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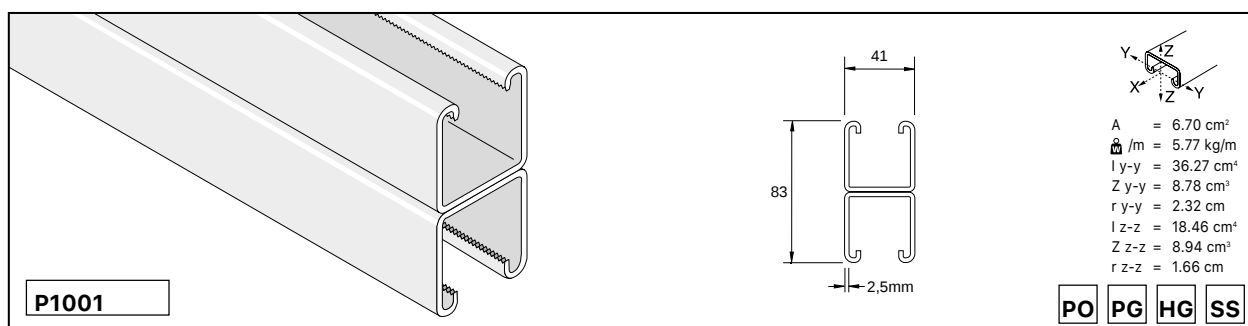
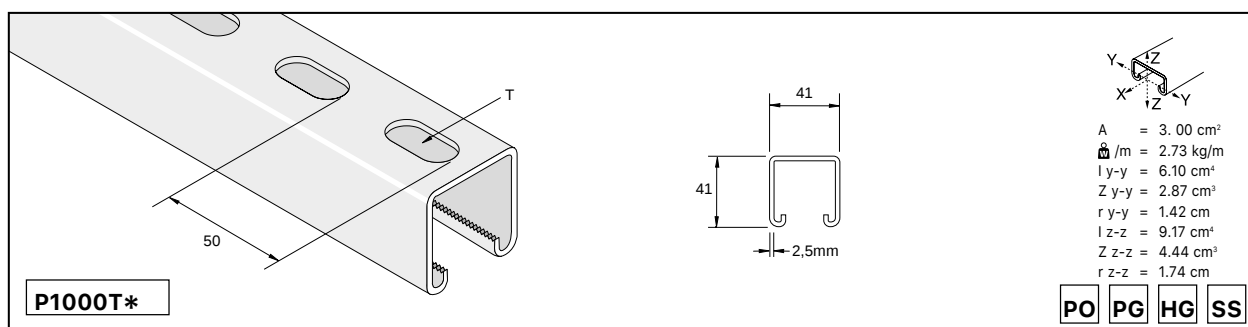
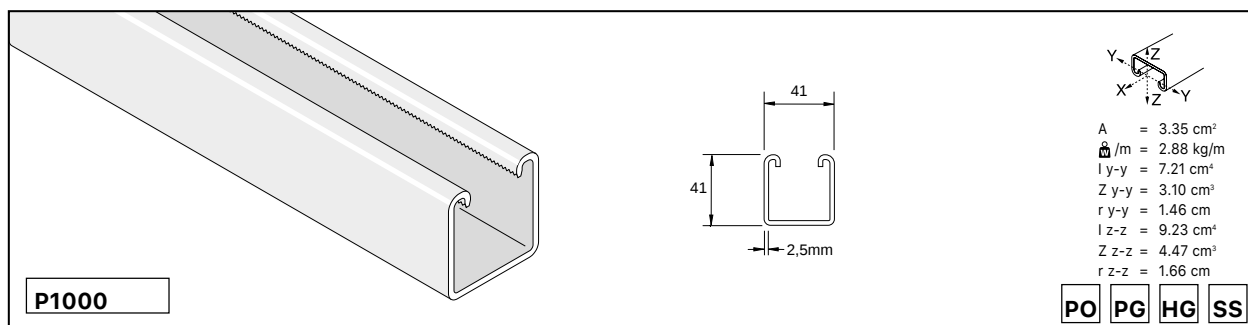


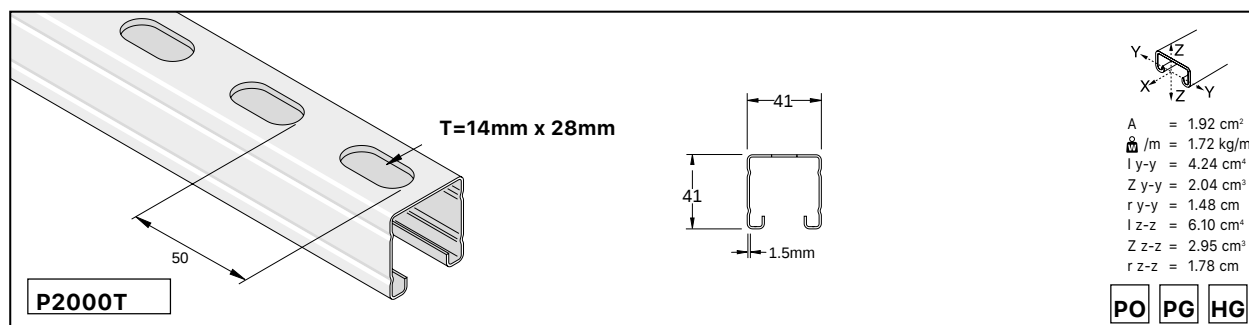
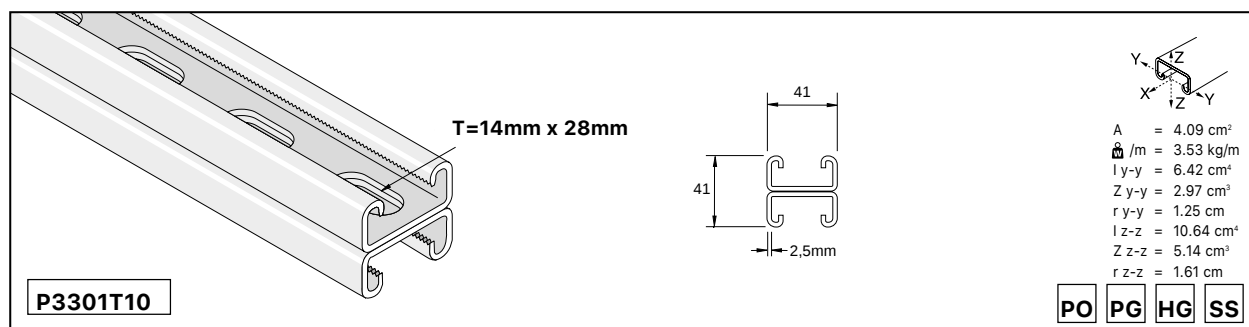
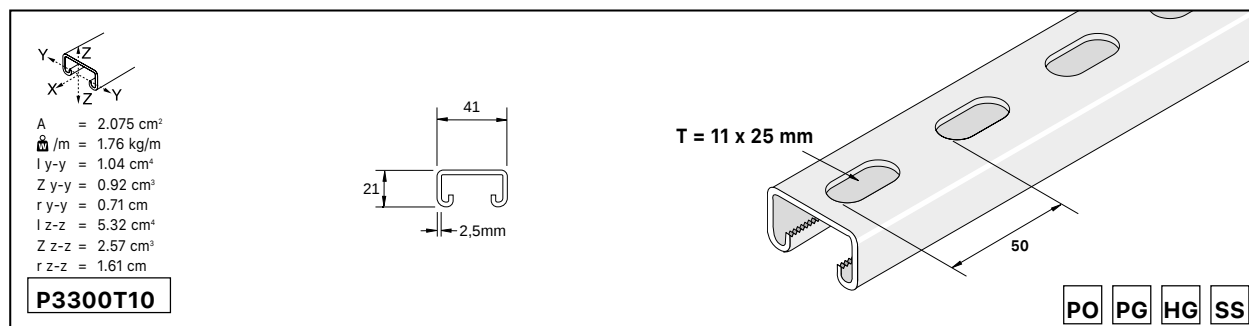
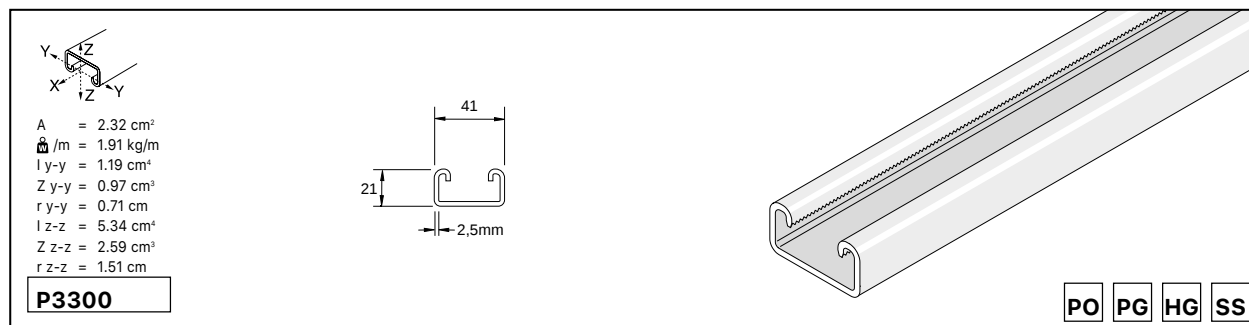
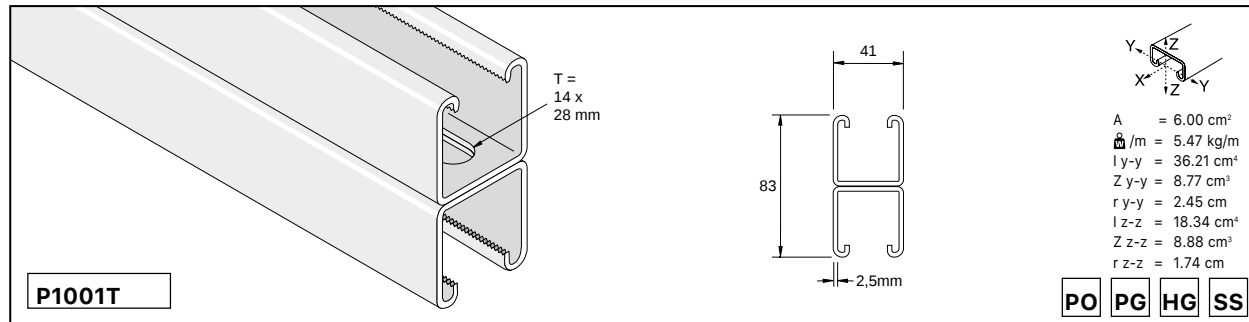
The following sections with Unistrut headers are specifically related to genuine Unistrut components. Why? Unistrut channel is made out of the highest grade of steel in the market, has a serrated edge on the internal return flange to help with channel nut slip loads. We can offer load details on spans with single or multiple load conditions. We also offer slip and pull out values for Unistrut channel nuts, and can give guaranteed loadings on structural Unistrut channel brackets. A full Unistrut system comprises of only genuine Unistrut Channel, Channel Brackets and channel nuts. All of Unistrut's products are engineered to the highest standards to form a system, so please remember if we are assisting you with design details that only genuine Unistrut components should be used.

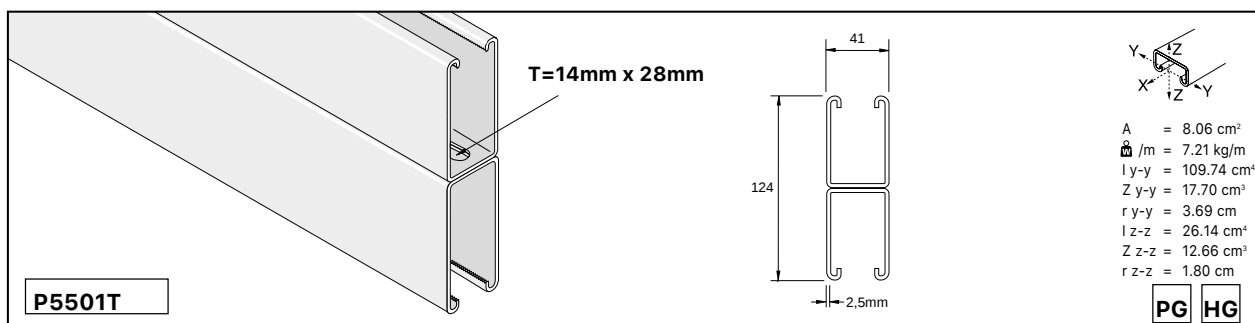
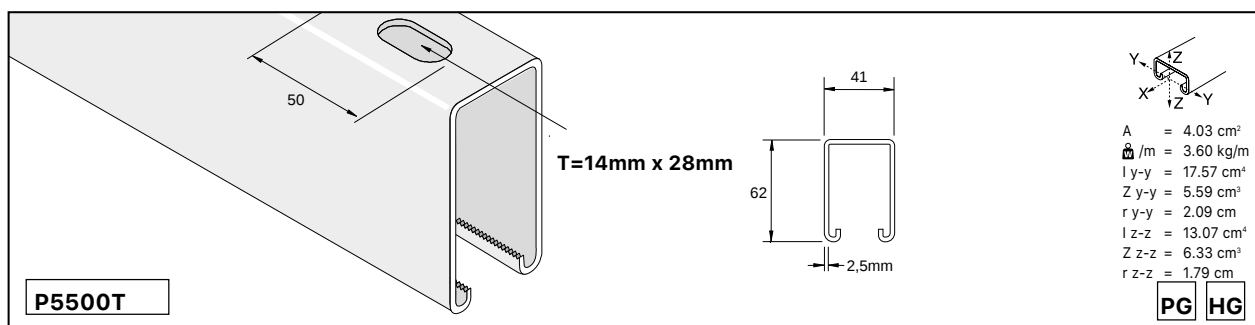
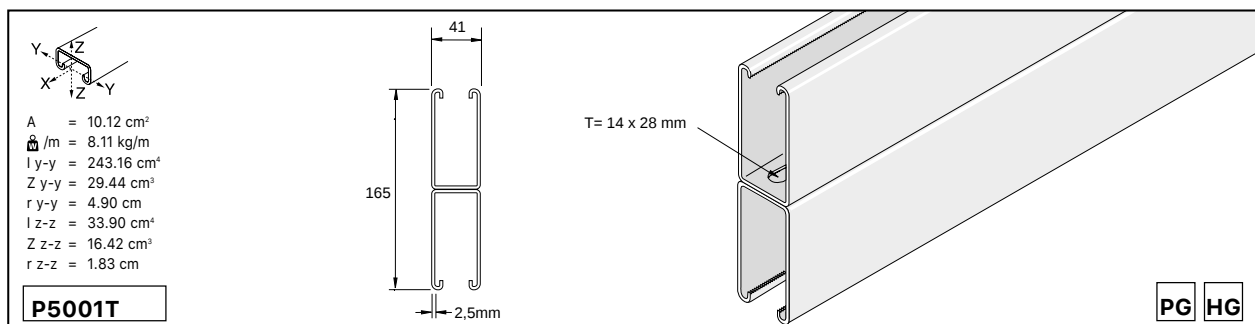
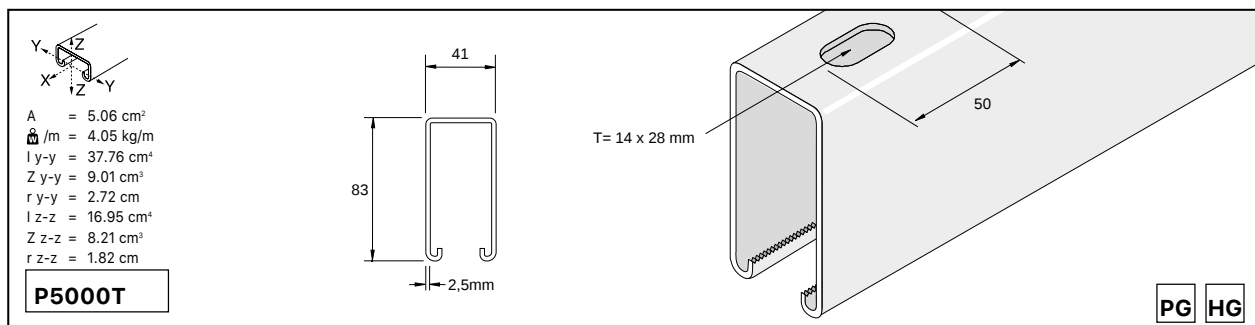
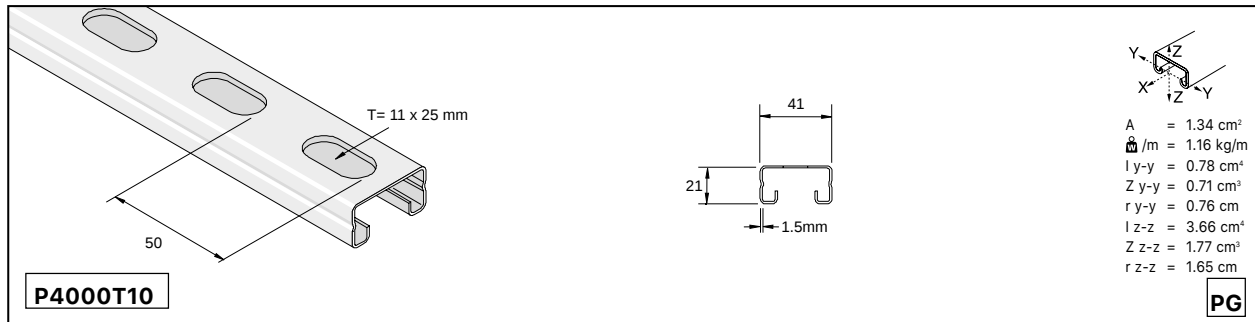
For assistance with any of the above please email [sales@vgf.co.uk](mailto:sales@vgf.co.uk)

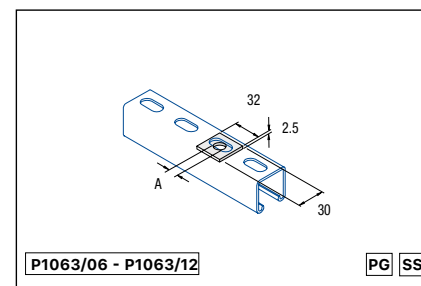
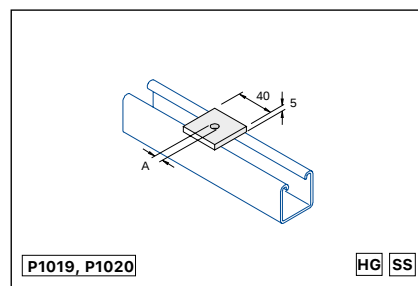
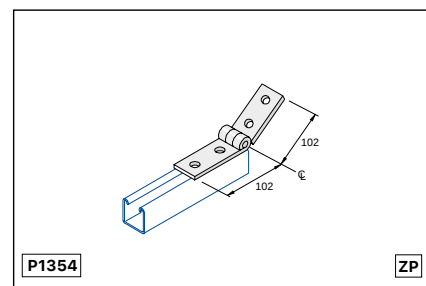
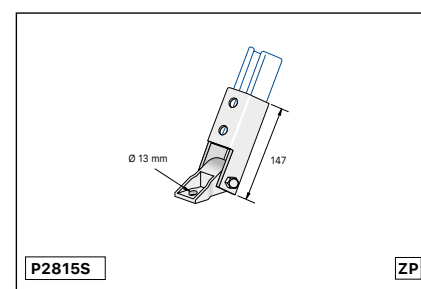
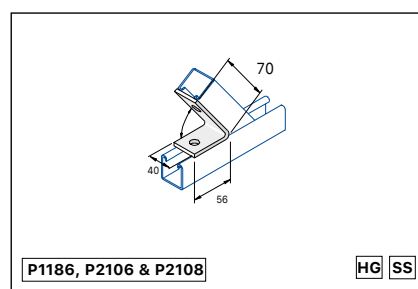
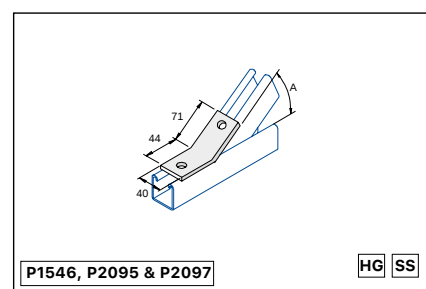
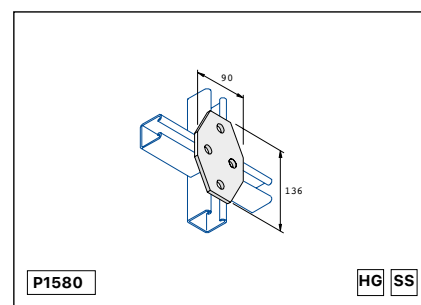
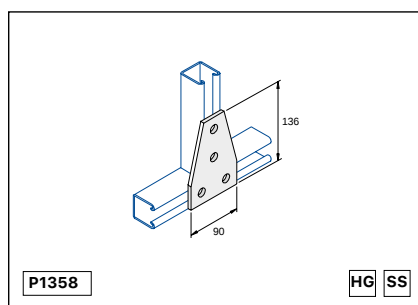
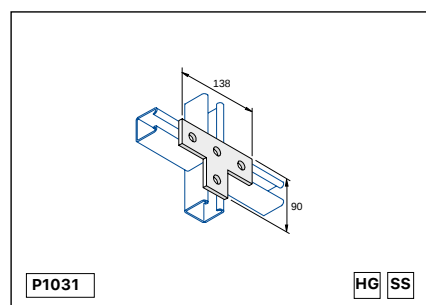
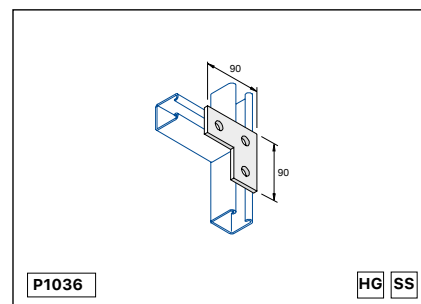
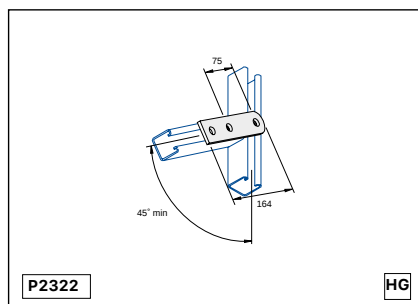
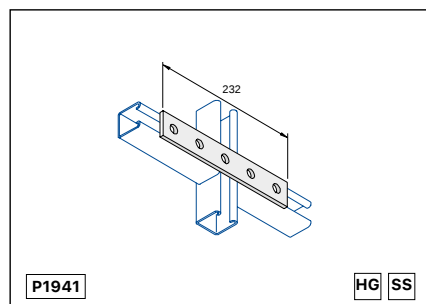
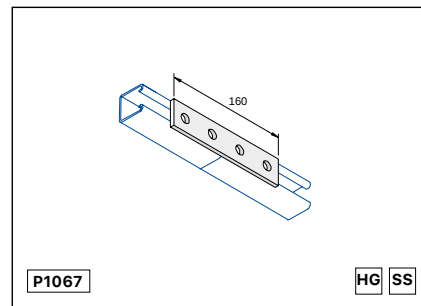
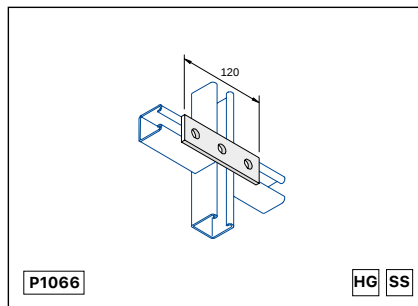
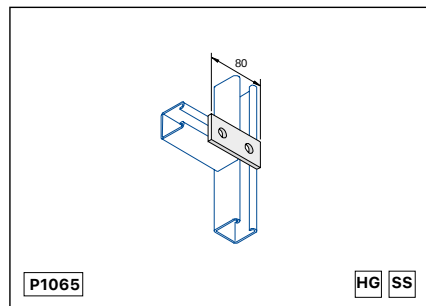
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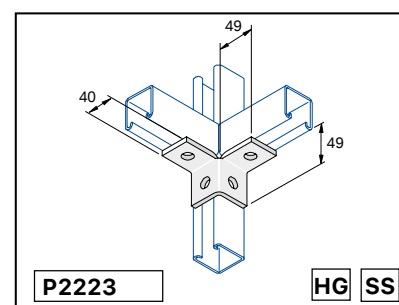
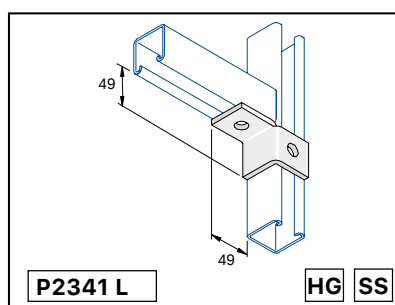
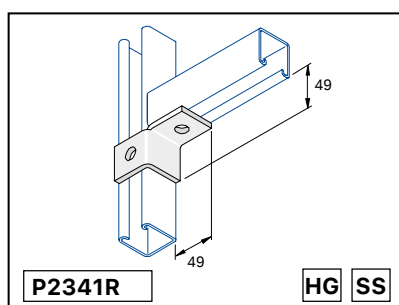
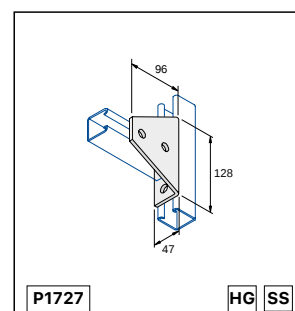
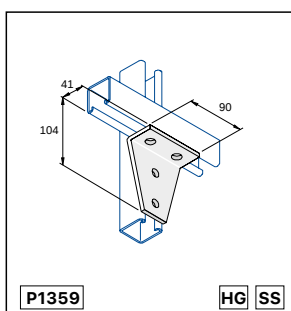
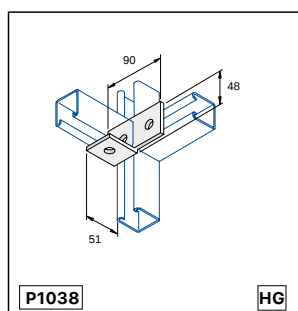
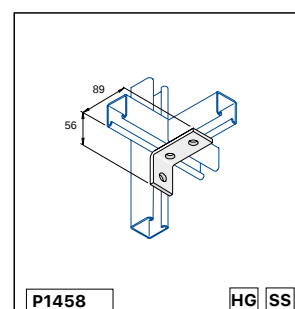
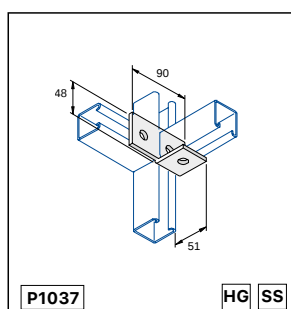
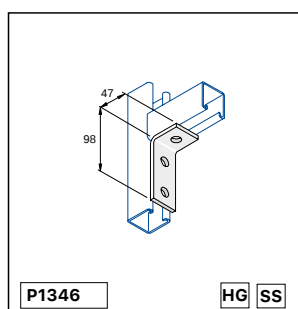
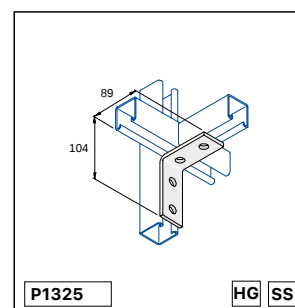
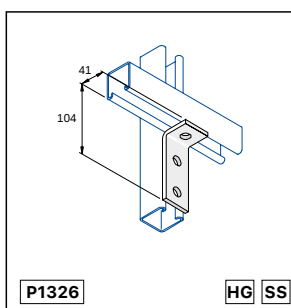
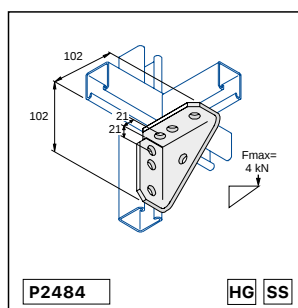
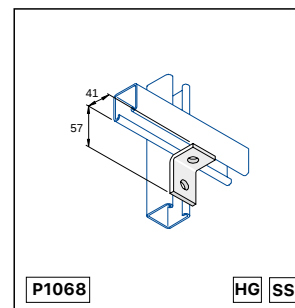
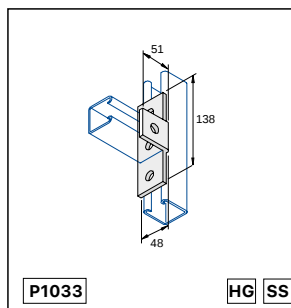
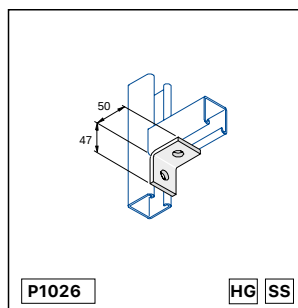
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|-----------|-------------|-----------|-----------------|
| <b>PO</b> | Plain Oiled | <b>HG</b> | Hot Dip Galv    |
| <b>PG</b> | Pre-Galv    | <b>SS</b> | Stainless Steel |

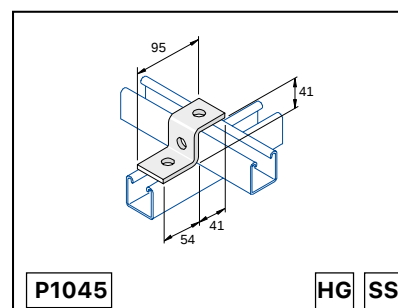
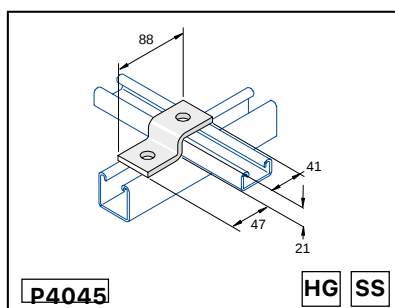
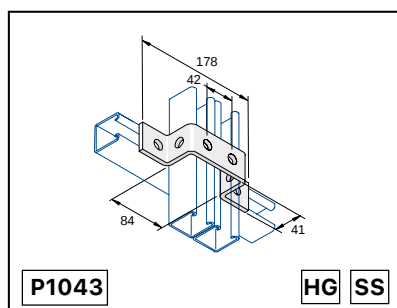
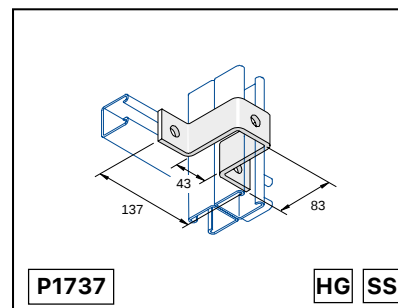
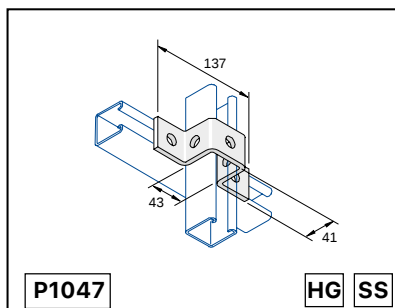
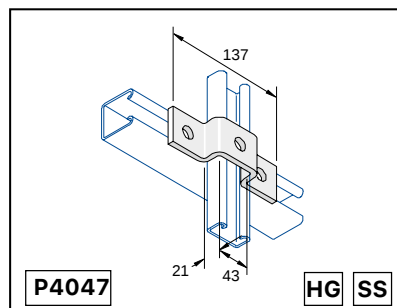
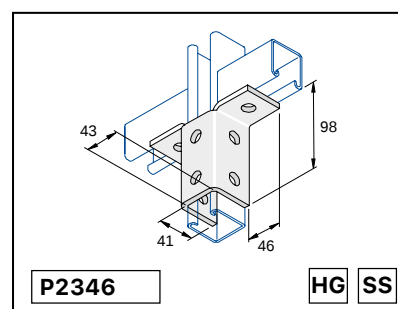
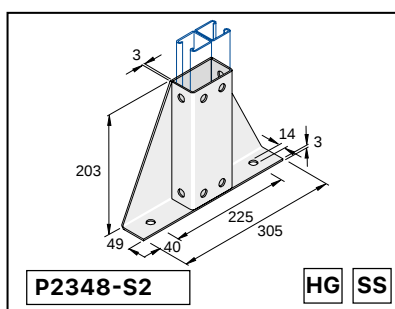
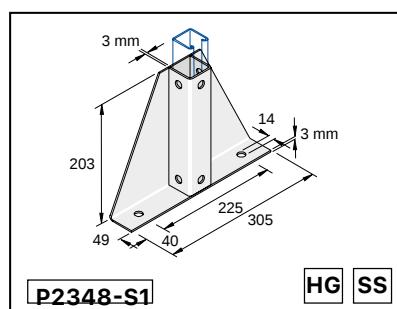
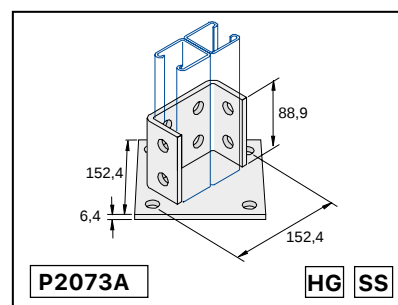
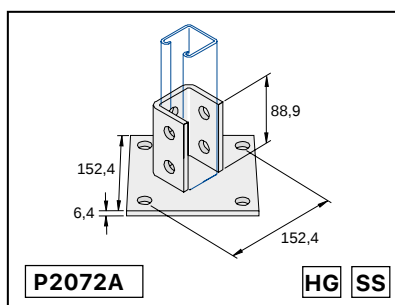
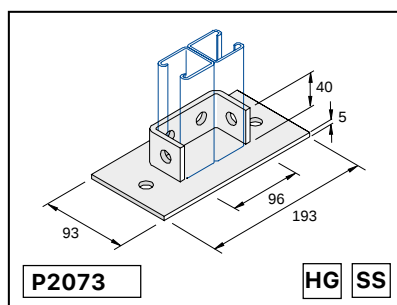
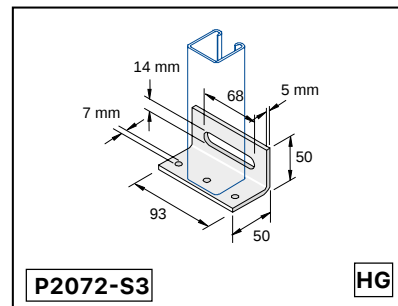
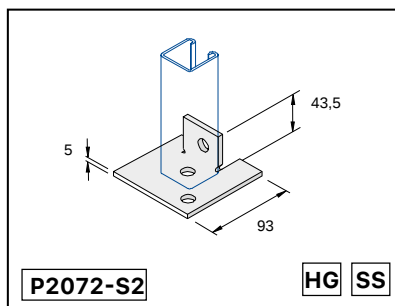
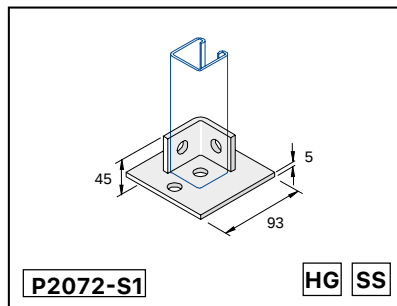


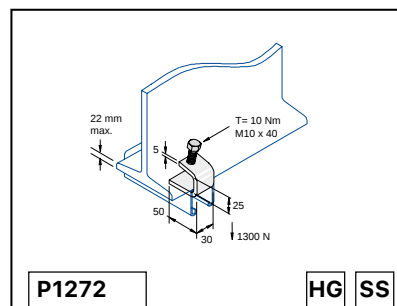
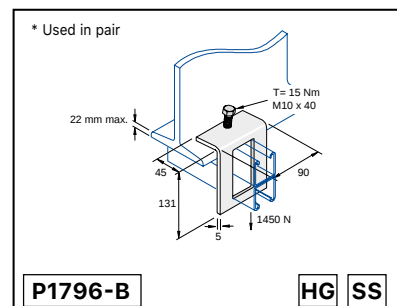
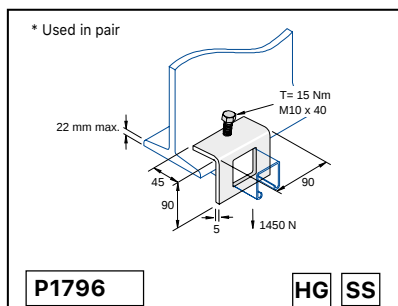
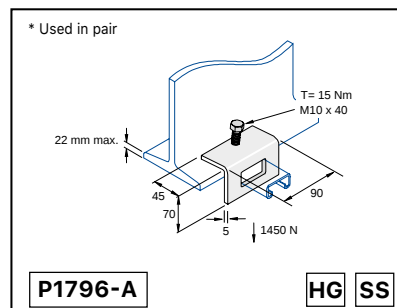
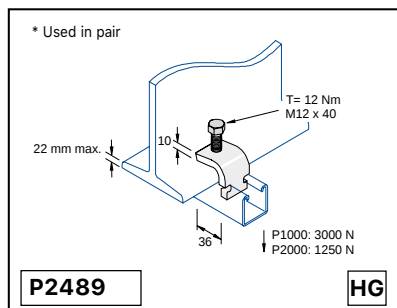
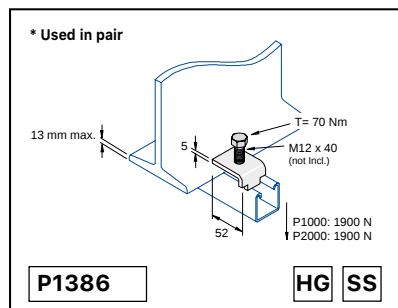
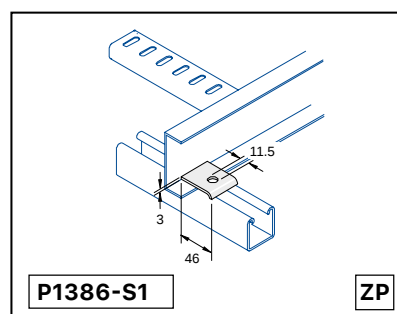
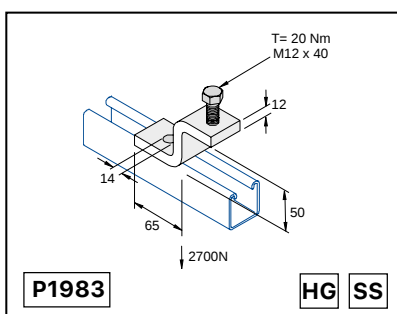
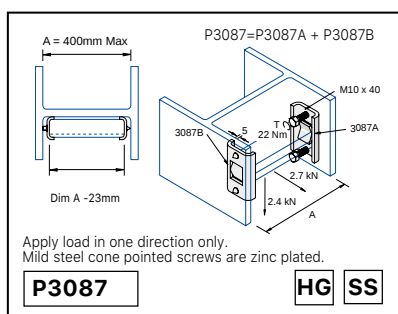
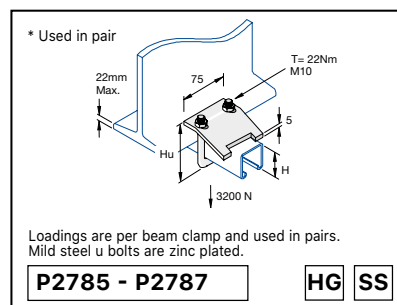
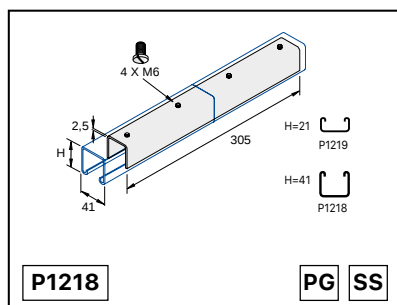
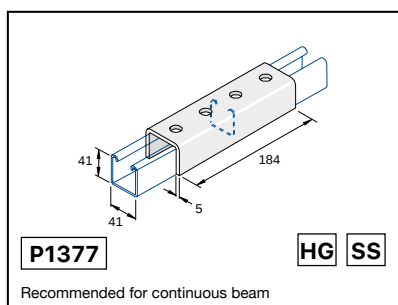
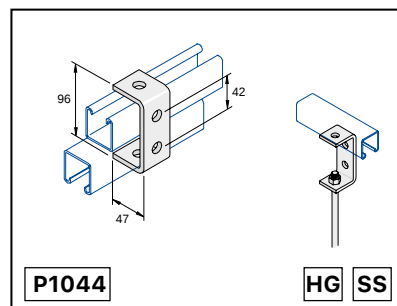
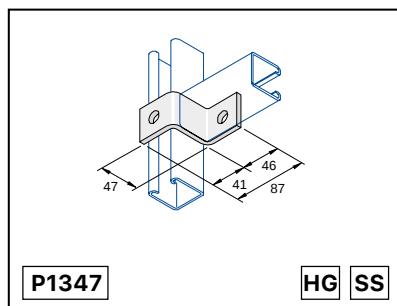
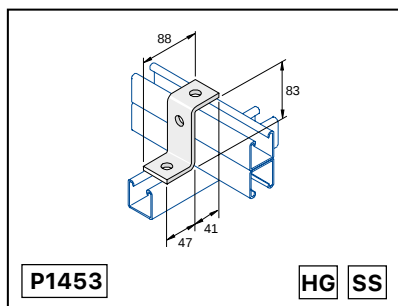


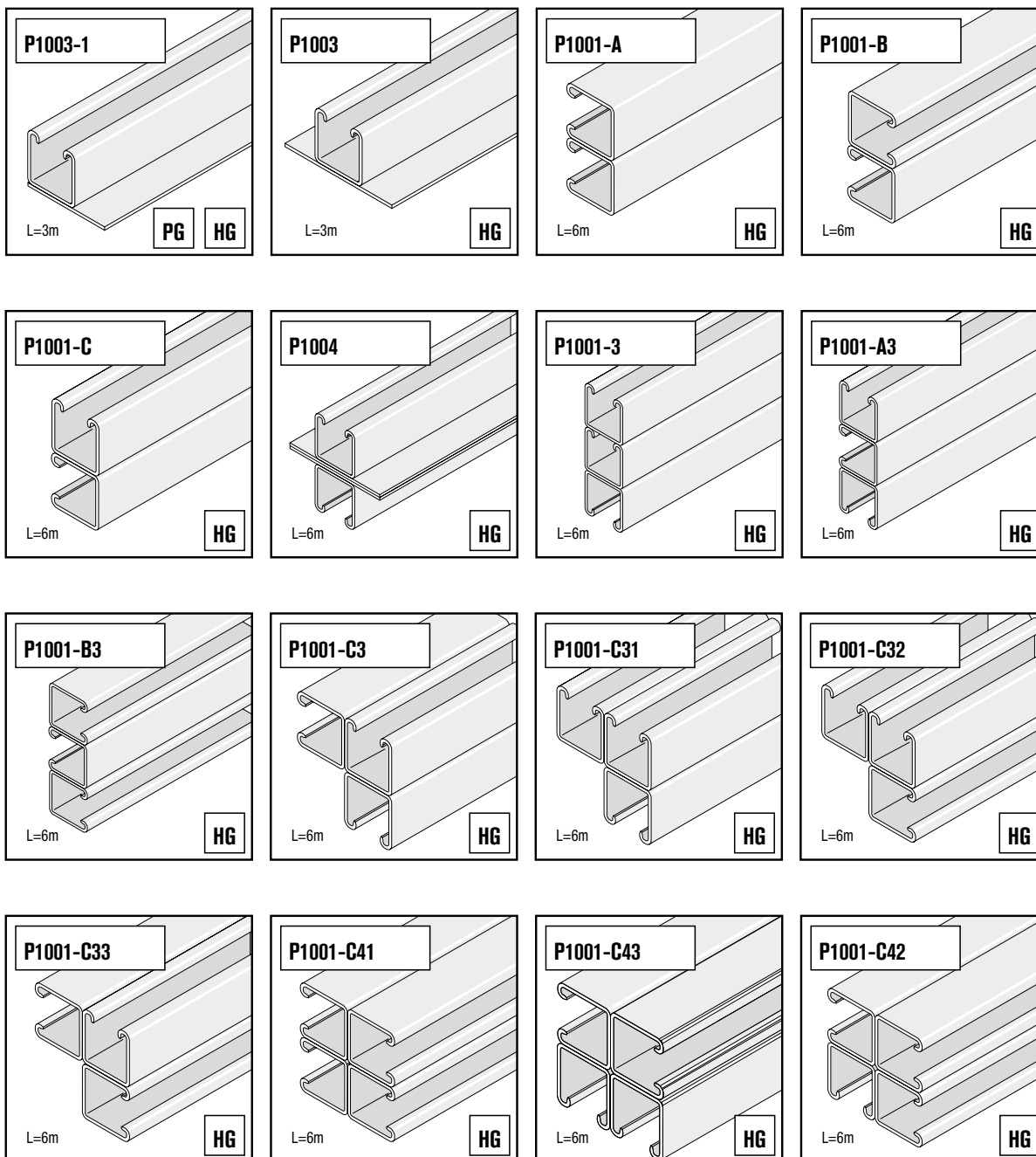


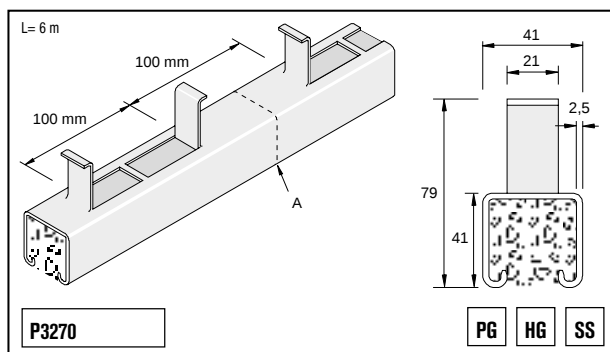












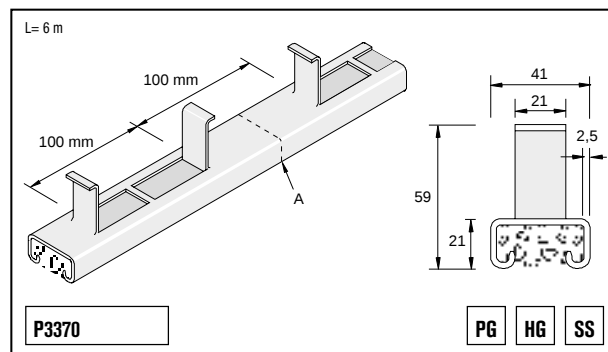
P3270 inserts are designed to accommodate M6, M8, M10, M12 & M16 fixings. Cutting positions are located between lugs as indicated (A) in increments of 200mm.

The recommended loading in average strength concrete\* with a safety factor of 3, is:

| Part No. | Pullout | Length |
|----------|---------|--------|
| P3270    | 8.8kN   | 300mm  |

\*B = 25 N/mm<sup>2</sup>

Stated loadings apply to mild steel products only.



P3370 inserts are designed to accommodate M6, M8, M10 & M12 fixings. Cutting positions are located between lugs as indicated (A) in increments of 200mm.

The recommended loading in average strength concrete\* with a safety factor of 3, is:

| Part No. | Pullout | Length |
|----------|---------|--------|
| P3370    | 6.7kN   | 300mm  |

\*B = 25 N/mm<sup>2</sup>

## STUD NUTS

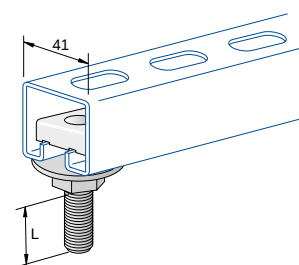
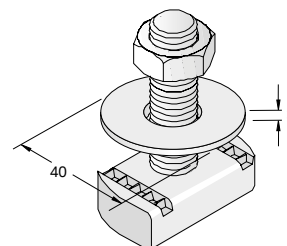
| Part No. | Finish | L      |     |
|----------|--------|--------|-----|
| M6X30SN  | ZP     | 18.5mm | 100 |

| Part No. | Finish | L      |     |
|----------|--------|--------|-----|
| M8X30SN  | ZP     | 15.5mm | 100 |
| M8X40SN  | •      | 25.5mm | 100 |
| M8X50SN  | •      | 35.5mm | 100 |
| M8X60SN  | •      | 45.5mm | 100 |
| M8X75SN  | •      | 60.5mm | 100 |
| M8X100SN | •      | 85.5mm | 100 |

| Part No.  | Finish | L    |     |
|-----------|--------|------|-----|
| M10X30SN  | ZP     | 13mm | 100 |
| M10X40SN  | •      | 23mm | 100 |
| M10X50SN  | •      | 33mm | 100 |
| M10X60SN  | •      | 43mm | 100 |
| M10X75SN  | •      | 68mm | 100 |
| M10X100SN | •      | 83mm | 100 |

| Part No.  | Finish | L    |     |
|-----------|--------|------|-----|
| M12X30SN  | ZP     | 11mm | 100 |
| M12X40SN  | •      | 21mm | 100 |
| M12X50SN  | •      | 31mm | 100 |
| M12X60SN  | •      | 41mm | 100 |
| M12X75SN  | •      | 56mm | 100 |
| M12X100SN | •      | 81mm | 100 |

| Part No.   | Finish | L    |     |
|------------|--------|------|-----|
| M16X63SN*  | ZP     | 40mm | 100 |
| M16X102SN* | •      | 79mm | 100 |



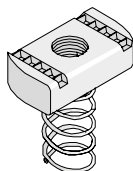
SN

ZP

SS

\* Hot forged

Suitable for P1000, P2000 & P3270

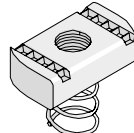


PNL06-PNL12A

ZP HG SS

| CODE  | ZP | HG | SS | THREAD SIZE |
|-------|----|----|----|-------------|
| PNL06 | •  | •  | •  | M6          |
| PNL08 | •  | •  | •  | M8          |
| PNL10 | •  | •  | •  | M10         |
| PNL12 | •  | •  | •  | M12         |

Suitable for P3300, P4000 & P3370

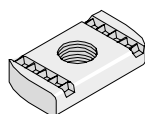


PNS06-PNS12A

ZP HG SS

| CODE  | ZP | HG | SS | THREAD SIZE |
|-------|----|----|----|-------------|
| PNS06 | •  | •  | •  | M6          |
| PNS08 | •  | •  | •  | M8          |
| PNS10 | •  | •  | •  | M10         |
| PNS12 | •  | •  | •  | M12         |

Suitable for P1000, P2000, P3300, P4000, P5000, P5500, P3270 & P3370

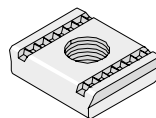


PNP06-PNP12A

ZP HG SS

| CODE  | ZP | HG | SS | THREAD SIZE |
|-------|----|----|----|-------------|
| PNP06 | •  | •  | •  | M6          |
| PNP08 | •  | •  | •  | M8          |
| PNP10 | •  | •  | •  | M10         |
| PNP12 | •  | •  | •  | M12         |

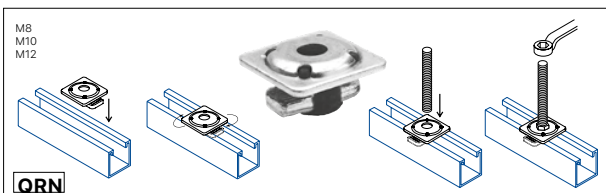
Suitable for P1000, P5000, P5500 & P3270



PNP16

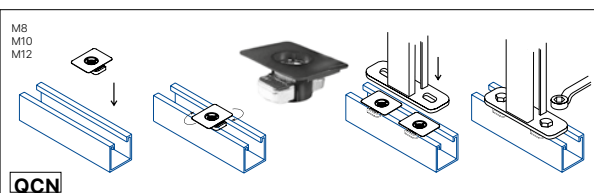
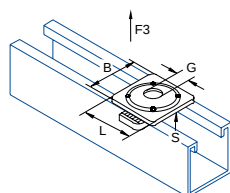
ZP

| CODE  | ZP | HG | SS | THREAD SIZE |
|-------|----|----|----|-------------|
| PNP16 | •  | •  |    | M6          |



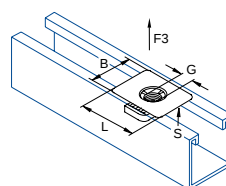
QRN

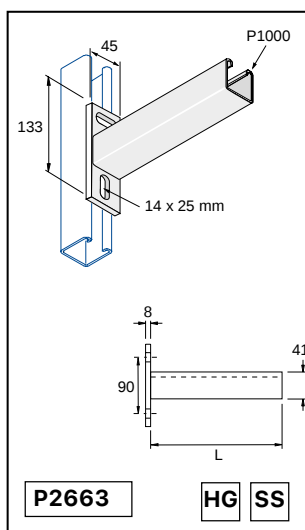
| CODE      | G   | L MM | B MM | S MM | F3 KN |
|-----------|-----|------|------|------|-------|
| 139 08 21 | M8  | 40   | 40   | 2.5  | 5     |
| 139 10 21 | M10 | 40   | 40   | 2.5  | 5     |
| 139 12 21 | M12 | 40   | 40   | 2.5  | 5     |



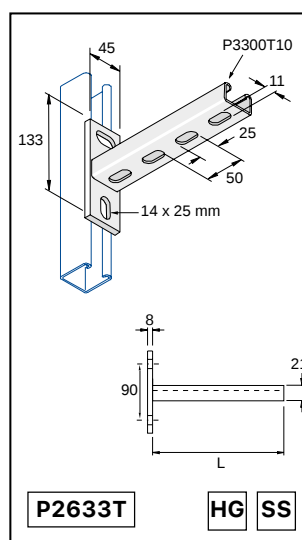
QCN

| CODE      | G   | L MM | B MM | S MM | F3 KN |
|-----------|-----|------|------|------|-------|
| 139 06 31 | M6  | 45   | 34   | 0.8  | 5     |
| 139 08 31 | M8  | 45   | 34   | 0.8  | 5     |
| 139 10 31 | M10 | 45   | 34   | 0.8  | 5     |
| 139 12 31 | M12 | 45   | 34   | 0.8  | 5     |

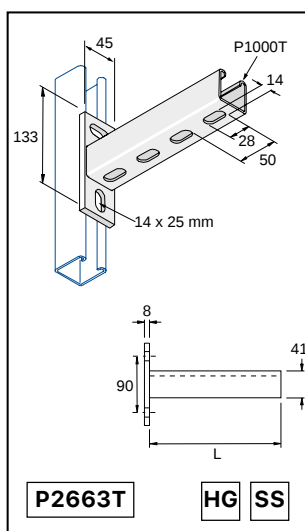




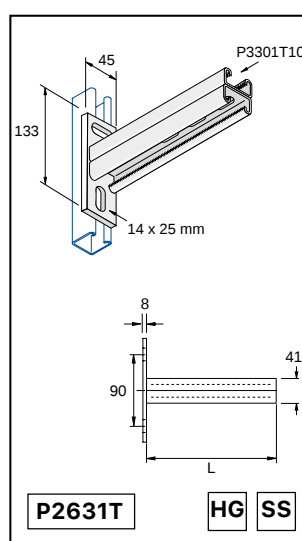
| CODE      | HG | L mm |
|-----------|----|------|
| P2663/150 | •  | 150  |
| P2663/300 | •  | 300  |
| P2663/450 | •  | 450  |
| P2663/600 | •  | 600  |
| P2663/750 | •  | 750  |



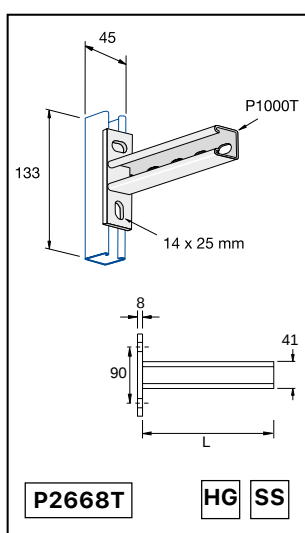
| CODE       | HG | L mm |
|------------|----|------|
| P2663T/150 | •  | 150  |
| P2663T/300 | •  | 300  |
| P2663T/450 | •  | 450  |



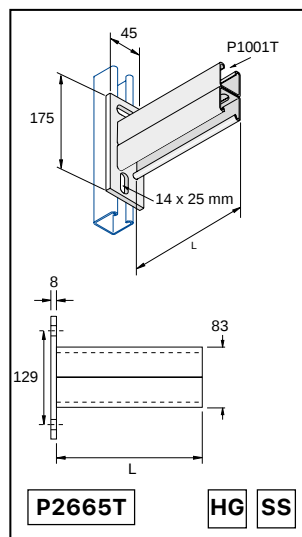
| CODE       | ZP | HG | L mm |
|------------|----|----|------|
| P2663T/150 | •  | •  | 150  |
| P2663T/300 | •  | •  | 300  |
| P2663T/450 | •  | •  | 450  |
| P2663T/600 | •  | •  | 600  |
| P2663T/750 | •  | •  | 750  |



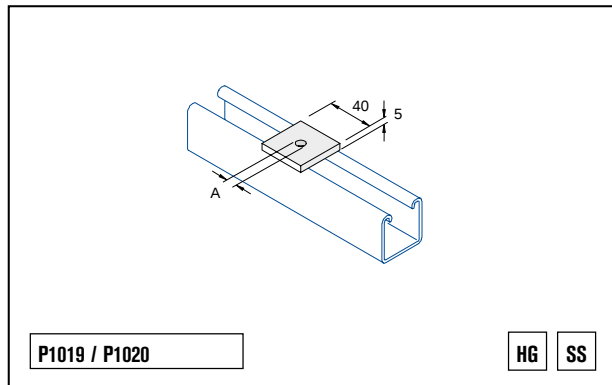
| CODE       | HG | L mm |
|------------|----|------|
| P2631T/150 | •  | 150  |
| P2631T/300 | •  | 300  |
| P2631T/450 | •  | 450  |
| P2631T/600 | •  | 600  |
| P2631T/750 | •  | 750  |



| CODE       | HG | L mm |
|------------|----|------|
| P2668T/150 | •  | 150  |
| P2668T/300 | •  | 300  |
| P2668T/450 | •  | 450  |
| P2668T/600 | •  | 600  |
| P2668T/750 | •  | 750  |



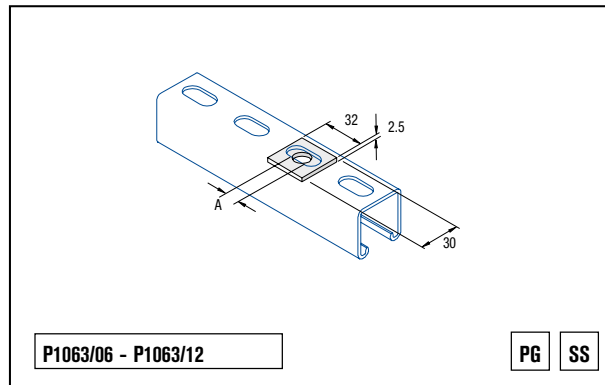
| CODE       | HG | L mm |
|------------|----|------|
| P2665T/150 | •  | 150  |
| P2665T/300 | •  | 300  |
| P2665T/450 | •  | 450  |
| P2665T/600 | •  | 600  |
| P2665T/750 | •  | 750  |



**P1019 / P1020**

**HG SS**

| Part No. | Finish |    | (mm) |         |      |     |
|----------|--------|----|------|---------|------|-----|
|          | HG     | SS |      |         |      |     |
| P1019    | •      | •  | 9    | M6/M8   | 0.06 | 100 |
| P1020    | •      | •  | 13   | M10/M12 | 0.06 | 100 |

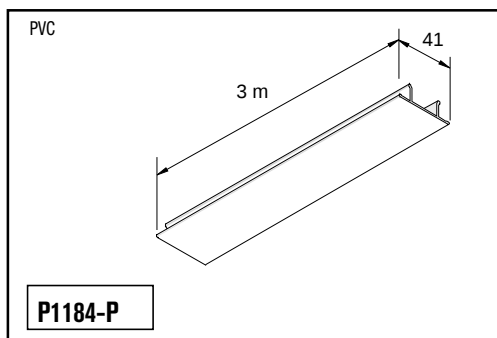


**P1063/06 - P1063/12**

**PG SS**

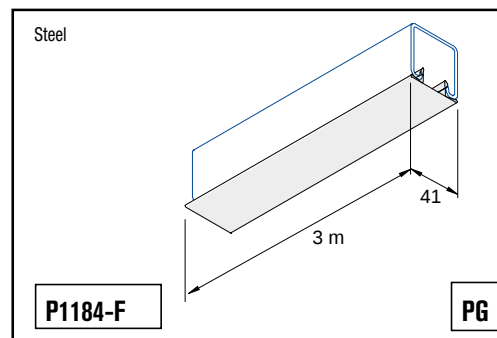
| Part No. | Finish |    | (mm) |     |      |     |
|----------|--------|----|------|-----|------|-----|
|          | PG     | SS |      |     |      |     |
| P1063/06 | •      | •  | 8    | M6  | 0.02 | 100 |
| P1063/08 | •      | •  | 10   | M8  | 0.02 | 100 |
| P1063/10 | •      | •  | 12   | M10 | 0.02 | 100 |
| P1063/12 | •      | •  | 14   | M12 | 0.02 | 100 |

## LIGHTING SUPPORTS & FITTINGS



**P1184-P**

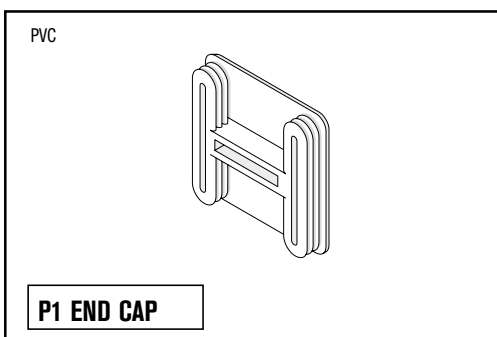
| Part No. | Colour |      |   |
|----------|--------|------|---|
| P1184-PW | White  | 0.48 | 1 |
| P1184-PB | Black  | 0.48 | 1 |



**P1184-F**

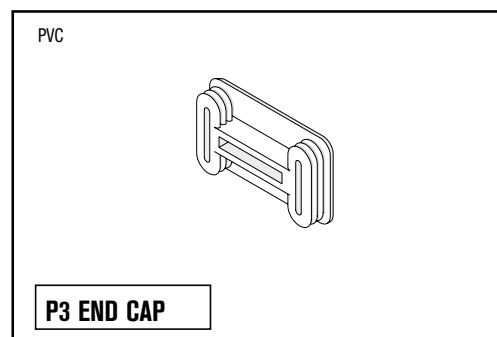
**PG**

| Part No. |      |   |
|----------|------|---|
| P1184-F  | 1.07 | 1 |



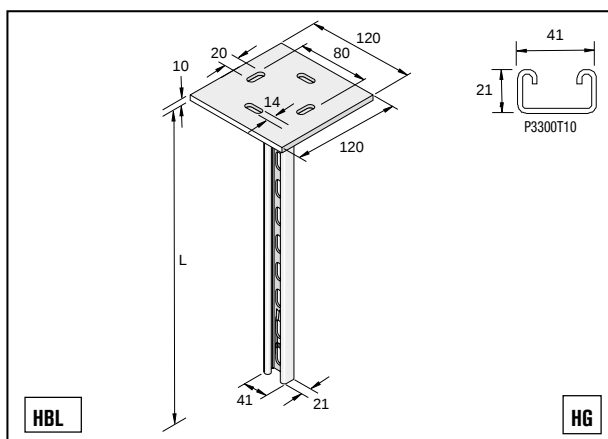
**P1 END CAP**

| Part No.  | Part No.  | Part No.  |       |      |     |
|-----------|-----------|-----------|-------|------|-----|
| Blue      | White     | Black     |       | /100 |     |
| 139 41 98 | 139 41 96 | 139 41 97 | 41x41 | 0.5  | 100 |

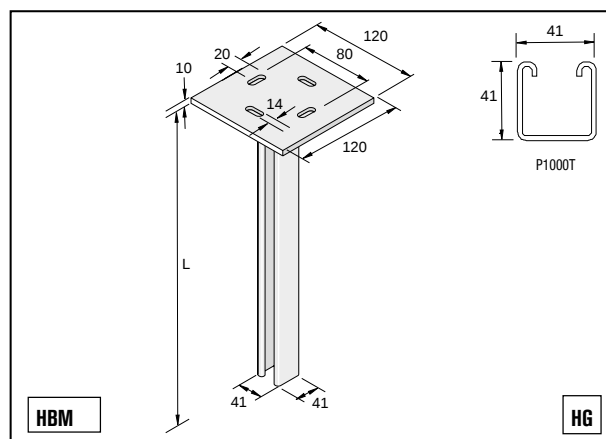


**P3 END CAP**

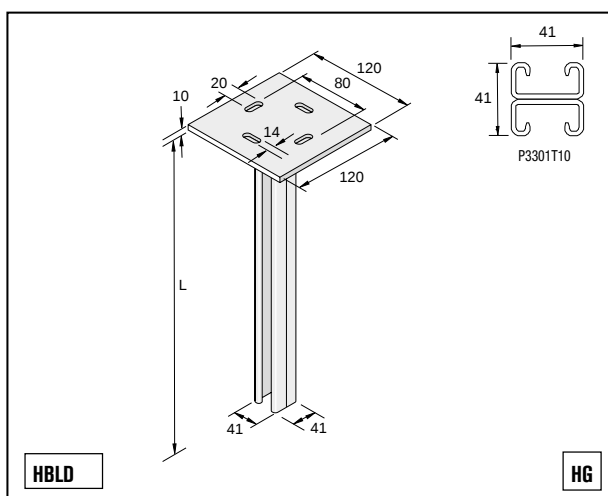
| Part No.  | Part No.  | Part No.  |       |      |     |
|-----------|-----------|-----------|-------|------|-----|
| Blue      | White     | Black     |       | /100 |     |
| 139 21 98 | 139 21 96 | 139 21 97 | 41x21 | 0.3  | 100 |



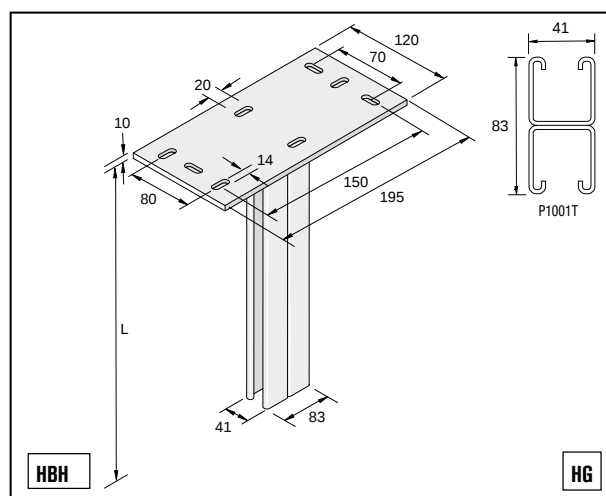
| Part No. | Finish | L (mm) | Weight |
|----------|--------|--------|--------|
| HBL/500  | • HG   | 525    | 2.00   |
| HBL/750  | •      | 775    | 2.44   |
| HBL/1000 | •      | 1025   | 2.88   |
| HBL/1250 | •      | 1275   | 3.32   |



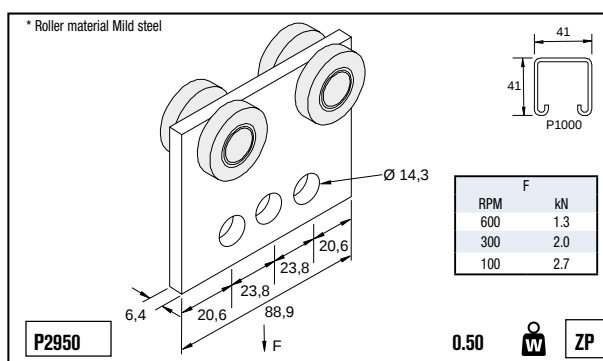
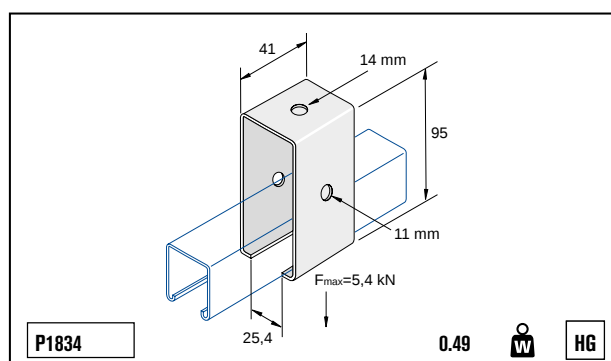
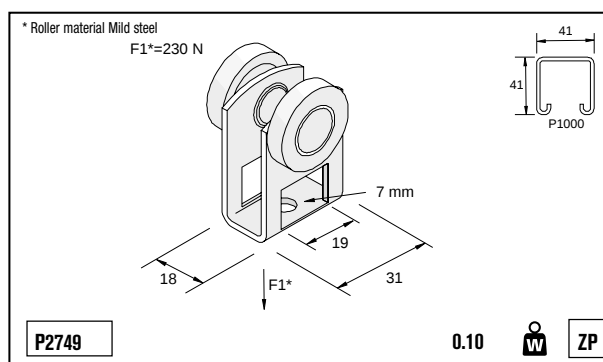
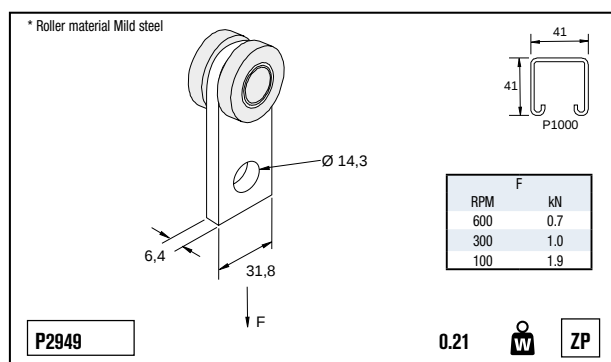
| Part No. | Finish | L (mm) | Weight |
|----------|--------|--------|--------|
| HBM/500  | • HG   | 525    | 2.51   |
| HBM/750  | •      | 775    | 3.19   |
| HBM/1000 | •      | 1025   | 3.88   |
| HBM/1250 | •      | 1275   | 4.30   |



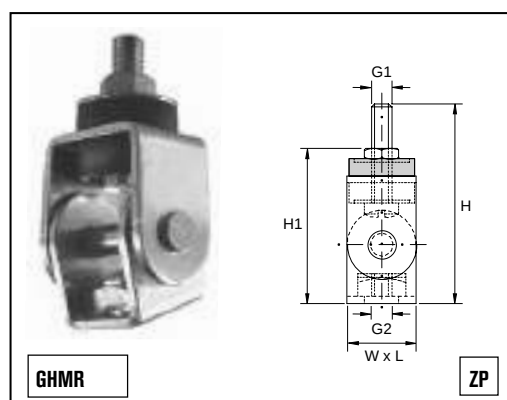
| Part No.  | Finish | L (mm) | Weight |
|-----------|--------|--------|--------|
| HBLD/500  | • HG   | 525    | 2.93   |
| HBLD/750  | •      | 775    | 3.81   |
| HBLD/1000 | •      | 1025   | 4.70   |
| HBLD/1250 | •      | 1275   | 5.58   |
| HBLD/1500 | •      | 1525   | 6.46   |
| HBLD/2000 | •      | 2025   | 8.23   |



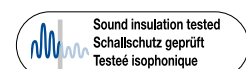
| Part No. | Finish | L (mm) | Weight |
|----------|--------|--------|--------|
| HBH/500  | • HG   | 525    | 4.60   |
| HBH/750  | •      | 775    | 5.97   |
| HBH/1000 | •      | 1025   | 7.33   |
| HBH/1250 | •      | 1275   | 8.70   |
| HBH/1500 | •      | 1525   | 10.07  |
| HBH/2000 | •      | 2025   | 12.80  |



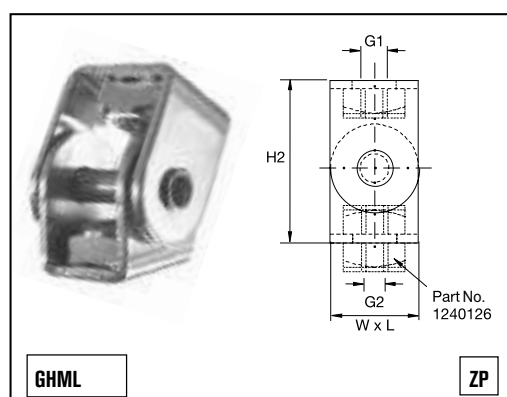
## ADJUSTABLE ANGLE FITTINGS



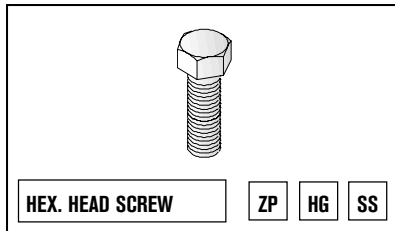
| Part No.  | Finish | G1 | G2  | H2 | W x L   | H1 | H  | Fmax | W   | ZP  |
|-----------|--------|----|-----|----|---------|----|----|------|-----|-----|
| 124 08 86 | •      | M8 | M8  | 45 | 36 x 25 | 60 | 70 | 5.7  | .13 | 100 |
| 124 81 06 | •      | M8 | M10 | 45 | 36 x 25 | 60 | 70 | 5.7  | .13 | 100 |



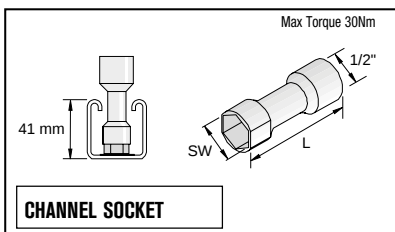
Sound insulation value on average 22 dB (A)



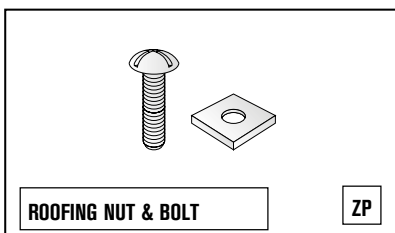
| PART NO.  | FINISH | G1  | G2  | H2 | W x L   | Fmax(kN) |     |                                                                                           |  |  |
|-----------|--------|-----|-----|----|---------|----------|-----|-------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|           | ZP     |     |     |    |         | MM       | MM  |  90° |                                                                                       |                                                                                       |
| 124 00 86 | •      | M8  | M8  | 45 | 36 x 25 | 3.5      | 4.5 | 5.5                                                                                       | .11                                                                                   | 100                                                                                   |
| 124 01 06 | •      | M10 | M10 | 45 | 36 x 25 | 3.5      | 4.5 | 5.5                                                                                       | .11                                                                                   | 100                                                                                   |
| 124 01 26 | •      | M12 | M12 | 64 | 36 x 25 | 3.5      | 4.5 | 5.5                                                                                       | .12                                                                                   | 100                                                                                   |



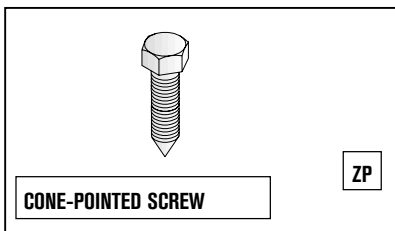
| Part No.<br>M6 |          |          | Part No.<br>M8 |          |          | Part No.<br>M10 |            |            | Part No.<br>M12 |            |            |     |
|----------------|----------|----------|----------------|----------|----------|-----------------|------------|------------|-----------------|------------|------------|-----|
| ZP             | HG       | SS       | ZP             | HG       | SS       | ZP              | HG         | SS         | ZP              | HG         | SS         |     |
| 93356X12       | 93336X12 | 93346X12 | 93358X20       | 93338X20 | 93348X20 | 933510X20       | 933310X20  | 933410X20  | 933512X22       | 933312X22  | 933412X22  | 100 |
| 93356X16       | 93336X16 | 93346X16 | 93358X25       | 93338X25 | 93348X25 | 933510X25       | 933310X25  | 933410X25  | 933512X25       | 933312X25  | 933412X25  | 100 |
| 93356X20       | 93336X20 | 93346X20 | 93358X30       | 93338X30 | 93348X30 | 933510X30       | 933310X30  | 933410X30  | 933512X30       | 933312X30  | 933412X30  | 100 |
| 93356X25       | 93336X25 | 93346X25 | 93358X35       | 93338X35 | 93348X35 | 933510X40       | 933310X40  | 933410X40  | 933512X40       | 933312X40  | 933412X40  | 100 |
| 93356X30       | 93336X30 | 93346X30 | 93358X40       | 93338X40 | 93348X40 | 933510X50       | 933310X50  | 933410X50  | 933512X50       | 933312X50  | 933412X50  | 100 |
| 93356X35       | 93336X35 | 93346X35 | 93358X45       | 93338X45 | 93348X45 | 933510X60       | 933310X60  | 933410X60  | 933512X60       | 933312X60  | 933412X60  | 100 |
| 93356X40       | 93336X40 | 93346X40 | 93358X50       | 93338X50 | 93348X50 | 933510X80       | 933310X80  | 933410X80  | 933512X80       | 933312X80  | 933412X80  | 100 |
| 93356X60       | 93336X60 | 93346X60 | 93358X60       | 93338X60 | 93348X60 | 933510X100      | 933310X100 | 933410X100 | 933512X100      | 933312X100 | 933412X100 | 100 |



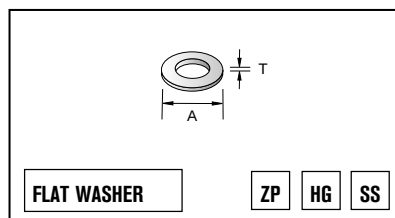
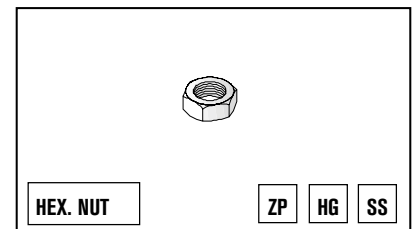
| Part No.<br>M10 | Part No.<br>M12 |
|-----------------|-----------------|
| 17AF            | 19AF            |



| Part No. | Finish<br>ZP | L (mm) | /100 |     |
|----------|--------------|--------|------|-----|
| M6x12RB  | •            | 12     | 1.0  | 100 |
| M6x16RB  | •            | 16     | 1.0  | 100 |
| M6x20RB  | •            | 20     | 1.0  | 100 |
| M6x25RB  | •            | 25     | 1.0  | 100 |
| M6x30RB  | •            | 30     | 1.0  | 100 |
| M6x40RB  | •            | 40     | 1.0  | 100 |
| M6x50RB  | •            | 50     | 1.0  | 100 |
| M6x60RB  | •            | 60     | 1.0  | 100 |

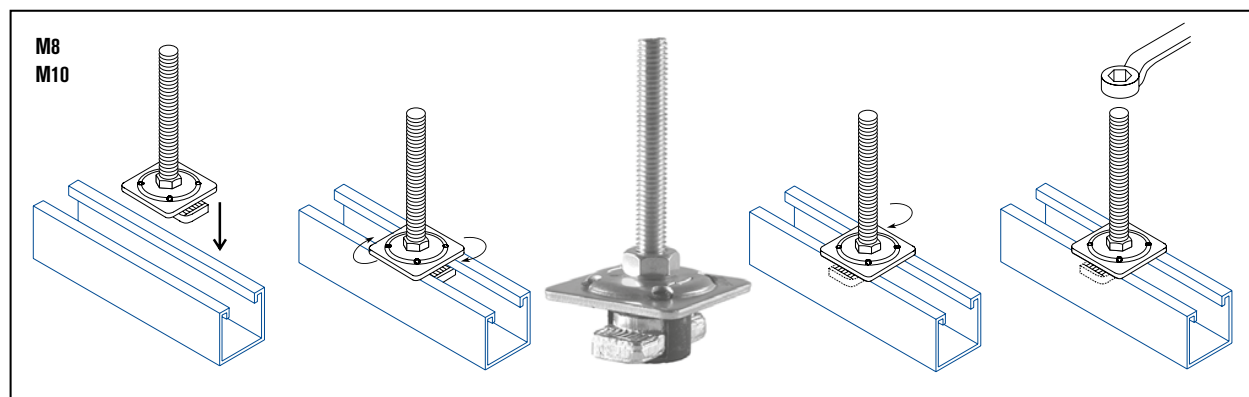
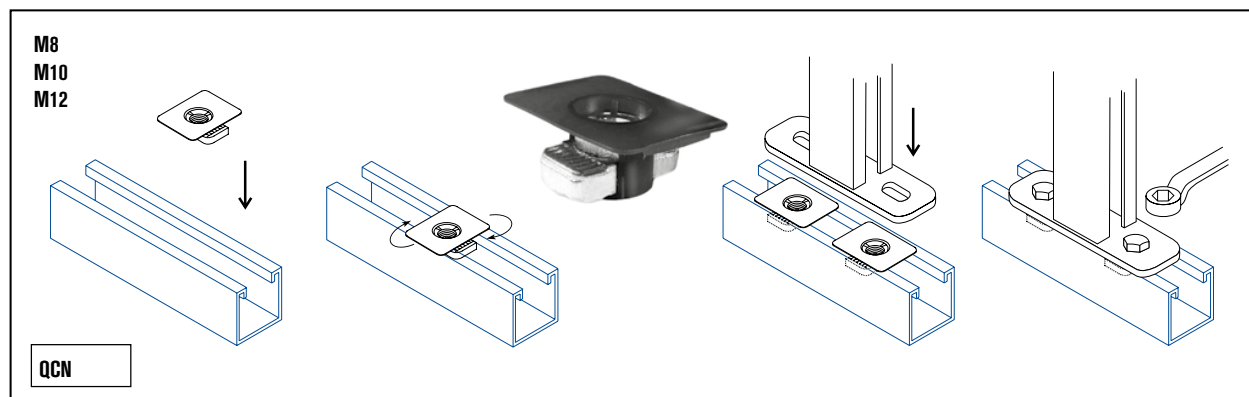
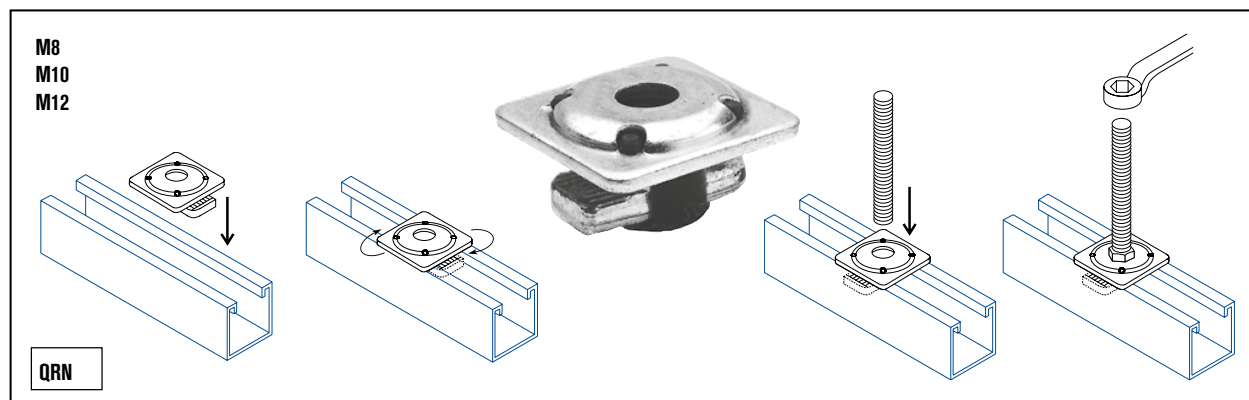
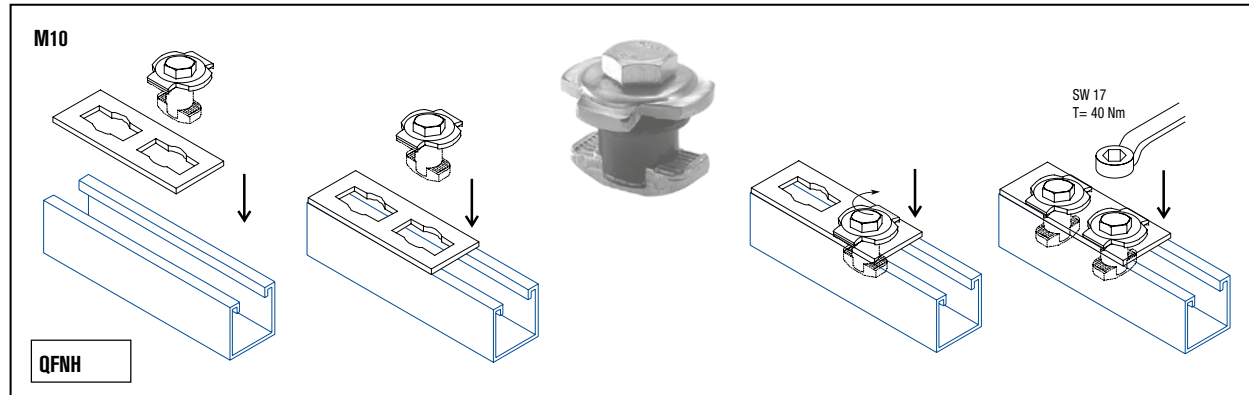


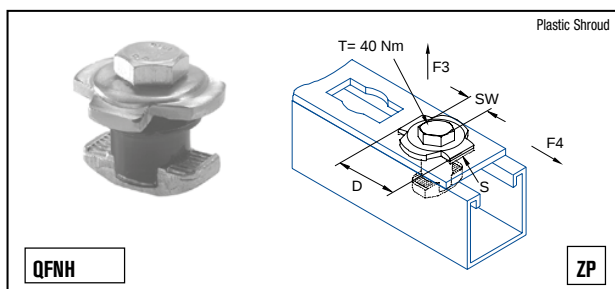
| Part No. | Finish<br>ZP | /100 |     |
|----------|--------------|------|-----|
| M10x40CP | •            | 2.5  | 100 |
| M12x40CP | •            | 3.9  | 100 |



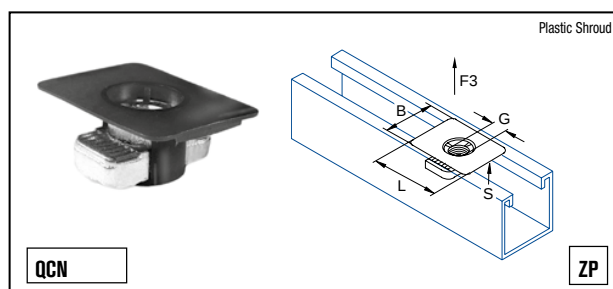
| Part No.<br>M6 |        |        | Part No.<br>M8 |        |        | Part No.<br>M10 |         |         | Part No.<br>M12 |         |         |
|----------------|--------|--------|----------------|--------|--------|-----------------|---------|---------|-----------------|---------|---------|
| ZP             | HG     | SS     | ZP             | HG     | SS     | ZP              | HG      | SS      | ZP              | HG      | SS      |
| 9345M6         | 9343M6 | 9344M6 | 9345M8         | 9343M8 | 9344M8 | 9345M10         | 9343M10 | 9344M10 | 9345M12         | 9343M12 | 9344M12 |

| Part No.<br>M6 |        |        | Part No.<br>M8 |        |        | Part No.<br>M10 |         |         | Part No.<br>M12 |         |         | Part No.<br>M16 |         |         |     |
|----------------|--------|--------|----------------|--------|--------|-----------------|---------|---------|-----------------|---------|---------|-----------------|---------|---------|-----|
| ZP             | HG     | SS     | ZP             | HG     | SS     | ZP              | HG      | SS      | ZP              | HG      | SS      | ZP              | HG      | SS      |     |
| 1255M6         | 1253M6 | 1254M6 | 1255M8         | 1253M8 | 1254M8 | 1255M10         | 1253M10 | 1254M10 | 1255M12         | 1253M12 | 1254M12 | 1255M16         | 1253M16 | 1254M16 | 100 |
| (A=12.5mm)     |        |        | (A=17mm)       |        |        | (A=21mm)        |         |         | (A=24mm)        |         |         | (A=30mm)        |         |         |     |
| (T=1.6mm)      |        |        | (T=2.0mm)      |        |        | (T=2.5mm)       |         |         | (T=3.0mm)       |         |         | (T=3.0mm)       |         |         |     |

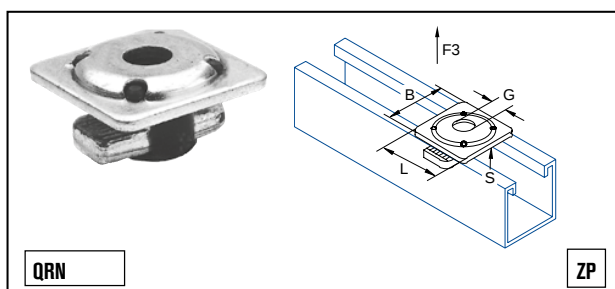




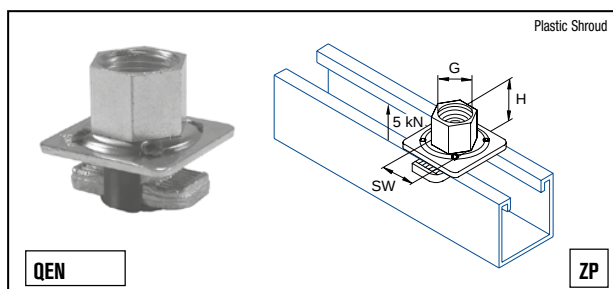
| Part No. | G   | D  | SW | S  | T  | F3 | F4  |      |    |
|----------|-----|----|----|----|----|----|-----|------|----|
| ZP       |     | mm | mm | mm | Nm | kN | kN  |      |    |
| 1391011  | M10 | 40 | 17 | 4  | 40 | 5  | 2.5 | 0.08 | 50 |



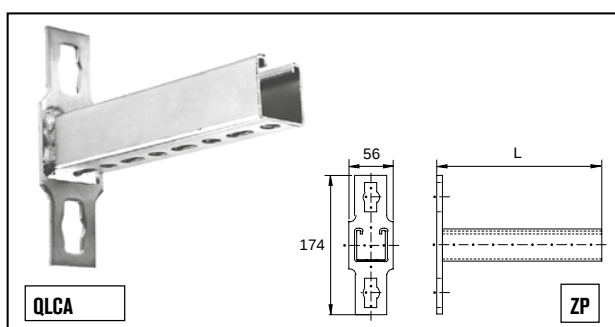
| Part No.  | G   | L  | B  | S   | F3 |      |    |
|-----------|-----|----|----|-----|----|------|----|
| ZP        |     | mm | mm | mm  | kN |      |    |
| 139 06 31 | M6  | 45 | 34 | 0.8 | 5  | 0.04 | 50 |
| 139 08 31 | M8  | 45 | 34 | 0.8 | 5  | 0.03 | 50 |
| 139 10 31 | M10 | 45 | 34 | 0.8 | 5  | 0.03 | 50 |
| 139 12 31 | M12 | 45 | 34 | 0.8 | 5  | 0.03 | 50 |



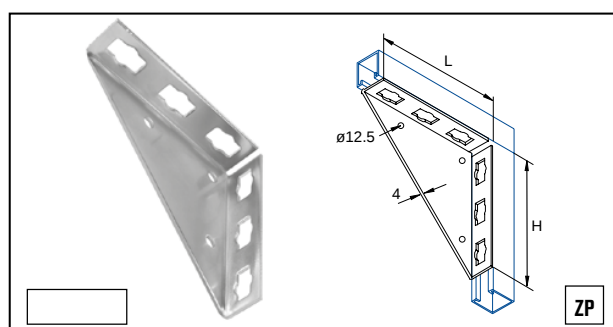
| Part No.  | G   | L  | B  | S   | F3 |       |    |
|-----------|-----|----|----|-----|----|-------|----|
| ZP        |     | mm | mm | mm  | kN |       |    |
| 139 08 21 | M8  | 40 | 40 | 2.5 | 5  | 0.060 | 50 |
| 139 10 21 | M10 | 40 | 40 | 2.5 | 5  | 0.058 | 50 |
| 139 12 21 | M12 | 40 | 40 | 2.5 | 5  | 0.055 | 50 |



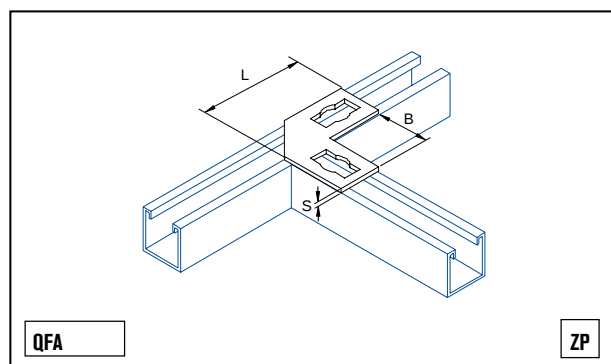
| Part No.  | G    | H  | SW | F3 |      |    |
|-----------|------|----|----|----|------|----|
| ZP        |      | mm | mm | kN |      |    |
| 139 16 21 | M16  | 26 | 22 | 5  | 0.10 | 50 |
| 139 22 26 | 1/2" | 26 | 27 | 5  | 0.12 | 50 |



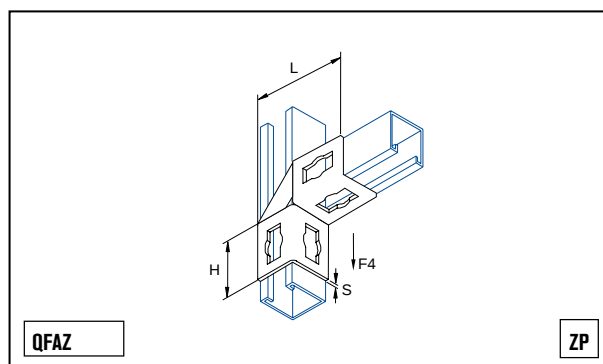
| Part No.  |      | L   |         |         |         |         |    |
|-----------|------|-----|---------|---------|---------|---------|----|
| ZP        |      | mm  |         |         |         |         |    |
| 139 41 19 | 0.75 | 200 | 2.37 kN | -       | -       | -       | 10 |
| 139 41 29 | 0.91 | 250 | 1.55 kN | 0.98 kN | -       | -       | 10 |
| 139 41 39 | 1.12 | 350 | 1.15 kN | 0.68 kN | 0.55 kN | -       | 10 |
| 139 41 49 | 1.40 | 450 | 0.92 kN | 0.52 kN | 0.40 kN | 0.36 kN | 10 |



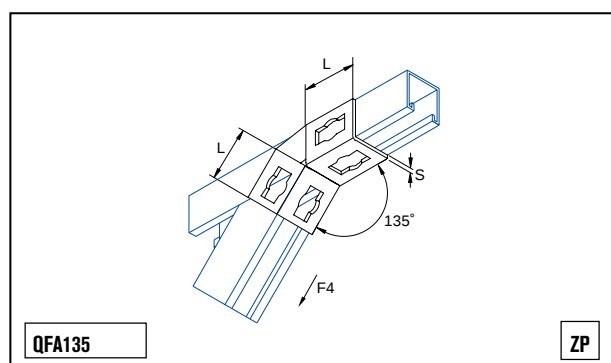
| Part No.  | H   | L   |      |    |
|-----------|-----|-----|------|----|
| ZP        | mm  | mm  |      |    |
| 139 01 55 | 195 | 195 | 0.95 | 10 |
| 139 01 65 | 210 | 155 | 0.78 | 10 |



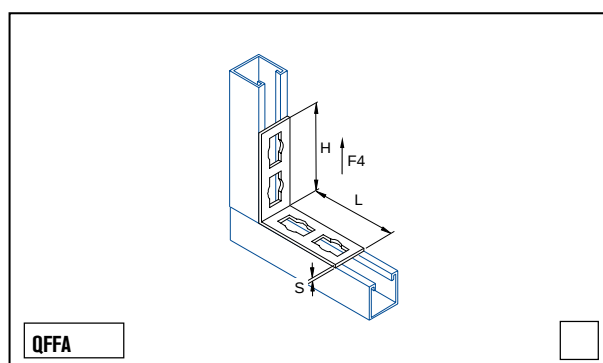
| Part No.  |       | B  | L  | S  |      |    |
|-----------|-------|----|----|----|------|----|
| ZP        |       | mm | mm | mm |      |    |
| 139 01 25 | 1 & 1 | 52 | 92 | 4  | 0.13 | 25 |



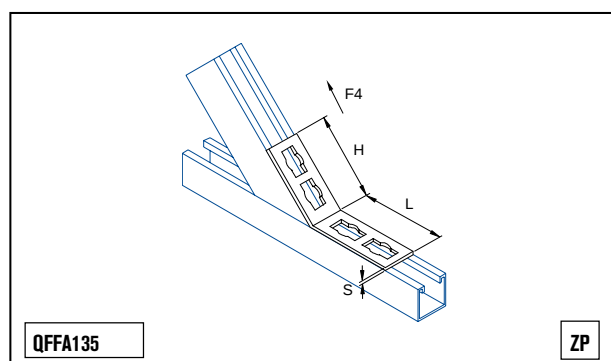
| Part No.  |       | H   | L   | S  | F4 |      |    |
|-----------|-------|-----|-----|----|----|------|----|
| ZP        |       | mm  | mm  | mm | kN |      |    |
| 139 90 55 | 2 & 2 | 58  | 103 | 4  | 2  | 0.24 | 10 |
| 139 90 65 | 4 & 4 | 106 | 150 | 4  | 3  | 0.42 | 10 |



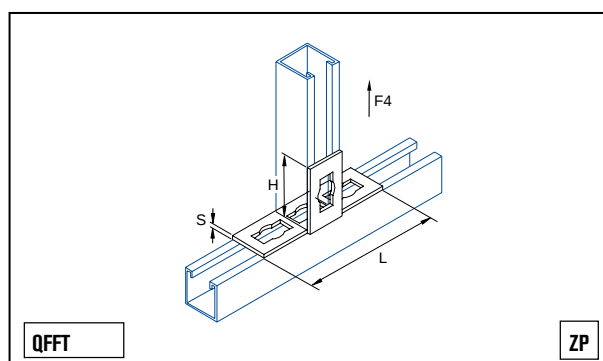
| Part No.  |       | L   | S  | F4 |      |    |
|-----------|-------|-----|----|----|------|----|
| ZP        |       | mm  | mm | kN |      |    |
| 139 35 55 | 2 & 2 | 56  | 4  | 2  | 0.25 | 10 |
| 139 35 65 | 4 & 4 | 103 | 4  | 3  | 0.39 | 10 |



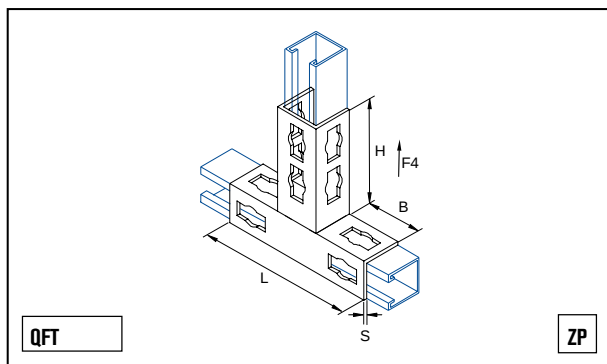
| Part No.  |       | H   | L   | S  | F4 |      |    |
|-----------|-------|-----|-----|----|----|------|----|
| ZP        |       | mm  | mm  | mm | kN |      |    |
| 139 90 25 | 1 & 1 | 65  | 65  | 4  | 2  | 0.11 | 25 |
| 139 90 35 | 1 & 2 | 110 | 65  | 4  | 2  | 0.15 | 25 |
| 139 90 45 | 2 & 2 | 110 | 110 | 4  | 3  | 0.18 | 25 |



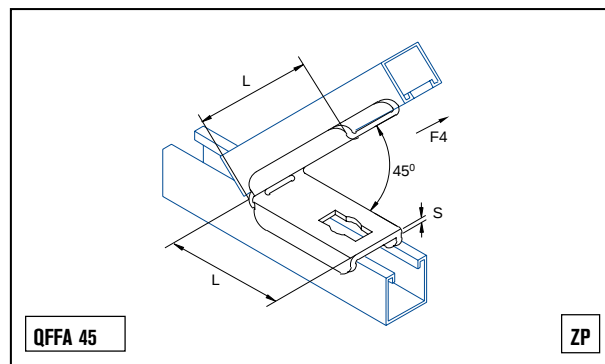
| Part No.  |       | H   | L   | S  | F4 |      |    |
|-----------|-------|-----|-----|----|----|------|----|
| ZP        |       | mm  | mm  | mm | kN |      |    |
| 139 35 35 | 1 & 2 | 110 | 65  | 4  | 2  | 0.14 | 25 |
| 139 35 45 | 2 & 2 | 110 | 110 | 4  | 3  | 0.18 | 25 |



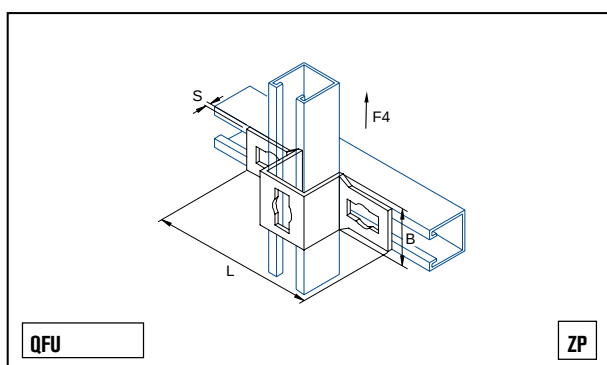
| Part No.  |       | H  | L   | S  | F4 |      |    |
|-----------|-------|----|-----|----|----|------|----|
| ZP        |       | mm | mm  | mm | kN |      |    |
| 139 01 15 | 1 & 3 | 66 | 150 | 4  | 2  | 0.19 | 25 |



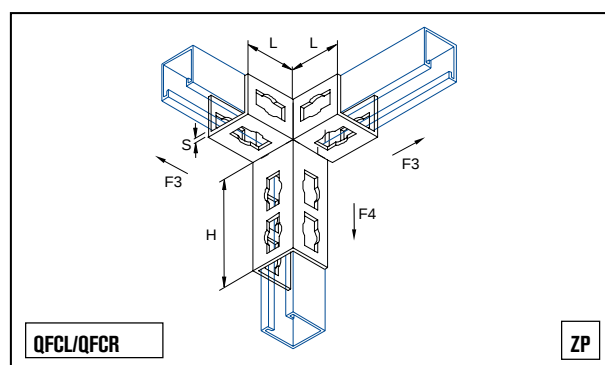
| Part No.  |       | H   | L   | B  | S  | F4 |      |    |
|-----------|-------|-----|-----|----|----|----|------|----|
| ZP        |       | mm  | mm  | mm | mm | kN |      |    |
| 139 41 18 | 6 & 4 | 108 | 175 | 63 | 4  | 3  | 0.69 | 25 |



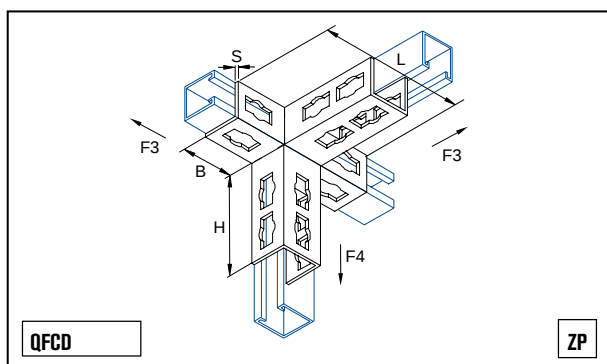
| Part No.  |       | L   | S  | F4 |      |    |
|-----------|-------|-----|----|----|------|----|
| HG        |       | mm  | mm | kN |      |    |
| 139 45 25 | 1 & 1 | 104 | 5  | 2  | 0.46 | 25 |



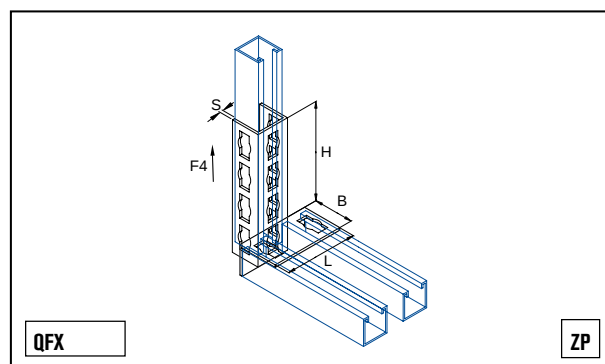
| Part No.  |       | L   | B  | S  | F4 |      |    |
|-----------|-------|-----|----|----|----|------|----|
| ZP        |       | mm  | mm | mm | kN |      |    |
| 139 41 38 | 2 & 1 | 162 | 52 | 4  | 2  | 0.29 | 25 |



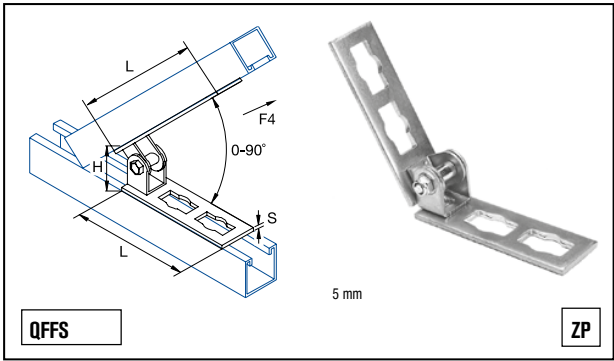
| Part No.  |       | H   | L  | S  | F3 | F4 |      |    |
|-----------|-------|-----|----|----|----|----|------|----|
| ZP        |       | mm  | mm | mm | kN | kN |      |    |
| 139 41 11 | left  | 107 | 62 | 4  | 2  | 3  | 0.66 | 10 |
| 139 41 12 | right | 107 | 62 | 4  | 2  | 3  | 0.66 | 10 |



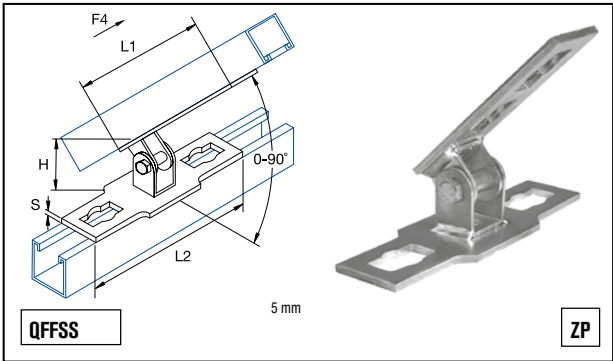
| Part No.  |           | L   | B  | H   | S  | F3 | F4 |      |    |
|-----------|-----------|-----|----|-----|----|----|----|------|----|
| ZP        |           | mm  | mm | mm  | mm | kN | kN |      |    |
| 139 41 78 | 6 & 3 & 4 | 175 | 62 | 108 | 4  | 2  | 3  | 1.10 | 10 |



| Part No.  |            | L   | B  | H   | S  | F4 |      |    |
|-----------|------------|-----|----|-----|----|----|------|----|
| ZP        |            | mm  | mm | mm  | mm | kN |      |    |
| 139 13 92 | 11 & 1 & 1 | 107 | 60 | 150 | 4  | 4  | 1.10 | 10 |

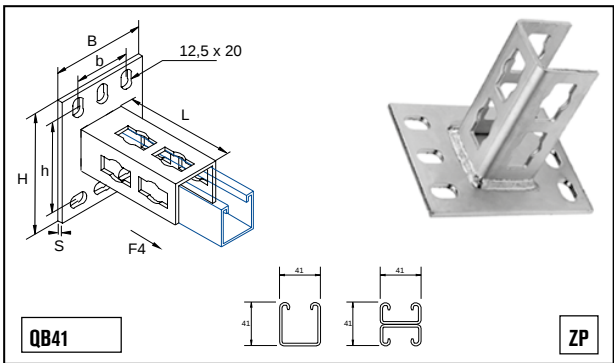


| Part No.  |       | H  | L   | S  | F4 |      |    |
|-----------|-------|----|-----|----|----|------|----|
| ZP        |       | mm | mm  | mm | kN |      |    |
| 139 01 85 | 2 & 2 | 55 | 122 | 5  | 3  | 0.45 | 10 |

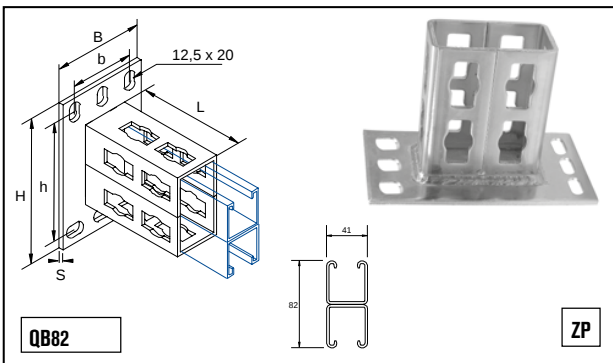


| Part No.  |       | H  | L1  | L2  | S  | F4 |      |
|-----------|-------|----|-----|-----|----|----|------|
| ZP        |       | mm | mm  | mm  | mm | kN |      |
| 139 01 95 | 2 & 2 | 55 | 122 | 176 | 5  | 3  | 0.51 |

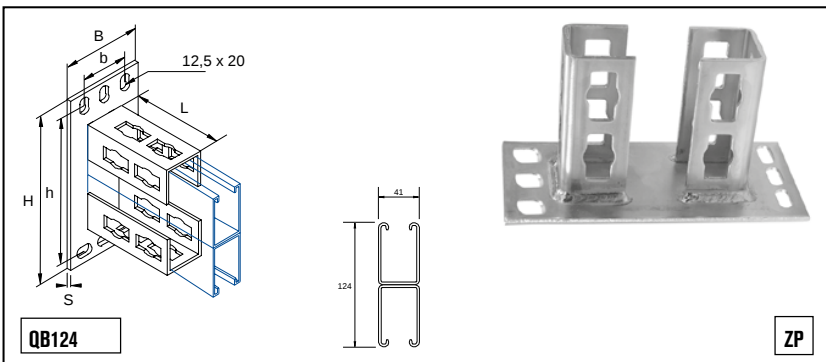
Chanel Base Fittings



| Part No.  |   | F4   | b  | h   | H   | B   | L   | S  |      |
|-----------|---|------|----|-----|-----|-----|-----|----|------|
| ZP        |   | N    | mm | mm  | mm  | mm  | mm  | mm |      |
| 139 41 58 | 6 | 3000 | 62 | 100 | 130 | 100 | 108 | 5  | 0.75 |



| Part No.  |       | b  | h   | H   | B   | L   | S  |      |
|-----------|-------|----|-----|-----|-----|-----|----|------|
| ZP        |       | mm | mm  | mm  | mm  | mm  | mm |      |
| 139 44 58 | 6 & 6 | 62 | 140 | 170 | 130 | 108 | 8  | 1.91 |



| Part No.  |       | b  | h   | H   | B   | L   | S  |      |
|-----------|-------|----|-----|-----|-----|-----|----|------|
| ZP        |       | mm | mm  | mm  | mm  | mm  | mm |      |
| 139 66 58 | 6 & 6 | 62 | 180 | 210 | 130 | 108 | 8  | 2.24 |



**Pre-Galv  
3 Metre  
Length**

| STOCK CODE | L mm |
|------------|------|
| TULL050/10 | 50   |
| TULL075/10 | 75   |
| TULL100/10 | 100  |
| TULL150/10 | 150  |
| TULL225/10 | 225  |
| TULL300/10 | 300  |

### Side Height

50mm - 225mm 12mm  
300mm - 900mm 18mm

### Finish

Pre-galvanised to BS EN 10142.  
Post galvanised to EN ISO 1461:1999.  
Can be pushed together to connect.

### Gauge

50mm - 225mm 0.8  
300mm - 450mm 1.2  
600mm - 900mm 2.0



**Pre-Galv  
90° Bend**

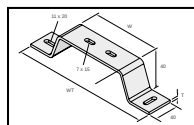


**Pre-Galv  
Equal Tee**

| STOCK CODE | Size |
|------------|------|
| TULB050/90 | 50   |
| TULB075/90 | 75   |
| TULB100/90 | 100  |
| TULB150/90 | 150  |
| TULB225/90 | 225  |
| TULB300/90 | 300  |

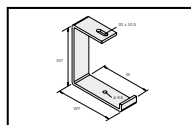
| STOCK CODE | Size |
|------------|------|
| TULT050    | 50   |
| TULT075    | 75   |
| TULT100    | 100  |
| TULT150    | 150  |
| TULT225    | 225  |
| TULT300    | 300  |

## CABLE TRAY ACCESSORIES



**40mm  
Tray Stand  
off Bracket**

| STOCK CODE | Size |
|------------|------|
| TUSB050    | 50   |
| TUSB100    | 100  |
| TUSB150    | 150  |
| TUSB225    | 225  |
| TUSB300    | 300  |
| TUSB450    | 450  |



**Overhead  
Hanger  
Bracket**

| STOCK CODE | Size |
|------------|------|
| OCB75      | 75   |
| OCB100     | 100  |
| OCB150     | 150  |
| OCB225     | 225  |
| OCB300     | 300  |



**Tray  
Divider  
Pre-Galv**

| STOCK CODE | Size |
|------------|------|
| TUMSD      | 50   |
| TUHSD      | 75   |



**Earth  
Continuity  
Strap**

| STOCK CODE | Size |
|------------|------|
| EB100      | All  |



**Pre-Galv  
3 Metre  
Length**

| STOCK CODE  | L mm |
|-------------|------|
| TUMLT050/10 | 50   |
| TUMLT075/10 | 75   |
| TUMLT100/10 | 100  |
| TUMLT150/10 | 150  |
| TUMLT225/10 | 225  |
| TUMLT300/10 | 300  |
| TUMLT450/10 | 450  |
| TUMLT600/10 | 600  |
| TUMLT750/10 | 750  |
| TUMLT900/10 | 900  |

### Side Height

25mm

### Finish

Pre-galvanised to BS EN 10142.  
Post galvanised to EN ISO 1461:1999.

### Gauge

50mm - 225mm 0.8  
300mm - 600mm 1.2  
750mm - 900mm 2.0



**Pre Galv  
Wrap Over  
Coupler**



**Pre-Galv  
Inside  
Coupler**

| STOCK CODE | Size |
|------------|------|
| TUMWCPG    | All  |

| STOCK CODE | Size |
|------------|------|
| TUMSCPG    | All  |



**Pre-Galv  
90° Bend**

| STOCK CODE | Size |
|------------|------|
| TUMB050/90 | 50   |
| TUMB075/90 | 75   |
| TUMB100/90 | 100  |
| TUMB150/90 | 150  |
| TUMB225/90 | 225  |
| TUMB300/90 | 300  |
| TUMB450/90 | 450  |
| TUMB600/90 | 600  |
| TUMB750/90 | 750  |
| TUMB900/90 | 900  |



**Pre-Galv  
45° Bend**

| STOCK CODE | Size |
|------------|------|
| TUMB050/45 | 50   |
| TUMB075/45 | 75   |
| TUMB100/45 | 100  |
| TUMB150/45 | 150  |
| TUMB225/45 | 225  |
| TUMB300/45 | 300  |
| TUMB450/45 | 450  |
| TUMB600/45 | 600  |
| TUMB750/45 | 750  |
| TUMB900/45 | 900  |



**Pre-Galv  
Equal tee**

| STOCK CODE | Size |
|------------|------|
| TUMT050    | 50   |
| TUMT075    | 75   |
| TUMT100    | 100  |
| TUMT150    | 150  |
| TUMT225    | 225  |
| TUMT300    | 300  |
| TUMT450    | 450  |
| TUMT600    | 600  |
| TUMT750    | 750  |
| TUMT900    | 900  |



**Pre-Galv 4  
Way Equal  
Cross**

| STOCK CODE | Size |
|------------|------|
| TUMX050    | 50   |
| TUMX075    | 75   |
| TUMX100    | 100  |
| TUMX150    | 150  |
| TUMX225    | 225  |
| TUMX300    | 300  |
| TUMX450    | 450  |
| TUMX600    | 600  |
| TUMX750    | 750  |
| TUMX900    | 900  |



**Pre-Galv  
Flexible  
Riser  
Internal /  
External**

| STOCK CODE | Size |
|------------|------|
| TUMAR050   | 50   |
| TUMAR075   | 75   |
| TUMAR100   | 100  |
| TUMAR150   | 150  |
| TUMAR225   | 225  |
| TUMAR300   | 300  |
| TUMAR450   | 450  |
| TUMAR600   | 600  |
| TUMAR750   | 750  |
| TUMAR900   | 900  |



**Pre-Galv  
Reducer**

| STOCK CODE | Size |
|------------|------|
| TUMSR075*  | 75   |
| TUMSR100*  | 100  |
| TUMSR150*  | 150  |
| TUMSR225*  | 225  |
| TUMSR300*  | 300  |
| TUMSR450*  | 450  |
| TUMSR600*  | 600  |
| TUMSR750*  | 750  |
| TUMSR900*  | 900  |

Please contact our sales team for price and availability on Post Galvanised & other finishes

When ordering reducers replace '\*' with size to be reduced to.



**Pre-Galv  
3 Metre  
Length**

| STOCK CODE  | L mm |
|-------------|------|
| TUMHT075/10 | 75   |
| TUMHT100/10 | 100  |
| TUMHT150/10 | 150  |
| TUMHT225/10 | 225  |
| TUMHT300/10 | 300  |
| TUMHT450/10 | 450  |
| TUMHT600/10 | 600  |
| TUMHT750/10 | 750  |
| TUMHT900/10 | 900  |

### Side Height

50mm

### Finish

Pre-galvanised to BS EN 10142.  
Post galvanised to EN ISO 1461:1999.

### Gauge

75mm - 150mm 0.8  
225mm - 300mm 1.2  
450mm - 900mm 2.0



**Pre Galv  
Wrap Over  
Coupler**



**Pre-Galv  
Inside  
Coupler**

| STOCK CODE | Size |
|------------|------|
| TUHWCPG    | All  |

| STOCK CODE | Size |
|------------|------|
| TUHSCP     | All  |



**Pre-Galv  
90° Bend**

| STOCK CODE | Size |
|------------|------|
| TUHB075/90 | 75   |
| TUHB100/90 | 100  |
| TUHB150/90 | 150  |
| TUHB225/90 | 225  |
| TUHB300/90 | 300  |
| TUHB450/90 | 450  |
| TUHB600/90 | 600  |
| TUHB750/90 | 750  |
| TUHB900/90 | 900  |



**Pre-Galv  
45° Bend**

| STOCK CODE | Size |
|------------|------|
| TUHB075/90 | 75   |
| TUHB100/90 | 100  |
| TUHB150/90 | 150  |
| TUHB225/90 | 225  |
| TUHB300/90 | 300  |
| TUHB450/90 | 450  |
| TUHB600/90 | 600  |
| TUHB750/90 | 750  |
| TUHB900/90 | 900  |



**Pre-Galv  
Equal tee**

| STOCK CODE | Size |
|------------|------|
| TUHT075    | 75   |
| TUHT100    | 100  |
| TUHT150    | 150  |
| TUHT225    | 225  |
| TUHT300    | 300  |
| TUHT450    | 450  |
| TUHT600    | 600  |
| TUHT750    | 750  |
| TUHT900    | 900  |



**Pre-Galv 4  
Way Equal  
Cross**

| STOCK CODE | Size |
|------------|------|
| TUHX075    | 75   |
| TUHX100    | 100  |
| TUHX150    | 150  |
| TUHX225    | 225  |
| TUHX300    | 300  |
| TUHX450    | 450  |
| TUHX600    | 600  |
| TUHX750    | 750  |
| TUHX900    | 900  |



**Pre-Galv  
Flexible  
Riser  
Internal /  
External**

| STOCK CODE | Size |
|------------|------|
| TUHAR075   | 75   |
| TUHAR100   | 100  |
| TUHAR150   | 150  |
| TUHAR225   | 225  |
| TUHAR300   | 300  |
| TUHAR450   | 450  |
| TUHAR600   | 600  |
| TUHAR750   | 750  |
| TUHAR900   | 900  |



**Pre-Galv  
Reducer**

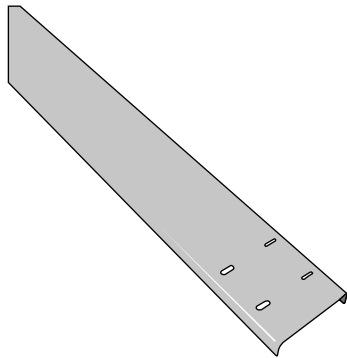
| STOCK CODE | Size |
|------------|------|
| TUHSR075*  | 75   |
| TUHSR100*  | 100  |
| TUHSR150*  | 150  |
| TUHSR225*  | 225  |
| TUHSR300*  | 300  |
| TUHSR450*  | 450  |
| TUHSR600*  | 600  |
| TUHSR750*  | 750  |
| TUHSR900*  | 900  |

Please contact our sales team for price and availability on Post Galvanised & other finishes

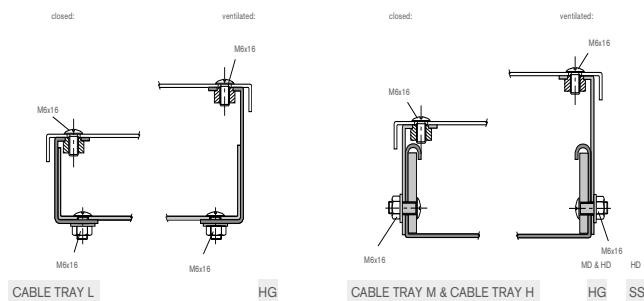
When ordering reducers replace \*\* with size to be reduced to.



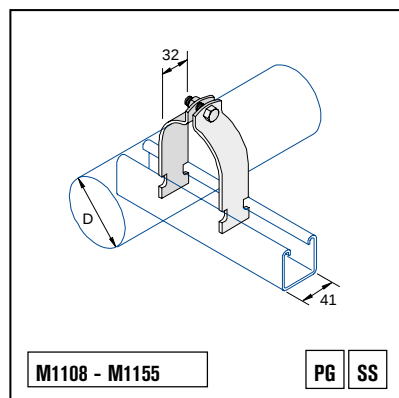
t: +44 (0) 23 8082 8000  
e: sales@vgf.co.uk www.vgf.co.uk



| STOCK CODE HG | STOCK CODE SS | Size | Length |
|---------------|---------------|------|--------|
| TUCLT50/10HG  | TUCLT50/10SS  | 50   | 3m     |
| TUCLT75/10HG  | TUCLT75/10SS  | 75   | 3m     |
| TUCLT100/10HG | TUCLT100/10SS | 100  | 3m     |
| TUCLT150/10HG | TUCLT150/10SS | 150  | 3m     |
| TUCLT225/10HG | TUCLT225/10SS | 225  | 3m     |
| TUCLT300/10HG | TUCLT300/10SS | 300  | 3m     |
| TUCLT450/10HG | TUCLT450/10SS | 450  | 1.5m   |
| TUCLT600/10HG | TUCLT600/10SS | 600  | 1.5m   |
| TUCLT750/10HG | TUCLT750/10SS | 750  | 1.5m   |
| TUCLT900/10HG | TUCLT900/10SS | 900  | 1.5m   |

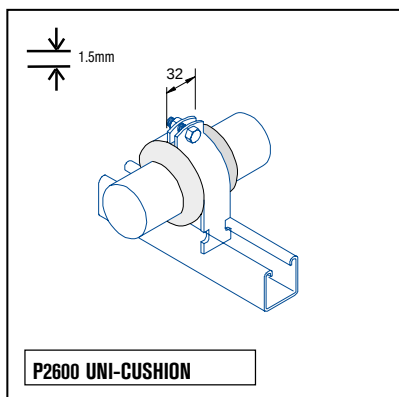


### PIPE CLAMPS FOR UNISTRUT CHANNELS

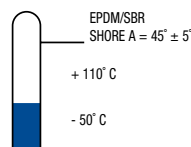


| Part No. | Finish | D  |             |        |
|----------|--------|----|-------------|--------|
|          | PG     | SS | mm          |        |
| M1108    | •      | •  | 8.7 - 10.3  | 35 150 |
| M1109    | •      | •  | 10.3 - 12.7 | 37 150 |
| M1110    | •      | •  | 11.9 - 13.5 | 38 150 |
| M1111    | •      | •  | 13.5 - 14.3 | 39 150 |
| M1112    | •      | •  | 14.3 - 16.7 | 40 150 |
| M1113    | •      | •  | 15.9 - 18.3 | 41 150 |
| M1114    | •      | •  | 18.3 - 20.6 | 45 150 |
| M1115    | •      | •  | 19.0 - 21.4 | 47 150 |
| M1116    | •      | •  | 21.4 - 25.4 | 49 100 |
| M1117    | •      | •  | 25.4 - 27.8 | 53 100 |
| M1118    | •      | •  | 27.0 - 30.2 | 64 100 |
| M1119    | •      | •  | 30.2 - 33.8 | 72 100 |
| M1120    | •      | •  | 31.8 - 35.9 | 72 100 |
| M1121    | •      | •  | 34.9 - 39.7 | 79 100 |
| M1122    | •      | •  | 39.7 - 42.9 | 84 100 |
| M1123    | •      | •  | 42.9 - 46.8 | 90 100 |
| M1124    | •      | •  | 46.8 - 50.8 | 128 50 |
| M1125    | •      | •  | 48.4 - 52.4 | 131 50 |
| M1126    | •      | •  | 52.4 - 58.7 | 137 50 |
| M1127    | •      | •  | 58.7 - 63.5 | 150 50 |
| M1128    | •      | •  | 63.5 - 68.3 | 160 50 |
| M1129    | •      | •  | 68.3 - 73.0 | 164 50 |
| M1130    | •      | •  | 73.0 - 79.4 | 171 50 |
| M1131    | •      | •  | 76.2 - 82.6 | 175 50 |

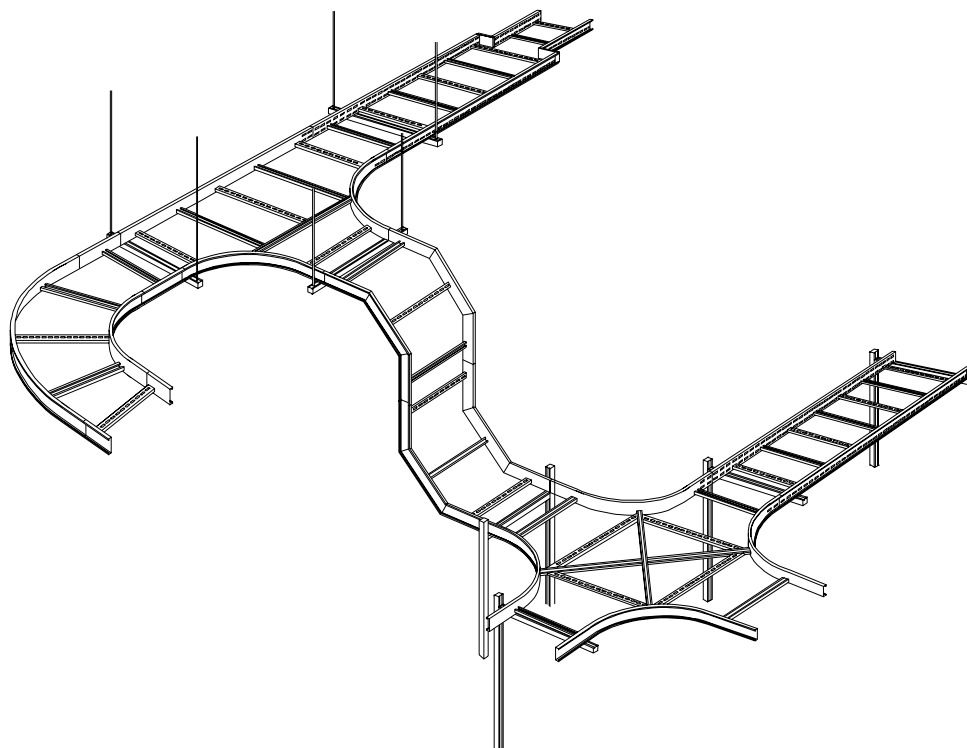
| Part No. | Finish | D  |               |        |
|----------|--------|----|---------------|--------|
|          | PG     | SS | mm            |        |
| M1132    | •      | •  | 82.6 - 88.1   | 35 150 |
| M1133    | •      | •  | 88.1 - 95.2   | 37 150 |
| M1134    | •      | •  | 95.2 - 100.0  | 38 150 |
| M1135    | •      | •  | 100.0 - 106.4 | 39 150 |
| M1136    | •      | •  | 106.4 - 111.1 | 40 150 |
| M1137    | •      | •  | 111.1 - 120.7 | 41 150 |
| M1138    | •      | •  | 120.7 - 129.4 | 45 150 |
| M1139    | •      | •  | 129.4 - 138.1 | 47 150 |
| M1140    | •      | •  | 138.1 - 149.2 | 49 100 |
| M1141    | •      | •  | 149.2 - 161.9 | 53 100 |
| M1142    | •      | •  | 161.9 - 174.6 | 64 100 |
| M1143    | •      | •  | 174.6 - 182.6 | 72 100 |
| M1144    | •      | •  | 182.6 - 190.5 | 72 100 |
| M1145    | •      | •  | 190.5 - 203.2 | 79 100 |
| M1146    | •      | •  | 203.2 - 212.7 | 84 100 |
| M1147    | •      | •  | 212.7 - 225.4 | 90 100 |
| M1148    | •      | •  | 225.4 - 238.1 | 128 50 |
| M1149    | •      | •  | 238.1 - 250.8 | 131 50 |
| M1150    | •      | •  | 250.8 - 263.5 | 137 50 |
| M1151    | •      | •  | 263.5 - 276.2 | 150 50 |
| M1152    | •      | •  | 275.2 - 288.9 | 160 50 |
| M1153    | •      | •  | 288.9 - 301.6 | 164 50 |
| M1154    | •      | •  | 301.6 - 314.3 | 171 50 |
| M1155    | •      | •  | 314.3 - 327.0 | 175 50 |



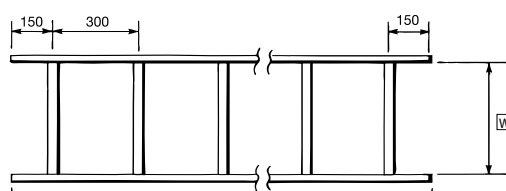
| Part No. | Size | T   | L |      |
|----------|------|-----|---|------|
|          | mm   | mm  | m | kg   |
| P2600    | 32   | 1.5 | 8 | 1.02 |



EPDM insulation for M11 and SS2 series clamps

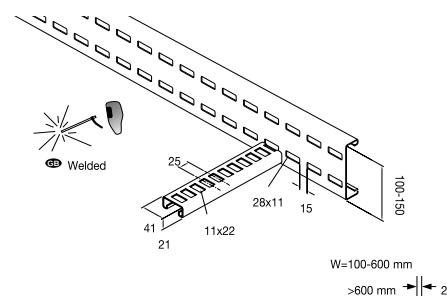


### Rung Distance

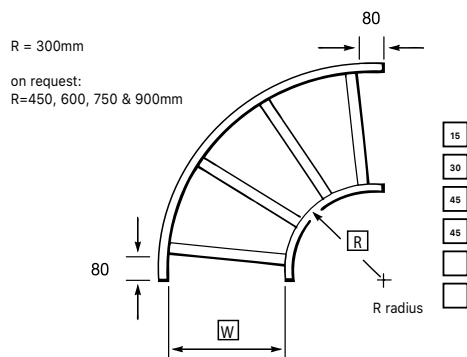


L - 6M & 3M

### Rung Dimensions



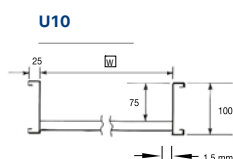
### Fitting Radius



### Possible Width & Radius

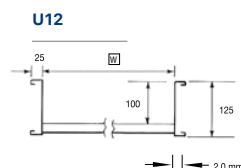
| Standard Widths | By Requests  | Radii                 |
|-----------------|--------------|-----------------------|
| W               | W            | R                     |
| 15 = 150mm      | 10 = 100mm   | 30 = 300mm (standard) |
| 30 = 300mm      | 20 = 200mm   | 45 = 450mm            |
| 45 = 450mm      | 40 = 400mm   | 60 = 600mm            |
| 60 = 600mm      | 50 = 500mm   | 75 = 750mm            |
| 75 = 750mm      | 70 = 700mm   | 90 = 900mm            |
| 90 = 900mm      | 80 = 800mm   |                       |
|                 | 100 = 1000mm |                       |

### MEDIUM DUTY



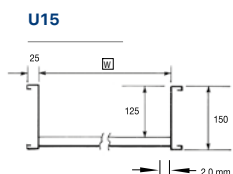
| CODE      | DESCRIPTION                              |
|-----------|------------------------------------------|
| U10L3150H | 150 x 100mm deep cable ladder x 3MTR.HDG |
| U10L3300H | 300 x 100mm deep cable ladder x 3MTR.HDG |
| U10L3450H | 450 x 100mm deep cable ladder x 3MTR.HDG |
| U10L3600H | 600 x 100mm deep cable ladder x 3MTR.HDG |
| U10L3750H | 750 x 100mm deep cable ladder x 3MTR.HDG |
| U10L3900H | 900 x 100mm deep cable ladder x 3MTR.HDG |

### HEAVY DUTY



| CODE      | DESCRIPTION                              |
|-----------|------------------------------------------|
| U12L3150H | 150 x 125mm deep cable ladder x 3MTR.HDG |
| U12L3300H | 300 x 125mm deep cable ladder x 3MTR.HDG |
| U12L3450H | 450 x 125mm deep cable ladder x 3MTR.HDG |
| U12L3600H | 600 x 125mm deep cable ladder x 3MTR.HDG |
| U12L3750H | 750 x 125mm deep cable ladder x 3MTR.HDG |
| U12L3900H | 900 x 125mm deep cable ladder x 3MTR.HDG |

### EXTRA HEAVY DUTY

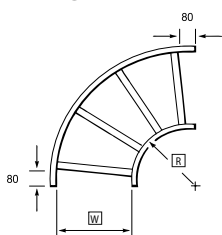
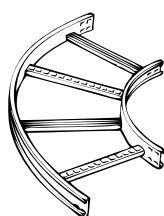


| CODE      | DESCRIPTION                              |
|-----------|------------------------------------------|
| U15L3150H | 150 x 150mm deep cable ladder x 3MTR.HDG |
| U15L3300H | 300 x 150mm deep cable ladder x 3MTR.HDG |
| U15L3450H | 450 x 150mm deep cable ladder x 3MTR.HDG |
| U15L3600H | 600 x 150mm deep cable ladder x 3MTR.HDG |
| U15L3750H | 750 x 150mm deep cable ladder x 3MTR.HDG |
| U15L3900H | 900 x 150mm deep cable ladder x 3MTR.HDG |

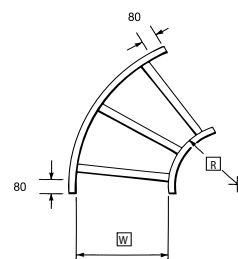
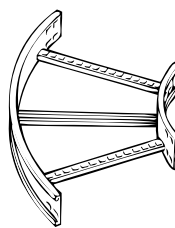
### STAINLESS STEEL

FOR STAINLESS STEEL PLEASE ADD SS TO  
END OF STANDARD STOCK CODES

### Flat Bends 90 & 45 Degree - Medium

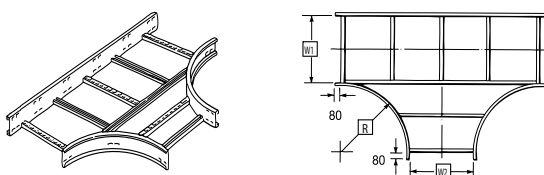


| CODE           | DESCRIPTION                                       |
|----------------|---------------------------------------------------|
| U10FB15/90/30H | 150 x 100mm deep cable ladder 90 degree flat bend |
| U10FB30/90/30H | 300 x 100mm deep cable ladder 90 degree flat bend |
| U10FB45/90/30H | 450 x 100mm deep cable ladder 90 degree flat bend |
| U10FB60/90/30H | 600 x 100mm deep cable ladder 90 degree flat bend |
| U10FB75/90/30H | 750 x 100mm deep cable ladder 90 degree flat bend |
| U10FB90/90/30H | 900 x 100mm deep cable ladder 90 degree flat bend |



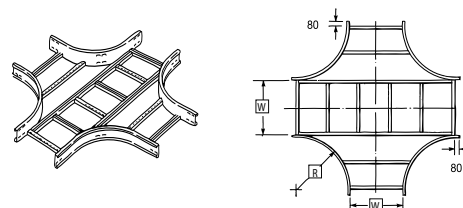
| CODE           | DESCRIPTION                                       |
|----------------|---------------------------------------------------|
| U10FB15/45/30H | 150 x 100mm deep cable ladder 45 degree flat bend |
| U10FB30/45/30H | 300 x 100mm deep cable ladder 45 degree flat bend |
| U10FB45/45/30H | 450 x 100mm deep cable ladder 45 degree flat bend |
| U10FB60/45/30H | 600 x 100mm deep cable ladder 45 degree flat bend |
| U10FB75/45/30H | 750 x 100mm deep cable ladder 45 degree flat bend |
| U10FB90/45/30H | 900 x 100mm deep cable ladder 45 degree flat bend |

### Ladder Tee - Medium



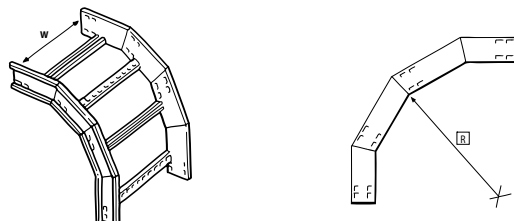
| CODE           | DESCRIPTION                             |
|----------------|-----------------------------------------|
| U10ET15/15/30H | 150 x 100mm deep cable ladder equal tee |
| U10ET30/30/30H | 300 x 100mm deep cable ladder equal tee |
| U10ET45/45/30H | 450 x 100mm deep cable ladder equal tee |
| U10ET60/60/30H | 600 x 100mm deep cable ladder equal tee |
| U10ET75/75/30H | 750 x 100mm deep cable ladder equal tee |
| U10ET90/90/30H | 900 x 100mm deep cable ladder equal tee |

### Ladder Cross - Medium



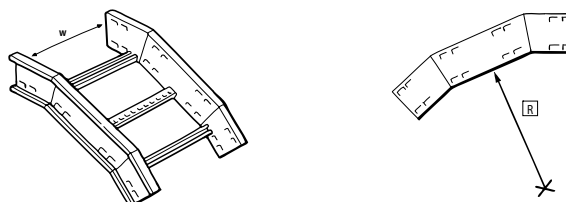
| CODE           | DESCRIPTION                               |
|----------------|-------------------------------------------|
| U10EC15/15/30H | 150 x 100mm deep cable ladder equal cross |
| U10EC30/30/30H | 300 x 100mm deep cable ladder equal cross |
| U10EC45/45/30H | 450 x 100mm deep cable ladder equal cross |
| U10EC60/60/30H | 600 x 100mm deep cable ladder equal cross |
| U10EC75/75/30H | 750 x 100mm deep cable ladder equal cross |
| U10EC90/90/30H | 900 x 100mm deep cable ladder equal cross |

### Outside Riser 90 Degree - Medium



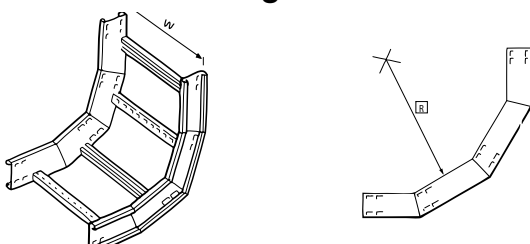
| CODE           | DESCRIPTION                                    |
|----------------|------------------------------------------------|
| U10OR15/90/30H | 150 x 100mm deep cable ladder 90 outside riser |
| U10OR30/90/30H | 300 x 100mm deep cable ladder 90 outside riser |
| U10OR45/90/30H | 450 x 100mm deep cable ladder 90 outside riser |
| U10OR60/90/30H | 600 x 100mm deep cable ladder 90 outside riser |
| U10OR75/90/30H | 750 x 100mm deep cable ladder 90 outside riser |
| U10OR90/90/30H | 900 x 100mm deep cable ladder 90 outside riser |

### Outside Riser 45 Degree - Medium



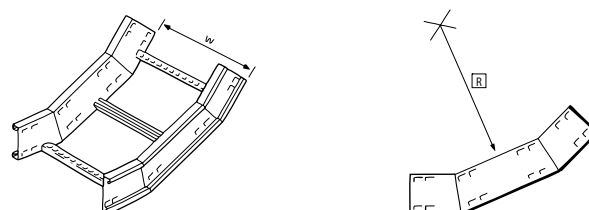
| CODE           | DESCRIPTION                                    |
|----------------|------------------------------------------------|
| U10OR15/45/30H | 150 x 100mm deep cable ladder 45 outside riser |
| U10OR30/45/30H | 300 x 100mm deep cable ladder 45 outside riser |
| U10OR45/45/30H | 450 x 100mm deep cable ladder 45 outside riser |
| U10OR60/45/30H | 600 x 100mm deep cable ladder 45 outside riser |
| U10OR75/45/30H | 750 x 100mm deep cable ladder 45 outside riser |
| U10OR90/45/30H | 900 x 100mm deep cable ladder 45 outside riser |

### Inside Riser 90 Degree - Medium



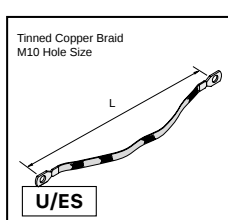
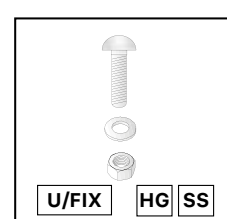
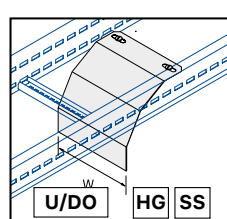
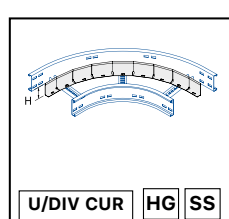
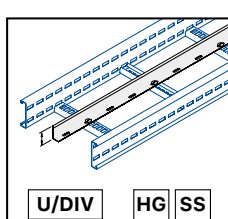
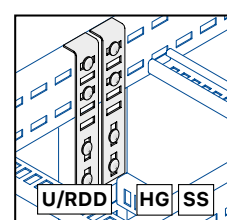
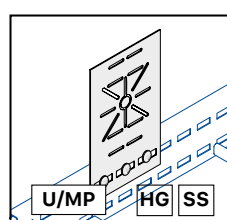
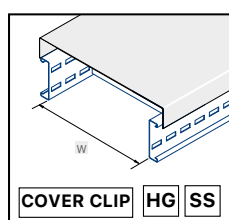
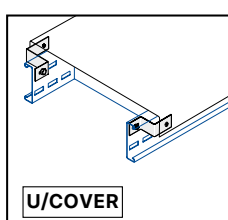
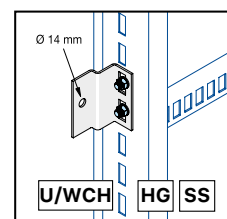
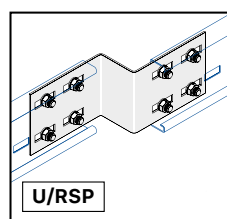
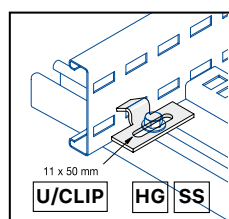
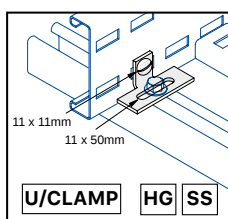
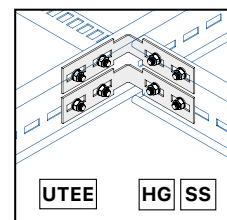
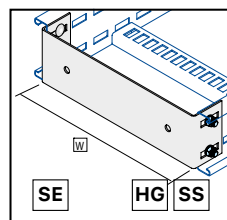
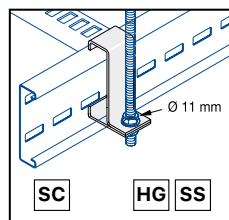
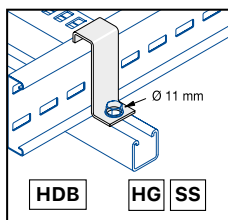
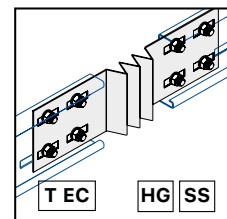
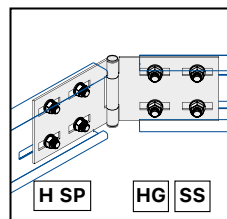
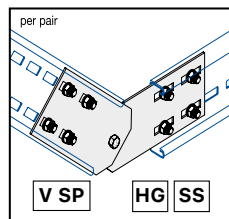
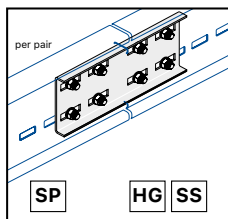
| CODE           | DESCRIPTION                                   |
|----------------|-----------------------------------------------|
| U10IR15/90/30H | 150 x 100mm deep cable ladder 90 inside riser |
| U10IR30/90/30H | 300 x 100mm deep cable ladder 90 inside riser |
| U10IR45/90/30H | 450 x 100mm deep cable ladder 90 inside riser |
| U10IR60/90/30H | 600 x 100mm deep cable ladder 90 inside riser |
| U10IR75/90/30H | 750 x 100mm deep cable ladder 90 inside riser |
| U10IR90/90/30H | 900 x 100mm deep cable ladder 90 inside riser |

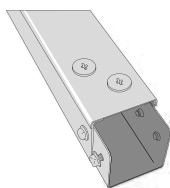
### Inside Riser 45 Degree - Medium



| CODE          | DESCRIPTION                                   |
|---------------|-----------------------------------------------|
| U10R15/45/30H | 150 x 100mm deep cable ladder 45 inside riser |
| U10R30/45/30H | 300 x 100mm deep cable ladder 45 inside riser |
| U10R45/45/30H | 450 x 100mm deep cable ladder 45 inside riser |
| U10R60/45/30H | 600 x 100mm deep cable ladder 45 inside riser |
| U10R75/45/30H | 750 x 100mm deep cable ladder 45 inside riser |
| U10R90/45/30H | 900 x 100mm deep cable ladder 45 inside riser |

For heavy and extra heavy duty equivalents ask for more information in branch.





| CODE        | DESCRIPTION                |
|-------------|----------------------------|
| <b>RU22</b> | 50 x 50mm cable trunking   |
| <b>RU33</b> | 75 x 75mm cable trunking   |
| <b>RU44</b> | 100 x 100mm cable trunking |
| <b>RU66</b> | 150 x 150mm cable trunking |



**90° Top  
Lid Bend**

| STOCK CODE       | Size |
|------------------|------|
| <b>RU22SBT90</b> | 50   |
| <b>RU33SBT90</b> | 75   |
| <b>RU44SBT90</b> | 100  |
| <b>RU66SBT90</b> | 150  |



**90° External  
Lid Bend**

| STOCK CODE       | Size |
|------------------|------|
| <b>RU22GB090</b> | 50   |
| <b>RU33GB090</b> | 75   |
| <b>RU44GB090</b> | 100  |
| <b>RU66GB090</b> | 150  |



**90°  
Internal  
Lid Bend**

| STOCK CODE       | Size |
|------------------|------|
| <b>RU22GBI90</b> | 50   |
| <b>RU33GBI90</b> | 75   |
| <b>RU44GBI90</b> | 100  |
| <b>RU66GBI90</b> | 150  |



**45° Top  
Lid Bend**

| STOCK CODE        | Size |
|-------------------|------|
| <b>RU22SGBT45</b> | 50   |
| <b>RU33SGBT45</b> | 75   |
| <b>RU44SGBT45</b> | 100  |
| <b>RU66SGBT45</b> | 150  |



**45° External  
Lid Bend**

| STOCK CODE        | Size |
|-------------------|------|
| <b>RU22GB045</b>  | 50   |
| <b>RU33GB075</b>  | 75   |
| <b>RU44GB0100</b> | 100  |
| <b>RU66GB0150</b> | 150  |



**45°  
Internal  
Lid Bend**

| STOCK CODE        | Size |
|-------------------|------|
| <b>RU22GBI45</b>  | 50   |
| <b>RU33GBI75</b>  | 75   |
| <b>RU44GBI100</b> | 100  |
| <b>RU66GBI150</b> | 150  |



**90° Top  
Lid Tee  
Gusset**

| STOCK CODE        | Size |
|-------------------|------|
| <b>RU22SBTT90</b> | 50   |
| <b>RU33SBTT90</b> | 75   |
| <b>RU44SBTT90</b> | 100  |
| <b>RU66SBTT90</b> | 150  |



**90°  
Internal  
Lid Tee**

| STOCK CODE     | Size |
|----------------|------|
| <b>RU22GTI</b> | 50   |
| <b>RU33GTI</b> | 75   |
| <b>RU44GTI</b> | 100  |
| <b>RU66GTI</b> | 150  |



**90°  
External  
Lid Tee**

| STOCK CODE     | Size |
|----------------|------|
| <b>RU22GTO</b> | 50   |
| <b>RU33GTO</b> | 75   |
| <b>RU44GTO</b> | 100  |
| <b>RU66GTO</b> | 150  |



**45° Top  
Lid Tee  
Gusset**

| STOCK CODE        | Size |
|-------------------|------|
| <b>RU22SBTT45</b> | 50   |
| <b>RU33SBTT45</b> | 75   |
| <b>RU44SBTT45</b> | 100  |
| <b>RU66SBTT45</b> | 150  |



**Stop End**

| STOCK CODE   | Size |
|--------------|------|
| <b>RU22E</b> | 50   |
| <b>RU33E</b> | 75   |
| <b>RU44E</b> | 100  |
| <b>RU66E</b> | 150  |



**4 Way  
Intersection**

| STOCK CODE     | Size |
|----------------|------|
| <b>RU22GFT</b> | 50   |
| <b>RU33GFT</b> | 75   |
| <b>RU44GFT</b> | 100  |
| <b>RU66GFT</b> | 150  |



**Outlet Flange**

| STOCK CODE | Size |
|------------|------|
| RU22F      | 50   |
| RU33F      | 75   |
| RU44F      | 100  |
| RU66F      | 150  |



**Trunking Hanger**

| STOCK CODE | Size |
|------------|------|
| RLUSUS5011 | 11   |
| RLUSUS5020 | 20   |



**Trunking Reducer**

| STOCK CODE | Size |
|------------|------|
| RU22B      | 50   |
| RU33B      | 75   |
| RU44B      | 100  |
| RU66B      | 150  |



**Spare Trunking Connector**

| STOCK CODE | Size |
|------------|------|
| RU22FA     | 50   |
| RU33FA     | 75   |
| RU44FA     | 100  |
| RU66FA     | 150  |



**Trunking Coupler**

| STOCK CODE | Size |
|------------|------|
| RU22C      | 50   |
| RU33C      | 75   |
| RU44C      | 100  |
| RU66C      | 150  |



**Light Fitting Suspension Unit**

| STOCK CODE | Size |
|------------|------|
| RU22C      | 50   |
| RU33C      | 75   |
| RU44C      | 100  |
| RU66C      | 150  |

### Additional Accessories

| DESCRIPTION | Code |
|-------------|------|
| Earth Link  | UEL  |



| CODE    | DESCRIPTION                             |
|---------|-----------------------------------------|
| RLU2230 | 50 x 50mm lighting trunking 3m length   |
| RLU2245 | 50 x 50mm lighting trunking 4.5m length |



**Trunking Covers**

| STOCK CODE | Material   |
|------------|------------|
| RLULID20PL | Plastic    |
| RLULID20PG | Galvanised |



**Flat 90° Bend**

| STOCK CODE | Size |
|------------|------|
| RLU22BT90  | 50   |



**Internal 90° Bend**

| STOCK CODE | Size |
|------------|------|
| RLU22GBI90 | 50   |



**External 90° Bend**

| STOCK CODE | Size |
|------------|------|
| RLU22GB090 | 50   |



**Flat 45° Bend**

| STOCK CODE | Size |
|------------|------|
| RLU22BT45  | 50   |



**Internal 45° Bend**

| STOCK CODE | Size |
|------------|------|
| RLU22BI45  | 50   |



**External 45° Bend**

| STOCK CODE | Size |
|------------|------|
| RLU22B045  | 50   |



**Flat Tee**

| STOCK CODE | Size |
|------------|------|
| RLU22BTT   | 50   |



**4 way Intersection**

| STOCK CODE | Size |
|------------|------|
| RLU22FFT   | 50   |



**Stop End**

| STOCK CODE | Size |
|------------|------|
| RLU22E     | 50   |



**Long Coupler**

| STOCK CODE | Size |
|------------|------|
| RLUCOUPLNG | 50   |



**Outlet Flange**

| STOCK CODE | Size |
|------------|------|
| RLU22F     | 50   |



**Light Fitting Suspension Unit**

| STOCK CODE | Size |
|------------|------|
| RLUSUSFIT  | 50   |



**Hanger**

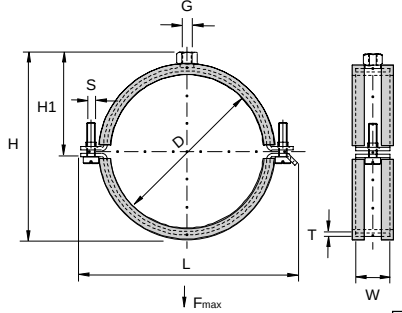
| STOCK CODE | Size |
|------------|------|
| RLUSUS5011 | 50   |

### SOUND INSULATED PIPE CLIPS WITH STANDARD 2 SCREWS - STAINLESS STEEL

**M8/M10**



**STANDARD R**



**ZP**

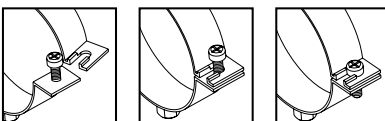
EPDM/SBR  
SHORE A = 45° ± 5°

+ 110° C  
- 50° C

**Baustoffklasse**  
**B2**  
"Normal entflammbar"  
nach DIN 4102

Sound insulation tested

Sound insulation value on average 22 dB (A)



Side lock system for Part numbers 125...

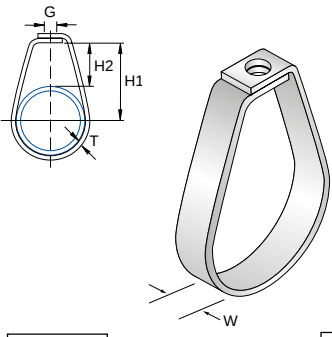
| Part No.  | Finish | "      | D         | mm | WxT       | H   | H1 | L   | S  | Fmax | kg/100 |     |
|-----------|--------|--------|-----------|----|-----------|-----|----|-----|----|------|--------|-----|
| 125 70 15 | •      |        | 14 - 17   |    | 20 x 1.00 | 34  | 20 | 55  | M5 | 600  | 4.4    | 100 |
| 125 70 18 | •      | 3/8"   | 17 - 20   |    | 20 x 1.00 | 36  | 22 | 58  | M5 | 600  | 5.0    | 100 |
| 125 70 22 | •      | 1/2"   | 21 - 24   |    | 20 x 1.00 | 40  | 23 | 59  | M5 | 600  | 5.0    | 100 |
| 125 70 28 | •      | 3/4"   | 27 - 30   |    | 20 x 1.00 | 46  | 26 | 66  | M5 | 600  | 6.0    | 100 |
| 125 70 35 | •      | 1"     | 33 - 36   |    | 20 x 1.00 | 52  | 30 | 73  | M5 | 600  | 9.0    | 100 |
| 125 70 40 | •      |        | 38 - 41   |    | 20 x 1.00 | 56  | 31 | 79  | M5 | 600  | 7.0    | 100 |
| 125 70 42 | •      | 1 1/4" | 42 - 45   |    | 20 x 1.00 | 60  | 34 | 82  | M5 | 600  | 7.0    | 50  |
| 125 70 48 | •      | 1 1/2" | 48 - 51   |    | 20 x 1.00 | 66  | 37 | 89  | M5 | 600  | 7.3    | 50  |
| 125 70 54 | •      |        | 54 - 57   |    | 20 x 1.50 | 73  | 41 | 98  | M5 | 1400 | 10.0   | 50  |
| 125 70 60 | •      | 2"     | 59 - 62   |    | 20 x 1.50 | 79  | 43 | 101 | M5 | 1400 | 10.8   | 50  |
| 125 70 70 | •      |        | 67 - 72   |    | 25 x 1.50 | 94  | 53 | 116 | M6 | 1900 | 14.0   | 50  |
| 125 70 76 | •      | 2 1/2" | 72 - 78   |    | 25 x 1.50 | 100 | 56 | 123 | M6 | 1900 | 15.5   | 50  |
| 125 70 83 | •      |        | 82 - 86   |    | 25 x 2.00 | 97  | 56 | 116 | M6 | 1900 | 20.6   | 50  |
| 125 70 89 | •      | 3"     | 84 - 89   |    | 25 x 2.00 | 108 | 61 | 134 | M6 | 2300 | 21.0   | 50  |
| 125 71 14 | •      | 4"     | 109 - 114 |    | 25 x 2.00 | 136 | 81 | 162 | M6 | 2300 | 24.4   | 50  |

### SPRINKLER HANGERS

| Part No. | PG | Finish | SS | D      | G  | W x T    | H1  | H2  | kg/100 |     | Approval* |
|----------|----|--------|----|--------|----|----------|-----|-----|--------|-----|-----------|
| FIL00212 | •  | •      | •  | 1/2"   | 11 | 25 x 1.2 | 35  | 20  | 5.0    | 100 |           |
| FIL00272 | •  | •      | •  | 3/4"   | 11 | 25 x 1.2 | 35  | 20  | 5.0    | 100 | FM LPCB   |
| FIL00342 | •  | •      | •  | 1"     | 11 | 25 x 1.2 | 43  | 26  | 5.0    | 100 | FM LPCB   |
| FIL00422 | •  | •      | •  | 1 1/4" | 11 | 25 x 1.2 | 50  | 30  | 5.0    | 100 | FM LPCB   |
| FIL00482 | •  | •      | •  | 1 1/2" | 11 | 25 x 1.2 | 60  | 35  | 6.0    | 100 | FM LPCB   |
| FIL00602 | •  | •      | •  | 2"     | 11 | 25 x 1.2 | 60  | 30  | 7.0    | 100 | FM LPCB   |
| FIL00762 | •  | •      | •  | 2 1/2" | 11 | 25 x 1.6 | 81  | 33  | 10.0   | 100 | FM LPCB   |
| FIL00892 | •  | •      | •  | 3"     | 11 | 25 x 1.6 | 85  | 40  | 11.0   | 100 | FM LPCB   |
| FIL01142 | •  | •      | •  | 4"     | 11 | 32 x 1.6 | 113 | 56  | 20.0   | 100 | FM LPCB   |
| FIL01682 | •  | •      | •  | 6"     | 13 | 32 x 2.5 | 145 | 60  | 40.0   | 100 | FM LPCB   |
| FIL02192 | •  | •      | •  | 8"     | 18 | 40 x 3.0 | 200 | 90  | 75.0   | 100 | FM LPCB   |
| FIL02732 | •  | •      | •  | 10"    | 22 | 50 x 3.0 | 250 | 130 | 115.0  | 100 |           |

\*Approval only applicable for finish

PG



**FILBOW**

**PG**



# UNISTRUT®

## PREFABRICATED & MODULAR SYSTEMS

Unistrut is able to offer a wide range of expertise and services to supply custom solutions to suit the needs of any project.

### **The complete bespoke solution from Unistrut**

We understand the challenges that modern infrastructure projects create. It's often the case that an off-the-shelf solution is unable to answer all of your needs and requirements – especially when there are specific location, timing, or environmental issues to consider.

In these situations a bespoke solution can offer you the durability and flexibility you need to successfully deliver your project.

Our prefabricated framing service specialises in solving complex framing issues. Our ability to assess, design, build and support bespoke framing systems has proven to be invaluable on a variety of major projects.

### **Working with a wide range of industries**

Our products help to support the infrastructure that is vital to modern industry and commerce. The Unistrut product range can be seen in over 50 industry sectors where expertise and reliability are vital to success.

Our team of framing experts design and deliver projects that keep industry functioning – from the petrochemical sector to transportation, from the oil and gas industry through to the latest developments in high-tech data-centres.



Oil and gas



Rail



Petrochemical



Aviation



Data  
centres



Nuclear



t: +44 (0) 23 8082 8000  
e: sales@vgf.co.uk www.vgf.co.uk

## TRAPEZE FRAMES

### Multi-Service support for mechanical, electrical and ventilation

#### Fully Specified

Each threaded rod unit can be supplied to the clients specific requirements, ensuring that every job is met with accurate and ready to install modules. Specific dimensions on the size of channel used and the diameter of the threaded rod can be specified to Unistrut upon enquiry.

#### Multiple Tiers

Each unit can be supplied as a single, or multi-tiered sets, to allow for multiple changing configurations on-site.

#### Best Practice

Each trapeze frame is manufactured to Unistrut's best practice, which includes our square plate and flat washers. Unistrut ensure each unit is manufactured to comply with all applicable standards.

#### Application Specific

Each trapeze unit is designed to specific customer requirements, with application driven load calculations done beforehand to ensure each unit can support all on-site requirements.



## H-FRAMES

### Multi-Service brackets manufactured from Unistrut, available as welded or bolted systems

Unistrut's H-Frames can be supplied in two system configurations to allow for flexibility when ordering the product.

H-Frames are available as follows:

#### Bolted System

Unistrut's bolted system is supplied with all accessories pre-installed to the unit using nut and bolt configurations. This solution is ideal for projects where the installer may need to make small adjustments based on on-site requirements.

#### Welded System

Unistrut's welded H-frames are designed for rigidity and sustained product life. Each welded unit is supplied complete and cannot be adjusted to suit on-site requirements, as all design requirements are signed off before manufacture.



## KIT ASSEMBLIES

**Bespoke modular units, delivered complete & ready to install**

Unistrut's Kit assemblies are designed for installation on projects where multiple repeating specifications are required, and are supplied complete, ensuring each order arrived with the exact number of components and accessories.

Benefits of kit modules include reduced waste on site, reduced time spent cutting and assembling framing, and ensures that exact quantities are delivered each time.

**Reduced time on-site**

By ordering Unistrut Kit modules, you can be sure each unit arrives on site-ready to install.

**Reduced waste**

Each unit is supplied pre-cut to exact lengths requested, ensuring no excess waste is produced on-site.

**Exact quantities**

Each module is delivered, assembled complete with all accessories and fittings required. This ensures no excess waste is created during installation.

**Each module supplied with a single bill of materials, and handled as a single order**

When kit assemblies are ordered, each order is processed as a single unit, with a bill of materials being delivered to the customer for approval.

Unistrut then manage the ordering process, ensuring that each kit is supplied as one order of a single unit, rather than one order for multiple parts.

*Example bill of materials for Unistrut Kit Assembly.  
Unit would be ordered as a WS##11481*

## Bill of materials

| Item       | Qty | Part Number | Description           |
|------------|-----|-------------|-----------------------|
| 1          | 2   | P1000X1000  | Plain Channel PG      |
| 2          | 1   | P1000X2000  | Plain Channel PG      |
| 3          | 1   | P1000X1250  | Plain Channel PG      |
| 4          | 2   | P1000X2500  | Plain Channel PG      |
| 5          | 2   | P1000X600   | Plain Channel PG      |
| 6          | 4   | P2223       | Double Corner Bracket |
| 7          | 33  | PNP12A      | M12 Channel Nut       |
| 8          | 33  | 933312X30   | Hex-Head Bolt         |
| 9          | 33  | 125M12      | Washer                |
| Order Code |     |             | WS1011481             |



## 2D MODULES



### 2D Modules to support multiple services supplying mechanical and electrical services

Similar to our H-Frames, Unistrut 2D modules are completely manufactured and delivered to site ready to install. Designed to house a large number of containment and infrastructure, including ventilation and air conditioning units, Unistrut's 2D modules can be installed vertically and horizontally. Vertical units can be utilised to carry service risers through high-rise builds. 2D modules are also available as bolted or welded units.

#### Delivered complete

Each 2D module is delivered complete, ready to install and ready to house a wide variety of services.

#### Quality Manufacturing

Unistrut's 2D modules are manufactured to Unistrut's strict quality levels, and each is tested to meet the load specification from the client.



### Support

Unistrut's 2D modules are designed to carry a wide range of mechanical and electrical services and support pipework, also known as 'skids'.

### Bolted or Welded Assembly

Unistrut's 2D modules are available as bolted or welded units, allowing for enhanced rigidity, or design flexibility as required.

### Risers

Our 2D modules are also designed to carry service risers throughout high-rise builds.



## 3D MODULES

### Unpopulated 3D modules, designed as extensions of the 2D model, manufactured to house a wide range of electrical and mechanical services

Unistrut 3D modules are designed to house a complex series of electrical and mechanical infrastructure.

Unistrut's Modular service ensures each unit is manufactured to the customers specific requirements, and clear guidance and technical support, as well as regular updates are provided throughout the duration of manufacture.

#### Bolted or Welded Assemblies

Unistrut 3D modules can be delivered as bolted or welded units. Bolted units give the client the flexibility to alter units to suit on-site requirements, whilst welded units provide a stronger more rigid base to house services.

#### Scope of work

Unistrut are able to manufacture a wide scope of 3D modules, whether the client requires a one-off design solution, or hundreds of modules. No project is the same, and Unistrut are able to offer a wide variety of flexible solutions to suit the clients needs.



### Ready to install

Unistrut 3D modules are assembled in-house at our specialist facility and delivered to site, complete and ready to install.

### Flexible design service

Unistrut offer a complete design assistance service, ensuring each module is drawn and signed off before manufacture.



## POPULATED MODULES

### Fully populated modules with mechanical and electrical services installed.

Unistrut are also able to populate our 2D and 3D modules with a number of services from our range of electrical raceway products.

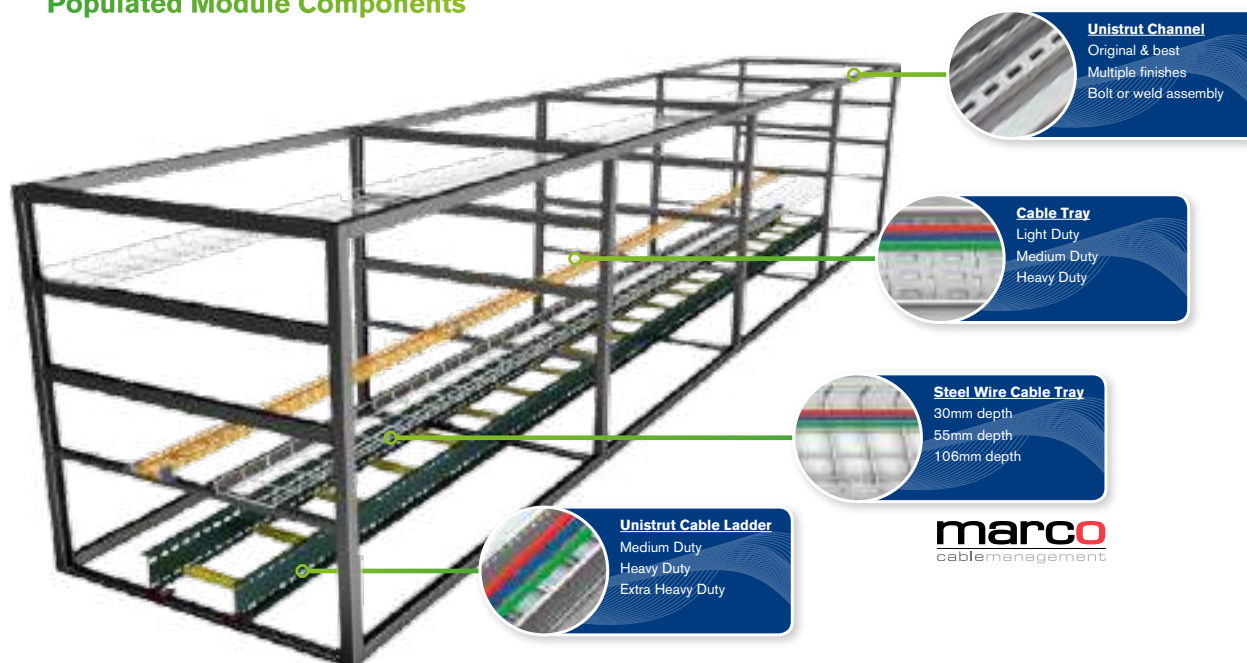
This includes our cable ladder, cable tray, cable trunking and Marco wire basket tray.

These products are all installed in the modules before shipping and secured in place using a range of Unistrut fittings and accessories.

Unistrut's ability to offer fully serviced M&E modules allows us to take on a wider variety of projects, giving our modular framing systems a wider application reach.

Quality assurance is integral to the manufacture of each module, with each being thoroughly checked prior to delivery, ensuring each unit is fully compliant with relevant standards and specifications.

### Populated Module Components



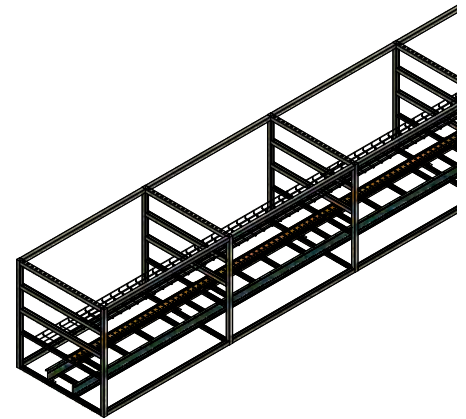
## TECHNICAL CAPABILITIES & ENGINEERING SUPPORT

### Working with clients to ensure each module is supplied in line with project timetables

Unistrut are able to offer a series of technical and engineering support services for all their modular products.

Product delivery is key, and important to the construction of Unistrut modules.

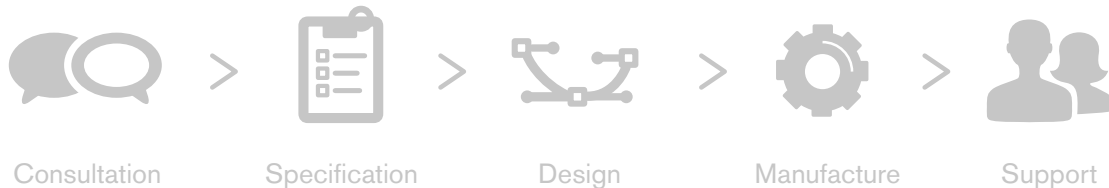
Unistrut is committed to delivering a complete service when it comes to designing and delivering our modular framing systems. Unistrut are able to support the client throughout the entire design phase.



From initial enquiry Unistrut are able to offer a tailored service to meet all the customers needs and requirements. We can support and advise through each step of the service to ensure the correct solutions are delivered first time.

#### Our service includes:

- 1. Consultation**, by sitting down with the client and having an initial requirement discussion, Unistrut can begin looking at drawings and advise to help decide on what requirements need to be met for the project, and what can be met by Unistrut.
- 2. Specification**, Once specification is given, we can begin to look at the engineering and design requirements through detailed drawings sent to us, from this we can generate an accurate bill of materials to provide costs for producing each module.
- 3. Drawing Delivery & design Freeze**, Unistrut will deliver drawings and get Client approval on modular units ready to go into manufacture. Here the final decision and order is placed for the units, with customer accepting design responsibility.
- 4. Project Delivery & Schedule**, Modules are put into manufacture in-line with clients delivery schedule, to ensure each unit required for each phase of construction is delivered on time. Unistrut will work to ensure each module is delivered in time.
- 5. Manufacture**, Unistrut will begin manufacture of each module, ensuring quality checks are performed at each key stage. Client is updated with progress on their modules and continuous communication from the engineering & sales teams.
- 6. Delivery**, Upon completion, Unistrut will deliver completed modules to site, ready to install as per agreed schedule.



## UNIFRAME – ROOFTOP SUPPORT MODULES



**Unistrut's rooftop systems are quick to install solutions for carrying a series of rooftop services, including mechanical & electrical containment and air handling units**

The Unistrut range of products have been designed to offer an economical & time saving solution for mounting building services, such as pipe work, electrical containment, air conditioning & refrigeration equipment on flat roofs.

### Key Features

- Available as base units & Extension Units
- Height adjustable from 300 to 405mm
- Fully Load Tested
- Designed to support all types of rooftop services, including Air Handling Units
- Comes in kit form for easy shipping and storage
- Easy to follow assembly instructions included
- Extender frames add on to base frame offering design flexibility

**For more information on our rooftop support modules, contact us today**



t: +44 (0) 23 8082 8000  
e: sales@vgf.co.uk www.vgf.co.uk

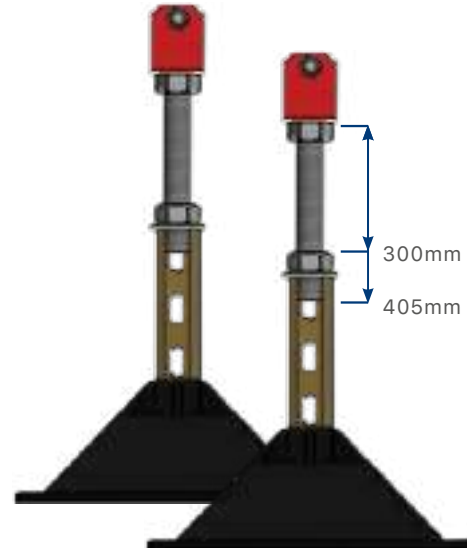
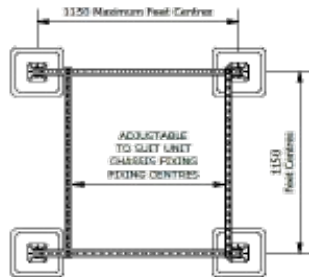
# ROOFTOP CAPABILITIES AND RANGE

## Key Features

Each Uniframe module has complete installation flexibility, able to accept any length of Unistrut Channel, and with adjustable height legs, Uniframe is the perfect solution for all types of rooftop support projects.

## Adjustable Height

Uniframe's adjustable foot pedestals allow for unit height to be increased or decreased by over 100mm to suit on site applications.



## All in the box

Each component required to assemble a base or extension is supplied in the box, ready to install with all required accessories and components.

## Channel you can trust

All products in the Uniframe range are assembled using Unistrut channel and supporting products, ensuring the highest quality throughout.



## HD Beams

These allow load to be distributed evenly by being placed accurately, such as over existing obstacles. Each unit has adjustable height and comes complete with beam clamps.



Marco Cable Management is the largest UK manufacturer of steel wire cable tray. Marco's steel wire cable tray is made from direct-drawn bright mild steel, and uses a 100 x 50mm mesh grid.

Each tray is produced in 3 metre lengths and supplied in pack quantities.

The range is complemented by a wide variety of fittings and accessories, all designed to make modifying and installing the tray on site as easy as possible.

**UNISTRUT®** **marco**  
cablemanagement

A PART OF **atkore**  
INTERNATIONAL

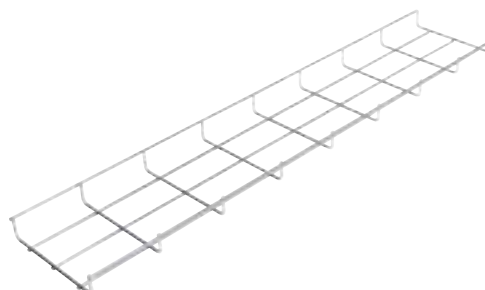


## 30mm Depth

### Steel Wire Cable Tray

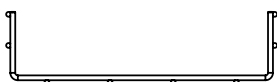


| CODE    | DESCRIPTION                      | LENGTH | FINISH          |
|---------|----------------------------------|--------|-----------------|
| MC3050  | 30 x 50mm Steel Wire Cable Tray  | 3m     | EZ, PC, PG, HDG |
| MC30100 | 30 x 100mm Steel Wire Cable Tray | 3m     | EZ, PC, PG, HDG |
| MC30150 | 30 x 150mm Steel Wire Cable Tray | 3m     | EZ, PC, PG, HDG |
| MC30200 | 30 x 200mm Steel Wire Cable Tray | 3m     | EZ, PC, PG, HDG |
| MC30300 | 30 x 300mm Steel Wire Cable Tray | 3m     | EZ, PC, PG, HDG |
| MC30400 | 30 x 400mm Steel Wire Cable Tray | 3m     | EZ, PC, PG, HDG |
| MC30450 | 30 x 450mm Steel Wire Cable Tray | 3m     | EZ, PC, PG, HDG |
| MC30500 | 30 x 500mm Steel Wire Cable Tray | 3m     | EZ, PC, PG, HDG |

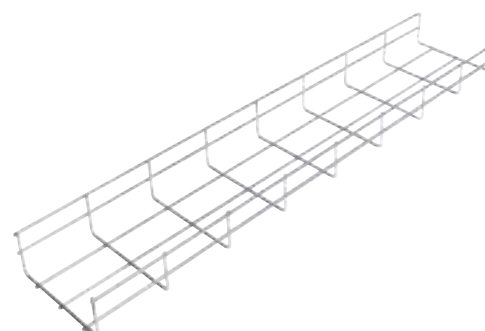


## 55mm Depth

### Steel Wire Cable Tray



| CODE    | DESCRIPTION                      | LENGTH | FINISH          |
|---------|----------------------------------|--------|-----------------|
| MC5550  | 55 x 50mm Steel Wire Cable Tray  | 3m     | EZ, PC, PG, HDG |
| MC55100 | 55 x 100mm Steel Wire Cable Tray | 3m     | EZ, PC, PG, HDG |
| MC55150 | 55 x 150mm Steel Wire Cable Tray | 3m     | EZ, PC, PG, HDG |
| MC55200 | 55 x 200mm Steel Wire Cable Tray | 3m     | EZ, PC, PG, HDG |
| MC55300 | 55 x 300mm Steel Wire Cable Tray | 3m     | EZ, PC, PG, HDG |
| MC55400 | 55 x 400mm Steel Wire Cable Tray | 3m     | EZ, PC, PG, HDG |
| MC55450 | 55 x 450mm Steel Wire Cable Tray | 3m     | EZ, PC, PG, HDG |
| MC55500 | 55 x 500mm Steel Wire Cable Tray | 3m     | EZ, PC, PG, HDG |
| MC55600 | 55 x 600mm Steel Wire Cable Tray | 3m     | EZ, PC, PG, HDG |

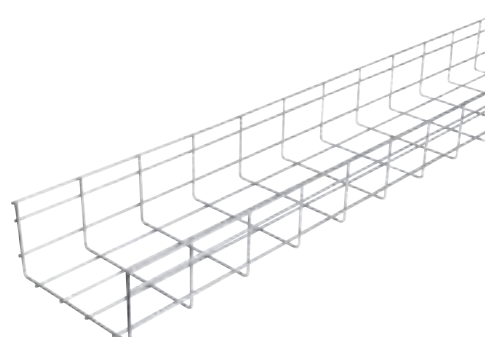


## 106mm Depth

### Steel Wire Cable Tray



| CODE     | DESCRIPTION                       | LENGTH | FINISH          |
|----------|-----------------------------------|--------|-----------------|
| MC106100 | 106 x 100mm Steel Wire Cable Tray | 3m     | EZ, PC, PG, HDG |
| MC106150 | 106 x 150mm Steel Wire Cable Tray | 3m     | EZ, PC, PG, HDG |
| MC106200 | 106 x 200mm Steel Wire Cable Tray | 3m     | EZ, PC, PG, HDG |
| MC106300 | 106 x 300mm Steel Wire Cable Tray | 3m     | EZ, PC, PG, HDG |
| MC106400 | 106 x 400mm Steel Wire Cable Tray | 3m     | EZ, PC, PG, HDG |
| MC106450 | 106 x 450mm Steel Wire Cable Tray | 3m     | EZ, PC, PG, HDG |
| MC106500 | 106 x 500mm Steel Wire Cable Tray | 3m     | EZ, PC, PG, HDG |
| MC106600 | 106 x 600mm Steel Wire Cable Tray | 3m     | EZ, PC, PG, HDG |



Finishes: (EZ) Electro Zinc  
(PC) Powder Coated  
(PG) Pre Galvanised  
(HDG) Hot Dip Galvanised

Code Structure: MC (Tray Depth) (Tray Width) (Finish)  
E.G. MC55200EZ = 55 x 200 mm cable tray with Electro Zinc finish.



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This latest innovation allows for two lengths of Marco steel wire cable tray to be coupled together faster than ever before. Taking seconds to install, the new Quik-Clik is designed to save even more time on site.

Its Quik-Clik installation ensures a strong and secure fit, without the use of mechanical parts, tools or the need for nuts and bolts.

Available pre-fixed as standard, the MCFJC coupler is also available as an individual Fast-Fix accessory. Pre-Fixed couplers can be removed and re-attached as needed for flexible on-site installation.

## 55mm Depth

### Quik-Clik System

| CODE            | DESCRIPTION               | LENGTH | FINISH        |
|-----------------|---------------------------|--------|---------------|
| <b>MCM5550</b>  | 55 x 50mm Quik-Clik Tray  | 3m     | <b>EZ, PG</b> |
| <b>MCM55100</b> | 55 x 100mm Quik-Clik Tray | 3m     | <b>EZ, PG</b> |
| <b>MCM55150</b> | 55 x 150mm Quik-Clik Tray | 3m     | <b>EZ, PG</b> |
| <b>MCM55200</b> | 55 x 200mm Quik-Clik Tray | 3m     | <b>EZ, PG</b> |
| <b>MCM55300</b> | 55 x 300mm Quik-Clik Tray | 3m     | <b>EZ, PG</b> |
| <b>MCM55400</b> | 55 x 400mm Quik-Clik Tray | 3m     | <b>EZ, PG</b> |
| <b>MCM55450</b> | 55 x 450mm Quik-Clik Tray | 3m     | <b>EZ, PG</b> |
| <b>MCM55500</b> | 55 x 500mm Quik-Clik Tray | 3m     | <b>EZ, PG</b> |
| <b>MCM55600</b> | 55 x 600mm Quik-Clik Tray | 3m     | <b>EZ, PG</b> |



## 106mm Depth

### Quik-Clik System

| CODE             | DESCRIPTION                | LENGTH | FINISH        |
|------------------|----------------------------|--------|---------------|
| <b>MCM106100</b> | 106 x 100mm Quik-Clik Tray | 3m     | <b>EZ, PG</b> |
| <b>MCM106150</b> | 106 x 150mm Quik-Clik Tray | 3m     | <b>EZ, PG</b> |
| <b>MCM106200</b> | 106 x 200mm Quik-Clik Tray | 3m     | <b>EZ, PG</b> |
| <b>MCM106300</b> | 106 x 300mm Quik-Clik Tray | 3m     | <b>EZ, PG</b> |
| <b>MCM106400</b> | 106 x 400mm Quik-Clik Tray | 3m     | <b>EZ, PG</b> |
| <b>MCM106450</b> | 106 x 450mm Quik-Clik Tray | 3m     | <b>EZ, PG</b> |
| <b>MCM106500</b> | 106 x 500mm Quik-Clik Tray | 3m     | <b>EZ, PG</b> |
| <b>MCM106600</b> | 106 x 600mm Quik-Clik Tray | 3m     | <b>EZ, PG</b> |



## 60mm Depth G-Shape Tray

### G-Shape System

Marco's new G-Shape tray is designed for under desk and under shelf applications. The tray is also perfect for use above suspended ceilings, its low profile making it great for service containments in small voids.

The shape of the tray allows for both wall and ceiling mounting, negating the need for suspension brackets by being directly fixed to a solid surface using the MCCL, or MCCL25.

| CODE            | DESCRIPTION           | LENGTH | FINISH    |
|-----------------|-----------------------|--------|-----------|
| <b>MCG6060</b>  | 60 x 60 G-Shape Tray  | 3m     | <b>EZ</b> |
| <b>MCG60100</b> | 60 x 100 G-Shape Tray | 3m     | <b>EZ</b> |
| <b>MCG60150</b> | 60 x 150 G-Shape Tray | 3m     | <b>EZ</b> |
| <b>MCG60200</b> | 60 x 200 G-Shape Tray | 3m     | <b>EZ</b> |



Finishes: (EZ) Electro Zinc  
(PC) Powder Coated  
(PG) Pre Galvanised  
(HDG) Hot Dip Galvanised

# Accessories



Fast-Fix Side Coupler  
Steel Wire Cable Tray



| Product Information |                |
|---------------------|----------------|
| Code                | <b>MCSSC</b>   |
| Finish              | EZ             |
| Pack QTY            | 50             |
| Supported Sizes     | MC5550-MC55200 |



Fast-Fix Side Coupler - Large  
Steel Wire Cable Tray



| Product Information |                                      |
|---------------------|--------------------------------------|
| Code                | <b>MCSSCL</b>                        |
| Finish              | EZ                                   |
| Pack QTY            | 50                                   |
| Supported Sizes     | MC55300-MC55600<br>MC106300-MC106600 |



Universal Strut Clip  
Steel Wire Cable Tray



| Product Information |                                                         |
|---------------------|---------------------------------------------------------|
| Code                | <b>MCFUSC</b>                                           |
| Finish              | GT                                                      |
| Pack QTY            | 50                                                      |
| Supported Sizes     | MC30100-MC30500<br>MC55100-MC55600<br>MC106100-MC106600 |



Quick Coupler  
Steel Wire Cable Tray



| Product Information |                                                         |
|---------------------|---------------------------------------------------------|
| Code                | <b>MCQC</b>                                             |
| Finish              | EZ, GT                                                  |
| Pack QTY            | 50                                                      |
| Supported Sizes     | MC30100-MC30500<br>MC55100-MC55600<br>MC106100-MC106600 |



Quick Lock - Small  
Steel Wire Cable Tray



| Product Information |                                                         |
|---------------------|---------------------------------------------------------|
| Code                | <b>MCQLS</b>                                            |
| Finish              | EZ                                                      |
| Pack QTY            | 25                                                      |
| Supported Sizes     | MC30100-MC30500<br>MC55100-MC55600<br>MC106100-MC106600 |



Quick Lock - Large  
Steel Wire Cable Tray



| Product Information |                                                         |
|---------------------|---------------------------------------------------------|
| Code                | <b>MCQLL</b>                                            |
| Finish              | EZ                                                      |
| Pack QTY            | 25                                                      |
| Supported Sizes     | MC30300-MC30500<br>MC55300-MC55600<br>MC106300-MC106600 |



Quik-Click Coupler  
Steel Wire Cable Tray



| Product Information |                |
|---------------------|----------------|
| Code                | <b>MCFJC</b>   |
| Finish              | EZ             |
| Pack QTY            | 50             |
| Supported Sizes     | MC5550-MC55200 |



Quik-Click Coupler - Medium  
Steel Wire Cable Tray



| Product Information |                              |
|---------------------|------------------------------|
| Code                | <b>MCFJCM</b>                |
| Finish              | EZ                           |
| Pack QTY            | 50                           |
| Supported Sizes     | MC55300<br>MC106100-MC106200 |



Quik-Clík Coupler - Large  
Steel Wire Cable Tray



| Product Information |                                      |
|---------------------|--------------------------------------|
| Code                | <b>MCFJCL</b>                        |
| Finish              | EZ                                   |
| Pack QTY            | 50                                   |
| Supported Sizes     | MC55400-MC55600<br>MC106300-MC106600 |



Clamp Large - Hole Diameter 6.5mm  
Steel Wire Cable Tray



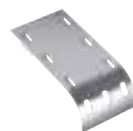
| Product Information |                                                          |
|---------------------|----------------------------------------------------------|
| Code                | <b>MCCL</b>                                              |
| Finish              | EZ, GT                                                   |
| Pack QTY            | 50                                                       |
| Supported Sizes     | MC305100-MC30500<br>MC55100-MC55600<br>MC106100-MC106600 |



Clamp Large - Hole Diameter 8.2mm  
Steel Wire Cable Tray



| Product Information |               |
|---------------------|---------------|
| Code                | <b>MCCL25</b> |
| Finish              | PG            |
| Pack QTY            | 50            |
| Supported Sizes     | MCG6060       |



Drop Out Plate  
Steel Wire Cable Tray



| Product Information |                                                       |
|---------------------|-------------------------------------------------------|
| Code                | <b>MCDOP</b>                                          |
| Finish              | PG                                                    |
| Pack QTY            | 50                                                    |
| Supported Sizes     | MC3050-MC30500<br>MC5550-MC55600<br>MC106100-MC106600 |



Divider Joining Bracket  
Steel Wire Cable Tray



| Product Information |                                                       |
|---------------------|-------------------------------------------------------|
| Code                | <b>MCDJB</b>                                          |
| Finish              | EZ                                                    |
| Pack QTY            | 10                                                    |
| Supported Sizes     | MC3050-MC30500<br>MC5550-MC55600<br>MC106100-MC106600 |



Suspension Hanger  
Steel Wire Cable Tray



| Product Information |                                                         |
|---------------------|---------------------------------------------------------|
| Code                | <b>MCSH</b>                                             |
| Finish              | EZ, PG                                                  |
| Pack QTY            | 25                                                      |
| Supported Sizes     | MC30100-MC30500<br>MC55100-MC55600<br>MC106100-MC106600 |



Flexible Conduit Plate - 20, 25mm  
Steel Wire Cable Tray



| Product Information |                                                       |
|---------------------|-------------------------------------------------------|
| Code                | <b>MCFCP</b>                                          |
| Finish              | PG                                                    |
| Pack QTY            | 50                                                    |
| Supported Sizes     | MC3050-MC30500<br>MC5550-MC55600<br>MC106100-MC206600 |



Flexible Conduit Plate - 20, 25, 32mm  
Steel Wire Cable Tray



| Product Information |                                                         |
|---------------------|---------------------------------------------------------|
| Code                | <b>MCFCP3</b>                                           |
| Finish              | PG                                                      |
| Pack QTY            | 50                                                      |
| Supported Sizes     | MC30100-MC30500<br>MC55100-MC55600<br>MC106100-MC106600 |

# Accessories



Wall Bracket / Acc Mounting Plate  
Steel Wire Cable Tray



| Product Information |                                                       |
|---------------------|-------------------------------------------------------|
| Code                | <b>MCAMP</b>                                          |
| Finish              | PG                                                    |
| Pack QTY            | 20                                                    |
| Supported Sizes     | MC3050-MC30500<br>MC5550-MC55600<br>MC106100-MC106600 |

Max safe working load 100kg



Multi-Fix Plate  
Steel Wire Cable Tray



| Product Information |                                                       |
|---------------------|-------------------------------------------------------|
| Code                | <b>MCMFP</b>                                          |
| Finish              | PG                                                    |
| Pack QTY            | 50                                                    |
| Supported Sizes     | MC3050-MC30500<br>MC5550-MC55600<br>MC106100-MC106600 |



Universal Support Bracket  
Steel Wire Cable Tray



| Product Information |                                                         |
|---------------------|---------------------------------------------------------|
| Code                | <b>MCUSB</b>                                            |
| Finish              | PG                                                      |
| Pack QTY            | 50                                                      |
| Supported Sizes     | MC30100-MC30500<br>MC55100-MC55600<br>MC106100-MC106600 |



Nut, Bolt & Clamp Assembly  
Steel Wire Cable Tray



| Product Information |                                                       |
|---------------------|-------------------------------------------------------|
| Code                | <b>MCCA</b>                                           |
| Finish              | EZ, PG                                                |
| Pack QTY            | 50                                                    |
| Supported Sizes     | MC3050-MC30500<br>MC5550-MC55600<br>MC106100-MC106600 |



Nut, Bolt & Clamp Fixing Assembly  
Steel Wire Cable Tray



| Product Information |                                                       |
|---------------------|-------------------------------------------------------|
| Code                | <b>MCCB</b>                                           |
| Finish              | EZ, PG                                                |
| Pack QTY            | 50                                                    |
| Supported Sizes     | MC3050-MC30500<br>MC5550-MC55600<br>MC106100-MC106600 |



Clamp Small  
Steel Wire Cable Tray



| Product Information |                                                         |
|---------------------|---------------------------------------------------------|
| Code                | <b>MCCS</b>                                             |
| Finish              | EZ, PG                                                  |
| Pack QTY            | 50                                                      |
| Supported Sizes     | MC30100-MC30500<br>MC55100-MC55600<br>MC106100-MC106600 |



Clamp Medium  
Steel Wire Cable Tray



| Product Information |                                                       |
|---------------------|-------------------------------------------------------|
| Code                | <b>MCCM</b>                                           |
| Finish              | PG                                                    |
| Pack QTY            | 50                                                    |
| Supported Sizes     | MC3050-MC30500<br>MC5550-MC55600<br>MC106100-MC106600 |



M6 x 20 Screw, Nut & washer  
Steel Wire Cable Tray



| Product Information |                                                         |
|---------------------|---------------------------------------------------------|
| Code                | <b>MCM620NW</b>                                         |
| Finish              | PG                                                      |
| Pack QTY            | 50                                                      |
| Supported Sizes     | MC30100-MC30500<br>MC55100-MC55600<br>MC106100-MC106600 |



Earth Terminal  
Steel Wire Cable Tray



| Product Information |                                                       |
|---------------------|-------------------------------------------------------|
| Code                | <b>MCET16</b>                                         |
| Finish              | Turned Brass                                          |
| Pack QTY            | 10                                                    |
| Supported Sizes     | MC3050-MC30500<br>MC5550-MC55600<br>MC106100-MC106600 |



Splice Plate  
Steel Wire Cable Tray



| Product Information |                                                       |
|---------------------|-------------------------------------------------------|
| Code                | <b>MCSP</b>                                           |
| Finish              | PG                                                    |
| Pack QTY            | 50                                                    |
| Supported Sizes     | MC3050-MC30500<br>MC5550-MC55600<br>MC106100-MC106600 |



Splice Plate - 90°  
Steel Wire Cable Tray



| Product Information |                                                       |
|---------------------|-------------------------------------------------------|
| Code                | <b>MCSP90</b>                                         |
| Finish              | PG                                                    |
| Pack QTY            | 20                                                    |
| Supported Sizes     | MC3050-MC30500<br>MC5550-MC55600<br>MC106100-MC106600 |



Suspension Bracket  
6 & 8mm Rod  
Steel Wire Cable Tray



| Product Information |                                                       |
|---------------------|-------------------------------------------------------|
| Code                | <b>MCSB68</b>                                         |
| Finish              | PG                                                    |
| Pack QTY            | 20                                                    |
| Supported Sizes     | MC3050-MC30500<br>MC5550-MC55600<br>MC106100-MC106600 |

Max safe working load 100kg



Suspension Bracket  
10 & 12mm Rod  
Steel Wire Cable Tray



| Product Information |                                                       |
|---------------------|-------------------------------------------------------|
| Code                | <b>MCSB1012</b>                                       |
| Finish              | PG                                                    |
| Pack QTY            | 20                                                    |
| Supported Sizes     | MC3050-MC30500<br>MC5550-MC55600<br>MC106100-MC106600 |

Max safe working load 100kg



Suspension Bracket  
Steel Wire Cable Tray



| Product Information |                  |
|---------------------|------------------|
| Code                | <b>MCSB50</b>    |
| Finish              | PG               |
| Pack QTY            | 50               |
| Supported Sizes     | MC3010<br>MC5550 |

Max safe working load 30kg



Suspension Bracket  
Steel Wire Cable Tray



| Product Information |                    |
|---------------------|--------------------|
| Code                | <b>MCSB100</b>     |
| Finish              | PG                 |
| Pack QTY            | 50                 |
| Supported Sizes     | MC30100<br>MC55100 |

Max safe working load 30kg



Suspension Bracket  
Steel Wire Cable Tray



| Product Information |                    |
|---------------------|--------------------|
| Code                | <b>MCSB150</b>     |
| Finish              | PG                 |
| Pack QTY            | 50                 |
| Supported Sizes     | MC30150<br>MC55150 |

Max safe working load 30kg

# Accessories

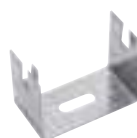


**Bracket**  
Steel Wire Cable Tray



| Product Information |                  |
|---------------------|------------------|
| Code                | <b>MCB35</b>     |
| Finish              | PG               |
| Pack QTY            | 50               |
| Supported Sizes     | MC3050<br>MC5550 |

Max safe working load 20kg



**Tray Support Bracket**  
Steel Wire Cable Tray



| Product Information |                  |
|---------------------|------------------|
| Code                | <b>MCTS35</b>    |
| Finish              | PG               |
| Pack QTY            | 50               |
| Supported Sizes     | MC3050<br>MC5550 |



**Fast-Fix Floor Bracket**  
Steel Wire Cable Tray



| Product Information |                                                       |
|---------------------|-------------------------------------------------------|
| Code                | <b>MCFFB</b>                                          |
| Finish              | PG                                                    |
| Pack QTY            | 50                                                    |
| Supported Sizes     | MC3050-MC30500<br>MC5550-MC55600<br>MC106100-MC106600 |

Max safe working load 150kg



**ID Tags**  
Steel Wire Cable Tray

| Product Information |              |
|---------------------|--------------|
| Code                | <b>MCTAG</b> |
| Finish              | -            |
| Pack QTY            | 50           |



**Bolt Cutters**  
Steel Wire Cable Tray

| Product Information |              |
|---------------------|--------------|
| Code                | <b>MCR0P</b> |
| Pack QTY            | 1            |

## Lid



| CODE          | DESCRIPTION                     | TRAY WIDTH | LENGTH | FINISH | PACK QTY |
|---------------|---------------------------------|------------|--------|--------|----------|
| <b>MCL100</b> | 100mm Steel Wire Cable Tray Lid | 100        | 2m     | PG     | 6 x 2m   |
| <b>MCL150</b> | 150mm Steel Wire Cable Tray Lid | 150        | 2m     | PG     | 4 x 2m   |
| <b>MCL200</b> | 200mm Steel Wire Cable Tray Lid | 200        | 2m     | PG     | 4 x 2m   |
| <b>MCL300</b> | 300mm Steel Wire Cable Tray Lid | 300        | 2m     | PG     | 2 x 2m   |
| <b>MCL400</b> | 400mm Steel Wire Cable Tray Lid | 400        | 2m     | PG     | 2 x 2m   |
| <b>MCL450</b> | 450mm Steel Wire Cable Tray Lid | 450        | 2m     | PG     | 2 x 2m   |
| <b>MCL500</b> | 500mm Steel Wire Cable Tray Lid | 500        | 2m     | PG     | 2 x 2m   |
| <b>MCL600</b> | 600mm Steel Wire Cable Tray Lid | 600        | 2m     | PG     | 2 x 2m   |

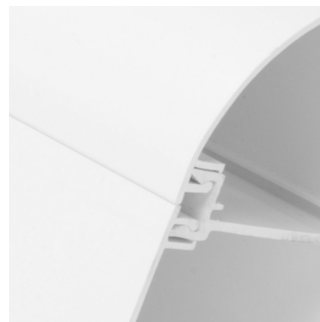
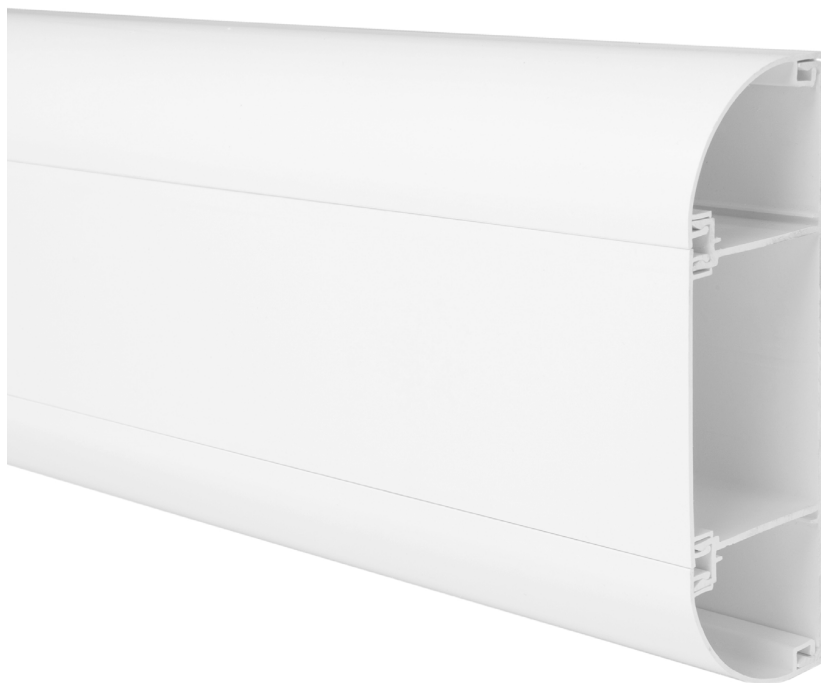
## Divider



| CODE          | DESCRIPTION                   | DEPTH | LENGTH     | FINISH | PACK QTY |
|---------------|-------------------------------|-------|------------|--------|----------|
| <b>MCD30</b>  | Steel Wire Cable Tray Divider | 30mm  | 30mm x 3m  | PG     | 20       |
| <b>MCD55</b>  | Steel Wire Cable Tray Divider | 55mm  | 55mm x 3m  | PG     | 16       |
| <b>MCD106</b> | Steel Wire Cable Tray Divider | 106mm | 106mm x 3m | PG     | 12       |

# Elite 3

## 3 Compartment Trunking



## Key Features

Marco Elite 3 trunking system offers an innovative design solution for the growing data-cabling market. At 175 x 60mm, the symmetrical curved design allows for the installation of power and high-density structured cabling systems including CAT5E, CAT6, Shielded, CAT7 and the new CAT6A 10 Gig solution.



### 3 Compartment

Elite 3 has been designed to comply with the latest structured cabling solutions on the market.



### Hygieia Protection

Elite 3 is available with Marco's Hygieia anti-microbial protection. Defending against 99.9% of harmful bacteria.



### 175 x 60mm Profile

Elite's curved lids give extra capacity to hold a large amount of power and data cables



### DDA & Part M

Elite 3 is also able to comply to both DDA and Part M specifications, using either our contrasting centre lids or coloured socket plates.



### CAT6 & CAT6A Compliance

Elite 3 meets the latest structured cabling solutions by offering a 50mm bend radius on all Elite accessories.



### BIM Download

Elite 3 BIM objects are available as part of the uPVC BIM download on our website.

Elite 3 meets and exceeds the requirements for (BS6701), BE4678 Pt 4, BS7671, ISO/IEC11901 (ED2.0 Amd 2) and Cenelec (BSEN50173 Part 1 / 2, BSEN50174-2) standards.  
Please contact our sales team for more information on the range.



t: +44 (0) 23 8082 8000  
e: sales@vgf.co.uk www.vgf.co.uk

# Products / Elite 3

## Elite 3

Marco's flagship trunking system, Elite 3 is designed to suit all types of installation environments. Elite 3 is made from the highest quality uPVC compound, providing its signature pure white finish. At 175 x 60mm Elite 3 is able to accommodate CAT6 and CAT6A cables, making it a perfect fit for any modern installation.

Elite 3 is available in three colours, pure white, light grey and charcoal.

| CODE  | DESCRIPTION          | LENGTH | PACK QTY |
|-------|----------------------|--------|----------|
| ME3   | Elite 3 - Pure White | 3m     | 2 x 3m   |
| ME3LG | Elite 3 - Light Grey | 3m     | 2 x 3m   |
| ME3CH | Elite 3 - Charcoal   | 3m     | 2 x 3m   |

## Elite 3 - DDA

Marco's Elite trunking is also able to accommodate DDA requirements, via the use of a light grey or charcoal centre lid. As an alternative to the coloured lid, Marco have a range of coloured socket plates to help identify outlet positions. Plates are available in Blue, Charcoal and Light Grey.

| CODE   | DESCRIPTION                              | LENGTH | PACK QTY |
|--------|------------------------------------------|--------|----------|
| ME3LGL | Elite 3 - Pure White with Light Grey Lid | 3m     | 2 x 3m   |
| ME3CHL | Elite 3 - Pure White with Charcoal Lid   | 3m     | 2 x 3m   |

## Elite 3 - Hygieia

Elite 3 is available with Marco Hygieia, offering anti-microbial protection against 99.9% of harmful bacteria. The anti-microbial compound forms an integral part of the trunking, meaning there is no loss of performance if the trunking becomes scratched or damaged. All of Elite's additional components are also available with anti-microbial protection.

Elite Hygieia is supplied with a protective blue film for extra protection during transit and installation.

| CODE     | DESCRIPTION                                  | LENGTH | PACK QTY |
|----------|----------------------------------------------|--------|----------|
| ME3AM    | Elite 3 - Pure White with Anti-Microbial     | 3m     | 2 x 3m   |
| ME3AMLGL | Elite 3 - Light Grey Lid with Anti-Microbial | 3m     | 2 x 3m   |
| ME3AMCHL | Elite 3 - Charcoal Lid with Anti-Microbial   | 3m     | 2 x 3m   |

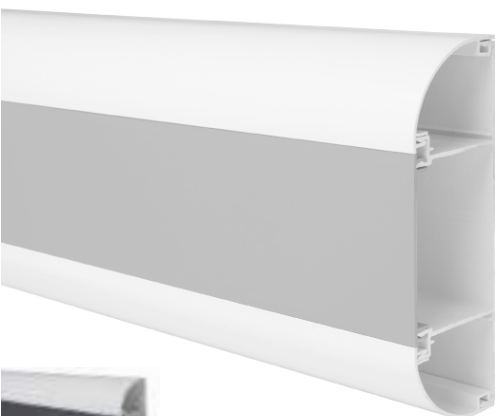


Illustration purposes only, protective blue film to be removed during installation.

# Accessories / Elite 3

## Flat Angle

Elite 3



| Product Information |                |
|---------------------|----------------|
| Code                | <b>ME3F</b>    |
| Dimensions (mm)     | 254 x 254 x 62 |
| Pack Qty            | 1              |

Two-piece moulded flat angle with built in data guides to maintain 50mm bend radius and cable segregation. Flat angle overlaps trunking, removing the need for additional joint covers.

## Flat Tee

Elite 3



| Product Information |                |
|---------------------|----------------|
| Code                | <b>ME3T</b>    |
| Dimensions (mm)     | 326 x 253 x 62 |
| Pack Qty            | 1              |

Moulded flat tee with two sets of data guides to maintain 50mm bend radius and cable segregation. Tee overlaps trunking, removing the need for additional joint covers.

## Internal Angle

Elite 3



| Product Information |                    |
|---------------------|--------------------|
| Code                | <b>ME3I</b>        |
| Dimensions (mm)     | 179.5 x 134 x 134* |
| Pack Qty            | 1                  |

Moulded internal angle with an adjustable design allowing for a variance of +/- 5°. Designed to accommodate walls without true 90° bend. Internal angle overlaps trunking and does not require joint covers. Internal angles have 50mm bend radius to comply with CAT6 & CAT6A.

\*Indicates height and width before movement.

## External Angle

Elite 3



| Product Information |                        |
|---------------------|------------------------|
| Code                | <b>ME3E</b>            |
| Dimensions (mm)     | 179.5 x 104.5 x 104.5* |
| Pack Qty            | 1                      |

Moulded external angle with an adjustable design, allowing for a variance of +/- 5°, able to accommodate walls without a true 90° bend. External angle overlaps trunking and does not require joint covers. Internal angles have 50mm bend radius to comply with CAT6 & CAT6A.

\*Indicates height and width before movement.

## Internal Angle - Fixed 45°

Elite 3



| Product Information |                 |
|---------------------|-----------------|
| Code                | <b>ME3I-135</b> |
| Pack Qty            | 1               |

Pre-fabricated fixed internal angle for Elite 3, designed for use on walls with a 45° in-facing bend. Supplied as individual units and requires 2 joint covers.

## External Angle - Fixed 45°

Elite 3



| Product Information |                 |
|---------------------|-----------------|
| Code                | <b>ME3E-135</b> |
| Pack Qty            | 1               |

Pre-fabricated fixed external angle for Elite 3, designed for use on walls with a 45° out-facing bend. Supplied as individual units and requires 2 joint covers..

## End Caps

Elite 3



| Product Information |                 |
|---------------------|-----------------|
| Code                | <b>ME3C</b>     |
| Dimensions (mm)     | 176.5 x 62 x 12 |
| Pack Qty            | 2               |

Curved end caps, supplied in packs of two.

## Joint Covers

Elite 3



| Product Information |                 |
|---------------------|-----------------|
| Code                | <b>ME3J</b>     |
| Width (mm)          | 179.5 x 62 x 33 |
| Pack Qty            | 5               |

Joint covers with an easy clip-in mechanism for faster fitting. Supplied in packs of five.

## RCD/MCB DIN Rail Housing Kit

Elite 3



| Product Information |                |
|---------------------|----------------|
| Code                | <b>ME3RCDH</b> |
| Pack Qty            | 1              |

Includes: hinged cover, mounting frame and mounting bracket. Marco locking mechanism available.

## Steel Strip Screening Divider

Elite 3



| Product Information |              |
|---------------------|--------------|
| Code                | <b>ME3SD</b> |
| Pack Qty            | 4 x 1.5m     |

Slide-in screening divider for Elite 3. Meets BSEN50174-2 for power and data separation. Divider has same pre-punched knock-outs as Elite trunking and is supplied in 1.5m lengths.

## External Angle Screening Divider

Elite 3



| Product Information |               |
|---------------------|---------------|
| Code                | <b>ME3SDE</b> |
| Pack Qty            | 1             |

Elite 3 clip-in screening divider for external angles. Meets BSEN50174-2 for power and data separation

## Take-Off Adaptor

Elite 3



| Product Information |               |
|---------------------|---------------|
| Code                | <b>ME3TOA</b> |
| Dimensions (mm)     | 92 x 62 x 61  |
| Pack Qty            | 1             |

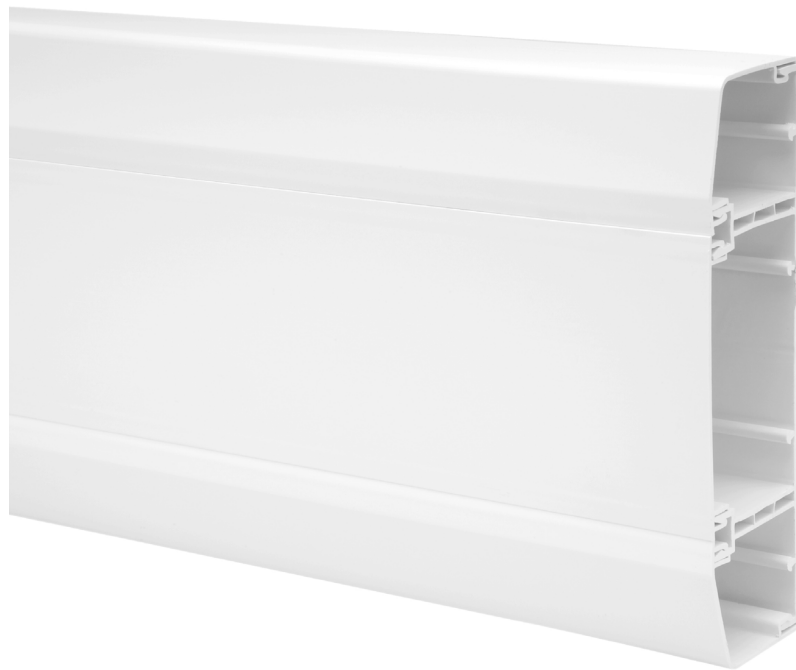
For use with 16 x 16mm, 16 x 25mm, 25 x 38mm mini trunking.

# Apollo

## 3 Compartment Trunking

### MTD3

Dado Profile



### MTDQ3

Square Profile



### MTS3

Skirting Profile



## Key Features

At 170 x 50mm and available in three profiles, Dado, Skirting and Square, Marco's Apollo trunking is designed to accommodate a broad range of installation environments, and continues to be a popular choice for cable containment. CAT5E as standard, Apollo can meet CAT6 if required, through the use of data guides.



### Versatile

Apollo's 3 profiles make it Marco's most adaptable trunking system, able to accommodate any installation requirement.



### DDA & Part M

Apollo 3 is also able to comply with both DDA and Part M specifications, using either our contrasting centre lids or coloured socket plates.



### Hygieia Protection

Apollo 3 is available with Marco's Hygieia anti-microbial protection. Defending against 99.9% of harmful bacteria.



### 170 x 50mm Profile

Apollo's large profile makes it perfect for carrying large quantities of data and power cables.

# Products / Apollo 3

## Apollo 3

Marco's Apollo trunking is available in three different profiles.

Available in Dado, Skirting and Square profiles Apollo's interchangeable lids are designed to accommodate installation requirements whilst retaining an aesthetically pleasing design.



| CODE           | DESCRIPTION                              | LENGTH | PACK QTY |
|----------------|------------------------------------------|--------|----------|
| <b>MTD3</b>    | Apollo 3 - Dado Profile - White          | 3m     | 2 x 3m   |
| <b>MTD3LG</b>  | Apollo 3 - Dado Profile - Light Grey     | 3m     | 2 x 3m   |
| <b>MTD3CH</b>  | Apollo 3 - Dado Profile - Charcoal       | 3m     | 2 x 3m   |
| <b>MTDQ3</b>   | Apollo 3 - Square Profile - White        | 3m     | 2 x 3m   |
| <b>MTDQ3LG</b> | Apollo 3 - Square Profile - Light Grey   | 3m     | 2 x 3m   |
| <b>MTDQ3CH</b> | Apollo 3 - Square Profile - Charcoal     | 3m     | 2 x 3m   |
| <b>MTS3</b>    | Apollo 3 - Skirting Profile - White      | 3m     | 2 x 3m   |
| <b>MTS3LG</b>  | Apollo 3 - Skirting Profile - Light Grey | 3m     | 2 x 3m   |
| <b>MTS3CH</b>  | Apollo 3 - Skirting Profile - Charcoal   | 3m     | 2 x 3m   |

## Apollo 3 - DDA

Marco's Apollo trunking is also able to adhere to DDA compliance through the use of Marco's contrasting centre lids and coloured socket plates, allowing for easy differentiation between the trunking and socket outlets.



| CODE            | DESCRIPTION                                             | LENGTH | PACK QTY |
|-----------------|---------------------------------------------------------|--------|----------|
| <b>MTD3LGL</b>  | Apollo 3 - Dado Profile - White with Light Grey Lid     | 3m     | 2 x 3m   |
| <b>MTD3CHL</b>  | Apollo 3 - Dado Profile - White with Charcoal Lid       | 3m     | 2 x 3m   |
| <b>MTDQ3LGL</b> | Apollo 3 - Square Profile - White with Light Grey Lid   | 3m     | 2 x 3m   |
| <b>MTDQ3CHL</b> | Apollo 3 - Square Profile - White with Charcoal Lid     | 3m     | 2 x 3m   |
| <b>MTS3LGL</b>  | Apollo 3 - Skirting Profile - White with Light Grey Lid | 3m     | 2 x 3m   |
| <b>MTS3CHL</b>  | Apollo 3 - Skirting Profile - White with Charcoal Lid   | 3m     | 2 x 3m   |

## Apollo 3 - Hygieia

Apollo 3 is available with Marco's Hygieia finish, offering anti-microbial protection against 99.9% of harmful bacteria. The anti-microbial compound forms an integral part of the trunking, meaning there is no loss of performance if the trunking becomes scratched or damaged. All of Apollo's additional components are also available with anti-microbial.

Marco Hygieia trunking is supplied with a protective blue plastic film for extra protection during transit and installation.



Illustration purposes only, protective blue film to be removed during installation.

| CODE           | DESCRIPTION                                         | LENGTH | PACK QTY |
|----------------|-----------------------------------------------------|--------|----------|
| <b>MTD3AM</b>  | Apollo 3 - Dado Profile - Anti-Microbial Finish     | 3m     | 2 x 3m   |
| <b>MTDQ3AM</b> | Apollo 3 - Square Profile - Anti-Microbial Finish   | 3m     | 2 x 3m   |
| <b>MTS3AM</b>  | Apollo 3 - Skirting Profile - Anti-Microbial Finish | 3m     | 2 x 3m   |

# Accessories Dado

## Flat Angle

Apollo - Dado



| Product Information |                |
|---------------------|----------------|
| Code                | <b>MTDF3</b>   |
| Dimensions (mm)     | 235 x 235 x 40 |
| Pack Qty            | 1              |

Chamfered profile pre-fabricated mitred flat angle with chamfered top and bottom lids. Flat angle can be installed in either direction and is supplied as a single unit.

## Flat Tee

Apollo - Dado



| Product Information |                |
|---------------------|----------------|
| Code                | <b>MTDT3</b>   |
| Dimensions (mm)     | 300 x 240 x 50 |
| Pack Qty            | 1              |

Chamfered profile pre-fabricated mitred flat tee with chamfered top and bottom lids. Tee can be installed in either direction and top and bottom lids complement the profile of the trunking.

## Internal Angle

Apollo - Dado



| Product Information |               |
|---------------------|---------------|
| Code                | <b>MTDI3</b>  |
| Dimensions (mm)     | 175 x 77 x 77 |
| Pack Qty            | 1             |

Moulded single unit chamfered profile internal angle. Clips over trunking.

## External Angle

Apollo - Dado



| Product Information |               |
|---------------------|---------------|
| Code                | <b>MTDE3</b>  |
| Dimensions (mm)     | 175 x 74 x 74 |
| Pack Qty            | 1             |

Moulded single unit chamfered profile external angle. Clips over trunking.

## End Caps

Apollo - Dado



| Product Information |                 |
|---------------------|-----------------|
| Code                | <b>MTDC3</b>    |
| Dimensions (mm)     | 175 x 51.5 x 12 |
| Pack Qty            | 2               |

Moulded end caps, supplied in pairs matching trunking profile.

## Joint Covers

Apollo - Dado



| Product Information |                 |
|---------------------|-----------------|
| Code                | <b>MTDJ3</b>    |
| Width (mm)          | 175 x 51.5 x 33 |
| Pack Qty            | 5               |

Moulded joint covers with an easy clip-in mechanism for faster installation. Supplied in packs of five.

## Flat Angle

Apollo - Square

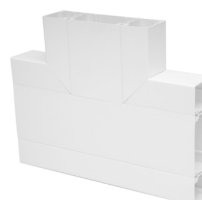


| Product Information |                |
|---------------------|----------------|
| Code                | <b>MTDQF3</b>  |
| Dimensions (mm)     | 235 x 235 x 50 |
| Pack Qty            | 1              |

Pre-fabricated mitred joint flat angles with square top and bottom lids. Flat angle can be installed in either direction and is supplied as a single unit.

## Flat Tee

Apollo - Square



| Product Information |                |
|---------------------|----------------|
| Code                | <b>MTDQT3</b>  |
| Dimensions (mm)     | 300 x 240 x 50 |
| Pack Qty            | 1              |

Pre-fabricated mitred joint flat tee with square top and bottom lids. Tee can be installed in either direction and top and bottom lids complement the flush finish of the trunking.

## Internal Angle

Apollo - Square



| Product Information |               |
|---------------------|---------------|
| Code                | <b>MTDQI3</b> |
| Dimensions (mm)     | 175 x 77 x 77 |
| Pack Qty            | 1             |

Moulded single unit internal angle cover. Clips over and sits above trunking.

## External Angle

Apollo - Square



| Product Information |               |
|---------------------|---------------|
| Code                | <b>MTDQE3</b> |
| Dimensions (mm)     | 175 x 77 x 77 |
| Pack Qty            | 1             |

Moulded single unit external angle. Clips over and sits above trunking. Supplied as single units.

## End Caps

Apollo - Square



| Product Information |                 |
|---------------------|-----------------|
| Code                | <b>MTDQC3</b>   |
| Dimensions (mm)     | 175 x 51.5 x 12 |
| Pack Qty            | 2               |

Moulded end caps, supplied in pairs matching trunking profile.

## Joint Covers

Apollo - Square



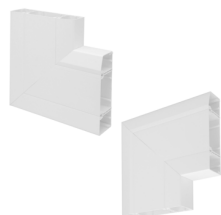
| Product Information |               |
|---------------------|---------------|
| Code                | <b>MTDQJ3</b> |
| Width (mm)          | 175 x 77 x 77 |
| Pack Qty            | 4 x 1.5M      |

Moulded joint covers with an easy clip in mechanism for faster installation. Supplied in packs of five.

# Accessories Skirting

## Flat Angle

Apollo - Skirting

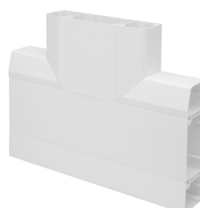


| Product Information | UP             | DOWN          |
|---------------------|----------------|---------------|
| Code                | <b>MTSF3U</b>  | <b>MTSF3D</b> |
| Dimensions (mm)     | 235 x 235 x 50 |               |
| Pack Qty            | 1              |               |

Skirting profile pre-fabricated mitred flat angles with chamfered top and square bottom lids.  
Up has chamfered lid on inside bend.  
Down has chamfered lid on outside bend.

## Flat Tee

Apollo - Skirting



| Product Information |                |
|---------------------|----------------|
| Code                | <b>MTST3</b>   |
| Dimensions (mm)     | 300 x 240 x 50 |
| Pack Qty            | 1              |

Skirting profile pre-fabricated mitred joint flat tee with chamfered top and square bottom lids. Tee can be installed in either direction and top and bottom lids complement the finish of the trunking.

## Internal Angle

Apollo - Skirting



| Product Information |               |
|---------------------|---------------|
| Code                | <b>MTSI3</b>  |
| Dimensions (mm)     | 175 x 77 x 77 |
| Pack Qty            | 1             |

Moulded single unit skirting profile internal angle cover. Clips in and sits above trunking.

## External Angle

Apollo - Skirting



| Product Information |               |
|---------------------|---------------|
| Code                | <b>MTSE3</b>  |
| Dimensions (mm)     | 175 x 74 x 74 |
| Pack Qty            | 1             |

Moulded single unit skirting profile external angle cover. Clips in over trunking. Supplied as single units.

## End Caps

Apollo - Skirting



| Product Information | LEFT            | RIGHT         |
|---------------------|-----------------|---------------|
| Code                | <b>MTSCL3</b>   | <b>MTSCR3</b> |
| Dimensions (mm)     | 175 x 51.5 x 12 |               |
| Pack Qty            | 2               | 2             |

Moulded end caps, supplied in pairs matching trunking profile.

## Joint Covers

Apollo - Skirting



| Product Information |                 |
|---------------------|-----------------|
| Code                | <b>MTSJ3</b>    |
| Width (mm)          | 175 x 51.5 x 33 |
| Pack Qty            | 5               |

Moulded joint covers with an easy clip-in mechanism for faster installation. Supplied in packs of five.

## Cable Retainer

Apollo



| Product Information |             |
|---------------------|-------------|
| Code                | <b>MTCR</b> |
| Pack Qty            | 20          |

Clip-in cable retainer. Designed to offer additional stability when holding cables in place through the trunking.

## Accessory Spacer

Apollo



| Product Information |             |
|---------------------|-------------|
| Code                | <b>MTLS</b> |
| Dimensions (mm)     | 87 x 60     |
| Pack Qty            | 10          |

Single unit accessory spacer. Fits on to centre compartment using the same quick snap-on system as centre lid.

## RCD/MCB DIN Rail Housing Kit

Apollo



| Product Information |               |
|---------------------|---------------|
| Code                | <b>MTRCDH</b> |
| Pack Qty            | 1             |

Includes: hinged cover, mounting frame and mounting bracket. Marco locking mechanism available.

## Data Guides

Apollo



| Product Information |                      |
|---------------------|----------------------|
| Code                | <b>Add Suffix DG</b> |
| Pack Qty            | 1                    |

Data guides, designed to enable CAT6 compliance throughout Apollo trunking accessories by maintaining necessary bend radius.

## Steel Strip Screening Divider

Apollo



| Product Information |             |
|---------------------|-------------|
| Code                | <b>MTAS</b> |
| Pack Qty            | 4 x 1.5M    |

Slide-in screening divider for Apollo. Meets BSEN50174-2 for power and data separation. Supplied in 1.5m lengths.

## uPVC Divider Strip

Apollo



| Product Information |               |
|---------------------|---------------|
| Code                | <b>MTD105</b> |
| Pack Qty            | 16 x 1.5m     |

Slide in uPVC divider for Marco trunking products. Supplied in 1.5m lengths.

## PULSA 800P+

Fastest & most reliable tool for drywall applications



### Applications

- Fixing metal drywall track systems
- Floors, walls and overhead fixings into: concrete, pre-stressed concrete, masonry and steel
- Wire mesh fixing to concrete using 25mm steel washer and magnetic pin guide

### Features and Benefits

- Increased power - fixing in to the hardest base materials
- Low actuation force - work faster & less fatigued especially overhead
- Slim & streamlined - best line of sight and access to tight locations
- Easy onsite servicing – quick access to clear nail jams
- LED display showing fuel & battery power
- Start & Go® allowing up to 3000 shots per charge
- Improved dust protection - reduces the need for servicing

Innovative movement sensor



Fuel & battery gauge



Access to deep track & trunking



Exhaust & cooling fan



### Product Code

| Description | Box Qty | Code   |
|-------------|---------|--------|
| Pulsa 800P+ | 1       | 018352 |

### Technical Data

|                                        |                    |
|----------------------------------------|--------------------|
| Fastener length range                  | 15-40 mm           |
| Dimensions (DxLxW)                     | 309 x 396 x 114 mm |
| Power                                  | 100 J              |
| Magazine capacity                      | 20 fixings         |
| Fuel cell capacity                     | 500                |
| Fixings per battery charge             | 3000               |
| Battery charge time                    | 90 min             |
| Battery type                           | Lithium            |
| Operating temperature range            | -15°C...+49°C      |
| Maximum Cycle rate per sec (fixings)   | 2 fixings          |
| Peak Sound Pressure [EN 12549] LpCpeak | 135 dB(C)          |
| Vibration [EN ISO 8662-11] ahv         | 4,4 m/s²           |

### Kit Contains

- Pulsa 800P+
- High impact carry case
- 1x battery
- All in one charger
- Safety glasses to EN166.F
- Allen key
- Instructions manual
- Safety instructions
- CE Declaration of Conformity



### Materials



## Consumables

— Best-in-class pins, ensuring excellent success rate



### 800P+ Pin Selection Guide

| Substrate                        | Track    | Part to be fixed (mm) |           |        |          |        |           | EML |
|----------------------------------|----------|-----------------------|-----------|--------|----------|--------|-----------|-----|
|                                  |          | 5                     | 10        | 15     | 20       | 27     |           |     |
| Steel                            | HC6 15   | HC6 15                | HC6 17    | HC6 22 | HC6 27   | HC6 32 | HC6 15    |     |
| Hard Concrete<br>C40/50 > C50/60 | HC6 17   | HC6 22                | HC6 27    | HC6 32 | HC6 32   | -      | HC6 15-17 |     |
| Concrete & Brick                 | HC6 22   | HC6 22-27             | HC6 27-32 | HC6 32 | -        | -      | HC6 17-22 |     |
|                                  | C6 20-25 | C6 25                 | C6 25-30  | C6 35  | C6 35-40 | C6 40  | C6 25     |     |



Steel Support Material:  
Min Thickness = 6.5mm, Recommended static load = 150 kg max  
Concrete:  
Recommended static load = 10 kg max (C20-25)

All figures given are to be used as a guide and a job site suitability test is always recommended.

### C6 P800

Standard pins with gas for concrete



| Description | Length (mm) | Fuel Cells | Box Qty | Code   |
|-------------|-------------|------------|---------|--------|
| C6 20mm     | 20          | 1          | 500     | 057540 |
| C6 25mm     | 25          | 1          | 500     | 057541 |
| C6 30mm     | 30          | 1          | 500     | 057542 |
| C6 35mm     | 35          | 1          | 500     | 057543 |
| C6 40mm FH  | 40          | 1          | 500     | 057544 |

10 strip collation (suitable for 20 and 50 pin magazine) + 1 x Fuel Cell

### HC6 P800

High performance pins with gas for steel, hard and pre-stressed concrete



| Description | Length (mm) | Fuel Cells | Box Qty | Code   |
|-------------|-------------|------------|---------|--------|
| HC6 15mm    | 15          | 1          | 500     | 057550 |
| HC6 17mm    | 17          | 1          | 500     | 057551 |
| HC6 22mm    | 22          | 1          | 500     | 057552 |
| HC6 27mm    | 27          | 1          | 500     | 057553 |
| HC6 32mm    | 32          | 1          | 500     | 057554 |

10 strip collation (suitable for 20 and 50 pin magazine) + 1 x Fuel Cell

### STEEL WASHER

For use with magnetic pin guide to fix wire mesh and membranes. Use with Magnetic Pin Guide 014641



| Description  | Ø (mm) | Box Qty | Code   |
|--------------|--------|---------|--------|
| Steel Washer | 25     | 1000    | 011204 |

## Accessories

| Description                        | Box Qty | Code   |
|------------------------------------|---------|--------|
| 20 Pin Magazine for P800           | 1       | 014623 |
| 50 Pin Magazine for P800           | 1       | 014640 |
| Battery Charger for Pulsa 800      | 1       | 018484 |
| Battery for Pulsa 800              | 1       | 018483 |
| Flat Magnetic Pin Guide for P800   | 1       | 014642 |
| Magnetic Washer Pin Guide for P800 | 1       | 014641 |
| Pulsa 800P+ Pin Guide              | 1       | 018424 |
| P800 Blister Pack of Fuel Cells    | 2       | 011773 |
| Impulse & Pulsa Cleaning Kit       | 1       | 013690 |
| Impulse Cleaner 300ml              | 1       | 115251 |
| Impulse Lubricating Oil            | 1       | 401482 |
| Safety Glasses to EN166:F          | 1       | 014121 |



011773



018483



014623



018484



014641



014642

### 50 PIN MAGAZINE.

Easy loading magazine, ideal for high volume repetitive work. Available as an accessory.

Code: 014640



✓ Concrete ✓ Steel Multi-Material Masonry Plasterboard



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## PULSA 800E

Improve your productivity - work faster than ever before



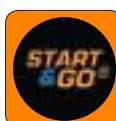
### Applications

- Fixing of pipes, cables wiring accessories
- Direct fixing of electrical trunking and junction boxes
- Floors, walls overhead fixings into: concrete, pre-stressed concrete, masonry and steel

### Features and Benefits

- Low actuation force - work faster, easier & less fatigued especially overhead
- Slim & streamlined - best line of sight and access to tight locations
- Tool free depth of drive - perfect finishing with all accessories
- LED display showing remaining fuel & battery power
- Start & Go® allowing 3000 shots per charge
- Improved dust protection - reduces the need for servicing

Innovative movement sensor



Fuel & battery gauge



Access to deep track & trunking



Exhaust & cooling fan



### Product Code

| Description | Box Qty | Code   |
|-------------|---------|--------|
| Pulsa 800E  | 1       | 018350 |

### Technical Data

|                                        |                      |
|----------------------------------------|----------------------|
| Fastener length range                  | 15-40 mm             |
| Dimensions (DxLxW)                     | 309 x 385 x 114 mm   |
| Power                                  | 82 J                 |
| Magazine capacity                      | 20 fixings           |
| Fuel cell capacity                     | 500                  |
| Fixings per battery charge             | 3000                 |
| Battery charge time                    | 90 min               |
| Battery type                           | Lithium              |
| Operating temperature range            | -15°C...+49°C        |
| Maximum Cycle rate per sec (fixings)   | 2 fixings            |
| Peak Sound Pressure (EN 12549) LpCpeak | 135 dB(C)            |
| Vibration (EN ISO 8662-11) ahv         | 4,1 m/s <sup>2</sup> |

### Kit Contains

- Pulsa 800E
- High impact carry case
- 1x battery
- All in one charger
- Safety glasses to EN166.F
- Single shot cover guard
- Instructions manual
- Allen key
- Safety instructions
- CE Declaration of Conformity



### Materials



## Consumables



— Best-in-class pins, ensuring excellent success rate



### 800E Pin Selection Guide

| Substrate                        | Clip Elec | E Clip    | CT Clip   | P Clip    | Cable Bow | Steel Band | Steel P Clip | TRH Clip* | Fire-Fix™ |
|----------------------------------|-----------|-----------|-----------|-----------|-----------|------------|--------------|-----------|-----------|
| Steel                            | HC6 15-17 | HC6 15-17 | HC6 15-17 | HC6 15-17 | HC6 15-17 | HC6 15     | HC6 15       | HC6 15    | HC6 15    |
| Hard Concrete<br>C40/50 > C50/60 | HC6 17-22 | HC6 22    | HC6 17-22 | HC6 17-22 | HC6 22    | HC6 17-22  | HC6 17-22    | HC6 17-22 | HC6 17-22 |
| Concrete & Brick                 | HC6 22-27 | HC6 27-32 | HC6 22-32 | HC6 22-32 | HC6 27-32 | HC6 22-32  | HC6 22-32    | HC6 22-32 | HC6 22-32 |
|                                  | C6 25-30  | C6 30-35  | C6 25-30  | C6 25-30  | C6 30-35  | C6 20-25   | C6 20-25     | C6 20-25  | C6 20-25  |

\* M6 - M8 Threaded Rod maximum length 600mm, static loads only, install at right angles.

Steel Support Material:  
Min Thickness = 6.5mm, Recommended static load = 150 kg max

Concrete:  
Recommended static load = 10 kg max (C20-25)

All figures given are to be used as a guide and a job site suitability test is always recommended.

**C6 P800**  
Standard pins with gas for concrete



| Description | Length (mm) | Fuel Cells | Box Qty | Code   |
|-------------|-------------|------------|---------|--------|
| C6 20mm     | 20          | 1          | 500     | 057540 |
| C6 25mm     | 25          | 1          | 500     | 057541 |
| C6 30mm     | 30          | 1          | 500     | 057542 |
| C6 35mm     | 35          | 1          | 500     | 057543 |
| C6 40mm FH  | 40          | 1          | 500     | 057544 |

10 strip collation (suitable for 20 and 50 pin magazine) + 1 x Fuel Cell

**HC6 P800**  
High performance pins with gas for steel, hard and pre-stressed concrete



| Description | Length (mm) | Fuel Cells | Box Qty | Code   |
|-------------|-------------|------------|---------|--------|
| HC6 15mm    | 15          | 1          | 500     | 057550 |
| HC6 17mm    | 17          | 1          | 500     | 057551 |
| HC6 22mm    | 22          | 1          | 500     | 057552 |
| HC6 27mm    | 27          | 1          | 500     | 057553 |
| HC6 32mm    | 32          | 1          | 500     | 057554 |

10 strip collation (suitable for 20 and 50 pin magazine) + 1 x Fuel Cell

**CG6 P800**  
Standard soft washer pins with gas for concrete stone



| Description          | Length (mm) | Fuel Cells | Box Qty | Code   |
|----------------------|-------------|------------|---------|--------|
| HCG6 15 (Steel only) | 15          | 1          | 500     | 057567 |
| HCG6 22 (Steel only) | 22          | 1          | 500     | 057568 |
| CG6 20mm             | 20          | 1          | 500     | 057563 |
| CG6 25mm             | 25          | 1          | 500     | 057564 |
| CG6 30mm             | 30          | 1          | 500     | 057565 |
| CG6 35mm             | 35          | 1          | 500     | 057566 |

10 strip collation + 1 x Fuel Cell. Single shot only - cannot be used in magazine.

**HC6 FH P800**  
High performance flush head pins with gas for steel, hard and pre-stressed concrete



| Description | Length (mm) | Fuel Cells | Box Qty | Code   |
|-------------|-------------|------------|---------|--------|
| HC6 15mm FH | 15          | 1          | 500     | 057555 |
| HC6 17mm FH | 17          | 1          | 500     | 057556 |
| HC6 22mm FH | 22          | 1          | 500     | 057557 |
| HC6 27mm FH | 27          | 1          | 500     | 057558 |

10 strip collation (suitable for 20 and 50 pin magazine) + 1 x Fuel Cell

### Accessories

| Description                        | Box Qty | Code   |
|------------------------------------|---------|--------|
| 20 Pin Magazine for P800           | 1       | 014623 |
| Battery Charger for Pulsa 800      | 1       | 018484 |
| Battery for Pulsa 800              | 1       | 018483 |
| Flat Magnetic Pin Guide for P800   | 1       | 014642 |
| Magnetic Washer Pin Guide for P800 | 1       | 014641 |
| Pulsa 800E Pin Guide               | 1       | 018423 |
| Single Shot Blanking Plate         | 1       | 018490 |
| P800 Blister Pack of Fuel Cells    | 2       | 011773 |
| Impulse & Pulsa Cleaning Kit       | 1       | 013690 |
| Impulse Cleaner 300ml              | 1       | 115251 |
| Impulse Lubricating Oil            | 1       | 401482 |
| Safety Glasses to EN166:F          | 1       | 014121 |



011773

018483

014623

018490

014641

014642

✓ Concrete ✓ Steel Multi-Material Masonry Plasterboard



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## PULSA 800E Cable Management Accessories

— An extensive range of SPIT cable and conduit fastening accessories designed for use with the Pulsa gas systems. The Pulsa 800E is compatible with all Cable management accessories. Each accessory fits directly to the tool for a one step fix.



### E CLIP CONDUIT CLIP

For fast installation of pipework and conduit. Clips easily onto the 800E pin guide. Available in both black and grey.



| Description        | Pipe / Conduit Ø (mm) | Box Qty | Code   |
|--------------------|-----------------------|---------|--------|
| Grey Conduit Clip  | 16                    | 100     | 567214 |
| Grey Conduit Clip  | 20                    | 100     | 565032 |
| Grey Conduit Clip  | 25                    | 100     | 565033 |
| Grey Conduit Clip  | 32                    | 50      | 565034 |
| Grey Conduit Clip  | 40                    | 50      | 565035 |
| Grey Conduit Clip  | 50                    | 50      | 567215 |
| Black Conduit Clip | 20                    | 100     | 565532 |

### P CLIP

Fasten to conduit and pipework, primarily to floors and walls. a lower cost option to metal clips and will not corrode. Single or double clips are available.



| Description        | Pipe / Conduit Ø (mm) | Box Qty | Code   |
|--------------------|-----------------------|---------|--------|
| Grey Single P Clip | 16                    | 100     | 567206 |
| Grey Single P Clip | 18                    | 100     | 567207 |
| Grey Single P Clip | 20                    | 100     | 565082 |
| Grey Single P Clip | 22                    | 100     | 565083 |
| Grey Single P Clip | 25                    | 50      | 567208 |
| Grey Double P Clip | 16                    | 50      | 567209 |
| Grey Double P Clip | 20                    | 50      | 565086 |
| Grey Double P Clip | 22                    | 50      | 565087 |

### STEEL P CLIP

Designed to fix pipework and conduit. Clips available in diameter 8mm to 32mm.



| Description         | Pipe / Conduit Ø (mm) | Box Qty | Code   |
|---------------------|-----------------------|---------|--------|
| Steel Single P Clip | 8                     | 300     | 016984 |
| Steel Single P Clip | 10                    | 300     | 016985 |
| Steel Single P Clip | 16                    | 150     | 016988 |
| Steel Single P Clip | 20                    | 150     | 016990 |
| Steel Single P Clip | 22                    | 100     | 016991 |
| Steel Single P Clip | 25                    | 100     | 016993 |
| Steel Single P Clip | 28                    | 100     | 016994 |
| Steel Single P Clip | 32                    | 50      | 016995 |

### CLIP ELEC ALL-PURPOSE CABLE TIE CLIP

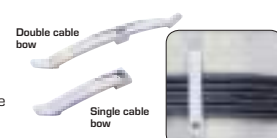
Used for cable, conduit and pipework. For use with cable ties. Cable ties are NOT included.



| Description                          | Cable Tie Capacity (mm) | Box Qty | Code   |
|--------------------------------------|-------------------------|---------|--------|
| Clip Elec All-purpose Cable Tie Clip | 9                       | 100     | 011203 |

### CABLE BOW FIXING

Designed for use with cables, replacing the need for cable and basket trays. Both single and double cable bows are available.



| Description             | Wire Guide                  | Box Qty | Code   |
|-------------------------|-----------------------------|---------|--------|
| Single 8 Cable Bow      | 3 core x 1.5mm <sup>2</sup> | 50      | 565915 |
| Single 8 Incandescent*  | 3 core x 1.5mm <sup>2</sup> | 50      | 565917 |
| Double 16 Cable Bow     | 3 core x 1.5mm <sup>2</sup> | 25      | 565916 |
| Double 16 Incandescent* | 3 core x 1.5mm <sup>2</sup> | 25      | 565918 |

\* Burning Properties: Incandescent wire test according to CEI 695-2-1/2: 650 °C passed

### CT CLIP

Clip is moulded with a cable tie. Holds pipes, cable and conduit up to 32mm in diameter. During installation temperatures can be down to -5°C.



| Description         | Cable Ø (mm) | Box Qty | Code   |
|---------------------|--------------|---------|--------|
| Grey Cable Tie Clip | 16 - 32      | 100     | 565508 |

### ALL-PURPOSE STEEL BAND

Versatile All-Purpose Steel Band can be cut to any length.



| Description            | Size               | Box Qty | Code   |
|------------------------|--------------------|---------|--------|
| All-purpose Steel Band | 12mm x 0.8mm x 10m | 1       | 056562 |
| All-purpose Steel Band | 17mm x 0.8mm x 10m | 1       | 056561 |
| All-purpose Steel Band | 26mm x 0.8mm x 10m | 1       | 056563 |

## PULSA 800E Cable Management Accessories

### PRYSMIAN AND DRAKA FIRETUF FIREFIX™

Unique cable fixing from Prysmian and Draka Firetuf, used to fix fire performance cables. Ten times quicker than conventional methods. Both single and double clips are available. The double clip requires an adaptor, which is included in box of clips.



| Description          | Size | Cable Ø Suitability                         | Colour | Wire Guide                                                 | Box Qty | Code   |
|----------------------|------|---------------------------------------------|--------|------------------------------------------------------------|---------|--------|
| Firefix™ Single Clip | 01   | 8.0mm <sup>2</sup> ≤ D < 8.2mm <sup>2</sup> | Red    | 2 core x 1.5mm <sup>2</sup>                                | 500     | 921622 |
| Firefix™ Double Clip | 02   | 8.0mm <sup>2</sup> ≤ D < 8.5mm <sup>2</sup> | Red    | 2 core x 1.5mm <sup>2</sup> or 3 core x 1.0mm <sup>2</sup> | 200     | 921623 |
| Firefix™ Double Clip | 04   | 8.5mm <sup>2</sup> ≤ D < 9.0mm <sup>2</sup> | Red    | 4 core x 1.0mm <sup>2</sup> or 3 core x 1.5mm <sup>2</sup> | 200     | 921624 |
| Firefix™ Single Clip | 01   | 8.0mm <sup>2</sup> ≤ D < 8.2mm <sup>2</sup> | White  | 2 core x 1.5mm <sup>2</sup>                                | 500     | 924252 |
| Firefix™ Double Clip | 02   | 8.0mm <sup>2</sup> ≤ D < 8.5mm <sup>2</sup> | White  | 2 core x 1.5mm <sup>2</sup> or 3 core x 1.0mm <sup>2</sup> | 200     | 924251 |
| Firefix™ Double Clip | 04   | 8.5mm <sup>2</sup> ≤ D < 9.0mm <sup>2</sup> | White  | 4 core x 1.0mm <sup>2</sup> or 3 core x 1.5mm <sup>2</sup> | 200     | 924253 |

### STEEL WASHER - USE WITH MAGNETIC PIN GUIDE

25mm Steel Washer, to be used with magnetic pin guide, Eurocode: 014641 (Pulsa 800)



| Description  | Ø (mm) | Box Qty | Code   |
|--------------|--------|---------|--------|
| Steel Washer | 25     | 1000    | 011204 |

### THREADED ROD HANGER CLIP (TRH)

Holds threaded rod up to 600mm long, chain or suspension cables can be hung from the clip. Unique design enables the quality of fixing to be tested as it is bent into place.



| Description         | Thread Ø | Box Qty | Code   |
|---------------------|----------|---------|--------|
| Threaded Rod Hanger | M6 - M8  | 100     | 011430 |

Maximum Load 10kg. Static loads only. Please note: Do not use Pulsa with rod exceeding 600mm or rod diameter greater than Ø 8mm.

## PULSA 800 E-LIFT

Safe, fast & comfortable solution



### Applications

- Pipes, cables and wiring accessories



### Product Code

| Description                              | Box Qty | Code   |
|------------------------------------------|---------|--------|
| E-Lift Pole Tool for Pulsa 800           | 1       | 018820 |
| E-Lift Tube Extension 75cm for Pulsa 800 | 1       | 018849 |

### Features and Benefits

- Simple design – easy to assemble and operate
- 30% lower actuation force & low recoil – prevents user fatigue compared to PAT alternative
- Working from a comfortable position and 2 stage firing increases personal safety
- Additional extension pole – reach up to 5m ceiling
- Fix floor to ceiling
- Reduce or eliminate requirement for costly, bulky platforms

☒ Concrete
 ☒ Steel
 ☒ Multi-Material
 ☒ Masonry
 ☒ Plasterboard



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## P370

Robust and reliable powder actuated tool for a wide range of trades, fixing into concrete, steel and masonry



### Applications

- Formwork
- Wood to concrete
- Waterproof membranes
- Drywall track
- Deflection headers
- Insulation panels
- Steel grating
- Brick ties

### Features and Benefits

- Automatic piston return provides high rate of fixing
- Easy onsite cleaning and maintenance - no return to service centre required
- Sequential metal disc system prevents unused loads
- Variable power adjustment ensures accurate delivery
- No need to change the piston for different substrates
- Magazine for collated nails enabling faster workflow
- 4 point 360° magazine position

Energy absorbing bumper



Automatic piston return



Adjustable magazine



Power adjustment



### Product Code

| Description                                         | Box Qty | Code   |
|-----------------------------------------------------|---------|--------|
| Spit P370 with Magazine (Incl. Single Shot Adaptor) | 1       | 011071 |

### Technical Data

|                                           |                   |
|-------------------------------------------|-------------------|
| Fastener length range                     | 15-90 mm          |
| Product weight                            | 3,2 kg            |
| Dimensions (DxLxW)                        | 240 x 450 x 69 mm |
| Power                                     | 350 J             |
| Magazine capacity                         | 10 fixings        |
| Maximum Cycle rate per sec (fixings)      | 1 fixings         |
| Peak Sound Pressure (EN 12549) LpCpeak    | 144 dB(C)         |
| Sound Pressure Level (EN 12549) Lpa,1s,1m | 110 dB(A)         |
| Vibration (EN ISO 8662-11) ahv            | 2,5 m/s²          |

### Kit Contains

- P370 PAT tool
- High impact carry case
- Single shot adaptor
- Safety goggles to EN166:B
- Cleaning cloth
- Cleaning brushes
- Push rod
- Lubricating oil
- Stabiliser
- Instruction manual
- CE Declaration of Conformity



### Materials



## Disc Cartridges



— Allows successful fixing to a variety of base materials



### Loading:

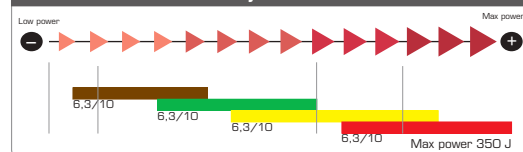
1. Choose the pin length
2. Choose lowest cartridge power
3. Mechanically adjust tool power

### Disc Cartridges

| Description                   | Box Qty | Code   |
|-------------------------------|---------|--------|
| Brown (Very Low) - 6.3 x 10mm | 100     | 031740 |
| Green (Low) - 6.3 x 10mm      | 100     | 031600 |
| Yellow (Medium) - 6.3 x 10mm  | 100     | 031700 |
| Red (High) - 6.3 x 10mm       | 100     | 011658 |



### P370 Tool Power Adjustment



## Accessories

| Description                 | Box Qty | Code   |
|-----------------------------|---------|--------|
| SPIT Oil Spray              | 1       | 310080 |
| P370 Steel Grid Adaptor Kit | 1       | 011033 |
| P370 Magazine               | 1       | 010536 |
| P370 Insulation Adaptor Kit | 1       | 011030 |
| P370 90mm Adaptor           | 1       | 011035 |
| P370 Piston Assembly        | 1       | 010984 |
| P370 Pin Guide Assembly     | 1       | 010970 |
| P370 Spring Kit             | 1       | 011032 |
| Maintenance Kit             | 1       | 074000 |
| Safety Goggles (to EN166:B) | 1       | 999600 |
| P370 Tool Case              | 1       | 014967 |



## Ideal Applications



☒ Concrete
 ☒ Steel
 ☒ Multi-Material
 ☒ Masonry
 ☒ Plasterboard



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## Consumables



- Single and collated pins makes the SPIT P370 an extremely flexible tool for a large range of general and specialist applications.



### Pin Selection Guide

| Substrate                                               | Part to be fixed (mm) |           |           |           |        |          |          |         |          |       |
|---------------------------------------------------------|-----------------------|-----------|-----------|-----------|--------|----------|----------|---------|----------|-------|
|                                                         | Track                 | 5         | 10        | 15        | 20     | 30       | 40       | 50      | 60       | 65    |
| Steel<br>Ultimate strength = 350 N/mm <sup>2</sup>      | SC9 15                | SC9 15-20 | SC9 20-25 | SC9 25    | SC9 30 | SC9 40   | SC9 50   | SC9 60  | SC9 70   | -     |
| Hard Steel<br>Ultimate strength = 500 N/mm <sup>2</sup> | SC9 15                | SC9 15    | SC9 20    | SC9 25    | SC9 30 | SC9 40   | SC9 50   | SC9 60  | SC9 70   | -     |
| Concrete<br>C25/30                                      | C9 25                 | C9 30     | C9 35     | C9 40     | C9 50  | C9 50-60 | C9 60-70 | C9 70   | C9 80-90 | C9 90 |
| Concrete<br>C40/50                                      | C9 20                 | SC9 20    | SC9 25-30 | SC9 30-35 | SC9 40 | SC9 50   | SC9 60   | SC9 70  | C9 80    | C9 90 |
| Concrete<br>C50/60                                      | SC9 15                | SC9 20    | SC9 25    | SC9 30    | SC9 35 | SC9 40*  | SC9 50*  | SC9 60* | SC9 70*  | -     |



Steel Support Material: \*With a 3-4mm over embedment  
Min Thickness = 5mm  
Recommended static load = 200 kg max SC9

Concrete:  
Recommended static load = 50 kg max (C20-25) C9

All figures given are to be used as a guide and a job site suitability test is always recommended.

### C9 COLLATED

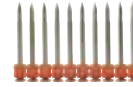
Standard collated pins for concrete and stone



| Description      | Length (mm) | Box Qty | Code   |
|------------------|-------------|---------|--------|
| C9 20mm collated | 20          | 500     | 011330 |
| C9 25mm collated | 25          | 500     | 011331 |
| C9 30mm collated | 30          | 500     | 011332 |
| C9 35mm collated | 35          | 500     | 011333 |
| C9 40mm collated | 40          | 300     | 011334 |
| C9 50mm collated | 50          | 300     | 011335 |
| C9 55mm collated | 55          | 300     | 011337 |
| C9 60mm collated | 60          | 300     | 011336 |

### SC9 COLLATED

High performance collated pins for steel, hard and pre-stressed concrete



| Description        | Length (mm) | Box Qty | Code   |
|--------------------|-------------|---------|--------|
| SC9 15mm collated  | 15          | 500     | 011340 |
| SC9 20mm collated  | 20          | 500     | 011341 |
| SC9 25mm collated  | 25          | 500     | 011342 |
| SC9 30mm collated  | 30          | 500     | 011343 |
| SC9 35mm collated  | 35          | 500     | 011344 |
| SC9 40mm collated  | 40          | 300     | 011345 |
| SC9 50mm collated  | 50          | 300     | 011346 |
| SC9 60mm collated  | 60          | 300     | 011347 |
| SC9, 75mm collated | 75          | 300     | 055621 |

### C9 SINGLE SHOT

Standard single shot pins for concrete and stone



| Description | Length (mm) | Box Qty | Code   |
|-------------|-------------|---------|--------|
| C9 25mm     | 25          | 100     | 032520 |
| C9 30mm     | 30          | 100     | 032530 |
| C9 35mm     | 35          | 100     | 032540 |
| C9 40mm     | 40          | 100     | 032550 |
| C9 50mm     | 50          | 100     | 032560 |
| C9 60mm     | 60          | 100     | 032570 |
| C9 70mm     | 70          | 100     | 032580 |
| C9 80mm     | 80 **       | 100     | 032590 |
| C9 90mm     | 90 **       | 100     | 032600 |

\*\* Pins over 70mm require pre-hammering or 90mm Adaptor Kit

### SC9 SINGLE SHOT

High performance single shot pins for steel, hard and pre-stressed concrete



| Description | Length (mm) | Box Qty | Code   |
|-------------|-------------|---------|--------|
| SC9 15mm    | 15          | 100     | 032500 |
| SC9 20mm    | 20          | 100     | 032510 |
| SC9 25mm    | 25          | 100     | 032950 |
| SC9 30mm    | 30          | 100     | 032930 |
| SC9 35mm    | 35          | 100     | 032940 |
| SC9 40mm    | 40          | 100     | 032920 |
| SC9 50mm    | 50          | 100     | 032910 |
| SC9 60mm    | 60          | 100     | 032900 |
| SC9 70mm    | 70          | 100     | 032890 |

### CR9

Single shot pin with 14mm metal washer for concrete



| Description               | Length (mm) | Box Qty | Code   |
|---------------------------|-------------|---------|--------|
| CR9 25mm with 14mm Washer | 25          | 100     | 032070 |
| CR9 30mm with 14mm Washer | 30          | 100     | 032100 |
| CR9 40mm with 14mm Washer | 40          | 100     | 032090 |
| CR9 50mm with 14mm Washer | 50          | 100     | 032010 |

## Consumables



### CR9P

Single shot pin with 34mm plastic washer for concrete



| Description  | Length (mm) | Box Qty | Code   |
|--------------|-------------|---------|--------|
| CR9 30P 30mm | 30          | 200     | 038090 |
| CR9 40P 40mm | 40          | 200     | 038100 |
| CR9 50P 50mm | 50          | 200     | 038110 |

### FORMWORK SPACER

Plastic spacer with pre-assembled nail



| Description                    | Length (mm) | Box Qty | Code   |
|--------------------------------|-------------|---------|--------|
| Formwork Spacer + C9 pins 60mm | 60          | 100     | 032750 |

### SHUTTERING SPACER

Plastic spacer with pre-assembled nail



| Description                      | Length (mm) | Box Qty | Code   |
|----------------------------------|-------------|---------|--------|
| Shuttering Spacer + C9 pins 60mm | 60          | 50      | 496710 |

### CI6 - P370 MAGAZINE TOOL ONLY

Rigid insulation fixing with pre-mounted pin

For use with Insulation Adaptor Kit - 011030



| Description | Length (mm) | Box Qty | Code   |
|-------------|-------------|---------|--------|
| CI6 60mm    | 60          | 200     | 038530 |
| CI6 70mm    | 70          | 200     | 038540 |
| CI6 80mm    | 80          | 200     | 038550 |
| CI6 100mm   | 100         | 100     | 038560 |
| CI6 120mm   | 120         | 100     | 038570 |

### SA12- P370 MAGAZINE TOOL ONLY

Threaded stud for use with the steel grid adaptor kit

For use with Steel Grid Adaptor Kit - 011033



| Description     | Length (mm) | Box Qty | Code   |
|-----------------|-------------|---------|--------|
| SA12 M8 10/25mm | 27          | 100     | 033750 |
| SA12 M8 15/30mm | 32          | 100     | 033760 |

### SA9

Threaded stud for use in steel



| Description    | Length (mm) | Box Qty | Code   |
|----------------|-------------|---------|--------|
| SA9 M6 6/21mm  | 20          | 100     | 034820 |
| SA9 M6 15/30mm | 28          | 100     | 034900 |

### SBR9

Single shot pins for metal cladding sheets



| Description | Length (mm) | Box Qty | Code   |
|-------------|-------------|---------|--------|
| SBR9 19mm   | 19          | 100     | 032650 |

### RE SPACER WASHER

To fix steel grid, grating or mesh floors

For use with SA12 Pins.



| Description           | Length (mm) | Box Qty | Code   |
|-----------------------|-------------|---------|--------|
| RE 25mm Spacer Washer | 25          | 100     | 499610 |
| RE 30mm Spacer Washer | 30          | 100     | 499620 |
| RE 40mm Spacer Washer | 40          | 100     | 499630 |

## Adaptors



### STEEL GRID ADAPTOR KIT

Use with SA12, M8 15/30 and RE Space Washers



| Description                                          | Box Qty | Code   |
|------------------------------------------------------|---------|--------|
| P370 Steel Grid Adaptor Kit for SA12-M8 15 / 30 pins | 1       | 011033 |
| Spare Piston for Grid Adaptor Kit                    | 1       | 011034 |

### 90MM ADAPTOR

For fixing single shot pins up to 90mm without the need for pre-hammering



| Description       | Box Qty | Code   |
|-------------------|---------|--------|
| P370 90mm Adaptor | 1       | 011035 |

### INSULATION ADAPTOR KIT

Use with CI6 50-120mm pins



| Description                               | Box Qty | Code   |
|-------------------------------------------|---------|--------|
| P370 Insulation Adaptor Kit CI 40-120     | 1       | 011030 |
| Spare Piston for Insulation Kit CI 40-120 | 1       | 011031 |

☒ Concrete
 ☒ Steel
 ☒ Multi-Material
 ☒ Masonry
 ☒ Plasterboard

## P560

Fastest method of installing metal sheet on steel



### Applications

- Fixing of roof decking and cladding sheets to structural steel
- Permanent fixing of composite floor sheets (metal decking)
- Fixing brick ties to heavy structural steel
- Fire protection brackets to heavy steel

### Features and Benefits

- Small and light tool: Gives perfect handling, easy access to confined spaces
- Easy re-load system: Will speed up working time on all applications
- Easy maintenance: Easy to disassemble and clean without tools
- Compact design: Smaller and lighter than competitor's tools
- Stability STAB system: Allows user to safely place tool when not in use
- Quick un-lock system: No tools required to disassemble the front part
- 10 pin magazine: For continuous work
- Low recoil: More comfort

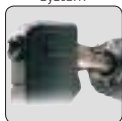
360° rotation magazine integrating a 90° ratchet



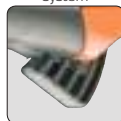
Easy maintenance system



Easy re-load system



Quick un-lock system



### Product Code

| Description        | Box Qty | Code   |
|--------------------|---------|--------|
| P560 with Magazine | 1       | 013891 |

### Technical Data

|                                           |                      |
|-------------------------------------------|----------------------|
| Fastener length range                     | 25,4 mm              |
| Product weight                            | 4,2 kg               |
| Dimensions (DxLxW)                        | 277 x 363 x 77 mm    |
| Power                                     | 520 J                |
| Magazine capacity                         | 10 fixings           |
| Maximum Cycle rate per sec (fixings)      | 1                    |
| Peak Sound Pressure (EN 12549) LpCpeak    | 144 dB(C)            |
| Sound Pressure Level (EN 12549) Lpa,1s,1m | 118 dB(A)            |
| Vibration (EN ISO 8662-11) ahv            | 2,5 m/s <sup>2</sup> |

### Kit Contains

- P560 PAT Tool
- High impact carry case
- Single shot adaptor
- Safety goggles to EN166:B
- Cleaning cloth and brushes
- 1 Piston ring
- Lubricating oil
- Safety gloves
- Ear protection
- Instruction manual
- CE Declaration of Conformity



### Materials



## Disc Cartridges



— Allows successful fixing to most steel sections



### Loading:

1. Choose the pin length
2. Choose lowest cartridge power
3. Mechanically adjust tool power

### Disc Cartridges

| Description                     | Box Qty | Code   |
|---------------------------------|---------|--------|
| Yellow (Medium) - 6.3 x 16mm    | 100     | 031240 |
| Red (High) - 6.3 x 16mm         | 100     | 031220 |
| Blue (Medium High) - 6.3 x 16mm | 100     | 031230 |
| Black (Very High) - 6.3 x 16mm  | 100     | 031210 |

### Disc Cartridge Selection Guide

|                              |        | Steel Thickness (mm) - Tested in S235 Steel |   |    |    |    |    |    |     |
|------------------------------|--------|---------------------------------------------|---|----|----|----|----|----|-----|
|                              |        | 6                                           | 8 | 10 | 12 | 14 | 16 | 18 | >20 |
| Weaker<br>↑<br>Stronger<br>↓ | YELLOW |                                             |   |    |    |    |    |    |     |
|                              | BLUE   |                                             |   |    |    |    |    |    |     |
|                              | RED    |                                             |   |    |    |    |    |    |     |
|                              | BLACK  |                                             |   |    |    |    |    |    |     |
|                              |        | Suitable                                    |   |    |    |    |    |    |     |
|                              |        | Tests Required                              |   |    |    |    |    |    |     |

### Accessories

| Description                 | Box Qty | Code   |
|-----------------------------|---------|--------|
| P560 Single Shot Kit        | 1       | 013955 |
| P560 Magazine Kit           | 1       | 013952 |
| P560 Piston Kit             | 1       | 014136 |
| P560 Spare Piston           | 1       | 014137 |
| Maintenance Kit             | 1       | 074000 |
| SPIT Oil Spray              | 1       | 310080 |
| Safety Goggles (to EN166:B) | 1       | 999600 |



013952



999600



014136



013955

## Consumables



— Suitable for hard steel up to E360



### HSBR14 SINGLE SHOT

High performance single shot pins for steel applications



ETA  
08/0040



| Description               | Length (mm) | Box Qty | Code   |
|---------------------------|-------------|---------|--------|
| HSBR14 25.4mm Single shot | 25,4        | 1000    | 011390 |

### HSBR14 COLLATED

High performance collated pins for steel applications



ETA  
08/0040



| Description            | Length (mm) | Box Qty | Code   |
|------------------------|-------------|---------|--------|
| HSBR14 25.4mm Collated | 25,4        | 1000    | 053953 |

### Pin Selection Guide

|       |  | Steel Thickness (mm) |   |    |    |    |    |    |     |
|-------|--|----------------------|---|----|----|----|----|----|-----|
|       |  | 6                    | 8 | 10 | 12 | 14 | 16 | 18 | >20 |
| EU    |  |                      |   |    |    |    |    |    |     |
| E295  |  |                      |   |    |    |    |    |    |     |
| S355  |  |                      |   |    |    |    |    |    |     |
| E335  |  |                      |   |    |    |    |    |    |     |
| E360* |  |                      |   |    |    |    |    |    |     |
|       |  | Suitable             |   |    |    |    |    |    |     |
|       |  | Tests Required       |   |    |    |    |    |    |     |

\* Maximum value = 750 N/mm²

HSBR 14  
Single Shot



Concrete Steel Multi-Material Masonry Plasterboard

**X**  
**XTREM**

**BORN TO  
PERFORM**

# TAPCON®

## CUTTING EDGE PERFORMANCE

Self-tapping anchor for cracked and non-cracked concrete, suitable for safety critical applications.

Building on 50 years of experience, the NEW **SPIT** Tapcon Screw range marks the 5th generation of the Tapcon Anchor. Suitable for the most demanding applications, the new patented thread design allows for incredibly high loads, a range that provides time saving solutions without compromising on safety, whilst offering a fast installation that only a mechanical anchor can offer.

Tapcon concrete screws are simple to install, give a high performance to diameter ratio and can be completely removed after use. Due to their undercut Tapcon have a low expansion force, which gives the flexibility of close edge and spacing distances unobtainable in traditional mechanical anchoring.



## Features & Benefits

### SEISMIC ASSESSMENT

Tapcon XTREM C1 can be used in seismic performance category according to ETAG001 annex E.

### FIRE RESISTANCE

Suitable for use where fire resistance requirements are specified (see ETA).

### EASY SETTING

Patented thread design provides easy setting.

### INDUCTION HARDENING

Gives high resistance at the top of the thread to tap concrete and enough flexibility on the rest of the thread to avoid any breakage.



### WIDE RANGE

Available in several sizes and 4 head types for all uses: diameter 5 to 14, various lengths, zinc coated, zinc flake and stainless steel.

### ZINC FLAKE

500 hrs salt spray zinc flake coating provides excellent resistance to corrosion (HFL version only).

### ETA APPROVED

Can be used in both cracked and non-cracked concrete.

### R&D INNOVATION

Huge increase in performance in cracked concrete compared with the former 16/0276 product (design values by ETA).

**VANGUARD**  
FIXINGS

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e: sales@vgf.co.uk www.vgf.co.uk

## Range

With 58 different products, 4 head styles and three different finishes, the **SPIT** Tapcon range offers an approved solution for a wide range of applications in industrial, commercial and residential construction.

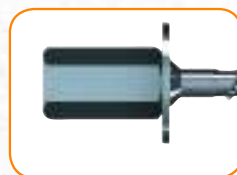
## Head Types



**HFL**  
(HEX FLANGED)



**DOM**



**ROD**



**CSK**  
(COUNTERSUNK)

## XTREM Product

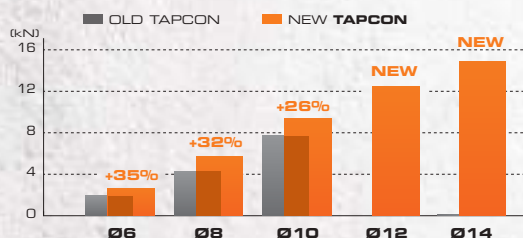
An **XTREM** Product is the highest performing **SPIT** product in each category for safety critical applications in cracked concrete or seismic areas.



## Performance

The new patented thread design allows for very high loads, even with the smaller diameter fixings. This engineered thread design not only provides increased capacity but also provides a faster installation speed.

## R&D INNOVATION



## Approvals & Fire Rating

The **NEW SPIT** Tapcon concrete screw range includes products that are ETA approved for use in cracked and non-cracked concrete.

Suitable for use where fire resistance requirements are specified. Tested behaviour under fire exposure up to 2 hours.



CERTIFIED  
CRACKED &  
NON-CRACKED  
CONCRETE



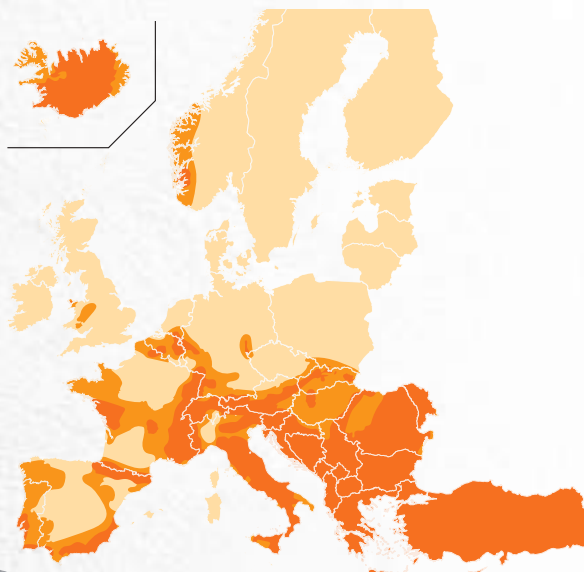
FIRE  
RESISTANCE

## Seismic

A large part of the European territories are concerned by seismic hazards and 100% of it is concerned by cracked concrete applications. The table below gives the seismic anchor approval requirement depending on the ground acceleration and the category of buildings.

| Seismicity level <sup>a</sup> |                                    | Importance Class<br>acc. to EN 1998-1:2004, 4.2.5 |                                    |     |    |
|-------------------------------|------------------------------------|---------------------------------------------------|------------------------------------|-----|----|
| Class                         | a <sub>g</sub> S <sup>c</sup>      | I                                                 | II                                 | III | IV |
| Very low <sup>b</sup>         | a <sub>g</sub> S ≤ 0,05 g          | No additional requirement                         |                                    |     |    |
| Low <sup>b</sup>              | 0,05 g < a <sub>g</sub> S ≤ 0,10 g | C1                                                | C1 <sup>d</sup> or C2 <sup>e</sup> |     | C2 |
| > Low                         | a <sub>g</sub> S > 0,10 g          | C1                                                | C2                                 |     |    |

a - The values defining the seismicity levels may be found in the National Annex of EN 1998-1.  
b - Definition according to EN 1998-1:2004, 3.2.1.  
c -  $a_g$  design ground acceleration on Type A ground (EN 1998-1:2004, 3.2.1).  
S - Soil factor (see e.g. EN 1998-1:2004, 3.2.2).  
d - C1 for Type 'B' connections (see TR045 §5.1) for fixings of non-structural elements to structures  
e - C2 for Type 'A' connections (see TR045 §5.1) for fixing structural elements to structures



## Concrete Screws

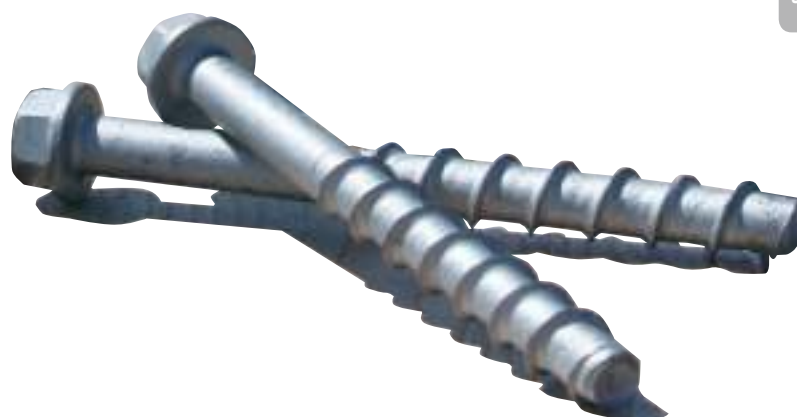
## SELECTION GUIDE

|                 |                             |                                                                                     |    |  |  |  |  |  |  |
|-----------------|-----------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--|
|                 |                             |                                                                                     | ETA                                                                                 | SEISMIC                                                                           | FIRE<br>RESISTANCE                                                                 | Cracked<br>Concrete                                                                 | Non-cracked<br>Concrete                                                             | Solid<br>Brick                                                                      |  |
| CONCRETE SCREWS | TAPCON® HFL<br><b>XTREM</b> |    |    |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |  |
|                 | TAPCON® HFL PLUS            |                                                                                     |    |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |  |
|                 | TAPCON® ROD HANGER          |                                                                                     |    |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |  |
|                 | TAPCON® DOME                |                                                                                     |    |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |  |
|                 | TAPCON® CSK<br><b>XTREM</b> |  |  |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |  |
|                 | TAPCON® (BLUE)              |                                                                                     |  |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |  |
|                 | TAPCON® ACS                 |                                                                                     |  |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |  |
|                 | TAPCON® FS                  |                                                                                     |  |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |  |

|  |  Solid Block |  Aerated Concrete |
|--|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
|  | ●                                                                                             |                                                                                                    |
|  | ●                                                                                             |                                                                                                    |
|  | ●                                                                                             |                                                                                                    |
|  | ●                                                                                             |                                                                                                    |
|  | ●                                                                                             |                                                                                                    |
|  | ●                                                                                             |                                                                                                    |
|  | ●                                                                                             |                                                                                                    |
|  |                                                                                               | ●                                                                                                  |
|  | ●                                                                                             |                                                                                                    |

#### SUBSTRATE KEY

|                                                                                     |                       |                                                                                     |                                   |
|-------------------------------------------------------------------------------------|-----------------------|-------------------------------------------------------------------------------------|-----------------------------------|
|    | Non-cracked Concrete  |  | Natural Stone                     |
|    | Cracked Concrete      |  | Plasterboard                      |
|    | Aerated Concrete      |  | Pre-stressed Hollow Concrete Slab |
|    | Rendered Hollow Block |  | Wood                              |
|    | Hollow Block          |  | Limestone                         |
|   | Solid Block           |                                                                                     |                                   |
|  | Solid Brick           |                                                                                     |                                   |
|  | Hollow Brick          |                                                                                     |                                   |
|  | Rendered Hollow Brick |                                                                                     |                                   |
|  | Porotherm             |                                                                                     |                                   |
|  | Steel                 |                                                                                     |                                   |
|  | Stone                 |                                                                                     |                                   |



## TAPCON® HFL XTREM

High performance concrete undercut anchor screw, that reduces installation time and edge and spacing distance

### CONCRETE



#### Materials



#### Applications

- Formwork
- M&E
- Façade & curtain walls
- Demolition
- Safety barriers and hand rails
- Security gates and fencing
- Racking and storage
- Machinery and equipment
- Stadium seating
- Signage and lighting
- Infrastructure energy/rail/road
- HVAC

#### Features and Benefits

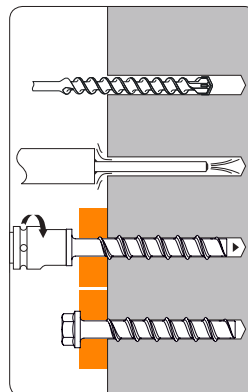
- ETA Option 1 approved anchor for cracked and non-cracked concrete
- Approved for C1 seismic applications
- Manufactured with an induction hardening process that offers the hardness at the tip of the thread in order to tap its own thread but the flexibility on the rest to resist breakage
- Patented thread design for increased load and fast installation
- Integrated washer



#### Approvals



#### Installation



# Concrete Screws



## Product Range

### TAPCON® HFL XTREM & HFL CONCRETE SCREW ZINC FLAKE PLATED (500HRS SALT SPRAY TEST)



Head Type: Hex head



| Description   | Thread (mm) | Overall Anchor Length (mm) | Drill (mm) | Max. Fixture Thickness (mm) | Min. Embed. Depth (mm) | Drilling Depth (mm) | Integrated Washer (mm) | Across Flats (mm) | Fixture Clearance (mm) | Max Torque (Nm) | Impact Wrench Required Torque (Nm) | Seismic | Box Qty | Code   |
|---------------|-------------|----------------------------|------------|-----------------------------|------------------------|---------------------|------------------------|-------------------|------------------------|-----------------|------------------------------------|---------|---------|--------|
| 5x40/5        | 6.5         | 40                         | 5          | 5                           | 35                     | 40                  | 12.0                   | 10                | 8                      | 8               | 200                                | -       | 100     | 058726 |
| 5x50/15       | 6.5         | 50                         | 5          | 15                          | 35                     | 40                  | 12.0                   | 10                | 8                      | 8               | 200                                | -       | 100     | 058727 |
| 5x60/25       | 6.5         | 60                         | 5          | 25                          | 35                     | 40                  | 12.0                   | 10                | 8                      | 8               | 200                                | -       | 100     | 058728 |
| 6x40/5        | 7.5         | 40                         | 6          | 5                           | 35                     | 40                  | 15.3                   | 13                | 9                      | 10              | 200                                | -       | 100     | 058729 |
| 6x50/15       | 7.5         | 50                         | 6          | 15                          | 35                     | 40                  | 15.3                   | 13                | 9                      | 10              | 200                                | -       | 100     | 058730 |
| 6x80/25-45    | 7.5         | 80                         | 6          | 45                          | 35                     | 60                  | 15.3                   | 13                | 9                      | 10              | 200                                | -       | 100     | 058731 |
| 6x100/45-65   | 7.5         | 100                        | 6          | 65                          | 35                     | 60                  | 15.3                   | 13                | 9                      | 10              | 200                                | -       | 100     | 058732 |
| 8x50/5        | 10          | 50                         | 8          | 5                           | 45                     | 55                  | 16.2                   | 13                | 10                     | 20              | 300                                | -       | 50      | 058733 |
| 8x60/15       | 10          | 60                         | 8          | 15                          | 45                     | 55                  | 16.2                   | 13                | 10                     | 20              | 300                                | -       | 50      | 058734 |
| 8x70/5-25     | 10          | 70                         | 8          | 25                          | 45                     | 75                  | 16.2                   | 13                | 10                     | 20              | 300                                | C1      | 50      | 058735 |
| 8x80/15-35    | 10          | 80                         | 8          | 35                          | 45                     | 75                  | 16.2                   | 13                | 10                     | 20              | 300                                | C1      | 50      | 058736 |
| 8x100/35-55   | 10          | 100                        | 8          | 55                          | 45                     | 75                  | 16.2                   | 13                | 10                     | 20              | 300                                | C1      | 50      | 058737 |
| 8x120/55-75   | 10          | 120                        | 8          | 75                          | 45                     | 75                  | 16.2                   | 13                | 10                     | 20              | 300                                | C1      | 50      | 058738 |
| 8x140/75-95   | 10          | 140                        | 8          | 95                          | 45                     | 75                  | 16.2                   | 13                | 10                     | 20              | 300                                | C1      | 50      | 058739 |
| 10x60/5       | 12          | 60                         | 10         | 5                           | 55                     | 65                  | 20.0                   | 15                | 12                     | 40              | 300                                | -       | 50      | 058740 |
| 10x70/15      | 12          | 70                         | 10         | 15                          | 55                     | 65                  | 20.0                   | 15                | 12                     | 40              | 300                                | -       | 50      | 058741 |
| 10x90/5-35    | 12          | 90                         | 10         | 35                          | 55                     | 95                  | 20.0                   | 15                | 12                     | 40              | 300                                | C1      | 50      | 058742 |
| 10x100/15-45  | 12          | 100                        | 10         | 45                          | 55                     | 95                  | 20.0                   | 15                | 12                     | 40              | 300                                | C1      | 50      | 058743 |
| 10x120/35-65  | 12          | 120                        | 10         | 65                          | 55                     | 95                  | 20.0                   | 15                | 12                     | 40              | 300                                | C1      | 50      | 058744 |
| 10x140/55-85  | 12          | 140                        | 10         | 85                          | 55                     | 95                  | 20.0                   | 15                | 12                     | 40              | 300                                | C1      | 50      | 058745 |
| 10x160/75-105 | 12          | 160                        | 10         | 105                         | 55                     | 95                  | 20.0                   | 15                | 12                     | 40              | 300                                | C1      | 50      | 058746 |
| 12x80/15      | 14          | 80                         | 12         | 15                          | 75                     | 75                  | 23.5                   | 17                | 14                     | 60              | 450                                | -       | 25      | 058747 |
| 12x110/10-45  | 14          | 110                        | 12         | 45                          | 75                     | 110                 | 23.5                   | 17                | 14                     | 60              | 450                                | C1      | 25      | 058748 |
| 14x80/5       | 16          | 80                         | 14         | 5                           | 85                     | 85                  | 28.0                   | 21                | 16                     | 80              | 450                                | -       | 25      | 058766 |
| 14x110/35     | 16          | 110                        | 14         | 35                          | 85                     | 85                  | 28.0                   | 21                | 16                     | 80              | 450                                | -       | 25      | 058767 |
| 14x130/15-55  | 16          | 130                        | 14         | 55                          | 85                     | 125                 | 28.0                   | 21                | 16                     | 80              | 450                                | C1      | 25      | 058768 |
| 14x150/35-75  | 16          | 150                        | 14         | 75                          | 85                     | 125                 | 28.0                   | 21                | 16                     | 80              | 450                                | C1      | 25      | 058769 |

### TAPCON® HFL XTREM & HFL CONCRETE SCREW STAINLESS STEEL A4



Head Type: Hex head



| Description  | Thread (mm) | Overall Anchor Length (mm) | Drill (mm) | Max. Fixture Thickness (mm) | Min. Embed. Depth (mm) | Drilling Depth (mm) | Integrated Washer (mm) | Across Flats (mm) | Fixture Clearance (mm) | Max Torque (Nm) | Impact Wrench Required Torque (Nm) | Seismic | Box Qty | Code   |
|--------------|-------------|----------------------------|------------|-----------------------------|------------------------|---------------------|------------------------|-------------------|------------------------|-----------------|------------------------------------|---------|---------|--------|
| 6x50/15      | 7.5         | 50                         | 6          | 15                          | 35                     | 40                  | 15.3                   | 13                | 8                      | 10              | 200                                | -       | 100     | 058806 |
| 6x60/5-25    | 7.5         | 60                         | 6          | 25                          | 35                     | 60                  | 15.3                   | 13                | 8                      | 10              | 200                                | -       | 100     | 058807 |
| 8x70/5-25    | 10          | 70                         | 8          | 25                          | 45                     | 55                  | 16.2                   | 13                | 10                     | 20              | 300                                | C1      | 50      | 058809 |
| 8x80/15-35   | 10          | 80                         | 8          | 35                          | 45                     | 120                 | 16.2                   | 13                | 10                     | 20              | 300                                | C1      | 50      | 058810 |
| 10x90/5-35   | 12          | 90                         | 10         | 35                          | 55                     | 130                 | 20.0                   | 15                | 12                     | 40              | 300                                | C1      | 50      | 058811 |
| 10x100/15-45 | 12          | 100                        | 10         | 45                          | 55                     | 130                 | 20.0                   | 15                | 12                     | 40              | 300                                | C1      | 50      | 058812 |
| 10x120/35-65 | 12          | 120                        | 10         | 65                          | 55                     | 130                 | 20.0                   | 15                | 12                     | 40              | 300                                | C1      | 50      | 058813 |

☒ Concrete
 ☐ Steel
 ☐ Multi-Material
 ☐ Masonry
 ☐ Plasterboard



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## TAPCON® HFL PLUS

Re-usable high performance concrete undercut anchor screw designed for multiple use

CONCRETE



### Applications

- Formwork
- Temporary protection barriers
- Temporary fencing

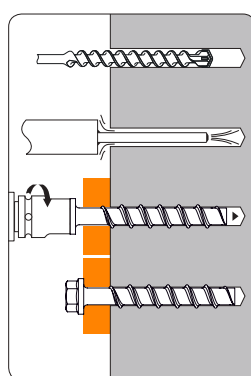
### Materials



### Features and Benefits

- Suitable for use in green/fresh concrete
- Cost effective solution where only a temporary fix is required
- Inspection gauge supplied with each box allows the user to check removed product, ensuring suitability for future installations
- Manufactured with an induction hardening process that offers the hardness at the tip of the thread in order to tap its own thread but the flexibility on the rest to resist breakage
- Patented thread design for increased load and fast installation
- The 10/12mm products are supplied without integrated washer

### Installation



### Product Range

TAPCON® HFL PLUS - RE-USABLE CONCRETE SCREW  
ZINC PLATED

Head Type: Hex head



| Description        | Thread (mm) | Overall Anchor Length (mm) | Drill (mm) | Max. Fixture Thickness (mm) | Min. Embed. Depth (mm) | Drilling Depth (mm) | Integrated Washer (mm) | Across Flats (mm) | Fixture Clearance (mm) | Max Torque (Nm) | Impact Wrench Required Torque (Nm) | Box Qty | Code   |
|--------------------|-------------|----------------------------|------------|-----------------------------|------------------------|---------------------|------------------------|-------------------|------------------------|-----------------|------------------------------------|---------|--------|
| PLUS HFL 10x80/5   | 12          | 80                         | 10         | 5                           | 75                     | 95                  | -                      | 15                | 14                     | 40              | 300                                | 50      | 058721 |
| PLUS HFL 12x105/15 | 14          | 105                        | 12         | 15                          | 90                     | 110                 | -                      | 17                | 16                     | 60              | 450                                | 25      | 058722 |
| PLUS HFL 14x80/5   | 16          | 80                         | 14         | 5                           | 75                     | 125                 | 28.0                   | 21                | 18                     | 80              | 450                                | 25      | 058723 |
| PLUS HFL 14x110/15 | 16          | 110                        | 14         | 15                          | 90                     | 125                 | 28.0                   | 21                | 18                     | 80              | 450                                | 25      | 058724 |



**i-EXPERT**  
by SPIT

Anchor Calculation Software  
Available to download or use online:  
[www.SPIT.com/i-expert](http://www.SPIT.com/i-expert)



**VANGUARD**  
FIXINGS

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TAPCON® ROD HANGER

High performance flanged concrete screw anchor ideal for installing support systems and services

CONCRETE



Applications

- MEP
- HVAC
- Fire protection
- Signage and lighting
- Suspended ceiling
- Support services

Materials



Features and Benefits

- ETA Option 1 approved anchor for cracked and non-cracked concrete
- Ideal for the installation of MEP, HVAC & fire protection systems
- Faster and safer than using conventional drop-in anchor fixings
- Dual threaded – suitable for both M8 & M10 studding
- Patented thread design for increased load and fast installation
- Suitable for use in hollow concrete slab
- Fire rated up to 2 hours

Approvals



ETAG 001-3  
16/0276  
(6X55 only)



ETAG 001-6  
16/0373

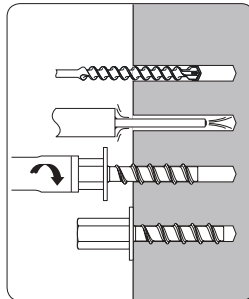


R120 Fire  
Resistance



Certified Cracked  
& Non-Cracked  
Concrete

Installation



Product Range

TAPCON® ROD HANGER FLANGED CONCRETE SCREW  
ZINC PLATED

Type: Flanged



| Description | Thread (mm) | Overall Anchor Length (mm) | Drill (mm) | Min. Embedment Depth (mm) | Drilling Depth (mm) | Integrated Washer (mm) | Across Flats (mm) | Max Torque (Nm) | Impact Wrench Required Torque (Nm) | Box Qty | Code   |
|-------------|-------------|----------------------------|------------|---------------------------|---------------------|------------------------|-------------------|-----------------|------------------------------------|---------|--------|
| 6x35/M8-M10 | 7.5         | 35                         | 6          | 35                        | 40                  | 25.0                   | 13                | 10              | 200                                | 100     | 058785 |
| 6x55/M8-M10 | 7.5         | 55                         | 6          | 55                        | 60                  | 25.0                   | 13                | 10              | 200                                | 100     | 058786 |



**i-EXPERT**  
by SPIT

Anchor Calculation Software  
Available to download or use online:  
[www.SPIT.com/i-expert](http://www.SPIT.com/i-expert)

✓ Concrete Steel Multi-Material Masonry Plasterboard

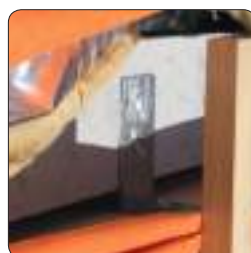
**VANGUARD**  
FIXINGS

t: +44 (0) 23 8082 8000  
e: sales@vgf.co.uk [www.vgf.co.uk](http://www.vgf.co.uk)

## TAPCON® DOME

High performance low profile concrete screw anchor ideal for installing channel systems

### CONCRETE



### Applications

- MEP
- Signage & lighting
- HVAC
- Fire protection
- General builders
- Channel

### Materials



### Features and Benefits

- ETA Option 1 approved anchor for cracked and non-cracked concrete
- Ideal for the installation of deep and shallow slotted channel systems
- Low profile dome allows for channel nut to move with the channel when fixed
- Torx Drive for easy access and installation in channel applications
- Patented thread design for increased load and fast installation
- Fire rated up to 2 hours

### Approvals



ETAG 001-3  
16/0276



ETAG 001-6  
16/0373  
(6x60 only)

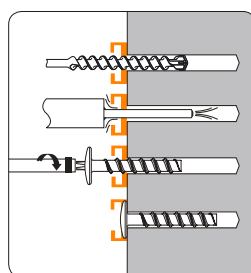


R120 Fire  
Resistance



Certified Cracked  
& Non-Cracked  
Concrete

### Installation



### Product Range

TAPCON® DOME CONCRETE SCREW (LOW PROFILE)  
ZINC PLATED

Type: Low Profile



| Description | Thread (mm) | Overall Anchor Length (mm) | Drill (mm) | Maximum Fixture Thickness (mm) | Min. Embedment Depth (mm) | Drilling Depth (mm) | Head Diameter (mm) | Drive | Fixture Clearance (mm) | Max Torque (Nm) | Impact Wrench Required Torque (Nm) | Box Qty | Code   |
|-------------|-------------|----------------------------|------------|--------------------------------|---------------------------|---------------------|--------------------|-------|------------------------|-----------------|------------------------------------|---------|--------|
| 6x28/5      | 7           | 28                         | 6          | 3                              | 25                        | 28                  | 14                 | TX30  | 7                      | 10              | -                                  | 100     | 058787 |
| 6x40/5      | 7.5         | 40                         | 6          | 5                              | 35                        | 40                  | 17.5               | TX30  | 8                      | 10              | 200                                | 100     | 058783 |
| 6x60/5-25   | 7.5         | 60                         | 6          | 25                             | 35                        | 60                  | 17.5               | TX30  | 8                      | 10              | 200                                | 100     | 058784 |

**Anchor Calculation Software**  
Available to download or use online:  
[www.SPIT.com/i-expert](http://www.SPIT.com/i-expert)

## TAPCON® CSK XTREM

High performance concrete screw,  
countersunk for perfect flush finishing



## CONCRETE



## Materials



## Features and Benefits

- ETA Option 1 approved anchor for cracked and non-cracked concrete
- XTREM version for C1 seismic applications
- Manufactured with an induction hardening process that offers hardness at the tip of the thread in order to tap its own thread but flexibility on the rest to resist breakage
- Patented thread design for increased load and fast installation



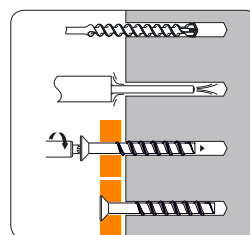
## Applications

- Baseplates and guardrails
- Fire protection doors
- Balustrades
- Gates and barriers
- Stadium seating

## Approvals



## Installation



## Product Range

TAPCON® CSK XTREM & CSK CONCRETE SCREW  
ZINC PLATED

Head Type: Countersunk



| Description  | Thread (mm) | Overall Anchor Length (mm) | Drill (mm) | Max. Fixture Thickness (mm) | Min. Embed. Depth (mm) | Drilling Depth (mm) | Head Diameter (mm) | Drive | Fixture Clearance (mm) | Max Torque (Nm) | Impact Wrench Required Torque (Nm) | Seismic | Box Qty | Code   |
|--------------|-------------|----------------------------|------------|-----------------------------|------------------------|---------------------|--------------------|-------|------------------------|-----------------|------------------------------------|---------|---------|--------|
| 5x40/5       | 6.5         | 40                         | 5          | 5                           | 35                     | 40                  | 11.7               | TX30  | 7                      | 8               | 200                                | -       | 100     | 058770 |
| 5x60/25      | 6.5         | 60                         | 5          | 25                          | 35                     | 40                  | 11.7               | TX30  | 7                      | 8               | 200                                | -       | 100     | 058771 |
| 6x40/5       | 7.5         | 40                         | 6          | 5                           | 35                     | 40                  | 12.8               | TX30  | 7                      | 10              | 200                                | -       | 100     | 058772 |
| 6x60/5-25    | 7.5         | 60                         | 6          | 25                          | 35                     | 40                  | 12.8               | TX30  | 7                      | 10              | 200                                | -       | 100     | 058773 |
| 6x80/25-45   | 7.5         | 80                         | 6          | 45                          | 35                     | 40                  | 12.8               | TX30  | 9                      | 10              | 200                                | -       | 100     | 058774 |
| 6x100/45-65  | 7.5         | 100                        | 6          | 65                          | 35                     | 40                  | 12.8               | TX30  | 9                      | 10              | 200                                | -       | 100     | 058775 |
| 6x120/65-85  | 7.5         | 120                        | 6          | 85                          | 35                     | 40                  | 12.8               | TX30  | 9                      | 10              | 200                                | -       | 100     | 058776 |
| 6x140/85-105 | 7.5         | 140                        | 6          | 105                         | 35                     | 40                  | 12.8               | TX30  | 10                     | 10              | 200                                | -       | 50      | 058777 |
| 8x80/15-35   | 10          | 80                         | 8          | 35                          | 45                     | 55                  | 19.3               | TX40  | 10                     | 20              | 300                                | C1      | 50      | 058778 |

TAPCON® CSK XTREM A4 CONCRETE SCREW  
STAINLESS STEEL A4

Head Type: Countersunk



| Description | Thread (mm) | Overall Anchor Length (mm) | Drill (mm) | Max. Fixture Thickness (mm) | Min. Embed. Depth (mm) | Drilling Depth (mm) | Head Diameter (mm) | Drive | Fixture Clearance (mm) | Max Torque (Nm) | Impact Wrench Required Torque (Nm) | Seismic | Box Qty | Code   |
|-------------|-------------|----------------------------|------------|-----------------------------|------------------------|---------------------|--------------------|-------|------------------------|-----------------|------------------------------------|---------|---------|--------|
| 8x80/15-35  | 10          | 80                         | 8          | 35                          | 45                     | 55                  | 19.3               | TX40  | 8                      | 20              | 300                                | C1      | 100     | 058814 |
| 10x90/5-35  | 12          | 90                         | 10         | 35                          | 55                     | 65                  | 21.5               | TX50  | 8                      | 40              | 300                                | C1      | 100     | 058815 |

✓ Concrete Steel Multi-Material Masonry Plasterboard



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## TAPCON® BLUE

High performance concrete anchor that cuts its own thread into concrete, brick and block

### CONCRETE



### Materials



### Applications

#### M&E - FIXING ELECTRICAL ACCESSORIES:

- Saddles
- Back boxes
- Cable clips
- Conduit clips
- P clips
- Cable cleats

#### M&E - SERVICES:

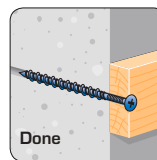
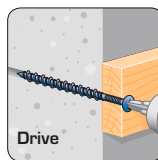
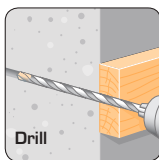
- Ductwork
- Site barriers
- Temp safety rails
- Security fencing
- Cable trays, channel
- Suspended ceilings

#### TIMBER TO CONCRETE:

- Formwork
- Battens
- Base plates
- Plywood backer boards

#### METALWORK:

- Steel framing systems
- Railings, hand rails
- Brackets and signs
- Fire protection
- Insulation systems to masonry



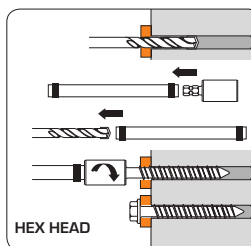
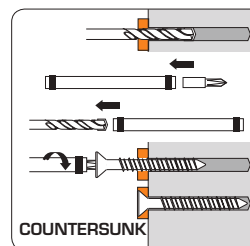
### Approvals



### Features and Benefits

- Fast installation: Drill, Drive, Done
- Versatile: Slotted washered hex head version and Phillips flat head version available
- Available in 5mm & 6mm and lengths from 32 - 125mm, to cover a wide number of applications
- Replaces small diameter expansion anchors, plugs and screws in light to medium duty applications
- No need to pre-spot holes, no inserts required
- Removable and adjustable
- Can be installed close to edges

### Installation



# Concrete Screws



## Product Range

### TAPCON® BLUE - CSK

Head Type: Countersunk



| Description | Hole Ø (mm) | Drive | Fixture Thickness (mm) | Anchor Length (mm) | Min Hole Depth (mm) | Min Embedment (mm) | Box Qty | Code   |
|-------------|-------------|-------|------------------------|--------------------|---------------------|--------------------|---------|--------|
| 3F32        | 4           | PH2   | 0 - 7                  | 32                 | 35                  | 25                 | 100     | 921507 |
| 3F45        | 4           | PH2   | 5 - 20                 | 45                 | 35                  | 25                 | 100     | 921508 |
| 3F70        | 4           | PH2   | 30 - 45                | 70                 | 35                  | 25                 | 100     | 921510 |
| 3F82 *      | 4           | PH2   | 42 - 57                | 82                 | 35                  | 25                 | 100     | 921511 |
| 4F45        | 5           | PH3   | 5 - 20                 | 45                 | 35                  | 25                 | 100     | 921514 |
| 4F57        | 5           | PH3   | 17 - 32                | 57                 | 35                  | 25                 | 100     | 921515 |
| 4F70        | 5           | PH3   | 30 - 45                | 70                 | 35                  | 25                 | 100     | 921516 |
| 4F100       | 5           | PH3   | 60 - 75                | 100                | 35                  | 25                 | 100     | 921518 |
| 4F125       | 5           | PH3   | 85 - 100               | 125                | 35                  | 25                 | 100     | 921519 |

### TAPCON® BLUE - HEX HEAD

Head Type: Hex Head



| Description | Hole Ø (mm) | Across Flats (A/F) (mm) | Fixture Thickness (mm) | Anchor Length (mm) | Min Hole Depth (mm) | Min Embedment (mm) | Box Qty | Code   |
|-------------|-------------|-------------------------|------------------------|--------------------|---------------------|--------------------|---------|--------|
| 3H32        | 4           | 6.5                     | 0 - 7                  | 32                 | 35                  | 25                 | 100     | 921498 |
| 3H45        | 4           | 6.5                     | 5 - 20                 | 45                 | 35                  | 25                 | 100     | 921499 |
| 3H57        | 4           | 6.5                     | 17 - 32                | 57                 | 35                  | 25                 | 100     | 921500 |
| 4H32        | 5           | 8                       | 0 - 7                  | 32                 | 35                  | 25                 | 100     | 921501 |
| 4H45        | 5           | 8                       | 5 - 20                 | 45                 | 35                  | 25                 | 100     | 921502 |
| 4H57        | 5           | 8                       | 17 - 32                | 57                 | 35                  | 25                 | 100     | 921503 |
| 4H70        | 5           | 8                       | 30 - 45                | 70                 | 35                  | 25                 | 100     | 921504 |
| 4H82        | 5           | 8                       | 42 - 57                | 82                 | 35                  | 25                 | 100     | 921505 |
| 4H100       | 5           | 8                       | 60 - 75                | 100                | 35                  | 25                 | 100     | 921506 |

### THREADED ROD HANGER FOR USE WITH TAPCON® PAN HEAD



| Description                     | Thread Ø | Box Qty | Code   |
|---------------------------------|----------|---------|--------|
| Threaded Rod Hanger Clip (TRH)* | M8 - M10 | 100     | 011431 |

\*Only use with mechanical fixings.

## Accessories

### Accessories for Tapcon® Countersunk & Hex Head

| Description                                   | Qty | Code    |
|-----------------------------------------------|-----|---------|
| Condrive Sleeve for SDS                       | 1   | 921437  |
| Drill Drive Adaptor for Condrive Sleeve       | 1   | 921160  |
| Tapcon Condrive Drill Driver Installation Kit | 1   | 921159* |

\*Kit includes: Condrive Sleeve, Phillips Drive Adaptor, Phillips N° 2 Drive Bit, Phillips N° 3 Drive Bit, 6.5mm Hex Socket, 8mm Hex Sockets, Drill Bit Holder, Hex Key, 4 x 110mm Drill Bit and 5 x 110mm Drill Bit.

### Accessories for Tapcon® Countersunk

| Description             | Qty | Code   |
|-------------------------|-----|--------|
| Phillips N° 2 Drive Bit | 1   | 921098 |
| Phillips N° 3 Drive Bit | 1   | 921099 |

### Accessories for Tapcon® Hex Head

| Description      | Qty | Code   |
|------------------|-----|--------|
| 6.5mm Hex Socket | 1   | 921162 |
| 8mm Hex Socket   | 1   | 921163 |

### SDS+ Drill Bits for use with Condrive Sleeve

| Description                                        | Qty | Code   |
|----------------------------------------------------|-----|--------|
| SDS+ Hex 4.35 x 180mm Tapcon Drill Bit Up to 100mm | 1   | 921137 |
| SDS+ Hex 5.15 x 180mm Tapcon Drill Bit Up to 100mm | 1   | 921154 |
| SDS+ Hex6 x 180mm Tapcon Drill Bit Up to 100mm     | 1   | 920940 |

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 ☐ Plasterboard



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## TAPCON® ACS

Self-tapping anchor for lightweight aerated concrete block

### CONCRETE



### Applications

- Shelving and bracketry
- Handrails
- HVAC
- General building

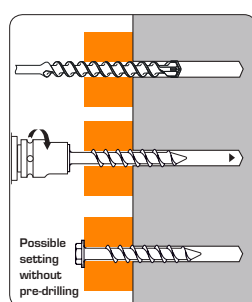
### Materials



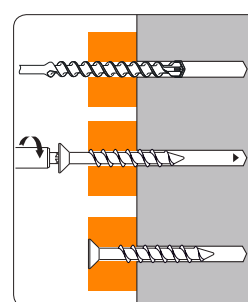
### Features and Benefits

- High performance anchor - over 50kg per fixing
- No pre-drilling required in lightweight block up to 3.6Nm
- High torque washered hex head or countersunk flush finish available
- Countersunk ribbed head aides flush finish

### Installation



ACS HEX Installation



ACS CSK Installation

### Product Range

#### TAPCON® ACS HEX CONCRETE SCREW ZINC PLATED

Head Type: Hex Head



| Description    | Thread (mm) | Overall Anchor Length (mm) | Drill (mm) | Max Fixture Thickness (mm) | Min. Embedment Depth (mm) | Drive (mm) | Fixture Clearance (mm) | Max Torque (Nm) | Impact Wrench Required Torque (Nm) | Box Qty | Code   |
|----------------|-------------|----------------------------|------------|----------------------------|---------------------------|------------|------------------------|-----------------|------------------------------------|---------|--------|
| ACS HEX 10x110 | 10          | 110                        | 4          | 10                         | 100                       | 10mm Hex   | 12                     | 6               | 200                                | 100     | 697601 |
| ACS HEX 10x160 | 10          | 160                        | 4          | 60                         | 100                       | 10mm Hex   | 12                     | 6               | 200                                | 100     | 697602 |

#### TAPCON® ACS CSK CONCRETE SCREW ZINC PLATED

Head Type: Countersunk



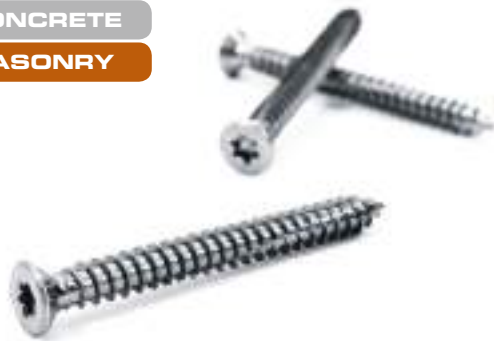
| Description    | Thread (mm) | Overall Anchor Length (mm) | Drill (mm) | Max Fixture Thickness (mm) | Min. Embedment Depth (mm) | Drive (mm) | Fixture Clearance (mm) | Max Torque (Nm) | Impact Wrench Required Torque (Nm) | Box Qty | Code   |
|----------------|-------------|----------------------------|------------|----------------------------|---------------------------|------------|------------------------|-----------------|------------------------------------|---------|--------|
| ACS CSK 10x110 | 10          | 110                        | 4          | 10                         | 100                       | TX30       | 12                     | 6               | 200                                | 100     | 697603 |
| ACS CSK 10x160 | 10          | 160                        | 4          | 60                         | 100                       | TX30       | 12                     | 6               | 200                                | 100     | 697604 |

TAPCON® FS

Self-tapping screw ideal for fixing uPVC, wood and metal frames to concrete and masonry

CONCRETE

MASONRY



Applications

- For quick and easy fixing of most common framework uPVC, wood & metal
- Windows
- Doors

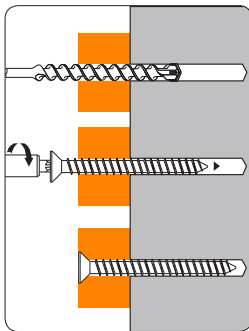
Materials



Features and Benefits

- Stress free spacer assembly screw for wood, metal and plastic window frames
- Self-tapping
- No deformation of window frame
- Fastening without wall plug
- Thread with cutting grooves provides for easy insertion of screw
- Screw with milling head for simple self-countersinking
- Specially suitable for wooden and plastic window frames
- Thread diameter 7.5mm
- TX30 drive reduces head camming

Installation



Product Range

TAPCON® FS FRAME FIXING CONCRETE SCREW

Head Type: Countersunk



| Description             | Drill Ø (mm) | Anchor Length (mm) | Box Qty | Code   |
|-------------------------|--------------|--------------------|---------|--------|
| 7.5 x 52mm Frame Screw  | 7.5          | 52                 | 100     | 153080 |
| 7.5 x 72mm Frame Screw  | 7.5          | 72                 | 100     | 153082 |
| 7.5 x 92mm Frame Screw  | 7.5          | 92                 | 100     | 153083 |
| 7.5 x 112mm Frame Screw | 7.5          | 112                | 100     | 153084 |
| 7.5 x 132mm Frame Screw | 7.5          | 132                | 100     | 153085 |
| 7.5 x 152mm Frame Screw | 7.5          | 152                | 100     | 153086 |
| 7.5 x 182mm Frame Screw | 7.5          | 182                | 100     | 153087 |

✓ Concrete   Steel   Multi-Material   ✓ Masonry   Plasterboard

## FIX3

ETA approved quality anchor for standard applications



### CONCRETE



### Materials

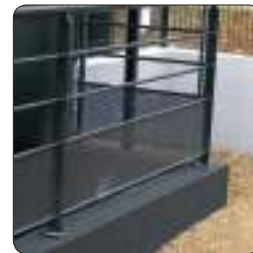


### Applications

- Steel construction
- Stair case
- Push pull bars
- Joist hangers
- Stadium seating
- HVAC
- Wooden construction
- Console
- Metal bracket

### Features and Benefits

- Offers one of the highest loads of any ETA Option 7 approved anchor
- On average 20% reduced edge and spacing distance compared to FIX II
- Rapid expansion with improved clip design
- Long thread for embedment & fixture thickness flexibility

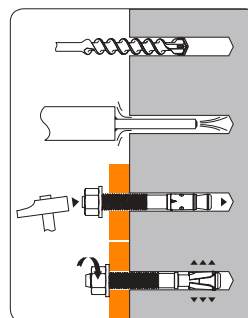


### Approvals



ETA Option 7  
n° 13/0005

### Installation



**Anchor Calculation Software**  
Available to download or use online:  
[www.SPIT.com/i-expert](http://www.SPIT.com/i-expert)

# Heavy Duty Anchors



## Product Range

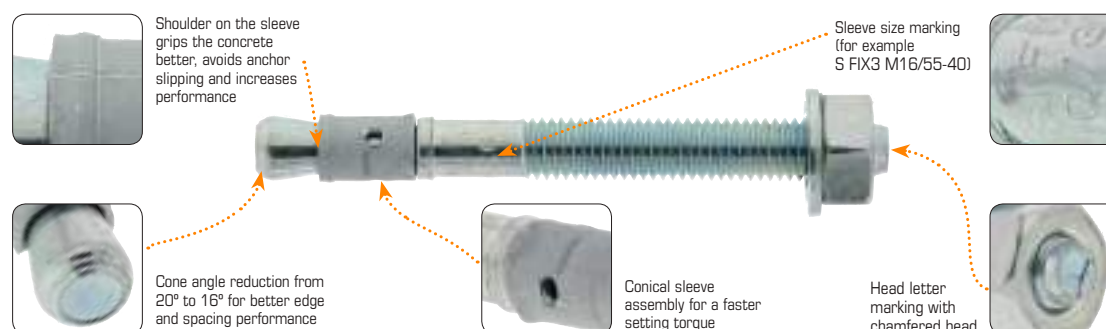
**FIX3**  
**ZINC PLATED**

Head Type: Hex Head



| Description     | Anchor thread Ø | Anchor length (mm) | Drill hole Ø (mm) | Min. drilling depth (mm) | Max. fixing thickness (mm) | Wrench size | Clearance Ø (mm) | Box Qty | Code   |
|-----------------|-----------------|--------------------|-------------------|--------------------------|----------------------------|-------------|------------------|---------|--------|
| M6 x 45mm ZP*   | M6              | 45                 | 6                 | 41                       | 5                          | 10          | 7                | 100     | 050510 |
| M6 x 55mm ZP*   | M6              | 55                 | 6                 | 41                       | 20                         | 10          | 7                | 100     | 050520 |
| M6 x 85mm ZP*   | M6              | 85                 | 6                 | 41                       | 50                         | 10          | 4                | 100     | 050530 |
| M8 x 55mm ZP    | M8              | 55                 | 8                 | 50                       | 5                          | 13          | 9                | 100     | 057450 |
| M8 x 70mm ZP    | M8              | 70                 | 8                 | 50                       | 20                         | 13          | 9                | 100     | 057451 |
| M8 x 90mm ZP    | M8              | 90                 | 8                 | 50                       | 40                         | 13          | 9                | 50      | 057452 |
| M8 x 100mm ZP   | M8              | 100                | 8                 | 50                       | 50                         | 13          | 9                | 50      | 057453 |
| M8 x 115mm ZP   | M8              | 115                | 8                 | 50                       | 65                         | 13          | 9                | 50      | 057454 |
| M8 x 130mm ZP   | M8              | 130                | 8                 | 50                       | 80                         | 13          | 9                | 50      | 057455 |
| M8 x 160mm ZP   | M8              | 160                | 8                 | 50                       | 110                        | 13          | 9                | 50      | 057456 |
| M10 x 65mm ZP   | M10             | 65                 | 10                | 60                       | 5                          | 17          | 12               | 50      | 057460 |
| M10 x 75mm ZP   | M10             | 75                 | 10                | 60                       | 15                         | 17          | 12               | 50      | 057461 |
| M10 x 85mm ZP   | M10             | 85                 | 10                | 60                       | 25                         | 17          | 12               | 50      | 057462 |
| M10 x 95mm ZP   | M10             | 95                 | 10                | 60                       | 36                         | 17          | 12               | 50      | 057463 |
| M10 x 110mm ZP  | M10             | 110                | 10                | 60                       | 50                         | 17          | 12               | 25      | 057464 |
| M10 x 125mm ZP  | M10             | 125                | 10                | 60                       | 65                         | 17          | 12               | 25      | 057465 |
| M10 x 140mm ZP  | M10             | 140                | 10                | 60                       | 80                         | 17          | 12               | 25      | 057466 |
| M10 x 160mm ZP  | M10             | 160                | 10                | 60                       | 100                        | 17          | 12               | 25      | 057467 |
| M12 x 80mm ZP   | M12             | 80                 | 12                | 75                       | 5                          | 19          | 14               | 25      | 057470 |
| M12 x 100mm ZP  | M12             | 100                | 12                | 75                       | 25                         | 19          | 14               | 25      | 057471 |
| M12 x 115mm ZP  | M12             | 115                | 12                | 75                       | 40                         | 19          | 14               | 25      | 057472 |
| M12 x 125mm ZP  | M12             | 125                | 12                | 75                       | 50                         | 19          | 14               | 25      | 057473 |
| M12 x 140mm ZP  | M12             | 140                | 12                | 75                       | 65                         | 19          | 14               | 25      | 057474 |
| M12 x 160mm ZP  | M12             | 160                | 12                | 75                       | 85                         | 19          | 14               | 25      | 057475 |
| M12 x 180mm ZP  | M12             | 180                | 12                | 75                       | 105                        | 19          | 14               | 25      | 057476 |
| M12 x 220mm ZP  | M12             | 220                | 12                | 75                       | 145                        | 19          | 14               | 20      | 057477 |
| M12 x 290mm ZP* | M12             | 290                | 12                | 75                       | 215                        | 19          | 14               | 10      | 057478 |
| M16 x 100mm ZP  | M16             | 100                | 16                | 95                       | 5                          | 24          | 18               | 20      | 057480 |
| M16 x 125mm ZP  | M16             | 125                | 16                | 95                       | 30                         | 24          | 18               | 20      | 057481 |
| M16 x 150mm ZP  | M16             | 150                | 16                | 95                       | 55                         | 24          | 18               | 10      | 057482 |
| M16 x 170mm ZP  | M16             | 170                | 16                | 95                       | 75                         | 24          | 18               | 10      | 057483 |
| M16 x 185mm ZP  | M16             | 185                | 16                | 95                       | 90                         | 24          | 18               | 10      | 057484 |
| M16 x 235mm ZP* | M16             | 235                | 16                | 95                       | 140                        | 24          | 18               | 10      | 057485 |
| M16 x 300mm ZP* | M16             | 300                | 16                | 95                       | 205                        | 24          | 18               | 10      | 057486 |
| M20 x 125mm ZP  | M20             | 125                | 20                | 110                      | 10                         | 30          | 22               | 10      | 057490 |
| M20 x 165mm ZP  | M20             | 165                | 20                | 110                      | 50                         | 30          | 22               | 10      | 057491 |
| M20 x 220mm ZP  | M20             | 220                | 20                | 110                      | 105                        | 30          | 22               | 10      | 057492 |

\*Not ETA approved.



☒ Concrete
 ☐ Steel
 ☐ Multi-Material
 ☐ Masonry
 ☐ Plasterboard



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## RAMBOLT

Offers high level of expansion to produce excellent grip

### CONCRETE



#### Materials



#### Applications

##### Loose Bolt Version:

- Racking storage
- Stadium seating
- Cable trays trunking
- Pipework switch gear
- Ventilation ducts
- Mechanical Electrical Services

##### Projecting Bolt Version

- Lift guide rails
- Brackets
- Wall plates
- Scaffolding: hosts, eyes, guy ropes
- Chains
- Lighting supports

#### Features and Benefits

- Quick expansion - by simply tightening the bolt
- Versatile - supplied with or without bolt, stud version, & eyebolt version (bagged range) available
- Fixes a wide variety of material thicknesses
- High performance - full area contact in hole (substrate)

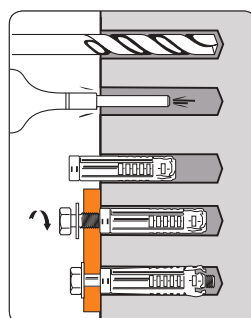


#### Approvals



ETA Option B  
nr 01/0012

#### Installation



# Heavy Duty Anchors



## Product Range

### RAMBOLT PROJECTING BOLT - ZINC PLATED

Head Type: Hex Head



| Description   | Anchor thread Ø | Anchor length (mm) | Drill hole Ø (mm) | Min. drilling depth (mm) | Max. fixing thickness (mm) | Wrench size | Clearance Ø (mm) | Box Qty | Code   |
|---------------|-----------------|--------------------|-------------------|--------------------------|----------------------------|-------------|------------------|---------|--------|
| M6 x 62mm     | M6              | 40                 | 10                | 45                       | 15                         | 10          | 7                | 50      | 921034 |
| M6 x 77mm     | M6              | 40                 | 10                | 45                       | 30                         | 10          | 7                | 50      | 921035 |
| M8 x 78mm     | M8              | 50                 | 14                | 55                       | 20                         | 13          | 9                | 50      | 921037 |
| M8 x 103mm    | M8              | 50                 | 14                | 55                       | 45                         | 13          | 9                | 50      | 921038 |
| M8 x 143mm    | M8              | 50                 | 14                | 55                       | 85                         | 13          | 9                | 25      | 921039 |
| M10 x 104mm   | M10             | 60                 | 16                | 65                       | 30                         | 17          | 12               | 25      | 921041 |
| M10 x 124mm   | M10             | 60                 | 16                | 65                       | 50                         | 17          | 12               | 25      | 921042 |
| M10 x 144mm   | M10             | 60                 | 16                | 65                       | 70                         | 17          | 12               | 25      | 921043 |
| M12 x 115mm   | M12             | 80                 | 20                | 85                       | 20                         | 19          | 14               | 10      | 921045 |
| M12 x 125mm   | M12             | 80                 | 20                | 85                       | 30                         | 19          | 14               | 10      | 921046 |
| M12 x 145mm   | M12             | 80                 | 20                | 85                       | 50                         | 19          | 14               | 10      | 921047 |
| M12 x 160mm   | M12             | 80                 | 20                | 85                       | 65                         | 19          | 14               | 10      | 921048 |
| M16 x 145mm * | M16             | 100                | 25                | 105                      | 25                         | 24          | 18               | 10      | 921049 |

\*Not ETA approved.

### RAMBOLT LOOSE BOLT - ZINC PLATED

Head Type: Hex Head



| Description   | Anchor thread Ø | Anchor length (mm) | Drill hole Ø (mm) | Min. drilling depth (mm) | Max. fixing thickness (mm) | Wrench size | Clearance Ø (mm) | Box Qty | Code   |
|---------------|-----------------|--------------------|-------------------|--------------------------|----------------------------|-------------|------------------|---------|--------|
| M6 x 60mm     | M6              | 60                 | 10                | 45                       | 15                         | 10          | 7                | 50      | 921017 |
| M6 x 80mm     | M6              | 80                 | 10                | 45                       | 35                         | 10          | 7                | 50      | 921018 |
| M8 x 83mm     | M8              | 83                 | 14                | 55                       | 25                         | 13          | 9                | 50      | 921021 |
| M8 x 103mm    | M8              | 103                | 14                | 55                       | 35                         | 13          | 9                | 50      | 921022 |
| M10 x 86mm    | M10             | 86                 | 16                | 65                       | 15                         | 17          | 12               | 25      | 921023 |
| M10 x 106mm   | M10             | 106                | 16                | 65                       | 35                         | 17          | 12               | 25      | 921024 |
| M10 x 126mm   | M10             | 126                | 16                | 65                       | 55                         | 17          | 12               | 25      | 921025 |
| M10 x 156mm   | M10             | 156                | 16                | 65                       | 85                         | 17          | 12               | 25      | 921026 |
| M12 x 115mm   | M12             | 115                | 20                | 85                       | 20                         | 19          | 14               | 25      | 921027 |
| M12 x 145mm   | M12             | 145                | 20                | 85                       | 50                         | 19          | 14               | 25      | 921029 |
| M12 x 165mm   | M12             | 165                | 20                | 85                       | 70                         | 19          | 14               | 10      | 921030 |
| M16 x 148mm * | M16             | 148                | 25                | 105                      | 30                         | 24          | 18               | 10      | 921032 |

\*Not ETA approved.



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## GRIP & GRIP LIP

ETA approved internally threaded anchor with or without lip



### CONCRETE



#### Materials

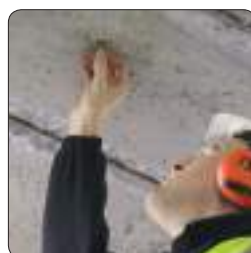


#### Applications

- Pipes
- Cable trays
- Suspended ceiling
- Hand rails
- Stadium seating
- Mechanical electrical services
- Push pull bars
- Sprinklers

#### Features and Benefits

- ETA Option 7 for use in non-cracked concrete
- Short embedment depth avoiding rebar contact
- Fire rated for fire resistance
- Flexible fixture thickness
- Lip version for easy setting
- Stainless steel version for outdoor use or high corrosion environments



#### Approvals



ETA Option 7  
n° 05/0053

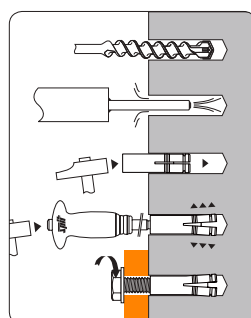


R120 Fire  
Resistance



FM  
Approved

#### Installation



Use correct SPIT setting tool only



**Anchor Calculation Software**  
Available to download or use online:  
[www.SPIT.com/i-expert](http://www.SPIT.com/i-expert)

# Heavy Duty Anchors



## Product Range

### GRIP LIP ZINC PLATED



| Description       | Anchor thread Ø | Anchor Length (mm) | Drill hole Ø (mm) | Thread Length (mm) | Drilling Depth (mm) | Max Tightening Torque (Nm) | Box Qty | Code   | ST-M Manual Setting Tool | ST-RH Rotary Hammer Setting Tool |
|-------------------|-----------------|--------------------|-------------------|--------------------|---------------------|----------------------------|---------|--------|--------------------------|----------------------------------|
| M6 x 30mm Lip ZP  | M6              | 30                 | 8                 | 13                 | 32                  | 5                          | 100     | 050789 | M6 x 30mm 050922         | - -                              |
| M8 x 30mm Lip ZP  | M8              | 30                 | 10                | 13                 | 33                  | 10                         | 100     | 050790 | M8 x 30mm 050923         | M8 x 30mm 050929                 |
| M10 x 30mm Lip ZP | M10             | 30                 | 12                | 11                 | 43                  | 22                         | 100     | 050799 | M10 x 30mm 051015        | - -                              |
| M10 x 40mm Lip ZP | M10             | 40                 | 12                | 15                 | 43                  | 22                         | 100     | 050791 | M10 x 40mm 050924        | M10 x 40mm 050930                |
| M12 x 50mm Lip ZP | M12             | 50                 | 15                | 21                 | 54                  | 36                         | 50      | 050792 | M12 x 50mm 050925        | - -                              |
| M16 x 65mm Lip ZP | M16             | 65                 | 20                | 28                 | 70                  | 80                         | 20      | 050793 | M16 x 65mm 050926        | - -                              |

### GRIP ZINC PLATED



| Description   | Anchor thread Ø | Anchor Length (mm) | Drill hole Ø (mm) | Thread Length (mm) | Drilling Depth (mm) | Max Tightening Torque (Nm) | Box Qty | Code   | ST-M Manual Setting Tool | ST-RH Rotary Hammer Setting Tool |
|---------------|-----------------|--------------------|-------------------|--------------------|---------------------|----------------------------|---------|--------|--------------------------|----------------------------------|
| M6 x 30mm ZP  | M6              | 30                 | 8                 | 13                 | 32                  | 5                          | 100     | 062010 | M6 x 30mm 050922         | - -                              |
| M8 x 30mm ZP  | M8              | 30                 | 10                | 13                 | 32                  | 10                         | 100     | 062020 | M8 x 30mm 050923         | M8 x 30mm 050929                 |
| M10 x 40mm ZP | M10             | 40                 | 12                | 15                 | 42                  | 22                         | 100     | 062330 | M10 x 40mm 050924        | M10 x 40mm 050930                |
| M10 x 50mm ZP | M12             | 50                 | 15                | 21                 | 53                  | 36                         | 50      | 062390 | M12 x 50mm 050925        | - -                              |
| M12 x 65mm ZP | M16             | 65                 | 20                | 28                 | 70                  | 80                         | 20      | 062470 | M16 x 65mm 050926        | - -                              |

### GRIP A4 STAINLESS STEEL A4-316



| Description      | Anchor thread Ø | Anchor Length (mm) | Drill hole Ø (mm) | Thread Length (mm) | Drilling Depth (mm) | Max Tightening Torque (Nm) | Box Qty | Code   | Stainless Steel Setting Tool |        |
|------------------|-----------------|--------------------|-------------------|--------------------|---------------------|----------------------------|---------|--------|------------------------------|--------|
| M6 x 30mm SS A4  | M6              | 30                 | 8                 | 13                 | 32                  | 5                          | 100     | 062240 | M6 x 30mm                    | 050214 |
| M8 x 30mm SS A4  | M8              | 30                 | 10                | 13                 | 33                  | 10                         | 100     | 062250 | M8 x 30mm                    | 050215 |
| M10 x 40mm SS A4 | M10             | 40                 | 12                | 15                 | 43                  | 22                         | 100     | 062260 | M10 x 40mm                   | 050216 |
| M12 x 50mm SS A4 | M12             | 50                 | 15                | 21                 | 54                  | 36                         | 50      | 062270 | M12 x 50mm                   | 050217 |
| M16 x 65mm SS A4 | M16             | 65                 | 20                | 28                 | 70                  | 80                         | 25      | 062280 | M16 x 65mm                   | 050218 |



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## DRIVA®

Original self-drilling plasterboard fixings



### PLASTERBOARD



#### Materials



With Pre-drill  
Hole Ø 8mm

#### Applications

- Internal fixtures and fittings
- Plumbing installations
- Electrical installations
- Signage
- Trunking (Mini Driva® only)
- Dado rails
- Radiators (Driva® Plus only)

#### Features and Benefits

- No need for pre-drilling
- Unique thread design ensures the optimum fixing
- Aggressive nose creates fast initial grab
- Adjustable screw depth offers flexible installation
- Suitable for single or double layered plasterboard
- For all kinds of plasterboard
- Installed using manual or electrical tools

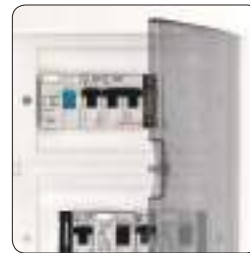
#### Range

**DRIVA®** one piece self-drilling anchor designed for fastening light / medium loads to plasterboard. For use in plasterboard, simply screw using a normal or power screwdriver.

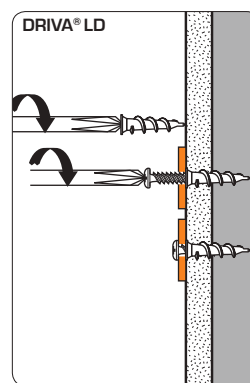
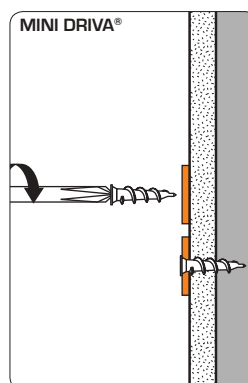
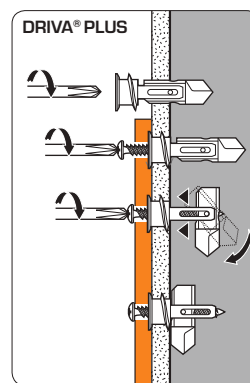
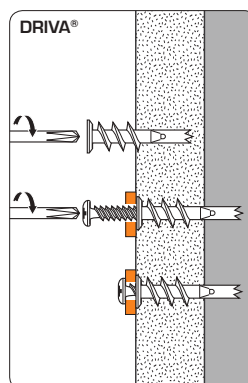
When using standard **DRIVA®** in aerated concrete it is necessary to drill a 8mm diameter pilot hole.

**DRIVA® PLUS** works in the same way as standard Driva® in plasterboard, but is designed for fixing heavier loads. The additional hinged toggle swivels and pulls towards the inner face of the cavity through the action of the mounting screw. This gives a combined screw and clamp fix.

**MINI DRIVA®** is used on its own, as a coarse screw specially designed for plasterboard.



#### Installation



## Product Range

### DRIVA®

#### ORIGINAL PLASTERBOARD FIXING



| Description        | Ø (mm) | Anchor length (mm) | Drill hole Ø (mm) | Max. fixing thickness (mm) | Min. thickness base material | Min. Ø screw | Max. Ø screw | Recess size | Box Qty | Code   |
|--------------------|--------|--------------------|-------------------|----------------------------|------------------------------|--------------|--------------|-------------|---------|--------|
| Driva TP12         | 14     | 31                 | 8                 | 12                         | 10                           | 4,5 - 4,5    | 4,5          | PZ 2        | 100     | 059360 |
| Driva TF5          | 14     | 31                 | 8                 | 5                          | 10                           | 4,5 - 4,5    | 4,5          | PZ 2        | 100     | 059370 |
| Driva TF27         | 14     | 31                 | 8                 | 27                         | 10                           | 4,5 - 4,5    | 4,5          | PZ 2        | 100     | 059380 |
| Driva F12 Plastic* | -      | 31                 | 8                 | 12                         | 10                           | 4,5 - 4,5    | 4,5          | PZ 2        | 100     | 059910 |

\*For pre-drilling into aerated concrete. TP = Pan Head TF = Countersunk

### DRIVA® PLUS TP12

#### PLASTERBOARD FIXING FOR HEAVY LOADS



| Description     | Ø (mm) | Anchor length (mm) | Drill hole Ø (mm) | Max. fixing thickness (mm) | Min. thickness base material | Max. thickness base material | Min. Ø screw | Max. Ø screw | Box Qty | Code   |
|-----------------|--------|--------------------|-------------------|----------------------------|------------------------------|------------------------------|--------------|--------------|---------|--------|
| Driva Plus TP12 | 16     | 31                 | 0                 | 12                         | 10                           | 13                           | 4,5 - 4,5    | 4,5          | 100     | 061190 |

TP = Pan Head.

### MINI DRIVA

#### ONE STEP PLASTERBOARD FIXING



| Description | Ø (mm) | Anchor length (mm) | Min. thickness base material | Box Qty | Code   |
|-------------|--------|--------------------|------------------------------|---------|--------|
| Mini Driva  | 8      | 26                 | 10                           | 200     | 059430 |

### DRIVA® LD

#### NON-CONDUCTIVE PLASTERBOARD FIXING



| Description | Ø (mm) | Anchor length (mm) | Drill hole Ø (mm) | Max. fixing thickness (mm) | Min. Ø screw | Max. Ø screw | Recess size | Box Qty | Code   |
|-------------|--------|--------------------|-------------------|----------------------------|--------------|--------------|-------------|---------|--------|
| Driva Nylon | 10     | 30                 | 5                 | 12                         | 3,0 - 3,0    | 3,0          | PZ 2        | 15      | 061630 |

### DRIVA® TP12 KIT

#### WITH SCREWDRIVER



| Description                       | Ø (mm) | Anchor length (mm) | Drill hole Ø (mm) | Max. fixing thickness (mm) | Min. thickness base material | Min. Ø screw | Max. Ø screw | Recess size | Box Qty | Code   |
|-----------------------------------|--------|--------------------|-------------------|----------------------------|------------------------------|--------------|--------------|-------------|---------|--------|
| Driva TP12 x 200 with Screwdriver | 14     | 31                 | 8                 | 12                         | 10                           | 4,5 - 4,5    | 4,5          | PZ 2        | 200     | 074180 |

TP = Pan Head.

Concrete Steel Multi-Material Masonry ☒ Plasterboard



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## RAMSET WIRE HANGER

Assisted suspension anchor ideal for fixing suspended ceilings or supporting wires



### CONCRETE



### Applications

- Fixing cables for suspended ceilings
- Lighting
- Signage

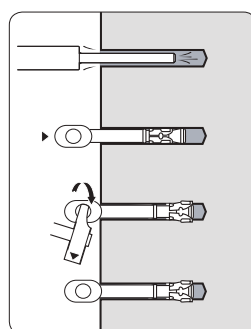
### Materials



### Features and Benefits

- Wide eye for an easier installation of lightweight cabling and lighting applications
- Quick installation with a hammer
- 100% metal anchor

### Installation



After inserting into the hole, a swift tug with a claw hammer sets the anchor. Under loading, the expansion cone draws into the expansion sleeve ensuring a secure fix.

### Product Range

#### WIRE HANGER



| Description | Ø (mm) | Anchor length (mm) | Eye Ø (mm) | Min Hole Depth (mm) | Box Qty | Code   |
|-------------|--------|--------------------|------------|---------------------|---------|--------|
| 6 x 60mm    | 6      | 60                 | 6.2        | 43                  | 100     | 922781 |

**RAMSET VF1**

Vertical flange clip for fixing suspended wire and lighting to steel profiles



**STEEL**



**Applications**

- Fixing of cable to steel purlins
- Fixing suspended ceilings to steel profiles
- Fixing lighting systems to steel profiles

**Materials**

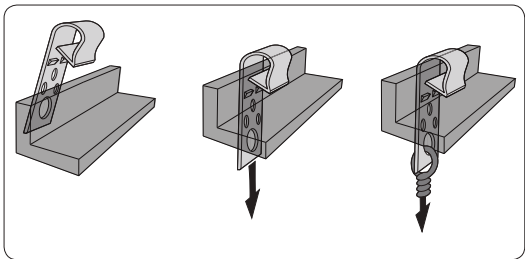


STEEL PURLINS ONLY

**Features and Benefits**

- All steel (fire resistant)
- Series of strong barbs grip the flange
- Angle trim may, for suspended ceilings, be bolted through the larger hole using M6 bolts

**Installation**



**Product Range**

VF1



| Description                   | Large Drilled Hole Ø (mm) | Small Drilled Hole Ø (mm) | Box Qty | Code   |
|-------------------------------|---------------------------|---------------------------|---------|--------|
| VF1 - For Flanges 1.6 - 2.5mm | 7                         | 3                         | 100     | 923504 |

☒ Concrete

☒ Steel

☐ Multi-Material

☐ Masonry

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## EPOMAX

High performance resin suitable for stud & rebar in wet or flooded holes



### Materials



### Applications

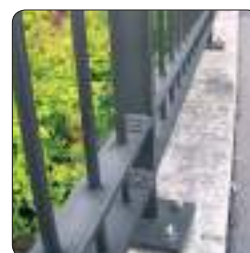
- Post installed rebar
- Structural steel anchoring
- Safety barriers
- Balustrades
- Guard rails

### Features and Benefits

- ETA Approved for female studs (M8 to M20) & male studs (M8 to M30)
- ETA Approved for rebar Ø8 to Ø32 mm
- Fast curing (40min at 20°C)
- Cures in substrate temperature range -5°C to 40°C
- Suitable for wet, flooded holes & areas with high humidity
- Suitable in diamond drilled holes for rebar applications
- Adjustable hole embedment depth
- Volatile Organic Compound (VOC) rating A+
- 16 months shelf life



\*London Underground Approval - Please ask for more information.



### Product Code

| Description                            | Box Qty | Code    |
|----------------------------------------|---------|---------|
| EPOMAX Grey 150ml Cartridge + 1 Nozzle | 1       | 055883* |
| EPOMAX Grey 380ml Cartridge + 1 Nozzle | 1       | 055885* |

\*Must be ordered in multiples of 12.

### Approvals



ETA Option 7  
n° 05/0111  
(STUD)



ETA TR 023  
n° 08/0201  
(REBAR)



R240 Fire  
Resistance



HOLLOW  
SOCOTEC  
n° GX 0070



Fire Tested



Volatile  
Organic  
Compound



London  
Underground  
Approval\*

### Curing Time

| Temperature | Stud    | Rebar    |
|-------------|---------|----------|
| -5°C → -1°C | 22 min. | 720 min. |
| 0°C → 9°C   | 11 min. | 210 min. |
| 10°C → 19°C | 6 min.  | 60 min.  |
| 20°C → 29°C | 3 min.  | 40 min.  |
| 30°C → 39°C | 1 min.  | 25 min.  |
| 40°C        | 1 min.  | 30 min.  |

## EPOMAX

### Threaded Studs, Rebar & Sleeves

#### Cartridge Fixings

#### NO. FIXINGS PER CARTRIDGE THREADED STUD



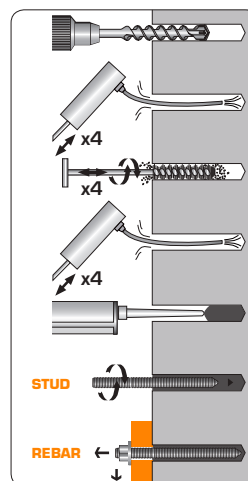
| Stud | Drill Ø<br>mm | Drill Depth<br>mm | No. Fixings<br>150ml | No. Fixings<br>380ml |
|------|---------------|-------------------|----------------------|----------------------|
| M8   | 10            | 80                | 55                   | 140                  |
| M10  | 12            | 90                | 40                   | 102                  |
| M12  | 14            | 110               | 28                   | 70                   |
| M16  | 18            | 125               | 19                   | 47                   |
| M20  | 25            | 170               | 4                    | 11                   |
| M24  | 28            | 210               | 4                    | 9                    |
| M30  | 35            | 280               | 2                    | 4                    |

#### NO. FIXINGS PER CARTRIDGE REBAR



| Rebar<br>(mm) | Drill Ø<br>(mm) | Drill Depth<br>(mm) | No. Fixings<br>380ml |
|---------------|-----------------|---------------------|----------------------|
| 8             | 10              | 100                 | 112                  |
|               |                 | 190                 | 59                   |
|               |                 | 225                 | 50                   |
|               |                 | 322                 | 35                   |
| 10            | 12              | 121                 | 76                   |
|               |                 | 230                 | 40                   |
|               |                 | 282                 | 33                   |
|               |                 | 403                 | 23                   |
| 12            | 15              | 145                 | 34                   |
|               |                 | 280                 | 18                   |
|               |                 | 338                 | 15                   |
|               |                 | 483                 | 10                   |
| 14            | 18              | 169                 | 19                   |
|               |                 | 330                 | 10                   |
|               |                 | 395                 | 8                    |
|               |                 | 564                 | 6                    |
| 16            | 20              | 193                 | 15                   |
|               |                 | 370                 | 8                    |
|               |                 | 451                 | 6                    |
|               |                 | 644                 | 4                    |
| 20            | 25              | 242                 | 7                    |
|               |                 | 470                 | 4                    |
|               |                 | 564                 | 3                    |
|               |                 | 805                 | 2                    |
| 25            | 32              | 302                 | 3                    |
|               |                 | 550                 | 2                    |
|               |                 | 704                 | 1                    |
|               |                 | 900                 | 1                    |
| 28            | 35              | 338                 | 3                    |
|               |                 | 650                 | 1                    |
|               |                 | 750                 | 1                    |
|               |                 | 900                 | 1                    |
| 32            | 40              | 386                 | 2                    |
|               |                 | 550                 | 1                    |
|               |                 | 700                 | 1                    |
|               |                 | 900                 | 1                    |

#### Installation



#### Accessories

| Description                                      | Box Qty | Code   |
|--------------------------------------------------|---------|--------|
| Manual Injection Tool (380ml - 410ml) - Standard | 1       | 922750 |
| Manual Injection Tool (380ml - 410ml) - Premium  | 1       | 077151 |
| Extension Nozzle (290mm Long)                    | 1       | 995940 |
| Nozzle for Cartridges                            | 1       | 050882 |
| Manual Cleaning Kit + Tool Box                   | 1       | 055832 |
| Hand Operated Blow Out Pump                      | 1       | 065990 |



Chemical



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## MAXIMA CAPSULES

High performance fast setting all in one, easy to use complete system



### Materials



### Applications

- Structural steel anchoring
- Safety barriers
- Balustrades
- Curtain wall
- Guard rails
- High end production lines
- Machinery installation
- Warehousing
- Stadium barriers
- Road signs
- Overhead applications

### Features and Benefits

- ETA Approved for non-cracked concrete from M8 to M30
- Gun free injection system for easy & fast setting
- No product waste, very economical system
- Individual dose, you buy what you need
- Capsule system enables simple overhead installation
- Ideal for installation in wet and damp conditions
- 18 months shelf life ensures less waste



\*London Underground Approval - Please ask for more information.



### Approvals



ETA Option 7  
03/0008 - ZINC (STUD)



ETA Option 7  
03/0008 - ST/ST (STUD)

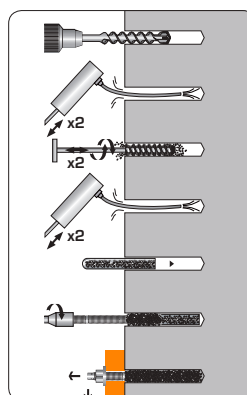


London Underground  
Approval\*

### Curing Times

| Temperature | Curing Time |
|-------------|-------------|
| -5°C → 0°C  | 5 h         |
| 1°C → 9°C   | 1 h         |
| 10°C → 19°C | 30 min      |
| 20°C        | 20 min      |

### Installation



## MAXIMA CAPSULES AND THREADED STUDS



### MAXIMA CAPSULES



| Capsule Ø | Capsule Length (mm) | Hole Ø (mm) | Drill Depth (mm) | Box Qty | Code   |
|-----------|---------------------|-------------|------------------|---------|--------|
| M8        | 80                  | 10          | 80               | 10      | 051500 |
| M10       | 85                  | 12          | 90               | 10      | 051510 |
| M12       | 107                 | 14          | 110              | 10      | 051520 |
| M16       | 107                 | 18          | 125              | 10      | 051530 |
| M20       | 162                 | 25          | 170              | 10      | 051540 |
| M24       | 200                 | 28          | 210              | 10      | 051550 |
| M30       | 260                 | 35          | 280              | 5       | 051560 |

### MAXIMA THREADED STUDS - ZINC PLATED MIN. 5µM DOUBLE CHISEL POINT



| Thread Ø | Stud Length (mm) | Max. Fixture Thickness (mm) | Hole Ø (mm) | Setting Tool Included | Box Qty | Code   |
|----------|------------------|-----------------------------|-------------|-----------------------|---------|--------|
| M20      | 260              | 65                          | 25          | No*                   | 10      | 655220 |
| M24      | 300              | 63                          | 28          | No*                   | 10      | 655240 |
| M30      | 380              | 70                          | 35          | No*                   | 5       | 050940 |

Grade 5.8 Carbon Steel.

\*Please order Eurocode 151500 - Setting tool for Maxima M20, M24 and M30.

### MAXIMA THREADED STUDS - ZINC PLATED MIN. 6µM ROSEHEAD



| Thread Ø | Stud Length mm | Max. Fixture Thickness mm | Hole Ø mm | Setting Tool Included | Box Qty | Code   |
|----------|----------------|---------------------------|-----------|-----------------------|---------|--------|
| M8       | 110            | 15                        | 10        | Yes                   | 10      | 050950 |
| M10      | 130            | 20                        | 12        | Yes                   | 10      | 050960 |
| M12      | 160            | 25                        | 14        | Yes                   | 10      | 050970 |
| M16      | 190            | 35                        | 18        | Yes                   | 10      | 050980 |

Grade 6.8 Carbon Steel.

### MAXIMA THREADED STUDS - STAINLESS STEEL GRADE A4 ROSEHEAD



| Thread Ø | Stud Length (mm) | Max. Fixture Thickness mm | Hole Ø (mm) | Setting Tool Included | Box Qty | Code   |
|----------|------------------|---------------------------|-------------|-----------------------|---------|--------|
| M8       | 110              | 15                        | 10          | Yes                   | 10      | 052400 |
| M10      | 130              | 20                        | 12          | Yes                   | 10      | 052410 |
| M12      | 160              | 25                        | 14          | Yes                   | 10      | 052420 |
| M16      | 190              | 35                        | 18          | Yes                   | 10      | 052440 |
| M20      | 260              | 65                        | 25          | No*                   | 10      | 052450 |
| M24      | 300              | 63                        | 28          | No*                   | 10      | 052470 |
| M30      | 380              | 70                        | 35          | No*                   | 5       | 052490 |

\*Please order Eurocode 151500 - Setting tool for Maxima M20, M24 and M30.

### MAXIMA KITS EACH KIT CONTAINS 10 STUDS, 10 CAPSULES & 1 SETTING TOOL



| Description                        | Box Qty | Code   |
|------------------------------------|---------|--------|
| 10 x M8 Studs and Maxima Capsules  | 1       | 050061 |
| 10 x M10 Studs and Maxima Capsules | 1       | 050062 |
| 10 x M12 Studs and Maxima Capsules | 1       | 050063 |
| 10 x M16 Studs and Maxima Capsules | 1       | 050064 |

In order for technical values and approvals to be valid, studs with embedment depth mark should be used.



Chemical



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## THREADED STUDS & SOCKETS FOR CHEMICAL RESINS

### THREADED STUDS - ZINC PLATED MINIMUM 5µM DOUBLE CHISEL POINT



| Thread Ø | Stud Length (mm) | Max. Fixture Thickness (mm) | Hole Ø (mm) | Min. Hole Depth (mm) | Box Qty | Code    |
|----------|------------------|-----------------------------|-------------|----------------------|---------|---------|
| M8       | 110              | 15                          | 10          | 80                   | 10      | 055800  |
| M10      | 130              | 20                          | 12          | 90                   | 10      | 055801  |
| M12      | 160              | 25                          | 14          | 110                  | 10      | 055802  |
| M16      | 190              | 35                          | 18          | 125                  | 10      | 055803  |
| M20      | 260              | 65                          | 25          | 170                  | 5       | 055804  |
| M24      | 300              | 63                          | 28          | 210                  | 10      | 655240* |
| M30      | 380              | 70                          | 35          | 280                  | 5       | 050940* |

Grade 5.8 Carbon Steel.  
\*Maxima Threaded Studs

### THREADED STUDS - STAINLESS STEEL GRADE A4-316 45° CHISEL POINT



| Thread Ø | Stud Length (mm) | Max. Fixture Thickness (mm) | Hole Ø (mm) | Min. Hole Depth (mm) | Box Qty | Code   |
|----------|------------------|-----------------------------|-------------|----------------------|---------|--------|
| M8       | 110              | 15                          | 10          | 80                   | 10      | 920017 |
| M10      | 130              | 20                          | 12          | 90                   | 10      | 920018 |
| M12      | 160              | 25                          | 14          | 110                  | 10      | 920019 |
| M16      | 190              | 35                          | 18          | 125                  | 10      | 920020 |
| M20      | 260              | 65                          | 25          | 170                  | 10      | 920021 |
| M24      | 300              | 63                          | 28          | 210                  | 5       | 920022 |

### INTERNALLY THREADED SOCKETS - ZINC PLATED MINIMUM 5µM 45° CHISEL POINT



| Thread Ø | Stud Length (mm) | Max. Fixture Thickness (mm) | Hole Ø (mm) | Min. Hole Depth (mm) | Box Qty | Code   |
|----------|------------------|-----------------------------|-------------|----------------------|---------|--------|
| M8       | 25               | 90                          | 14          | 95                   | 10      | 921071 |
| M10      | 30               | 90                          | 20          | 95                   | 10      | 921073 |
| M12      | 35               | 90                          | 24          | 95                   | 10      | 921075 |
| M16      | 50               | 125                         | 28          | 130                  | 10      | 921077 |

Grade 5.8 Carbon Steel.

### INTERNALLY THREADED SOCKETS - STAINLESS STEEL GRADE A2-304 45° CHISEL POINT



| Thread Ø | Stud Length (mm) | Max. Fixture Thickness (mm) | Hole Ø (mm) | Min. Hole Depth (mm) | Box Qty | Code   |
|----------|------------------|-----------------------------|-------------|----------------------|---------|--------|
| M8       | 25               | 90                          | 14          | 95                   | 10      | 921072 |
| M10      | 30               | 90                          | 20          | 95                   | 10      | 921074 |
| M12      | 35               | 90                          | 24          | 95                   | 10      | 921076 |
| M16      | 50               | 125                         | 28          | 130                  | 10      | 921078 |

### ATP SOCKETS



| Internal Thread Ø | Thread Length (mm) | Anchor Length (mm) | Hole Ø (mm) | Min. Hole Depth (mm) | Material        | Box Qty | Code   |
|-------------------|--------------------|--------------------|-------------|----------------------|-----------------|---------|--------|
| M10               | 25                 | 65                 | 20          | 70                   | Zinc Plated     | 10      | 062480 |
| M12               | 30                 | 75                 | 24          | 75                   | Zinc Plated     | 10      | 062760 |
| M10               | 25                 | 65                 | 20          | 70                   | Stainless Steel | 10      | 062960 |
| M12               | 30                 | 75                 | 24          | 75                   | Stainless Steel | 10      | 063100 |

In order for technical values and approvals to be valid, studs with embedment depth mark should be used.

## CHEMICAL RESIN ACCESSORIES AND CLEANING ACCESSORIES

— SPIT offers a full range of chemical resin accessories and cleaning accessories.



### PERFORATED SLEEVES FOR HOLLOW BASE MATERIALS AND OVERHEAD APPLICATIONS IN SOLID MATERIALS



| Description                     | To Suit Stud Ø | Box Qty |        |
|---------------------------------|----------------|---------|--------|
| Perforated Sleeve Ø 12.5mm x 1m | M8 - M10       | 1       | 063400 |
| Perforated Sleeve Ø 15mm x 1m   | M12            | 1       | 063410 |
| Perforated Sleeve Ø 20.5mm x 1m | M16            | 1       | 063420 |
| Perforated Sleeve Ø 26mm x 1m   | M20            | 1       | 063430 |

### PLASTIC SLEEVES FOR HOLLOW BASE MATERIALS AND OVERHEAD APPLICATIONS IN SOLID MATERIALS



| Description                   | To Suit Stud Ø | Box Qty | Code   |
|-------------------------------|----------------|---------|--------|
| Plastic Sleeve Ø 12mm x 45mm  | M6 - M8        | 10      | 565012 |
| Plastic Sleeve Ø 15mm x 85mm  | M8 - M10       | 10      | 557070 |
| Plastic Sleeve Ø 15mm x 130mm | M8 - M10       | 10      | 557080 |
| Plastic Sleeve Ø 20mm x 85mm  | M10 - M12      | 10      | 557090 |

### DOSING PLUG AND NOZZLE EXTENSIONS FOR USE WITH EPCON C8 XTREME, EPOMAX, EPOBAR AND C-MIX PLUS



| Description                           | For Use With                                                      | For Rebar Ø mm | Box Qty | Code   |
|---------------------------------------|-------------------------------------------------------------------|----------------|---------|--------|
| Dosing Plug                           | Nozzle Extensions 050971, 063300, 050898                          | 8 - 32+        | 5       | 050969 |
| Flexible Nozzle Extension Ø 13mm x 1m | 050882 Epomax / Epobar / C Mix Plus Nozzle 050069 Epcon C8 Nozzle | 8 - 32+        | 10      | 050971 |
| Rigid Nozzle Extension Ø 9mm x 1m     | 050882 Epomax / Epobar / C Mix Plus Nozzle 050069 Epcon C8 Nozzle | 8 - 32+        | 10      | 063300 |

### WIRE BRUSHES FOR HOLE CLEANING



| Description                                              | Box Qty | Code   |
|----------------------------------------------------------|---------|--------|
| Wire Brush Head Ø 11mm x 120mm (requires 'T' Handle)     | 1       | 052971 |
| Wire Brush Head Ø 15mm x 120mm (requires 'T' Handle)     | 1       | 052973 |
| Wire Brush Head Ø 20mm x 120mm (requires 'T' Handle)     | 1       | 052974 |
| Wire Brush Head Ø 22mm x 120mm (requires 'T' Handle)     | 1       | 052975 |
| Wire Brush Head Ø 26mm x 120mm (requires 'T' Handle)     | 1       | 052976 |
| Wire Brush 'T' Handle (for use with all wire brushes)    | 1       | 051009 |
| Wire Brush Extension Rod (for use with all wire brushes) | 1       | 051010 |

### BLOW OUT TOOL FOR HOLE CLEANING



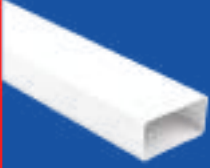
| Description                 | Box Qty | Code   |
|-----------------------------|---------|--------|
| Hand Operated Blow Out Tool | 1       | 065990 |

### CLEANING KIT - COMPLETE WITH BLOW OUT TOOL AND WIRE BRUSHES FOR HOLE CLEANING



| Description                      | Box Qty | Code   |
|----------------------------------|---------|--------|
| Manual Cleaning Kit and Tool Box | 1       | 055832 |

## 110X54MM

|  | Product Code | Product Description            |
|-----------------------------------------------------------------------------------|--------------|--------------------------------|
|                                                                                   | 7DUVKC249    | 1m Flat Channel (110 x 54mm)   |
|                                                                                   | 7DUVKC240    | 1.5m Flat Channel (110 x 54mm) |
|                                                                                   | 7DUVKC297    | 2m Flat Channel (110 x 54mm)   |

|  | Product Code | Product Description                          |
|-----------------------------------------------------------------------------------|--------------|----------------------------------------------|
|                                                                                   | 7DUVKC235    | Flat Channel Straight Connector (110 x 54mm) |

|  | Product Code | Product Description            |
|-----------------------------------------------------------------------------------|--------------|--------------------------------|
|                                                                                   | 7DUVKC230    | Flat Channel Clip (110 x 54mm) |

|  | Product Code | Product Description        |
|------------------------------------------------------------------------------------|--------------|----------------------------|
|                                                                                    | 7DUVKC228    | Equal T Piece (110 x 54mm) |

|  | Product Code | Product Description              |
|-------------------------------------------------------------------------------------|--------------|----------------------------------|
|                                                                                     | 7DUVKC238    | Horizontal 90° Bend (110 x 54mm) |

|  | Product Code | Product Description            |
|-------------------------------------------------------------------------------------|--------------|--------------------------------|
|                                                                                     | 7DUVKC239    | Vertical 90° Bend (110 x 54mm) |

|  | Product Code | Product Description              |
|-------------------------------------------------------------------------------------|--------------|----------------------------------|
|                                                                                     | 7DUVKC227    | Horizontal 45° Bend (110 x 54mm) |

|  | Product Code | Product Description            |
|-------------------------------------------------------------------------------------|--------------|--------------------------------|
|                                                                                     | 7DUVKC226    | Vertical 45° Bend (110 x 54mm) |

|  | Product Code | Product Description        |
|-------------------------------------------------------------------------------------|--------------|----------------------------|
|                                                                                     | 7DUVKC229    | Flexible Bend (110 x 54mm) |

|  | Product Code | Product Description                           |
|-------------------------------------------------------------------------------------|--------------|-----------------------------------------------|
|                                                                                     | 7DUVKC237    | Male 90° Elbow Bend (110 x 54mm to 100mm Ø)   |
|  | Product Code | Product Description                           |
|                                                                                     | 7DUVKC236    | Female 90° Elbow Bend (110 x 54mm to 100mm Ø) |

|  | Product Code | Product Description                                                  |
|-------------------------------------------------------------------------------------|--------------|----------------------------------------------------------------------|
|                                                                                     | 7DUVKC253F   | Offset Straight Round to Rectangular Adapter (110 x 54mm to 100mm Ø) |

|  | Product Code | Product Description                                               |
|------------------------------------------------------------------------------------|--------------|-------------------------------------------------------------------|
|                                                                                    | 7DUVKC207    | Short Male Round to Rectangular Adapter (110 x 54mm to 100mm Ø)   |
|  | Product Code | Product Description                                               |
|                                                                                    | 7DUVKC241    | Short Female Round to Rectangular Adapter (110 x 54mm to 100mm Ø) |

|  | Product Code | Product Description                 |
|------------------------------------------------------------------------------------|--------------|-------------------------------------|
|                                                                                    | 7DUVKC206    | Rectangular Wall Plate (110 x 54mm) |

|  | Product Code | Product Description                         |
|------------------------------------------------------------------------------------|--------------|---------------------------------------------|
|                                                                                    | 7DUVKC247    | Airbrick Adapter (209 x 64mm to 110 x 54mm) |

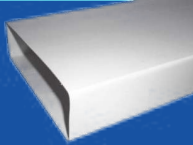
|   | Product Code | Product Description                        |
|--------------------------------------------------------------------------------------|--------------|--------------------------------------------|
|                                                                                      | 7DUVKC704    | Airbrick Grille (210 x 65mm)               |
|  | Product Code | Product Description                        |
|                                                                                      | 7DUVKC714    | Airbrick Grille with Surround (230 x 85mm) |

|  | Product Code | Product Description                                              |
|-------------------------------------------------------------------------------------|--------------|------------------------------------------------------------------|
|                                                                                     | 7DUVKC233    | Rectangular Louvred Grille (110 x 54mm)<br>Add F/S for Flyscreen |

|  | Product Code | Product Description                     |
|-------------------------------------------------------------------------------------|--------------|-----------------------------------------|
|                                                                                     | 7DUVKC231    | Rectangular Gravity Outlet (110 x 54mm) |

|  | Product Code | Product Description                                |
|--------------------------------------------------------------------------------------|--------------|----------------------------------------------------|
|                                                                                      | 7DUVKC232    | Rectangular Cowl with Non-Return Flap (110 x 54mm) |

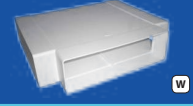
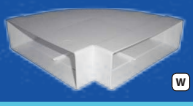
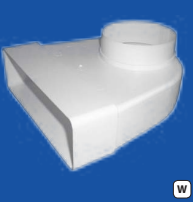
## 204X60MM

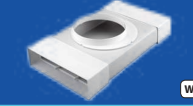
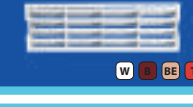
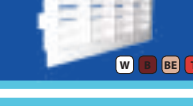
|  | Product Code | Product Description            |
|--------------------------------------------------------------------------------------|--------------|--------------------------------|
|                                                                                      | 7DUVKC5604   | 1m Flat Channel (204 x 60mm)   |
|                                                                                      | 7DUVKC5628   | 1.5m Flat Channel (204 x 60mm) |
|  | Product Code | Product Description            |
|                                                                                      | 7DUVKC5629   | 2m Flat Channel (204 x 60mm)   |

|  | Product Code | Product Description                          |
|--------------------------------------------------------------------------------------|--------------|----------------------------------------------|
|                                                                                      | 7DUVKC5608   | Flat Channel Straight Connector (204 x 60mm) |

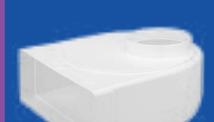
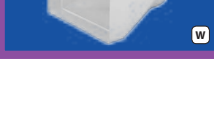
|  | Product Code | Product Description            |
|--------------------------------------------------------------------------------------|--------------|--------------------------------|
|                                                                                      | 7DUVKC5610   | Flat Channel Clip (204 x 60mm) |

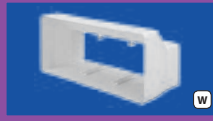
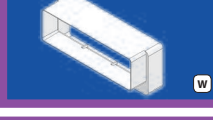
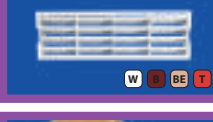
## 204X60MM

|                                                                                     |                                   |                                                                                                             |
|-------------------------------------------------------------------------------------|-----------------------------------|-------------------------------------------------------------------------------------------------------------|
|    | <b>Product Code</b><br>7DUVKC5630 | <b>Product Description</b><br><b>Horizontal T Piece</b><br>(204 x 60mm)                                     |
|    | <b>Product Code</b><br>7DUVKC5605 | <b>Product Description</b><br><b>Horizontal 90° Bend</b><br>(204 x 60mm)                                    |
|    | <b>Product Code</b><br>7DUVKC5612 | <b>Product Description</b><br><b>Vertical 90° Bend</b><br>(204 x 60mm)                                      |
|    | <b>Product Code</b><br>7DUVKC5616 | <b>Product Description</b><br><b>Horizontal 45° Bend</b><br>(204 x 60mm)                                    |
|   | <b>Product Code</b><br>7DUVKC5617 | <b>Product Description</b><br><b>Vertical 45° Bend</b><br>(204 x 60mm)                                      |
|  | <b>Product Code</b><br>7DUVKC5627 | <b>Product Description</b><br><b>Flexible Bend</b><br>(204 x 60mm)                                          |
|  | <b>Product Code</b><br>7DUVKC5644 | <b>Product Description</b><br><b>Elbow Bend with 100mm Fixed Spigot</b> (204 x 60mm)                        |
|                                                                                     | <b>Product Code</b><br>7DUVKC5645 | <b>Product Description</b><br><b>Elbow Bend with 125mm Fixed Spigot</b> (204 x 60mm)                        |
|                                                                                     | <b>Product Code</b><br>7DUVKC5646 | <b>Product Description</b><br><b>Elbow Bend with 150mm Fixed Spigot</b> (204 x 60mm)                        |
|  | <b>Product Code</b><br>7DUVKC5625 | <b>Product Description</b><br><b>Elbow Bend with 100mm Rotating Spigot</b> (204 x 60mm)                     |
|                                                                                     | <b>Product Code</b><br>7DUVKC5606 | <b>Product Description</b><br><b>Elbow Bend with 125mm Rotating Spigot</b> (204 x 60mm)                     |
|                                                                                     | <b>Product Code</b><br>7DUVKC5626 | <b>Product Description</b><br><b>Elbow Bend with 150mm Rotating Spigot</b> (204 x 60mm)                     |
|  | <b>Product Code</b><br>7DUVKC5613 | <b>Product Description</b><br><b>Straight Round to Rectangular Adapter 125mm</b><br>(204 x 60mm to 125mm Ø) |
|                                                                                     | <b>Product Code</b><br>7DUVKC5615 | <b>Product Description</b><br><b>Straight Round to Rectangular Adapter 100mm</b><br>(204 x 60mm to 100mm Ø) |
|  | <b>Product Code</b><br>7DUVKC5643 | <b>Product Description</b><br><b>Adapter to System 220</b><br>(204 x 60 to 220 x 90)<br>(204 x 60mm)        |

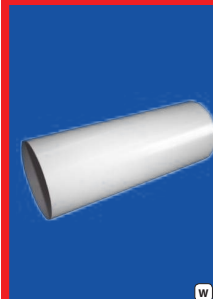
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|    | <b>Product Code</b><br>7DUVKC5637  | <b>Product Description</b><br><b>T Piece with 125mm Rotating Spigot</b><br>(204 x 60mm to 125mm Ø) |
|    | <b>Product Code</b><br>7DUVKC5601  | <b>Product Description</b><br><b>Rectangular Wall Plate</b><br>(204 x 60mm)                        |
|    | <b>Product Code</b><br>7DUVKC5631  | <b>Product Description</b><br><b>Single Airbrick</b><br>(204 x 60mm)                               |
|    | <b>Product Code</b><br>7DUVKC5635  | <b>Product Description</b><br><b>Airbrick with fitted Grille and Surround</b> (204 x 60mm)         |
|   | <b>Product Code</b><br>7DUVKC5633  | <b>Product Description</b><br><b>Double Airbrick Adapter</b><br>(204 x 60mm)                       |
|  | <b>Product Code</b><br>7DUVKC5633G | <b>Product Description</b><br><b>Double Airbrick Adapter</b><br>(204 x 60mm with Grilles fitted)   |
|  | <b>Product Code</b><br>7DUVKC704   | <b>Product Description</b><br><b>Airbrick Grille</b>                                               |
|  | <b>Product Code</b><br>7DUVKC714   | <b>Product Description</b><br><b>Airbrick Grille with Surround</b>                                 |
|  | <b>Product Code</b><br>7DUVKC5660  | <b>Product Description</b><br><b>500mm Ducting Silencer</b><br>(204 x 60mm)                        |
|                                                                                      | <b>Product Code</b><br>7DUVKC5661  | <b>Product Description</b><br><b>1m Ducting Silencer</b><br>(204 x 60mm)                           |
|                                                                                      | <b>Product Code</b><br>7DUVKC5662  | <b>Product Description</b><br><b>1.5m Ducting Silencer</b><br>(204 x 60mm)                         |
|  | <b>Product Code</b><br>7DUVKC5663  | <b>Product Description</b><br><b>500mm Hi-Flow Ducting Silencer</b> (204 x 60mm)                   |
|                                                                                      | <b>Product Code</b><br>7DUVKC5664  | <b>Product Description</b><br><b>1m Hi-Flow Ducting Silencer</b> (204 x 60mm)                      |
|                                                                                      | <b>Product Code</b><br>7DUVKC5665  | <b>Product Description</b><br><b>1.5m Hi-Flow Ducting Silencer</b> (204 x 60mm)                    |

## 220X90MM

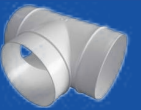
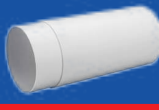
|                                                                                     |              |                                                            |
|-------------------------------------------------------------------------------------|--------------|------------------------------------------------------------|
|    | Product Code | Product Description                                        |
|                                                                                     | 7DUVKC5704   | 1m Flat Channel (220 x 90mm)                               |
|                                                                                     | 7DUVKC5728   | 1.5m Flat Channel (220 x 90mm)                             |
|    | Product Code | Product Description                                        |
|                                                                                     | 7DUVKC5729   | 2m Flat Channel (220 x 90mm)                               |
|    | Product Code | Product Description                                        |
|                                                                                     | 7DUVKC5708   | Flat Channel Straight Connector (220 x 90mm)               |
|  | Product Code | Product Description                                        |
|                                                                                     | 7DUVKC5730   | Horizontal T Piece (220 x 90mm)                            |
|  | Product Code | Product Description                                        |
|                                                                                     | 7DUVKC5727   | Flexible Bend (220 x 90mm)                                 |
|  | Product Code | Product Description                                        |
|                                                                                     | 7DUVKC5705   | Horizontal 90° Bend (220 x 90mm)                           |
|  | Product Code | Product Description                                        |
|                                                                                     | 7DUVKC5712   | Vertical 90° Bend (220 x 90mm)                             |
|  | Product Code | Product Description                                        |
|                                                                                     | 7DUVKC5716   | Horizontal 45° Bend (220 x 90mm)                           |
|  | Product Code | Product Description                                        |
|                                                                                     | 7DUVKC5717   | Vertical 45° Bend (220 x 90mm)                             |
|  | Product Code | Product Description                                        |
|                                                                                     | 7DUVKC5725   | Elbow Bend with 100mm Fixed Spigot (220 x 90mm)            |
|  | Product Code | Product Description                                        |
|                                                                                     | 7DUVKC5706   | Elbow Bend with 125mm Fixed Spigot (220 x 90mm)            |
|  | Product Code | Product Description                                        |
|                                                                                     | 7DUVKC5726   | Elbow Bend with 150mm Fixed Spigot (220 x 90mm)            |
|  | Product Code | Product Description                                        |
|                                                                                     | 7DUVKC5713   | Round 150mm to Rectangular Adapter (220 x 90mm to 150mm Ø) |

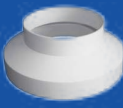
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|--------------------------------------------------------------------------------------|--------------|--------------------------------------------------------------------------|
|    | Product Code | Product Description                                                      |
|                                                                                      | 7DUVKC5643   | Adapter to System 204 (204 x 60 to 220 x 90) (220 x 90mm)                |
|                                                                                      |              |                                                                          |
|    | Product Code | Product Description                                                      |
|                                                                                      | 7DUVKC5733   | Airbrick Adapter (220 x 90mm)                                            |
|                                                                                      |              |                                                                          |
|    | Product Code | Product Description                                                      |
|                                                                                      | 7DUVKC5733G  | Airbrick Adapter with fitted Grilles (220 x 90mm)                        |
|                                                                                      |              |                                                                          |
|   | Product Code | Product Description                                                      |
|                                                                                      | 7DUVKC5756   | System 220 Airbrick Reducer Reduces System 220 Entry to System 204 Entry |
|                                                                                      |              |                                                                          |
|  | Product Code | Product Description                                                      |
|                                                                                      | 7DUVKC704    | Airbrick Grille                                                          |
|                                                                                      |              |                                                                          |
|  | Product Code | Product Description                                                      |
|                                                                                      | 7DUBANDPB    | 12mm x 10m Black PVC Coated Galv Banding                                 |
|                                                                                      |              |                                                                          |
|  | Product Code | Product Description                                                      |
|                                                                                      | 7DUBANDGALV  | 12mm x 10m Galvanised Banding                                            |
|                                                                                      |              |                                                                          |
|  | Product Code | Product Description                                                      |
|                                                                                      | 7DUVKC5760   | 500mm Ducting Silencer (220 x 90mm)                                      |
|                                                                                      |              |                                                                          |
|  | Product Code | Product Description                                                      |
|                                                                                      | 7DUVKC5761   | 1m Ducting Silencer (220 x 90mm)                                         |
|                                                                                      |              |                                                                          |
|  | Product Code | Product Description                                                      |
|                                                                                      | 7DUVKC5762   | 1.5m Ducting Silencer (220 x 90mm)                                       |
|                                                                                      |              |                                                                          |

## 100MM

|                                                                                      |              |                                |
|--------------------------------------------------------------------------------------|--------------|--------------------------------|
|  | Product Code | Product Description            |
|                                                                                      | 7DUVKC242    | Round Pipe 350mm (100mm Ø)     |
|                                                                                      | 7DUVKC250    | Round Pipe 1 Metre (100mm Ø)   |
|                                                                                      | 7DUVKC299    | Round Pipe 1.5 Metre (100mm Ø) |
|                                                                                      | 7DUVKC2992   | Round Pipe 2 Metres (100mm Ø)  |

## 100MM

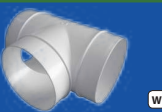
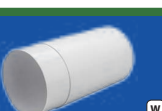
|                                                                                     |                                   |                                                                                            |
|-------------------------------------------------------------------------------------|-----------------------------------|--------------------------------------------------------------------------------------------|
|    | <b>Product Code</b><br>7DUEK0028  | <b>Product Description</b><br>Round Pipe Straight Connector (100mm Ø)                      |
|    | <b>Product Code</b><br>7DUVKC303  | <b>Product Description</b><br>Round Connector with Damper (100mm Ø)                        |
|    | <b>Product Code</b><br>7DUVKC304C | <b>Product Description</b><br>Round Pipe Fixing Clip (100mm Ø)                             |
|    | <b>Product Code</b><br>7DUVKC300  | <b>Product Description</b><br>Round Elbow 90° Bend (100mm Ø)                               |
|  | <b>Product Code</b><br>7DUVKC301  | <b>Product Description</b><br>Round Elbow 45° Bend (100mm Ø)                               |
|  | <b>Product Code</b><br>7DUVKC302  | <b>Product Description</b><br>Round Equal T Piece (100mm Ø)                                |
|  | <b>Product Code</b><br>7DUVKC3400 | <b>Product Description</b><br>Round Y Piece (100mm Ø)                                      |
|  | <b>Product Code</b><br>7DUVKC19   | <b>Product Description</b><br>Round Wall Plate (100mm Ø)                                   |
|  | <b>Product Code</b><br>7DUVKC434  | <b>Product Description</b><br>100/110mm Condensation Trap with Overflow (100mm Ø)          |
|  | <b>Product Code</b><br>7DUVKC307  | <b>Product Description</b><br>Round Telescopic Pipe 200-350mm with Reducing Ring (100mm Ø) |
|  | <b>Product Code</b><br>7DUVKC306F | <b>Product Description</b><br>Round Ceiling Vent Diffuser with Fixing Ring (100mm Ø)       |
|  | <b>Product Code</b><br>7DUVKC603  | <b>Product Description</b><br>125mm to 100mm Reducer (125mm to 100mm Ø)                    |

|                                                                                       |                                                           |                                                                                            |
|---------------------------------------------------------------------------------------|-----------------------------------------------------------|--------------------------------------------------------------------------------------------|
|     | <b>Product Code</b><br>7DUVKC437                          | <b>Product Description</b><br>150mm to 100mm Reducer (150mm to 100mm Ø)                    |
|     | <b>Product Code</b><br>7DUVKC10                           | <b>Product Description</b><br>Male Threaded Hose Connector (100mm Ø)                       |
|     | <b>Product Code</b><br>7DUVKC11                           | <b>Product Description</b><br>Female Threaded Hose Connector (100mm Ø)                     |
|    | <b>Product Code</b><br>7DUVKC256                          | <b>Product Description</b><br>Round Grille with Flyscreen (100mm Ø)                        |
|   | <b>Product Code</b><br>7DUVKC244<br>Add F/S for Flyscreen | <b>Product Description</b><br>Louvred Grille Round Spigot (100mm Ø)                        |
|  | <b>Product Code</b><br>7DUVKC243                          | <b>Product Description</b><br>Gravity Outlet Round Spigot (100mm Ø)                        |
|  | <b>Product Code</b><br>7DUVKC245                          | <b>Product Description</b><br>Cowled Outlet with Non-Return Flap Round Spigot (100mm Ø)    |
|   | <b>Product Code</b><br>7DUVKC200                          | <b>Product Description</b><br>High Rise Ventilator (100mm Ø)                               |
|  | <b>Product Code</b><br>7DUSS100                           | <b>Product Description</b><br>Stainless Steel Bull-Nose Vent with Louvres (100mm Ø)        |
|  | <b>Product Code</b><br>7DUSS101                           | <b>Product Description</b><br>Stainless Steel Bull-Nose Vent with Wire Grille (100mm Ø)    |
|  | <b>Product Code</b><br>7DUSS102                           | <b>Product Description</b><br>Stainless Steel Wall Outlet with Gravity Flaps (100mm Ø)     |
|  | <b>Product Code</b><br>7DUSS103                           | <b>Product Description</b><br>Stainless Steel Cowled Outlet with Non-Return Flap (100mm Ø) |

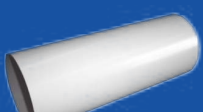
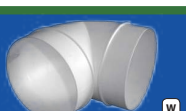
## 100MM

|                                                                                    |              |                                                               |
|------------------------------------------------------------------------------------|--------------|---------------------------------------------------------------|
|   | Product Code | Product Description                                           |
|                                                                                    | 7DUSS104     | Stainless Steel Ceiling Exhaust and Supply Valve (100mm Ø)    |
|   | Product Code | Product Description                                           |
|                                                                                    | 7DUMW104     | White Powder-Coated Metal Ceiling Air Extract Valve (100mm Ø) |
|   | Product Code | Product Description                                           |
|                                                                                    | 7DUMW105     | White Powder-Coated Metal Ceiling Air Supply Valve (100mm Ø)  |
|   | Product Code | Product Description                                           |
|                                                                                    | 7DUMW104FRE  | Fire Rated Extract Valve (100mm Ø)                            |
|  | Product Code | Product Description                                           |
|                                                                                    | 7DUMW105FRS  | Fire Rated Supply Valve (100mm Ø)                             |

## 125MM

|                                                                                      |              |                                                              |
|--------------------------------------------------------------------------------------|--------------|--------------------------------------------------------------|
|    | Product Code | Product Description                                          |
|                                                                                      | 7DUVKC351    | Round Elbow 45° Bend Connector (125mm Ø)                     |
|    | Product Code | Product Description                                          |
|                                                                                      | 7DUVKC352    | Round Equal T Piece (125mm Ø)                                |
|    | Product Code | Product Description                                          |
|                                                                                      | 7DUVKC3500   | Round Y Piece (125mm Ø)                                      |
|    | Product Code | Product Description                                          |
|                                                                                      | 7DUVKC618    | Round Wall Plate (125mm Ø)                                   |
|   | Product Code | Product Description                                          |
|                                                                                      | 7DUVKC445    | Condensation Trap with Overflow (125mm Ø)                    |
|  | Product Code | Product Description                                          |
|                                                                                      | 7DUVKC357    | Round Telescopic Pipe 200-350mm with Reducing Ring (125mm Ø) |
|  | Product Code | Product Description                                          |
|                                                                                      | 7DUVKC356F   | Round Ceiling Vent Diffuser with Fixing Ring (125mm Ø)       |
|  | Product Code | Product Description                                          |
|                                                                                      | 7DUVKC621    | Offset Reducer (125mm Ø)                                     |
|  | Product Code | Product Description                                          |
|                                                                                      | 7DUVKC603    | 125mm to 100mm Reducer (125 to 100mm Ø)                      |
|  | Product Code | Product Description                                          |
|                                                                                      | 7DUVKC619    | 150mm to 125mm Reducer (150 to 125mm Ø)                      |
|  | Product Code | Product Description                                          |
|                                                                                      | 7DUVKC271    | Threaded Hose Connector (125mm Ø)                            |
|  | Product Code | Product Description                                          |
|                                                                                      | 7DUVKC617    | Round Grille with Flyscreen (125mm Ø)                        |

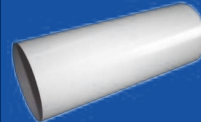
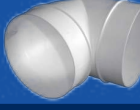
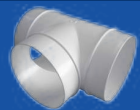
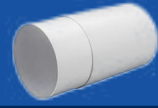
## 125MM

|                                                                                     |              |                                         |
|-------------------------------------------------------------------------------------|--------------|-----------------------------------------|
|  | Product Code | Product Description                     |
|                                                                                     | 7DUVKC266    | Round Pipe 350mm (125mm Ø)              |
|                                                                                     | 7DUVKC267    | Round Pipe 1 Metre (125mm Ø)            |
|                                                                                     | 7DUVKC269    | Round Pipe 1.5 Metre (125mm Ø)          |
|  | 7DUVKC2692   | Round Pipe 2 Metres (125mm Ø)           |
|                                                                                     |              |                                         |
|  | Product Code | Product Description                     |
|                                                                                     | 7DUVKC355    | Round Pipe Straight Connector (125mm Ø) |
|  | Product Code | Product Description                     |
|                                                                                     | 7DUVKC353    | Round Connector with Damper (125mm Ø)   |
|  | Product Code | Product Description                     |
|                                                                                     | 7DUVKC354C   | Round Pipe Fixing Clip (125mm Ø)        |
|  | Product Code | Product Description                     |
|                                                                                     | 7DUVKC350    | Round Elbow 90° Bend (125mm Ø)          |

## 125MM

|                                                                                     |                                                              |                                                                                                   |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------|---------------------------------------------------------------------------------------------------|
|    | <b>Product Code</b><br>7DUVKC268<br>Add F/S for<br>Flyscreen | <b>Product Description</b><br>Louvre Grille Round<br>Spigot (125mm Ø)                             |
|    | <b>Product Code</b><br>7DUVKC270                             | <b>Product Description</b><br>Gravity Outlet Round<br>Spigot (125mm Ø)                            |
|    | <b>Product Code</b><br>7DUVKC289                             | <b>Product Description</b><br>Cowled Outlet with Non-Return<br>Flap Round Spigot (125mm Ø)        |
|    | <b>Product Code</b><br>7DUSS120                              | <b>Product Description</b><br>Stainless Steel Bull-Nose<br>Vent with Louvres (125mm Ø)            |
|   | <b>Product Code</b><br>7DUSS121                              | <b>Product Description</b><br>Stainless Steel Bull-Nose<br>Vent with Wire Grille<br>(125mm Ø)     |
|  | <b>Product Code</b><br>7DUSS122                              | <b>Product Description</b><br>Stainless Steel Wall Outlet<br>with Gravity Flaps (125mm Ø)         |
|  | <b>Product Code</b><br>7DUSS123                              | <b>Product Description</b><br>Stainless Steel Cowled<br>Outlet with Non-Return<br>Flap (125mm Ø)  |
|  | <b>Product Code</b><br>7DUSS124                              | <b>Product Description</b><br>Stainless Steel Ceiling<br>Exhaust and Supply Valve<br>(125mm Ø)    |
|  | <b>Product Code</b><br>7DUMW124                              | <b>Product Description</b><br>White Powder-Coated Metal<br>Ceiling Air Extract Valve<br>(125mm Ø) |
|  | <b>Product Code</b><br>7DUMW125                              | <b>Product Description</b><br>White Powder-Coated Metal<br>Ceiling Air Supply Valve<br>(125mm Ø)  |
|  | <b>Product Code</b><br>7DUMW124FRE                           | <b>Product Description</b><br>Fire Rated Extract Valve<br>(125mm Ø)                               |
|  | <b>Product Code</b><br>7DUMW125FRS                           | <b>Product Description</b><br>Fire Rated Supply Valve<br>(125mm Ø)                                |

## 150MM

|                                                                                      |                                   |                                                                                                  |
|--------------------------------------------------------------------------------------|-----------------------------------|--------------------------------------------------------------------------------------------------|
|    | <b>Product Code</b><br>7DUVKC660  | <b>Product Description</b><br>Round Pipe 350mm<br>(150mm Ø)                                      |
|    | <b>Product Code</b><br>7DUVKC670  | <b>Product Description</b><br>Round Pipe 1 Metre<br>(150mm Ø)                                    |
|    | <b>Product Code</b><br>7DUVKC671  | <b>Product Description</b><br>Round Pipe 1.5 Metre<br>(150mm Ø)                                  |
|   | <b>Product Code</b><br>7DUVKC673  | <b>Product Description</b><br>Round Pipe 2 Metres<br>(150mm Ø)                                   |
|    | <b>Product Code</b><br>7DUVKC365  | <b>Product Description</b><br>Round Pipe Straight<br>Connector (150mm Ø)                         |
|   | <b>Product Code</b><br>7DUVKC363  | <b>Product Description</b><br>Round Connector with<br>Damper (150mm Ø)                           |
|  | <b>Product Code</b><br>7DUVKC442C | <b>Product Description</b><br>Round Pipe Fixing Clip<br>(150mm Ø)                                |
|  | <b>Product Code</b><br>7DUVKC360  | <b>Product Description</b><br>Round Elbow 90° Bend<br>(150mm Ø)                                  |
|  | <b>Product Code</b><br>7DUVKC361  | <b>Product Description</b><br>Round Elbow 45° Bend<br>Connector (150mm Ø)                        |
|  | <b>Product Code</b><br>7DUVKC362  | <b>Product Description</b><br>Round Equal T Piece<br>(150mm Ø)                                   |
|  | <b>Product Code</b><br>7DUVKC3600 | <b>Product Description</b><br>Round Y Piece<br>(150mm Ø)                                         |
|  | <b>Product Code</b><br>7DUVKC661  | <b>Product Description</b><br>Round Wall Plate<br>(150mm Ø)                                      |
|  | <b>Product Code</b><br>7DUVKC367  | <b>Product Description</b><br>Round Telescopic Pipe<br>200-350mm with Reducing<br>Ring (150mm Ø) |

## 150MM

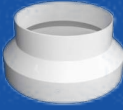
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|-------------------------------------------------------------------------------------|----------------------------------------------------|----------------------------------------------------------------------------------|
|    | Product Code<br>7DUVKC366F                         | Product Description<br>Round Ceiling Vent Diffuser with Fixing Ring (150mm Ø)    |
|    | Product Code<br>7DUVKC437                          | Product Description<br>150mm to 100mm Reducer (150 to 100mm Ø)                   |
|    | Product Code<br>7DUVKC619                          | Product Description<br>150mm to 125mm Reducer (150 to 125mm Ø)                   |
|    | Product Code<br>7DUVKC678                          | Product Description<br>180mm to 150mm Metal Reducer (180 to 150mm Ø)             |
|   | Product Code<br>7DUVKC436                          | Product Description<br>200mm to 150mm Reducer (200 to 150mm Ø)                   |
|  | Product Code<br>7DUVKC659                          | Product Description<br>Threaded Hose Connector (150mm Ø)                         |
|  | Product Code<br>7DUVKC275<br>Add F/S for Flyscreen | Product Description<br>Louvred Grille Round Spigot (150mm Ø)                     |
|  | Product Code<br>7DUVKC292                          | Product Description<br>Gravity Outlet Round Spigot (150mm Ø)                     |
|  | Product Code<br>7DUVKC280                          | Product Description<br>Cowled Outlet with Non-Return Flap Round Spigot (150mm Ø) |
|  | Product Code<br>7DUSS150                           | Product Description<br>Stainless Steel Bull-Nose Vent with Louvres (150mm Ø)     |
|  | Product Code<br>7DUSS151                           | Product Description<br>Stainless Steel Bull-Nose Vent with Wire Grille (150mm Ø) |
|  | Product Code<br>7DUSS152                           | Product Description<br>Stainless Steel Wall Outlet with Gravity Flaps (150mm Ø)  |

|                                                                                      |                             |                                                                                      |
|--------------------------------------------------------------------------------------|-----------------------------|--------------------------------------------------------------------------------------|
|    | Product Code<br>7DUSS153    | Product Description<br>Stainless Steel Cowled Outlet with Non-Return Flap (150mm Ø)  |
|    | Product Code<br>7DUSS154    | Product Description<br>Stainless Steel Ceiling Exhaust and Supply Valve (150mm Ø)    |
|    | Product Code<br>7DUMW154    | Product Description<br>White Powder-Coated Metal Ceiling Air Extract Valve (150mm Ø) |
|    | Product Code<br>7DUMW155    | Product Description<br>White Powder-Coated Metal Ceiling Air Supply Valve (150mm Ø)  |
|   | Product Code<br>7DUMW154FRE | Product Description<br>Fire Rated Extract Valve (150mm Ø)                            |
|  | Product Code<br>7DUMW155FRS | Product Description<br>Fire Rated Supply Valve (150mm Ø)                             |

## SELF-SEAL COUPLINGS

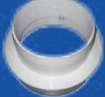
|                                                                                      |                              |                                                                            |
|--------------------------------------------------------------------------------------|------------------------------|----------------------------------------------------------------------------|
|  | Product Code<br>7DUVSSC125PF | Product Description<br>Verplas Self-Seal Coupling 125mm Pipe to Fitting    |
|  | Product Code<br>7DUVSSC125PP | Product Description<br>Verplas Self-Seal Coupling 125mm Pipe to Pipe       |
|  | Product Code<br>7DUVSSC204DF | Product Description<br>Verplas Self-Seal Coupling 204x60mm Duct to Fitting |
|  | Product Code<br>7DUVSSC204DD | Product Description<br>Verplas Self-Seal Coupling 204x60mm Duct to Duct    |
|  | Product Code<br>7DUVSSC220DF | Product Description<br>Verplas Self-Seal Coupling 220x90mm Duct to Fitting |
|  | Product Code<br>7DUVSSC220DD | Product Description<br>Verplas Self-Seal Coupling 220x90mm Duct to Duct    |

## ACCESSORIES

|  | Product Code | Product Description                                  |
|-----------------------------------------------------------------------------------|--------------|------------------------------------------------------|
|                                                                                   | 7DUVKC437    | 150mm - 100mm Round Reducer (150 to 100mm Ø)         |
|                                                                                   | 7DUVKC603    | 125mm - 100mm Round Reducer (125 to 100mm Ø)         |
|                                                                                   | 7DUVKC619    | 150mm - 125mm Round Reducer (150 to 125mm Ø)         |
|                                                                                   | 7DUVKC678    | 180mm - 150mm Round Reducer (Metal) (180 to 150mm Ø) |
|                                                                                   | 7DUVKC436    | 200mm - 150mm Round Reducer (200 to 150mm Ø)         |

|  | Product Code | Product Description                                                               |
|-----------------------------------------------------------------------------------|--------------|-----------------------------------------------------------------------------------|
|                                                                                   | 7DUVKC621    | 100mm - 110mm Round Reducer (Can be used with VKC606 to reduce to a 100mm socket) |

|  | Product Code | Product Description                          |
|-------------------------------------------------------------------------------------|--------------|----------------------------------------------|
|                                                                                     | 7DUVKC10     | Sys100: Male Threaded Round Hose Connector   |
|                                                                                     | 7DUVKC11     | Sys100: Female Threaded Round Hose Connector |
|                                                                                     | 7DUVKC271    | Sys125: Threaded Round Hose Connector        |
|  | 7DUVKC659    | Sys150: Threaded Round Hose Connector        |

|  | Product Code | Product Description                  |
|-------------------------------------------------------------------------------------|--------------|--------------------------------------|
|                                                                                     | 7DUEK0082    | Hose End - 100mm to 80mm (Fits EK83) |

|  | Product Code | Product Description               |
|-------------------------------------------------------------------------------------|--------------|-----------------------------------|
|                                                                                     | 7DUVKC273    | Sealing Tape 50mm x 33m           |
|                                                                                     | 7DUEK152     | Sealing Tape 50mm x 4.6m          |
|                                                                                     | 7DUEK151     | Sealing Tape 19mm x 4.6m          |
|  | 7DUVKC274    | Aluminium Sealing Tape 50mm x 45m |

|  | Product Code | Product Description     |
|-------------------------------------------------------------------------------------|--------------|-------------------------|
|                                                                                     | 7DUVKC304C   | Sys100: Round Pipe Clip |
|                                                                                     | 7DUVKC354C   | Sys125: Round Pipe Clip |
|  | 7DUVKC442C   | Sys150: Round Pipe Clip |

|  | Product Code | Product Description    |
|------------------------------------------------------------------------------------|--------------|------------------------|
|                                                                                    | 7DUVKC261    | Hose Clip 70-90/9mm    |
|                                                                                    | 7DUVKC264    | Hose Clip 90-110/9mm   |
|                                                                                    | 7DUVKC611    | Hose Clip 120-140/9mm  |
|                                                                                    | 7DUVKC674    | Hose Clip 140-160/9mm  |
|                                                                                    | 7DUVKC440    | Hose Clip 200-230/12mm |
|                                                                                    | 7DUVKC262    | Hose Clip 55-170mm     |
|                                                                                    | 7DUVKC448    | Hose Clip 60-325mm     |

|  | Product Code | Product Description |
|------------------------------------------------------------------------------------|--------------|---------------------|
|                                                                                    | 7DUINT01     | Intumescent Sealant |

|  | Product Code | Product Description |
|--------------------------------------------------------------------------------------|--------------|---------------------|
|                                                                                      | 7DUINT02     | Acrylic Sealant     |

|  | Product Code | Product Description                      |
|--------------------------------------------------------------------------------------|--------------|------------------------------------------|
|                                                                                      | 7DUBANDPB    | 12mm x 10m Black PVC Coated Galv Banding |

|  | Product Code | Product Description           |
|--------------------------------------------------------------------------------------|--------------|-------------------------------|
|                                                                                      | 7DUBANDGALV  | 12mm x 10m Galvanised Banding |

## SELF-SEAL THERMAL DUCTING

### 125MM

|  | Product Code  | Product Description          |
|-----------------------------------------------------------------------------------|---------------|------------------------------|
|                                                                                   | 7DUSST-125-1M | Sys125: Self-Seal Thermal 1M |
|                                                                                   | 7DUSST-125-2M | Sys125: Self-Seal Thermal 2M |

|  | Product Code   | Product Description                |
|-----------------------------------------------------------------------------------|----------------|------------------------------------|
|                                                                                   | 7DUSST-125-90B | Sys125: Self-Seal Thermal 90° Bend |

|  | Product Code   | Product Description                |
|-----------------------------------------------------------------------------------|----------------|------------------------------------|
|                                                                                   | 7DUSST-125-45B | Sys125: Self-Seal Thermal 45° Bend |

|  | Product Code  | Product Description                |
|------------------------------------------------------------------------------------|---------------|------------------------------------|
|                                                                                    | 7DUSST-125-TP | Sys125: Self-Seal Thermal T- Piece |

### 160MM

|  | Product Code  | Product Description          |
|------------------------------------------------------------------------------------|---------------|------------------------------|
|                                                                                    | 7DUSST-160-1M | Sys160: Self-Seal Thermal 1M |
|                                                                                    | 7DUSST-160-2M | Sys160: Self-Seal Thermal 2M |

|  | Product Code   | Product Description                |
|------------------------------------------------------------------------------------|----------------|------------------------------------|
|                                                                                    | 7DUSST-160-90B | Sys160: Self-Seal Thermal 90° Bend |

|  | Product Code   | Product Description                |
|-----------------------------------------------------------------------------------|----------------|------------------------------------|
|                                                                                   | 7DUSST-160-45B | Sys160: Self-Seal Thermal 45° Bend |

|  | Product Code  | Product Description                |
|-------------------------------------------------------------------------------------|---------------|------------------------------------|
|                                                                                     | 7DUSST-160-TP | Sys160: Self-Seal Thermal T- Piece |

### 204X60MM

|  | Product Code  | Product Description          |
|-------------------------------------------------------------------------------------|---------------|------------------------------|
|                                                                                     | 7DUSST-204-1M | Sys204: Self-Seal Thermal 1M |
|                                                                                     | 7DUSST-204-2M | Sys204: Self-Seal Thermal 2M |

|  | Product Code    | Product Description                           |
|-------------------------------------------------------------------------------------|-----------------|-----------------------------------------------|
|                                                                                     | 7DUSST-204-90HB | Sys204: Self-Seal Thermal Horizontal 90° Bend |

|  | Product Code    | Product Description                           |
|-------------------------------------------------------------------------------------|-----------------|-----------------------------------------------|
|                                                                                     | 7DUSST-204-45HB | Sys204: Self-Seal Thermal Horizontal 45° Bend |

|  | Product Code    | Product Description                         |
|-------------------------------------------------------------------------------------|-----------------|---------------------------------------------|
|                                                                                     | 7DUSST-204-90VB | Sys204: Self-Seal Thermal Vertical 90° Bend |

|  | Product Code    | Product Description                         |
|-------------------------------------------------------------------------------------|-----------------|---------------------------------------------|
|                                                                                     | 7DUSST-204-45VB | Sys204: Self-Seal Thermal Vertical 45° Bend |

### 220X90MM

|  | Product Code  | Product Description          |
|--------------------------------------------------------------------------------------|---------------|------------------------------|
|                                                                                      | 7DUSST-220-1M | Sys220: Self-Seal Thermal 1M |
|                                                                                      | 7DUSST-220-2M | Sys220: Self-Seal Thermal 2M |

|  | Product Code    | Product Description                           |
|--------------------------------------------------------------------------------------|-----------------|-----------------------------------------------|
|                                                                                      | 7DUSST-220-90HB | Sys220: Self-Seal Thermal Horizontal 90° Bend |

|  | Product Code    | Product Description                           |
|--------------------------------------------------------------------------------------|-----------------|-----------------------------------------------|
|                                                                                      | 7DUSST-220-45HB | Sys220: Self-Seal Thermal Horizontal 45° Bend |

|  | Product Code    | Product Description                         |
|--------------------------------------------------------------------------------------|-----------------|---------------------------------------------|
|                                                                                      | 7DUSST-220-90VB | Sys220: Self-Seal Thermal Vertical 90° Bend |

|  | Product Code    | Product Description                         |
|--------------------------------------------------------------------------------------|-----------------|---------------------------------------------|
|                                                                                      | 7DUSST-220-45VB | Sys220: Self-Seal Thermal Vertical 45° Bend |

## 204X60MM

|                                                                                   | Product Code  | Product Description                           |
|-----------------------------------------------------------------------------------|---------------|-----------------------------------------------|
|  | 7DUSST-204-TP | Sys204: Self-Seal Thermal T-Piece             |
|  | 7DUSST-204-PL | Sys204: Self-Seal Thermal Plenum 125mm Spigot |

## 220X90MM

|                                                                                    | Product Code  | Product Description                           |
|------------------------------------------------------------------------------------|---------------|-----------------------------------------------|
|  | 7DUSST-220-TP | Sys220: Self-Seal Thermal T-Piece             |
|  | 7DUSST-220-PL | Sys220: Self-Seal Thermal Plenum 125mm Spigot |

## SELF-SEAL THERMAL DUCTING COUPLINGS

### 125MM

|                                                                                     | Product Code     | Product Description                                 |
|-------------------------------------------------------------------------------------|------------------|-----------------------------------------------------|
|   | 7DUSST-125-DDCON | Sys125: Self-Seal Thermal Duct to Duct Connector    |
|  | 7DUSST-125-DFCON | Sys125: Self-Seal Thermal Duct to Fitting Connector |

### 160MM

|                                                                                      | Product Code     | Product Description                                 |
|--------------------------------------------------------------------------------------|------------------|-----------------------------------------------------|
|   | 7DUSST-160-DDCON | Sys160: Self-Seal Thermal Duct to Duct Connector    |
|  | 7DUSST-160-DFCON | Sys160: Self-Seal Thermal Duct to Fitting Connector |

## 204X60MM

|                                                                                     | Product Code     | Product Description                                 |
|-------------------------------------------------------------------------------------|------------------|-----------------------------------------------------|
|  | 7DUSST-204-DDCON | Sys204: Self-Seal Thermal Duct to Duct Connector    |
|  | 7DUSST-204-DFCON | Sys204: Self-Seal Thermal Duct to Fitting Connector |

## 220X90MM

|                                                                                      | Product Code     | Product Description                                 |
|--------------------------------------------------------------------------------------|------------------|-----------------------------------------------------|
|  | 7DUSST-220-DDCON | Sys220: Self-Seal Thermal Duct to Duct Connector    |
|  | 7DUSST-220-DFCON | Sys220: Self-Seal Thermal Duct to Fitting Connector |

\*Please note Self-Seal Thermal Ducting and Fittings includes Connectors. Please speak to our Sales Team for more information\*

**Pre-packaged in boxes of 6 for all fittings and lengths of ducting, allows installers to carry multiple components to overcome tricky design changes on site.**

## FLAT DUCTING – 110x54mm

### Domus System 100 Rigid Duct ▼



| Code    | Description                    | Qty |
|---------|--------------------------------|-----|
| DD010   | 1m Length, White               | 10  |
| 40010   | 1m Length, White (Retail Pack) | 1   |
| DD015   | 1.5m Length, White             | 10  |
| D1-2000 | 2m Length, White               | 10  |

### Domus System 100 Rigid Duct Flexible Hose ▼



| Code  | Description                      | Qty |
|-------|----------------------------------|-----|
| 3305  | 0.5m Length, White               | 1   |
| 40335 | 0.5m Length, White (Retail Pack) | 1   |
| 333   | 3m Length, White                 | 1   |

### Domus System 100 Rigid Duct Straight Connector ▼



| Code  | Description         | Qty |
|-------|---------------------|-----|
| DD020 | White               | 20  |
| 40020 | White (Retail Pack) | 1   |
| DD027 | With Damper, White  | 20  |

### Domus System 100 Rigid Duct Flexible Hose Connector ▼



| Code | Description        | Qty |
|------|--------------------|-----|
| 381  | 0.1m Length, White | 1   |

### Domus Rigid Duct Plenum Fixed Socket ▼



| Code  | Description                        | Qty |
|-------|------------------------------------|-----|
| DD030 | 110x54-Ø100mm, White               | 20  |
| 40030 | 110x54-Ø100mm, White (Retail Pack) | 1   |

### Domus Rigid Duct Plenum Fixed Spigot ▼



| Code  | Description                                           | Qty |
|-------|-------------------------------------------------------|-----|
| DD040 | 110x54-Ø100mm, Air Valve Adapter, White               | 20  |
| 40040 | 110x54-Ø100mm, Air Valve Adapter, White (Retail Pack) | 1   |

### Domus System 100 Rigid Duct 90° Horizontal Bend ▼



| Code  | Description         | Qty |
|-------|---------------------|-----|
| DD050 | White               | 20  |
| 40050 | White (Retail Pack) | 1   |

### Domus System 100 Rigid Duct 90° Vertical Bend ▼



| Code  | Description         | Qty |
|-------|---------------------|-----|
| DD060 | White               | 10  |
| 40060 | White (Retail Pack) | 1   |

### Domus Rigid Duct In-Line Adapter Round-Rectangular ▼



| Code  | Description         | Qty |
|-------|---------------------|-----|
| DD070 | White               | 20  |
| 40070 | White (Retail Pack) | 1   |

### Domus Rigid Duct In-line Adapter Space Saving ▼



| Code  | Description                        | Qty |
|-------|------------------------------------|-----|
| DD071 | 110x54-Ø100mm, White               | 20  |
| 40071 | 110x54-Ø100mm, White (Retail Pack) | 1   |

### Domus System 100 Rigid Duct 45° Vertical Bend ▼



| Code  | Description         | Qty |
|-------|---------------------|-----|
| DD075 | White               | 20  |
| 40075 | White (Retail Pack) | 1   |

### Domus Rigid Duct In-Line Adapter Rectangular- Rectangular ▼



| Code  | Description            | Qty |
|-------|------------------------|-----|
| 40077 | 204x60-110x54mm, White | 1   |

### Domus System 100 Rigid Duct Horizontal T Piece ▼



| Code  | Description         | Qty |
|-------|---------------------|-----|
| DD080 | White               | 20  |
| 40080 | White (Retail Pack) | 1   |

### Domus System 100 Rigid Duct Wall Plate ▼



| Code  | Description         | Qty |
|-------|---------------------|-----|
| 115-4 | White               | 10  |
| 40115 | White (Retail Pack) | 1   |

### Domus System 100 Rigid Duct Clip ▼



| Code  | Description         | Qty |
|-------|---------------------|-----|
| 122-4 | White               | 10  |
| 40122 | White (Retail Pack) | 1   |

### Domus System 100 Rigid Duct End Cap ▼



| Code  | Description | Qty |
|-------|-------------|-----|
| DD018 | White       | 1   |

### Domus System 100 Rigid Duct Tumble Dryer Extraction Kit Cowled Connection ▼



| Code  | Description                 | Qty |
|-------|-----------------------------|-----|
| 207W  | Ø100mm, White               | 1   |
| 40207 | Ø100mm, White (Retail Pack) | 1   |

### Domus System 100 Rigid Duct Cooker Hood Extraction Kit Cowled Connection Cowl ▼



| Code | Description   | Qty |
|------|---------------|-----|
| 212W | Ø100mm, White | 1   |
| 212B | Ø100mm, Brown | 1   |

### Domus System 100 Rigid Duct Cooker Hood Extraction Kit Cowled Connection with 90° Bend Cowl ▼



| Code | Description   | Qty |
|------|---------------|-----|
| 214B | Ø100mm, Brown | 1   |

## FLAT DUCTING – 204x60mm

### Domus Rigid Duct Plenum Fixed Spigot ▼



| Code | Description          | Qty |
|------|----------------------|-----|
| 440  | 204x60-Ø102mm, White | 10  |
| 640  | 204x60-Ø150mm, White | 10  |

### Domus Rigid Duct Plenum Offset Rotating Spigot ▼



| Code | Description          | Qty |
|------|----------------------|-----|
| 441  | 204x60-Ø100mm, White | 10  |
| 541  | 204x60-Ø125mm, White | 10  |
| 641  | 204x60-Ø150mm, White | 8   |

### Domus Supertube Rigid Duct ▼



| Code    | Description                    | Qty |
|---------|--------------------------------|-----|
| 510     | 1m Length, White               | 5   |
| 50510   | 1m Length, White (Retail Pack) | 1   |
| 515     | 1.5m Length, White             | 5   |
| D3-2000 | 2m Length, White               | 5   |

### Domus Supertube Rigid Duct End Cap ▼



| Code | Description | Qty |
|------|-------------|-----|
| 518  | White       | 1   |

### Domus Supertube Rigid Duct Straight Connector ▼



| Code  | Description         | Qty |
|-------|---------------------|-----|
| 520   | White               | 10  |
| 50520 | White (Retail Pack) | 1   |
| 527   | With Damper, White  | 8   |

### Domus Supertube Rigid Duct Clip ▼



| Code  | Description         | Qty |
|-------|---------------------|-----|
| 522   | White               | 20* |
| 50522 | White (Retail Pack) | 1*  |

### Domus Supertube Rigid Duct Hose ▼



| Code | Description        | Qty |
|------|--------------------|-----|
| 5305 | 0.5m Length, White | 1   |
| 533  | 3m Length, White   | 1   |

### Domus Rigid Duct Plenum Fixed Spigot (Air Valve Adapter) ▼



| Code | Description         | Qty |
|------|---------------------|-----|
| 540  | 204x60-Ø125mm White | 10  |

### Domus Supertube Rigid Duct Horizontal Bend with Cutting Guides Adjust up to 45° ▼



| Code | Description | Qty |
|------|-------------|-----|
| 545  | White       | 10  |

### Domus Supertube Rigid Duct 90° Horizontal Bend ▼



| Code  | Description         | Qty |
|-------|---------------------|-----|
| 550   | White               | 10  |
| 50550 | White (Retail Pack) | 1   |

### Domus Supertube Rigid Duct 45° Horizontal Bend ▼



| Code  | Description         | Qty |
|-------|---------------------|-----|
| 555   | White               | 10  |
| 50555 | White (Retail Pack) | 1   |

### Domus Supertube Rigid Duct 90° Vertical Bend ▼



| Code  | Description         | Qty |
|-------|---------------------|-----|
| 560   | White               | 10  |
| 50560 | White (Retail Pack) | 1   |

### Domus Rigid Duct In-Line Adapter Round-Rectangular ▼



| Code | Description         | Qty |
|------|---------------------|-----|
| 570  | 204x60-Ø125mm White | 10  |

### Domus Supertube Rigid Duct 45° Vertical Bend ▼



| Code  | Description         | Qty |
|-------|---------------------|-----|
| 575   | White               | 10  |
| 50575 | White (Retail Pack) | 1   |

### Domus Supertube Rigid Duct Flexible Hose Connector ▼



| Code | Description        | Qty |
|------|--------------------|-----|
| 581  | 0.1m Length, White | 1   |

### Domus Supertube Rigid Duct Horizontal T Piece ▼



| Code  | Description         | Qty |
|-------|---------------------|-----|
| 582   | White               | 6   |
| 50582 | White (Retail Pack) | 1   |

### Domus Rigid Duct In-Line Adapter Rectangular-Rectangular ▼



| Code | Description            | Qty |
|------|------------------------|-----|
| 957  | 204x60-220x90mm, White | 10  |

### Domus Rigid Duct In-Line Adapter Rectangular-Rectangular ▼



| Code | Description            | Qty |
|------|------------------------|-----|
| 958  | 204x60-220x90mm, White | 1   |

### Domus Supertube Rigid Duct Wall Plate ▼



| Code   | Description | Unit |
|--------|-------------|------|
| 115-5W | White       | 10   |
| 115-5B | Brown       | 10   |
| 115-5C | Cotswold    | 10   |
| 115-5T | Terracotta  | 10   |

### Domus Supertube Rigid Duct Cooker Hood Extraction Kit Ø125 Connection Airbrick ▼



| Code | Description         | Unit |
|------|---------------------|------|
| 227B | With Brown Airbrick | 1    |

## FLAT DUCTING – 204x60mm (continued)

### Domus Supertube Rigid Duct Cooker Hood Extraction Kit Ø125 Connection Airbrick ▼



| Code | Description         | Qty |
|------|---------------------|-----|
| 227W | With White Airbrick | 1   |

### Domus Supertube Rigid Duct 90° Horizontal Bend ▼



| Code   | Description | Qty |
|--------|-------------|-----|
| 550-GL | White       | 10  |

### Domus Supertube Rigid Duct Universal Connector ▼



| Code  | Description | Qty |
|-------|-------------|-----|
| 5B303 | Black       | 1   |

### Domus Rigid Duct In-Line Adapter Round-Rectangular ▼



| Code  | Description          | Qty |
|-------|----------------------|-----|
| DD073 | 204x60-Ø100mm, White | 5   |

### Domus Rigid Duct In-Line Adapter Rectangular-Rectangular ▼



| Code  | Description                          | Qty |
|-------|--------------------------------------|-----|
| DD077 | 204x60-110x54mm, White               | 20  |
| 40077 | 204x60-110x54mm, White (Retail Pack) | 1   |

## FLAT DUCTING – 220x90mm

### Domus Megaduct Rigid Duct ▼



| Code    | Description        | Qty |
|---------|--------------------|-----|
| 910     | 1m Length, White   | 3   |
| 915     | 1.5m Length, White | 3   |
| D4-2000 | 2m Length, White   | 3   |

### Domus Megaduct Rigid Duct Straight Connector ▼



| Code | Description        | Qty |
|------|--------------------|-----|
| 920  | White              | 6   |
| 927  | With Damper, White | 6   |

### Domus Megaduct Rigid Duct Clip ▼



| Code | Description | Qty |
|------|-------------|-----|
| 922  | White       | 10* |

### Domus Megaduct Rigid Duct Hose ▼



| Code | Description        | Qty |
|------|--------------------|-----|
| 9305 | 0.5m Length, White | 1   |
| 933  | 3m Length, White   | 1   |

### Domus Rigid Duct Plenum Offset Rotating Spigot ▼



| Code | Description          | Qty |
|------|----------------------|-----|
| 941  | 220x90-Ø100mm, White | 6   |
| 951  | 220x90-Ø125mm, White | 6   |

### Domus Megaduct Rigid Duct 90° Horizontal Bend ▼



| Code | Description | Qty |
|------|-------------|-----|
| 950  | White       | 6   |

### Domus Megaduct Rigid Duct 45° Horizontal Bend ▼



| Code | Description | Qty |
|------|-------------|-----|
| 955  | White       | 6   |

### Domus Megaduct Rigid Duct 90° Vertical Bend ▼



| Code | Description | Qty |
|------|-------------|-----|
| 960  | White       | 6   |

### Domus Rigid Duct Plenum Offset Rotating Spigot (Air Valve Adapter) ▼



| Code | Description          | Qty |
|------|----------------------|-----|
| 961  | 220x90-Ø150mm, White | 6   |

### Domus Rigid Duct In-Line Adapter Round-Rectangular ▼



| Code | Description          | Qty |
|------|----------------------|-----|
| 970  | 220x90-Ø150mm, White | 6   |

### Domus Megaduct Rigid Duct 45° Vertical Bend ▼



| Code | Description | Qty |
|------|-------------|-----|
| 975  | White       | 6   |

### Domus Rigid Duct In-Line Adapter Rectangular-Rectangular ▼



| Code | Description             | Qty |
|------|-------------------------|-----|
| 977  | 220x90-227x133mm, White | 10  |

### Domus Megaduct Rigid Duct Flexible Hose Connector ▼



| Code | Description         | Qty |
|------|---------------------|-----|
| 981  | 0.14m Length, White | 1   |

### Domus Megaduct Rigid Duct Horizontal T Piece ▼



| Code | Description | Qty |
|------|-------------|-----|
| 982  | White       | 6   |

### Domus Megaduct Rigid Duct Wall Plate ▼



| Code  | Description | Qty |
|-------|-------------|-----|
| 115-6 | White       | 10  |

## FLAT DUCTING – 220x90mm (continued)

**Domus Megaduct Rigid Duct Cooker Hood Extraction Kit Double Airbrick Ø150 Connection ▼**



| Code  | Description                     | Qty |
|-------|---------------------------------|-----|
| 2653B | 90° Bend, Brown Double Airbrick | 1   |

**Domus Megaduct Rigid Duct Cooker Hood Extraction Kit Double Airbrick Ø150 Connection ▼**



| Code  | Description                     | Unit |
|-------|---------------------------------|------|
| 2653W | 90° Bend, White Double Airbrick | 1    |

**Domus Megaduct Green Line Rigid Duct 90° Horizontal Bend ▼**



| Code   | Description | Unit |
|--------|-------------|------|
| 950-GL | White       | 6    |

## ROUND DUCTING – Ø100mm

**Domus EasiPipe Rigid Duct Flexible Hose ▼**



| Code  | Description                    | Qty |
|-------|--------------------------------|-----|
| 361   | 1m Length, White               | 1   |
| 40361 | 1m Length, White (Retail Pack) | 1   |
| 363   | 3m Length, White               | 1   |
| 40363 | 3m Length, White (Retail Pack) | 1   |
| 366   | 6m Length, White               | 1   |
| 3615  | 15m Length, White              | 1   |
| 3645  | 45m Length, White              | 1   |

**Domus EasiPipe Rigid Duct Insulated Hose ▼**



| Code | Description | Qty |
|------|-------------|-----|
| 4210 | 10m, Silver | 1   |

**Domus EasiPipe Rigid Duct Aluminium Duct ▼**



| Code   | Description         | Qty |
|--------|---------------------|-----|
| 403203 | 0.3m Length, Silver | 1   |
| 403215 | 1.5m Length, Silver | 1   |
| 403230 | 3m Length, Silver   | 1   |

**Domus EasiPipe Rigid Duct Aluminium Duct Clip ▼**



| Code  | Description                        | Qty |
|-------|------------------------------------|-----|
| 127-4 | Aluminium                          | 1   |
| 40127 | 1m Length, Aluminium (Retail Pack) | 1   |

**Domus EasiPipe Aluminium Flexible Hose ▼**



| Code  | Description          | Qty |
|-------|----------------------|-----|
| 31310 | 1m Length, Aluminium | 1   |
| 3133  | 3m Length, Aluminium | 1   |
| 3136  | 6m Length, Aluminium | 1   |

**Domus Rigid Duct In-line Adapter Round-Round ▼**



| Code  | Description                      | Qty |
|-------|----------------------------------|-----|
| 120   | Ø100-Ø110mm, White               | 10  |
| 40120 | Ø100-Ø110mm, White (Retail Pack) | 1   |
| 119   | Ø100-Ø125mm, White               | 10  |
| 40119 | Ø100-Ø125mm, White (Retail Pack) | 1   |
| 619   | Ø100-Ø150mm, White               | 10  |

**Domus EasiPipe Rigid Duct Flexible Hose Connector ▼**



| Code | Description        | Qty |
|------|--------------------|-----|
| 380  | 0.1m Length, White | 10  |

**Domus EasiPipe Rigid Duct 90° Horizontal Bend ▼**



| Code  | Description         | Qty |
|-------|---------------------|-----|
| 490   | 0.1m Length, White  | 5   |
| 40490 | White (Retail Pack) | 1   |

**Domus EasiPipe Rigid Duct 45° Horizontal Bend ▼**



| Code  | Description         | Qty |
|-------|---------------------|-----|
| 491   | White               | 10  |
| 40491 | White (Retail Pack) | 1   |

**Domus EasiPipe Rigid Duct Horizontal T Piece ▼**



| Code  | Description         | Qty |
|-------|---------------------|-----|
| 492   | White               | 4   |
| 40492 | White (Retail Pack) | 1   |

**Domus EasiPipe Rigid Duct Y Piece ▼**



| Code | Description | Qty |
|------|-------------|-----|
| 499  | White       | 1   |

**Domus EasiPipe Rigid Duct Telescopic Assembly ▼**



| Code  | Description              | Qty |
|-------|--------------------------|-----|
| 130-4 | 0.25-0.45m Length, White | 10  |

**Domus EasiPipe Rigid Duct ▼**



| Code  | Description                       | Qty |
|-------|-----------------------------------|-----|
| 135-4 | 0.35m Length, White               | 10  |
| 40135 | 0.35m Length, White (Retail Pack) | 1   |

**Domus EasiPipe Rigid Duct ▼**



| Code   | Description                       | Unit |
|--------|-----------------------------------|------|
| 135-4  | 0.35m Length, White               | 10   |
| 40135  | 0.35m Length, White (Retail Pack) | 1    |
| 1100-4 | 1m Length, White                  | 3    |
| 41100  | 1m Length, White (Retail Pack)    | 1    |
| 2100-4 | 1m Length, Sleeve, White          | 3    |
| 1200-4 | 2m Length, White                  | 3    |

**ROUND DUCTING – Ø100mm (continued)**

**Domus EasiPipe Rigid Duct Straight Connector ▼**



| Code  | Description                      | Qty |
|-------|----------------------------------|-----|
| 493   | White                            | 10  |
| 40493 | White (Retail Pack)              | 1   |
| 494   | With Damper, White               | 10  |
| 40494 | With Damper, White (Retail Pack) | 1   |

**Domus EasiPipe Rigid Duct Straight Connector & Wall Plate ▼**



| Code | Description | Qty |
|------|-------------|-----|
| 495  | White       | 10  |

**Domus EasiPipe Rigid Duct Condensation Trap with Overflow ▼**



| Code  | Description         | Qty |
|-------|---------------------|-----|
| 497   | White               | 7   |
| 40497 | White (Retail Pack) | 1   |

**Domus Rigid Duct In-Line Adapter Round-Rectangular ▼**



| Code | Description                     | Qty |
|------|---------------------------------|-----|
| 954  | 227x133-Ø100 Ø125 Ø150mm, White | 1   |

**Domus Rigid Duct In-line Adapter Space Saving ▼**



| Code | Description        | Qty |
|------|--------------------|-----|
| 544  | Ø100-Ø125mm, White | 10  |

**Domus Rigid Duct In-line Adapter Space Saving ▼**



| Code | Description                   | Qty |
|------|-------------------------------|-----|
| 644  | Ø100, Ø125mm or Ø150mm, White | 10  |

**Domus Axial Window Fitting Kit ▼**

| Code | Description | Qty |
|------|-------------|-----|
| 1W   | White       | 1   |

**Domus EasiPipe Rigid Duct Flexible Hose Connector ▼**



| Code  | Description                               | Qty |
|-------|-------------------------------------------|-----|
| 126-4 | With Threaded Socket, White               | 10  |
| 40126 | With Threaded Socket, White (Retail Pack) | 1   |
| 124-4 | With Threaded Spigot, White               | 10  |
| 40124 | With Threaded Spigot, White (Retail Pack) | 1   |

**Domus EasiPipe Rigid Duct Wall Plate ▼**



| Code  | Description         | Qty |
|-------|---------------------|-----|
| 114-4 | White               | 10  |
| 40114 | White (Retail Pack) | 1   |

**Domus EasiPipe Rigid Duct Clip ▼**



| Code  | Description         | Qty |
|-------|---------------------|-----|
| 496-4 | White               | 10  |
| 40496 | White (Retail Pack) | 1   |

**Domus EasiPipe Rigid Duct Aluminium Hose Clip ▼**



| Code   | Description             | Qty |
|--------|-------------------------|-----|
| 125-4  | Aluminium               | 1   |
| 40125  | Aluminium (Retail Pack) | 1   |
| 125-UN | Universal, Aluminium    | 1   |

**Domus EasiPipe Rigid Duct Environmental Filter Spare Part ▼**



| Code | Description | Qty       |
|------|-------------|-----------|
| 40AF | Grey        | Pack of 2 |

**Domus EasiPipe Rigid Duct Pollen Filter Spare Part ▼**



| Code  | Description | Qty       |
|-------|-------------|-----------|
| 40AFP | White       | Pack of 2 |

**Domus Axial Wall Fitting Kit ▼**



| Code | Description | Qty |
|------|-------------|-----|
| 1K   | White       | 1   |

**Domus EasiPipe Rigid Duct Hose Tumble Dryer Extraction Kit Cowl ▼**



| Code  | Description                                   | Qty |
|-------|-----------------------------------------------|-----|
| 202W  | Ø100mm Connection, White Cowl                 | 1   |
| 40202 | Cowled Ø100mm Connection, White (Retail Pack) | -   |
| 202B  | Ø100mm Connection, Brown Cowl                 | 1   |

**Domus EasiPipe Rigid Duct Tumble Dryer Extraction Kit ▼**



| Code | Description                     | Qty |
|------|---------------------------------|-----|
| 240W | Cowled Ø100mm Connection, White | 1   |

**Domus EasiPipe Rigid Duct Telescopic Background Ventilator Kit ▼**



| Code  | Description                                                                   | Qty |
|-------|-------------------------------------------------------------------------------|-----|
| 2404W | With Diffuser and Environmental Filter White, with White External Grille      | 1   |
| 2404B | With Diffuser and Environmental Filter White, with Brown External Grille      | 1   |
| 2404C | With Diffuser and Environmental Filter White, with Cotswold External Grille   | 1   |
| 2404T | With Diffuser and Environmental Filter White, with Terracotta External Grille | 1   |

**Domus EasiPipe Rigid Duct Hose Tumble Dryer Extraction Kit Gravity Flap ▼**



| Code  | Description                          | Qty |
|-------|--------------------------------------|-----|
| 40205 | Ø100mm Connection White Gravity Flap | 1   |

**Domus EasiPipe Rigid Duct High Rise Kit Cowl ▼**



| Code  | Description       | Qty |
|-------|-------------------|-----|
| 2404W | Cowled White      | 1   |
| 2447B | Cowled Brown      | 1   |
| 2447T | Cowled Terracotta | 1   |

## ROUND DUCTING – Ø125mm

### Domus EasiPipe Rigid Duct Flexible Hose ▼



| Code  | Description                    | Qty |
|-------|--------------------------------|-----|
| 561   | 1m Length, White               | 1   |
| 50561 | 1m Length, White (Retail Pack) | 1   |
| 563   | 3m Length, White               | 1   |
| 50563 | 3m Length, White (Retail Pack) | 1   |
| 566   | 6m Length, White               | 1   |
| 5615  | 15m Length, White              | 1   |

### Domus EasiPipe Rigid Duct Aluminium Duct ▼



| Code   | Description         | Qty |
|--------|---------------------|-----|
| 503203 | 0.3m Length, Silver | 1   |
| 503215 | 1.5m Length, Silver | 1   |
| 503230 | 3m Length, Silver   | 1   |

### Domus Rigid Duct In-line Adapter Round-Round ▼



| Code  | Description                      | Qty |
|-------|----------------------------------|-----|
| 118   | Ø125-Ø150mm, White               | 10  |
| 50118 | Ø125-Ø150mm, White (Retail Pack) | 1   |
| 519   | Ø125-Ø120mm, White               | 1   |

### Domus EasiPipe Rigid Duct 0.1m Flexible Hose Connector ▼



| Code | Description | Qty |
|------|-------------|-----|
| 580  | White       | 10  |

### Domus EasiPipe Rigid Duct 90° Horizontal Bend ▼



| Code  | Description         | Qty |
|-------|---------------------|-----|
| 590   | White               | 10  |
| 50590 | White (Retail Pack) | 1   |

### Domus EasiPipe Rigid Duct 45° Horizontal Bend ▼



| Code  | Description         | Qty |
|-------|---------------------|-----|
| 591   | White               | 10  |
| 50591 | White (Retail Pack) | 1   |

### Domus EasiPipe Rigid Duct Horizontal T Piece ▼



| Code  | Description         | Qty |
|-------|---------------------|-----|
| 592   | White               | 5   |
| 50592 | White (Retail Pack) | 1   |

### Domus EasiPipe Rigid Duct Y Piece ▼



| Code | Description | Qty |
|------|-------------|-----|
| 599M | White       | 1   |

### Domus EasiPipe Rigid Duct ▼



| Code   | Description                                  | Qty |
|--------|----------------------------------------------|-----|
| 130-5  | 0.25-0.45m Length, Telescopic Assembly White | 10  |
| 135-5  | 0.35m Length, White                          | 10  |
| 50135  | 0.35m Length, White (Retail Pack)            | 1   |
| 1100-5 | 1m Length, White                             | 3   |
| 51100  | 1m Length, White (Retail Pack)               | 1   |
| 2100-5 | 1m Length, Sleeve, White                     | 3   |
| 1200-5 | 2m Length, White                             | 3   |

### Domus EasiPipe Rigid Duct Straight Connector ▼



| Code  | Description         | Qty |
|-------|---------------------|-----|
| 593   | White               | 10  |
| 50593 | White (Retail Pack) | 1   |

### Domus EasiPipe Rigid Duct Straight Connector with Damper ▼



| Code  | Description         | Qty |
|-------|---------------------|-----|
| 594   | White               | 10  |
| 50594 | White (Retail Pack) | 1   |

### Domus EasiPipe Rigid Duct Condensation Trap with Overflow ▼



| Code | Description | Qty |
|------|-------------|-----|
| 5697 | White       | 3   |

### Domus EasiPipe Rigid Duct Straight Connector & Wall Plate ▼



| Code | Description | Qty |
|------|-------------|-----|
| 595  | White       | 10  |

### Domus EasiPipe Rigid Duct Aluminium Hose Clip ▼



| Code  | Description                              | Qty |
|-------|------------------------------------------|-----|
| 125-5 | Aluminium                                | 1   |
| 50125 | Aluminium Hose Clip Silver (Retail Pack) | 1   |

### Domus EasiPipe Rigid Duct Clip ▼



| Code  | Description         | Qty |
|-------|---------------------|-----|
| 596   | White               | 10  |
| 50596 | White (Retail Pack) | 1   |

### Domus EasiPipe Rigid Duct Flexible Hose Connector with Threaded Socket ▼



| Code  | Description | Qty |
|-------|-------------|-----|
| 126-5 | White       | 10  |

### Domus EasiPipe Rigid Duct Wall Plate ▼



| Code  | Description | Qty |
|-------|-------------|-----|
| 114-5 | White       | 10  |

### Domus EasiPipe Rigid Duct Hose Tumble Dryer Extraction Kit ▼



| Code   | Description                          | Qty |
|--------|--------------------------------------|-----|
| 202-5B | Cowled Ø125mm Connection, Brown Cowl | 1   |

### Domus EasiPipe Rigid Duct Hose Tumble Dryer Extraction Kit Cowled ▼



| Code   | Description                   | Qty |
|--------|-------------------------------|-----|
| 202-5W | Ø125mm Connection, White Cowl | 1   |

### Domus EasiPipe Rigid Duct External Roof Duct Terminals ▼

| Code | Description | Qty |
|------|-------------|-----|
| 4412 | Black/Grey  | 1   |

### Domus EasiPipe Rigid Duct Telescopic Background Ventilator Kit ▼



| Code | Description             | Qty |
|------|-------------------------|-----|
| 508W | With Damper, White Cowl | 1   |

## ROUND DUCTING – Ø150mm

### Domus EasiPipe Rigid Duct Flexible Hose ▼



| Code | Description       | Qty |
|------|-------------------|-----|
| 661  | 1m Length, White  | 1   |
| 663  | 3m Length, White  | 1   |
| 666  | 6m Length, White  | 1   |
| 6615 | 15m Length, White | 1   |

### Domus EasiPipe Rigid Duct Aluminium Duct ▼



| Code   | Description         | Qty |
|--------|---------------------|-----|
| 603203 | 0.3m Length, Silver | 1   |
| 603215 | 1.5m Length, Silver | 1   |
| 603230 | 3m Length, Silver   | 1   |

### Domus Rigid Duct In-line Adapter Round-Round ▼



| Code | Description        | Qty |
|------|--------------------|-----|
| 620  | Ø150-Ø160mm, White | 1   |
| 819  | Ø150-Ø200mm, White | 1   |

### Domus EasiPipe Rigid Duct 0.1m Flexible Hose Connector ▼



| Code | Description | Qty |
|------|-------------|-----|
| 680  | White       | 10  |

### Domus EasiPipe Rigid Duct 90° Horizontal Bend ▼



| Code | Description | Qty |
|------|-------------|-----|
| 690  | White       | 6   |

### Domus EasiPipe Rigid Duct 45° Horizontal Bend ▼



| Code | Description | Qty |
|------|-------------|-----|
| 691  | White       | 10  |

### Domus EasiPipe Rigid Duct Horizontal T Piece ▼



| Code | Description | Qty |
|------|-------------|-----|
| 692  | White       | 1   |

### Domus EasiPipe Rigid Duct Y Piece ▼



| Code | Description | Qty |
|------|-------------|-----|
| 699M | White       | 1   |

### Domus EasiPipe Rigid Duct ▼



| Code   | Description                                  | Qty |
|--------|----------------------------------------------|-----|
| 130-6  | 0.25-0.45m Length, Telescopic Assembly White | 10  |
| 135-6  | 0.35m Length, White                          | 10  |
| 1100-6 | 1m Length, White                             | 2   |
| 2100-6 | 1m Length, Sleeve ,White                     | 2   |
| 1200-6 | 2m Length, White                             | 2   |

### Domus EasiPipe Rigid Duct Straight Connector ▼



| Code | Description | Qty |
|------|-------------|-----|
| 693  | White       | 10  |

### Domus EasiPipe Rigid Duct Straight Connector with Damper ▼



| Code | Description | Qty |
|------|-------------|-----|
| 694  | White       | 10  |

### Domus EasiPipe Rigid Duct Straight Connector & Wall Plate ▼



| Code | Description | Qty |
|------|-------------|-----|
| 695  | White       | 10  |

### Domus EasiPipe Rigid Duct Aluminium Hose Clip ▼



| Code  | Description | Qty |
|-------|-------------|-----|
| 125-6 | Aluminium   | 1   |

### Domus EasiPipe Rigid Duct Clip ▼



| Code | Description | Qty |
|------|-------------|-----|
| 696  | White       | 10  |

### Domus EasiPipe Rigid Duct Wall Plate ▼



| Code  | Description | Qty |
|-------|-------------|-----|
| 114-6 | White       | 10  |

### Domus EasiPipe Rigid Duct Flexible Hose Connector with Threaded Socket ▼



| Code  | Description | Qty |
|-------|-------------|-----|
| 126-6 | White       | 10  |

### Domus EasiPipe Rigid Duct Hose Tumble Dryer Extraction Kit ▼



| Code   | Description                          | Qty |
|--------|--------------------------------------|-----|
| 202-6B | Cowled Ø150mm Connection, Brown Cowl | 1   |

### Domus EasiPipe Rigid Duct Hose Tumble Dryer Extraction Kit ▼



| Code   | Description                          | Qty |
|--------|--------------------------------------|-----|
| 202-6W | Cowled Ø150mm Connection, White Cowl | 1   |

### Domus EasiPipe Rigid Duct High Rise Kit Cowled ▼



| Code  | Description  | Qty |
|-------|--------------|-----|
| 2647W | Cowled White | 1   |
| 2647B | Cowled Brown | 1   |

## DUCTING – MISCELLANEOUS

### Domus Rigid Duct PVC Duct Tape ▼



| Code  | Description                      | Qty |
|-------|----------------------------------|-----|
| 123-4 | 50mm x 4.6m, White               | 1   |
| 40123 | 50mm x 4.6m, White (Retail Pack) | 1   |
| 123   | 50mm x 33m, White                | 1   |

### Domus Rigid Duct Aluminium Duct Tape ▼



| Code   | Description    | Qty |
|--------|----------------|-----|
| 50TP45 | 45m, Aluminium | 1   |

### Domus Mechanical Ventilation with Heat Recovery Condensate Drainage Kit ▼



| Code | Description | Qty |
|------|-------------|-----|
| 297  | White       | 1   |

### Domus Rigid Duct & Intumescent Sealant



| Code   | Description | Qty |
|--------|-------------|-----|
| DDSEAL | 310ml White | 1   |

### Acrylic Duct Sealant ▼

| Code   | Description | Qty |
|--------|-------------|-----|
| DASEAL | 310ml       | 1   |

## THERMAL INSULATION

### Domus Thermal EasiPipe Rigid Duct Insulation ▼



| Code     | Description      | Qty |
|----------|------------------|-----|
| TS1100-4 | Ø100mm, 1m, Grey | 4   |
| TS1100-5 | Ø125mm, 1m, Grey | 4   |
| TS1100-6 | Ø150mm, 1m, Grey | 4   |

### Domus Thermal EasiPipe Rigid Duct 90° Insulation Horizontal Bend ▼



| Code  | Description  | Qty |
|-------|--------------|-----|
| TS490 | Ø100mm, Grey | 3   |
| TS590 | Ø125mm, Grey | 3   |
| TS690 | Ø150mm, Grey | 3   |

### Domus Thermal EasiPipe Rigid Duct 45° Insulation Horizontal Bend ▼



| Code  | Description  | Qty |
|-------|--------------|-----|
| TS491 | Ø100mm, Grey | 3   |
| TS591 | Ø125mm, Grey | 3   |
| TS691 | Ø150mm, Grey | 3   |

### Domus Thermal EasiPipe Rigid Duct Insulation Horizontal T Piece ▼



| Code  | Description  | Qty |
|-------|--------------|-----|
| TS492 | Ø100mm, Grey | 3   |
| TS592 | Ø125mm, Grey | 3   |
| TS692 | Ø150mm, Grey | 3   |

### Domus Thermal Supertube Rigid Duct Insulation ▼



| Code  | Description        | Qty |
|-------|--------------------|-----|
| TS510 | 204x60mm, 1m, Grey | 4   |
| TS910 | 220x90mm, 1m, Grey | 4   |

### Domus Thermal Supertube Rigid Duct Insulation Fixed Spigot Plenum ▼



| Code  | Description    | Qty |
|-------|----------------|-----|
| TS540 | 204x60mm, Grey | 3   |
| TS961 | 220x90mm, Grey | 3   |

### Domus Thermal Supertube Rigid Duct 90° Insulation Horizontal Bend ▼



| Code  | Description    | Qty |
|-------|----------------|-----|
| TS550 | 204x60mm, Grey | 3   |
| TS950 | 220x90mm, Grey | 3   |

### Domus Thermal Supertube Rigid Duct 45° Insulation Horizontal Bend ▼



| Code  | Description    | Qty |
|-------|----------------|-----|
| TS555 | 204x60mm, Grey | 3   |
| TS955 | 220x90mm, Grey | 3   |

### Domus Thermal Supertube Rigid Duct 45° Insulation Vertical Bend ▼



| Code  | Description    | Qty |
|-------|----------------|-----|
| TS575 | 204x60mm, Grey | 4   |
| TS975 | 220x90mm, Grey | 4   |

### Domus Thermal Supertube Rigid Duct Insulation Horizontal T Piece ▼



| Code  | Description    | Qty |
|-------|----------------|-----|
| TS582 | 204x60mm, Grey | 3   |
| TS982 | 220x90mm, Grey | 3   |

### Domus Thermal Rigid Duct Fastening Strap ▼



| Code | Description | Qty |
|------|-------------|-----|
| TS22 | 10m, Grey   | 1   |

### Domus Thermal Insulation Sheet ▼



| Code   | Description | Qty |
|--------|-------------|-----|
| 10TP12 | 1x1.2m      | 1   |

## GRILLES – SUPPLY & EXTRACT

### Domus EasiPipe Rigid Duct Air Valve Extract or Supply ▼



| Code   | Description   | Qty |
|--------|---------------|-----|
| 136-04 | Ø100mm, White | 8   |
| 136-05 | Ø125mm, White | 8   |
| 136-06 | Ø150mm, White | 8   |

### Domus EasiPipe Rigid Duct Air Valve Extract or Supply Suspended Ceiling ▼



| Code   | Description                 | Qty |
|--------|-----------------------------|-----|
| 136-24 | Ø100mm, White               | 6   |
| 40136  | Ø100mm, White (Retail Pack) | 1   |
| 136-25 | Ø125mm, White               | 6   |
| 50136  | Ø125mm, White (Retail Pack) | 1   |
| 136-06 | Ø150mm, White               | 6   |

### Domus EasiPipe Rigid Duct Air Valve Extract or Supply Suspended Ceiling Fire Rated ▼



| Code      | Description   | Qty |
|-----------|---------------|-----|
| 136FR-24M | Ø100mm, White | 1   |
| 136FR-25M | Ø125mm, White | 1   |
| 136FR-26M | Ø150mm, White | 1   |

## RADIAL

### Domus Radial Semi-Rigid Duct Connector Spare Part ▼



| Code  | Description | Qty |
|-------|-------------|-----|
| RDC75 | Ø75mm, Blue | 1   |

### Domus Radial Semi-Rigid Duct ▼



| Code      | Description             | Qty |
|-----------|-------------------------|-----|
| RDD75(25) | Ø75mm, 25m Length, Blue | 1   |
| RDD75     | Ø75mm, 50m Length, Blue | 1   |

### Domus Radial Semi-Rigid Duct Clip Pack ▼



| Code     | Description              | Qty |
|----------|--------------------------|-----|
| RDCLIP75 | Ø75mm, Pack of 10, Black | 1   |

### Domus Radial Semi-Rigid Duct 90° Duct Bend Spare Part ▼

| Code    | Description | Qty |
|---------|-------------|-----|
| RDD7590 | Ø75mm, Blue | 1   |

### Domus Radial Semi-Rigid Duct Manifold Outlet Spare Part ▼

| Code  | Description | Qty |
|-------|-------------|-----|
| RDM01 | Ø75mm       | 1   |

### Domus Radial Semi-Rigid Duct Insulation ▼



| Code      | Description | Qty |
|-----------|-------------|-----|
| RDI-25X5M | Silver      | 1   |

### Domus Radial Semi-Rigid Duct Fire Stopping Sleeve ▼



| Code   | Description | Qty |
|--------|-------------|-----|
| RDFS75 | 250mm, Red  | 1   |

### Domus Radial Semi-Rigid Duct Extract and Supply Label Kit ▼



| Code  | Description | Qty |
|-------|-------------|-----|
| RDLAB | White       | 1   |

### Domus Radial Semi-Rigid Duct Full Round Manifold ▼



| Code      | Description  | Qty |
|-----------|--------------|-----|
| RDM-EP150 | Black/Silver | 1   |

### Domus Radial Semi-Rigid Duct Full Rectangular Manifold ▼



| Code     | Description  | Qty |
|----------|--------------|-----|
| RDM-D220 | Black/Silver | 1   |

### Domus Radial Semi-Rigid Duct Outlet Plenum ▼



| Code     | Description   | Qty |
|----------|---------------|-----|
| RDOP-125 | Ø125mm, Black | 1   |

### Domus Radial Semi-Rigid Duct Flow Control Plenum ▼



| Code       | Description   | Qty |
|------------|---------------|-----|
| RDOP-125FC | Ø125mm, Black | 1   |

### Domus Radial Semi-Rigid Duct Outlet Plenum Spare Part ▼



| Code | Description   | Qty |
|------|---------------|-----|
| RDOP | Ø150mm, Black | 1   |

### Domus Radial Semi-Rigid Duct Protective Caps ▼



| Code   | Description | Qty |
|--------|-------------|-----|
| RDPC75 | Black       | 1   |

### Domus Radial Rigid Insulated Duct and Domus Thermal Insulation ▼



| Code   | Description       | Qty |
|--------|-------------------|-----|
| RDD125 | Ø125mm 1m, Silver | 1   |
| RDD150 | Ø150mm 1m, Silver | 1   |

### Domus Radial 45° Rigid Duct Bend and Domus Thermal Insulation Silver ▼

| Code     | Description | Qty |
|----------|-------------|-----|
| RDD12545 | Ø125mm      | 1   |

### Domus Radial 90° Rigid Duct Bend and Domus Thermal Insulation Silver ▼



| Code      | Description | Qty |
|-----------|-------------|-----|
| RDD12590  | Ø125mm      | 1   |
| RDD 15090 | Ø150mm      |     |

### Domus Radial Semi-Rigid Duct Room Expansion Pack – Air Valve ▼

| Code  | Description | Qty |
|-------|-------------|-----|
| RDRE1 | White       | 1   |

### Domus Radial Semi-Rigid Duct System Expansion Pack – Air Valve ▼

| Code  | Description | Qty |
|-------|-------------|-----|
| RDRE2 | -           | 1   |

### Domus Radial Semi-Rigid Duct Seal for 75mm Semi-Rigid Duct ▼

| Code  | Description               | Qty |
|-------|---------------------------|-----|
| RDS75 | Pack 10, Spare Part Black | 1   |

### Domus Radial Semi-Rigid Duct System Expansion Pack for Ø150mm Unit Connection ▼

| Code  | Description                | Qty |
|-------|----------------------------|-----|
| RDSE1 | For Ø150mm Unit Connection | 1   |

### Domus Radial Semi-Rigid Duct System Expansion Pack for Ø125mm Unit Connection ▼

| Code  | Description                | Qty |
|-------|----------------------------|-----|
| RDSE2 | For Ø125mm Unit Connection |     |

## RADIAL SYSTEMS

### Domus Radial Semi-Rigid Duct and MEV CMX House Pack ▼

| Code      | Description                          | Qty |
|-----------|--------------------------------------|-----|
| RDK- CMXS | With Standard Plenums and Air Valves | 1   |

### Domus Radial Semi-Rigid Duct and MVHR HRX2D House Pack ▼

| Code       | Description                          | Qty |
|------------|--------------------------------------|-----|
| RDK- HRX2D | With Standard Plenums and Air Valves | 1   |

### Domus Radial Semi-Rigid Duct and MVHR HRXD House Pack ▼

| Code      | Description                          | Qty |
|-----------|--------------------------------------|-----|
| RDK- HRXD | With Standard Plenums and Air Valves | 1   |

## DOMUS ADAPT

### Domus Adapt Plenum with Radial Sockets ▼



| Code         | Description            | Qty |
|--------------|------------------------|-----|
| RDA-3R90-125 | Ø125mm Sockets 3xØ75mm | 1   |
| RDA-3R90-150 | Ø150mm Sockets 3xØ75mm | 1   |

### Domus Adapt In-Line Adapter with Radial Sockets ▼



| Code    | Description              | Qty |
|---------|--------------------------|-----|
| RDA-3FA | 204x60mm Sockets 3xØ75mm | 1   |
| RDA-3FC | 220x90mm Sockets 3xØ75mm | 1   |

### Domus Adapt Horizontal 90° Bend with Radial Sockets ▼



| Code      | Description              | Qty |
|-----------|--------------------------|-----|
| RDA-3FH90 | 220x90mm Sockets 3xØ75mm | 1   |

### Domus Adapt Vertical 90° Bend with Radial Sockets ▼



| Code      | Description              | Qty |
|-----------|--------------------------|-----|
| RDA-3FV90 | 220x90mm Sockets 3xØ75mm | 1   |

### Domus Adapt T Piece with Radial Sockets ▼



| Code    | Description                                                          | Qty |
|---------|----------------------------------------------------------------------|-----|
| RDA-3T  | 220x90mm with 3xØ75mm sockets from side                              | 1   |
| RDA-6T  | 220x90mm, with 6xØ75mm sockets from side                             | 1   |
| RDA-6TB | 220x90mm, with 3xØ75mm sockets from side from side and 3 from branch |     |

## FIRE SOLUTIONS

### Domus FireBrake+ EasiPipe Rigid Duct Horizontal Sleeve ▼



| Code    | Description | Qty |
|---------|-------------|-----|
| FBS100H | Ø100mm, Red | 1   |
| FBS125H | Ø125mm, Red | 1   |
| FBS150H | Ø150mm, Red | 1   |

### Domus Ø125mm Rigid Duct Fire Sleeve ▼



| Code   | Description | Qty |
|--------|-------------|-----|
| DFS125 | Silver      | 1   |

### Domus Rigid Duct Vertical Fire Sleeve ▼



| Code    | Description    | Qty |
|---------|----------------|-----|
| DFSV100 | Ø100mm, Silver | 1   |
| DFSV125 | Ø125mm, Silver | 1   |
| DFSV150 | Ø150mm, Silver | 1   |

### Domus FireBrake+ Supertube Rigid Duct Horizontal Sleeve ▼



| Code      | Description   | Qty |
|-----------|---------------|-----|
| FBS20460H | 204x60mm, Red | 1   |
| FBS22090H | 220x90mm, Red | 1   |

### Domus FireBrake+ Supertube Rigid Duct Horizontal Sleeve ▼



| Code   | Description      | Qty |
|--------|------------------|-----|
| DFS110 | 110x54mm, Silver | 1   |
| DFS204 | 204x60mm, Silver | 1   |
| DFS220 | 220x90mm, Silver | 1   |

## MECHANICAL EXTRACT VENTILATION (MEV)

System 3 of Part F Building Regulations calls for continuous Mechanical Extract Ventilation, and the CMX-S provides just that.

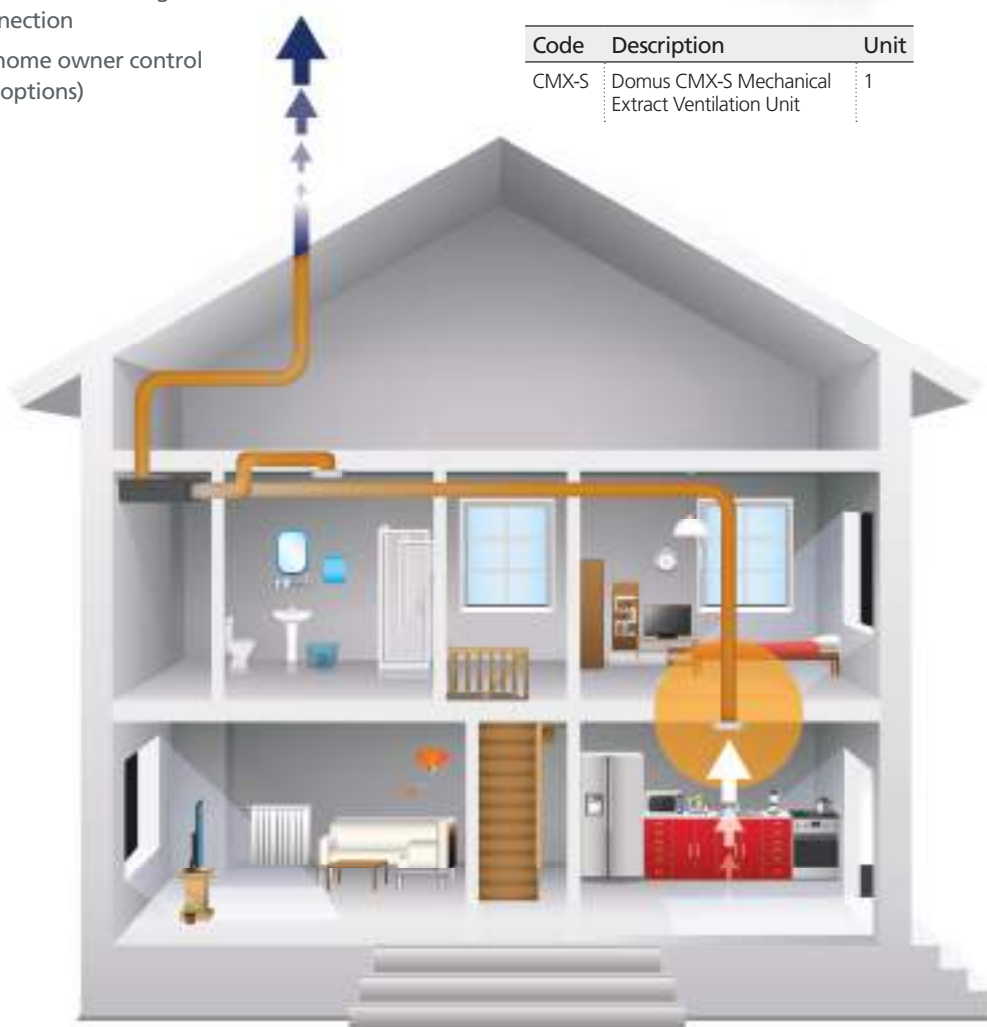
- ▶ With a versatile depth of 125mm and a powerful performance, capable of servicing all Residential and Light Commercial applications, this unit from Domus Ventilation proves a hard one to beat.
- ▶ High air flow performance up to 120 l/s
- ▶ In-line ports enable straightforward duct connection
- ▶ Flexible home owner control (3 speed options)

ONLY  
125mm  
DEEP



EXCEPTIONALLY  
COMPACT  
**125mm DEEP**  
VERY QUIET  
**2 YEARS  
WARRANTY**

| Code  | Description                                     | Unit |
|-------|-------------------------------------------------|------|
| CMX-S | Domus CMX-S Mechanical Extract Ventilation Unit | 1    |



## FREE OF CHARGE MEV DESIGN SERVICE!

Our designs come with a full Bill of Materials upon design completion and scheduled, nationwide delivery.

## MECHANICAL VENTILATION WITH HEAT RECOVERY (MVHR)

MVHR is the combination of continuous extract ventilation, with heat recovery technology.

- ▶ Whilst moisture-laden air is constantly extracted from wet rooms, fresh air is brought in from atmosphere and passed through the heat exchanger within the unit to then supply clean filtered air to living areas of the home.
- ▶ Designed to discreetly complement modern interior design scheme.

Centralised mechanical systems are fast becoming the preferred method of ventilation in the UK



### HRX-aQ ▼

The most compact unit on the market offers flexible installation in both ceiling voids and cupboard spaces



### HRX2D ▼

Mounts on to a wall or in loft space. Ideal for larger properties, with a powerful and efficient performance



### HRXD ▼

Mounts on to a wall, ideally sized and lightweight to fit in an average cupboard space

| Code     | Description                                                                                 | Unit |
|----------|---------------------------------------------------------------------------------------------|------|
| AQH200-B | Domus HRX-aQ Mechanical Ventilation with Heat Recovery Ceiling Unit with bypass 200mm Black | 1    |
| HRX2D    | Domus HRX2D Mechanical Ventilation with Heat Recovery Unit                                  | 1    |
| HRXD     | Domus HRXD Mechanical Ventilation with Heat Recovery Unit                                   | 1    |

## FREE OF CHARGE MVHR DESIGN SERVICE!

Our designs come with a full Bill of Materials upon design completion and scheduled, nationwide delivery.

## WS400 Fixed Square Swirl Diffuser



The fixed swirl diffuser type WS400 is used for the supply of cooled or heated air in facilities such as offices, shopping centres, schools.

Diffusers for ceiling or exposed duct mounting. A high induction is obtained by the exceptional swirl discharge, this quickly reduces the difference in temperature and velocity of the induced air, which makes this diffuser extremely suitable for VAV terminal boxes.

This diffuser can also be used for exhaust.

- Square steel swirl diffuser with fixed blades and fixed horizontal air pattern
- A high induction is obtained by the exceptional swirl discharge, this quickly reduces the difference in temperature and velocity of the induced air

### ACCESSORIES



WP100 PLENUM BOX



WP100P PYRAMID PLENUM BOX



## DE100 Circular Diffuser with Adjustable Air Pattern



The diffuser type DE100 is used for the supply and exhaust of cooled or heated air in facilities such as offices, shopping centres, workshops, factory halls.

The diffuser can be used for ceiling or exposed duct mounting, especially in installations where an adjustable pattern is required (horizontally-vertically). Suitable for mounting at higher altitudes because of its adjustable pattern.

- Circular diffuser with adjustable air pattern (horizontal-vertical).
- Suitable for mounting at higher altitudes because of its adjustable air pattern.
- The diffuser can be used for ceiling or exposed duct mounting.

### ACCESSORIES



DP150 PLENUM BOX



BUTTERFLY DAMPER



SUPPORT FOR DE100



## WT100 Square Swirl Diffuser with Adjustable Radial Air Pattern



Square steel swirl diffuser type WT100 with adjustable radial air pattern is used for the supply of cooled or heated air in facilities such as offices, shopping centres, schools, ... Diffusers for ceiling or exposed duct mounting. The square diffuser offered, complete with a plenum box with side- or top connection. The diffuser is equipped with adjustable pvc deflectors creating the possibility to obtain an external or internal swirl. A high induction is obtained by the exceptional swirl discharge, which makes them extremely suitable for VAV terminal boxes.

- Square steel swirl diffuser with adjustable air pattern, complete with a plenum box with side or top entry
- The diffuser is equipped with adjustable deflectors
- Easy to install, multiple mounting options available

### ACCESSORIES



WP100 PLENUM BOX



WP100P PYRAMID PLENUM BOX



## JD SHORT PIPE

Jet Diffuser  
Short  
Pipe



The jet diffusers, type JD, are especially developed for large and high areas such as concert halls, theaters, galleries, airports, shopping centres, industrial plants.

Through their aerodynamic design they ensure a reduced noise level and even a long throw at high outlet velocities. In all versions, the jet is adjustable over 360°. As these jet diffusers handle different supply air temperatures, the jet can be oriented upwards or downwards (heating or cooling mode).

- Adjustable over 60° (cooling - heating)
- Rotates through 360°
- High induction level
- Low noise level



## A980 Transfer Grille



The grille type A-980 is used as a transfer grille in facilities such as offices, hospitals, schools.

The diffuser can be used for ceiling or exposed duct mounting, especially in installations where an adjustable pattern is required (horizontally-vertically). Suitable for mounting at higher altitudes because of its adjustable pattern.

- Transfer grille with inverted Y-profile (sight-proof).
- Free passage ca. 38%.
- Used for door thicknesses between 30 and 58mm.



## A100 Grille With Adjustable Vanes



The grilles type A100/G100 are used for the supply and exhaust of cooled and heated air in facilities such as offices, shopping centres, workshops.

The grille can be used for wall or exposed duct mounting. It is also possible to mount the grille in the ceiling in order to create e.g. an air curtain (only with AE/GE and AF/GF). The horizontal vanes can be adjusted manually and individually to obtain an optimal air distribution.

- Grille with horizontal, individually adjustable vanes.
- Free passage ca. 70% (depending on the position of the vanes).
- Available in anodised aluminium or painted.

### ACCESSORIES



## MCAS Modular Perforated Ceiling Diffuser



**Grada MCAS is a modular ceiling diffuser system. Different flow patterns, such as one-way and swirl flows, can be established by inserting exchangeable elements.**

The perforated front plate with reduced view of the inside gives the unit an aesthetical finish. Easy access for cleaning and flow element changes is ensured by push-pull locks at the front plate. The system is especially applicable to situations where high requirements are to be met with respect to hygiene, flexibility and comfort. Typical applications include healthcare facilities, schools, offices, public buildings, etc.

- Simple cleaning according VDI hygiene instructions (VDI 6022)
- Reduced installation height
- Energy saving due to air tightness according to EN1751



## CS400 Square Architectural Diffuser with Adjustable Air Pattern



**Architectural aluminium ceiling diffuser with 4 way air pattern and adjustable core (heating/cooling).**

For supply and exhaust applications. Available for substructure assembly, ceiling system and custom panel. Available with optional damper CS001.

- Clean architectural finish
- Suitable for VAV-applications
- Available in different sizes and finishes



### ACCESSORIES



CS001  
TELESCOPIC  
DAMPER



DP150  
PLENUM BOX

## EG400 Multidirectional Diffuser



**The diffuser type EG400/EH400 is used for the supply and exhaust of cooled or heated air in facilities such as offices, shopping centres, conference room.**

This diffuser can be mounted in the ceiling and has a fixed 4-way horizontal air pattern. Can also be mounted on a false ceiling plate (dimensions to be specified). Opposed blade damper and mounting support as option.

- Square diffuser with fixed 4-way horizontal air.
- The diffuser can be mounted in the ceiling.



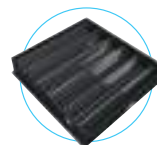
### ACCESSORIES



GR002  
MOUNTING  
BRACKET

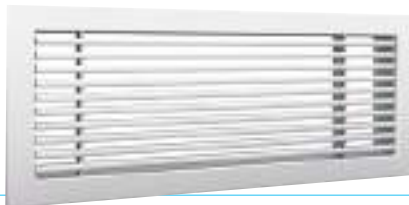


DP100P  
PYRAMID PLENUM  
BOX



DT018  
DAMPER FOR MULTI  
DIRECTIONAL  
DIFFUSER

## A600 Bar Grille



**Aluminium bar grille, suitable for the supply and exhaust of cooled or heated air, with straight bars or with 15° deflection.** The grille is suitable for wall mounting. Multiple frame executions are possible. Standard delivered with mounting clips, various other mounting options are available. Installation is possible with or without mounting frame (GR001). Standard finish satin anodised.

- Architectural finish
- Suitable for wall installation
- Easy to install with mounting clips



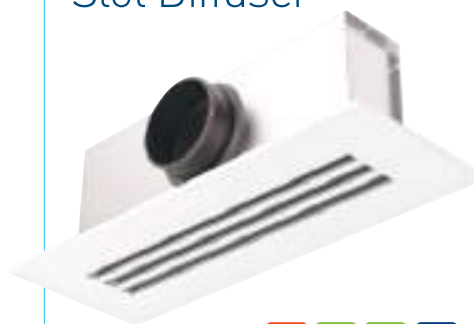
## LT360 Drum Slot Diffuser



**Aluminium ceiling slot diffuser with flange, with linear air pattern and adjustable drums to supply air into the room.** Drum slot diffuser for high performances with unique capacity up to 4 slots.



## SLS Adjustable Slot Diffuser

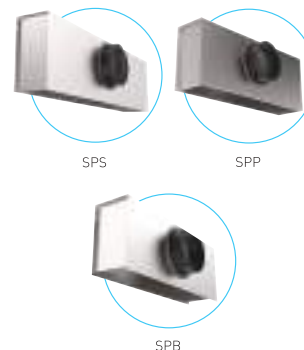


**The adjustable aluminium slot diffuser type SLS is suitable for the supply and exhaust of cooled and heated air in, among other applications, offices, shops, meeting rooms.** This product is designed for ceiling or wall mounting and is available from 1 up to 6 slots. Each slot is individually adjustable and is equipped with 2 specially designed discrete deflectors. This results in an ideal air flow pattern that can be adjusted by 180° (vertical and horizontal air flow). SLS is available in several lengths. With multiple middle and end sections to create a linear diffuser up to any length.

- Sleek design with discrete deflectors
- Easy mounting with mounting brackets (in combination with SPS plenum)
- Wide temperature range for both heating and cooling



### ACCESSORIES



## SLF Adjustable Slot Diffuser with 20mm Frame, with Filter Access Door

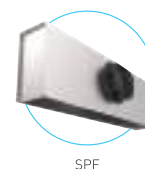


**The adjustable aluminium slot diffuser type SLF with magnetic easy access door to the plenum to replace filters, is suitable for the supply and exhaust of cooled and heated air in, among other applications, offices, shops, meeting rooms.**

This product is designed for ceiling or wall mounting and is available from 2 up to 4 slots. Each slot is individually adjustable and is equipped with 2 specially designed discrete deflectors. This results in an ideal air flow pattern that can be adjusted by 180° (vertical and horizontal air flow). SLF is available in several lengths, there is also a panel version for system ceilings.

- Sleek design with discrete deflectors
- Wide temperature range for both heating and cooling
- With easy access door to the plenum to replace filters

### ACCESSORIES



## WR250 Circular Swirl Diffuser with Fixed Blades



The swirl diffuser type WR250 is used for the supply of cooled and heated air in facilities such as offices, shopping centres, schools,... Diffuser for ceiling or exposed duct mounting.

The diffuser is equipped with fixed vanes in a round front sheet. A high induction is obtained because of the exceptional swirl discharge, which makes them very suitable for VAV applications from 100% down to 25%. The swirl diffusers are universally applicable. Thanks to the simple assembly to the transition piece and the restricted outer dimensions, this grating is ideal for the supply of fresh air in cooling ceilings.

- Circular steel swirl diffuser for small air volumes with a horizontal air pattern, complete with friction springs
- Perfect integration in system ceilings
- Suitable for ceiling plates with thickness between 1.5 and 20 mm

## CC600 Round Architectural Ceiling Diffuser with Adjustable Core



Round steel ceiling diffuser with round air pattern and adjustable core for supply and exhaust applications.

Special diffuser where high aesthetic standards are required and with adjustable air pattern. RAL9010 finish. For this product you can select a number of different accessories.

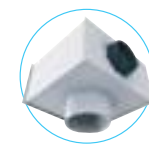
- Circular diffuser with adjustable air pattern and circular top entry.
- Provided with a removable deflector plate.
- Due to its stable air distribution, it can also be used for VAV terminal boxes.



### ACCESSORIES



TELESCOPIC DAMPER



PLENUM BOX

## RLV Residential Valve



The residential valve RLV is suitable for the supply and exhaust of cooled and heated air. It can be mounted in both wall and ceiling where aesthetics are important. Several geometries and colours of the aluminium front plate are possible. Quick and easy mounting by spring mechanism or mounting ring, to be fixed on both flexible and rigid ductwork. Provided with double lip seal (airtightness class D according EN 15727). Easy adjustment of volume damper. Default finish RAL 9003, textured paint.



## VT061 Residential Valve Extraction

The VT061 air valves are used for supply in ventilation systems. They can be mounted in a wall, a ceiling or beneath exposed air ducts. Their principal field of application are offices, hospitals, nursing homes and hotels. The removable interior and the smooth surface make the valve easy to clean.



## VA061 Air Valve

The V-060 air valves are used for air exhaust in ventilation systems. They can be mounted in a wall, a ceiling or beneath exposed air ducts. Their principal field of application are offices, hospitals, nursing homes and hotels. The removable interior and the smooth surface make the valve easy to clean.



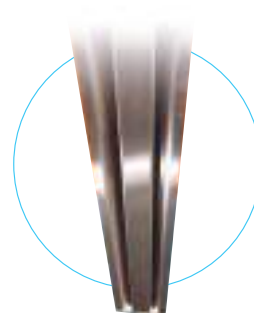
## Linear Bar Grilles Stainless Steel & Brass

Equivalent in design to our LBG range of linear bar grilles and complementing the stainless steel sidewall grille range, the grille is manufactured with a in 0 deflected Blade with 20-30mm border flanges, flat bar sides or supplied as core only. Maximum width is 300mm and maximum single unit length is 1500mm. Above this size linear runs are supplied in multiple units for butt jointing. Mitred corners and access sections are also available and with a choice of circular or square necks, with or without spigot dampers only.



## Linear Slot Diffusers Stainless Steel & Brass

A new design for prestige contracts. A linear slot diffusers manufactured in Stainless Steel and Brass allow the designer to integrate the air diffusion system with the ceiling system design, whilst also matching other fittings and trim within a room or office. Available in widths from 1-4 Slots and in single units up to 500s length, Linear runs can also be supplied made up from specified unit lengths Butt-jointed to give continuous appearance. Matching plenum boxes - with Or without spigot dampers are also available.

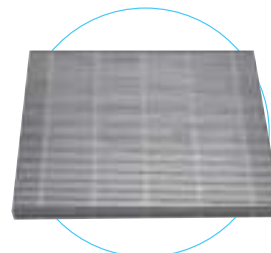
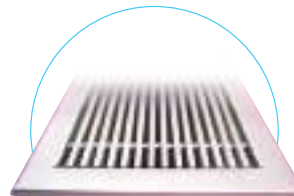


## Floor Grilles Stainless Steel & Brass

SERVOMOTOR - Circular Diffuser manufactured in Stainless Steel. The grille, outer ring and basket manufactured in Stainless steel. Suitable for mounting in system floors.

Linear or floor tile applications. The Linear model is equivalent to the LBG type, Featuring a 20-32mm border frame with a 3 x 20 solid bar core, with bars spaced at 12.5mm centres and mounted on screwed steel mullions with tubular spacers. The material specification is the same as for the sidewall grilles. Maximum width is 300mm and maximum single unit length is 1500mm. Above this size linear runs are supplied in multiple units for butt jointing. Mitred Corners and access sections are also available.

**SSAV500** - The floor tile model, manufactured in stainless steel only, the specification is as per our data AV500, comprising a 6 x 20mm solid bar face with bars Spaced at 12.5mm centres and mounted on screwed steel mullions with tubular Spacers in stainless steel. A black painted steel subframe is supplied with each Grille to give the necessary strength, dampers are available if required.



# PFC Corofil Acoustic Intumescent Sealant



## Application

PFC Corofil Acoustic Intumescent Sealant is an acrylic based sealant used to form linear gap seals in wall and floor constructions and to reinstate the fire resistance performance of wall and floor constructions where they have been provided with apertures for the penetrations of multiple services.

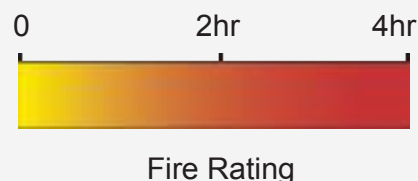
Tested in accordance with BS 476:Part 20 and EN:1366-3, PFC Corofil Acoustic Intumescent Sealant provides up to 4 hours fire protection in joints up to 30mm wide. In addition to the fire rating, the sealant may be used to seal joints in party walls to provide an acoustic seal.

## Description

PFC Corofil Acoustic Intumescent Sealant is a high specification, one part water based acrylic sealant, extruded from a cartridge loaded into a standard sealant gun. The depth of the joint will depend on the gap to be filled and the fire rating required (see fire rating table). Where structural movement is required to the joint, the sealant will allow for +/- 7.5%.

## FIRE RATINGS

Tested to  
BS 476:Part 20  
EN:1366-3



## TECHNICAL INFORMATION

Available from our technical sales office.

Email: [tech@pfc-corofil.com](mailto:tech@pfc-corofil.com) for:

- Safety Data Sheet (SDAISE-1)
- Installation Instructions (MSAISE-1)
- Product Certification



F30 76/ F30 610 / F30 670  
L10 75 / L10 810 / L20 80  
L20 820 / P12 338 / P12 395



*In presenting this technical advice we cannot claim to serve in any but an advisory capacity and can undertake no liability since actual conditions of use are beyond our control.*

# PFC Corofil Acoustic Intumescent Sealant

## Acoustic

PFC Corofil Acoustic Intumescent Sealant provides a Weighted Sound Reduction Index (Rw) of up to 57dB. Please contact our technical sales office with details of:

- Type of construction
- Required acoustic rating
- Size of joint

## Colours

The sealant is available in white and grey.

## Fire Rating Masonry Walls

| Joint Size | Depth of Sealant | Integrity | Insulation | Backing        | Type of Seal |
|------------|------------------|-----------|------------|----------------|--------------|
| 10mm       | 10mm             | 240 mins  | 30 mins    | PE Foam        | Single       |
| 15mm       | 10mm             | 240 mins  | 30 mins    | PE Foam        | Single       |
| 20mm       | 15mm             | 240 mins  | 120 mins   | PE Foam        | Dual         |
| 20mm       | 20mm             | 240 mins  | 60 mins    | C144 Firestrip | Single       |
| 30mm       | 15mm             | 240 mins  | 120 mins   | PE Foam        | Dual         |
| 30mm       | 15mm             | 240 mins  | 60 mins    | C144 Firestrip | Single       |

For fire ratings in joints formed between block to steel, block to soft wood, block to hard wood and block to plasterboard, please contact our technical sales office.

## Sizes

PFC Corofil Acoustic Intumescent Sealant is available in 310ml cartridges and 600ml foil packs.

## Coverage

One 310ml cartridge will provide the following coverage rates:

| Joint Size | Depth of Sealant | Yield per 310ml Cartridge |
|------------|------------------|---------------------------|
| 10mm       | 10mm             | 3.1 metres                |
| 20mm       | 15mm             | 1.03 metres               |
| 30mm       | 20mm             | 0.51 metres               |



*In presenting this technical advice we cannot claim to serve in any but an advisory capacity and can undertake no liability since actual conditions of use are beyond our control.*

| Doc Reference / Version |    |    |    | TDAISE-1 / Version 1 |    |    |    |
|-------------------------|----|----|----|----------------------|----|----|----|
| PB                      | DQ | CB | SE | DC                   | DA | AB | CI |
| This Copy               |    |    |    | Review Date          |    |    |    |
| May 2017                |    |    |    | May 2019             |    |    |    |

# SOUDAL



## SILIRUB® A

### DESCRIPTION

GENERAL PURPOSE acetoxy silicone sealant. Mould resistant. Primerless adhesion on many common construction materials (glass, ceramic, porcelain, metals and wood). Resistant to weathering, chemicals and high and low temperatures. Contains S1 Fungicide.

### APPLICATIONS

Sanitary, construction and industrial applications. Sealing in areas prone to high humidity. Sealing of all traditional sanitary ware. Perimeter sealing of wooden window and door frames. Glass to glass sealing joints.

### Stock Code

295ml Black - 5MASCBK

295ml Grey - 5MASCGY

295ml White - 5MASCWE



## ACRYRUB UK

### DESCRIPTION

HIGH QUALITY acrylic polymer based sealant and filler. Solvent free and virtually odourless. Very easy to apply. Colourfast and waterproof after curing. Can be painted over after curing. Very good adhesion on many porous surfaces. Conforms to ISO 11600 F 7.5 P

### APPLICATIONS

Sealing of window sills, skirting boards, architraves, plasterboard, brickwork, etc. Filling of small cracks in plaster.

### Stock Code

380ml - 5MASDC



## DEC CAULK

### DESCRIPTION

GENERAL PURPOSE acrylic polymer based sealant and filler. Solvent free and virtually odourless. Very easy to apply. Colourfast and waterproof after curing. Can be painted over after curing. Very good adhesion on many porous surfaces.

### APPLICATIONS

Sealing of window sills, skirting boards, architraves, plasterboard, brickwork, etc. Filling of small cracks in plaster.

### Stock Code

300ml - 5MASDCAULK



## SOUDADUCT®

### DESCRIPTION

HVAC acrylic polymer based, elasto-plastic sealant. Low odour and solvent free. Very good adhesion on galvanised and stainless steel. Remains permanently flexible. Paintable.

### APPLICATIONS

Sealing of all types of HVAC duct systems including sheet metal, duct board and flexible ducts. Sealing of seams, spigot joints, flange joints and metal fabrications.

### Stock Code

300ml - 5MASDUCT310



## SILIRUB® S

### DESCRIPTION

GENERAL PURPOSE acetoxy sanitary silicone sealant. Mould resistant. Primerless adhesion on many common construction materials (glass, ceramic, porcelain, metals and wood). Resistant to weathering, chemicals and high and low temperatures. S1 FUNGICIDE.

### APPLICATIONS

Sanitary, construction and industrial applications. Sealing in areas prone to high humidity - bathrooms and kitchens. Sealing of all traditional sanitary ware including baths, basins, showers, toilets and glazed tile surrounds.

### Stock Code

310ml Clear - 5MASSANCR

310ml White - 5MASSANWE



# SOUDAL



## GAP FILLER

### DESCRIPTION

POLYURETHANE expanding foam filler. Gap filling formulation with high 3D expansion. Easy to use, one component. Rapid curing. Excellent thermal and acoustic insulation properties. Primerless adhesion on most construction materials. Available in Hand Held.

### APPLICATIONS

General purpose gap filling: pipe penetrations, insulation and roofing materials and general construction.

- Volume yield FEICA TM1003 - 750ml Gun Grade: 34L
- Acoustic rating ISO 717-1: 58 dB
- Thermal conductivity DIN 52612: 37mW/mK
- Application temperatures: +5C to +30C

### Stock Code

750ml Gun Grade - 5FOREFIL

750ml Hand Held - 5FO750

500ml Hand Held - 5FO500



## GUN & FOAM CLEANER

### DESCRIPTION

SOLVENT BASED aerosol spray applied, polyurethane foam cleaner.

### APPLICATIONS

Used for the cleaning of PU Foam applicator guns. Gun applied PU Foam valves and uncured PU Foam, can also be quickly and easily removed with the attachable spray nozzle.

### Stock Code

500ml - 5FOCLN



## SOUDAFOAM FR

### DESCRIPTION

FIRE RATED one component, expanding polyurethane foam filler. Rapid curing. Excellent thermal and acoustic insulation properties. Expands 35-40 times its initial volume. Excellent primerless adhesion on most construction materials. Available in Hand Held, Gun Grade and Click & Fix® versions. Conforms to all international standards including CE marking.

### APPLICATIONS

For use in passive fire protection systems as a large gap filler; installation of fire retardant window and door frames; sealing of expansion and connection joints, penetration seals.

- EN13501-1 – Reaction to fire, class E
- ETAG-026 – Part 1, Part 3
- EN1366-4 – Fire resistance, up to 4 hours depending on joint configuration.
- BS476 part 20 – Fire resistance, up to 4 hours depending on joint configuration.

### Stock Code

750ml Gun Grade - 5FRFOAMGB1

750ml Hand Held - 5FRFOAMB1



## FIRESILICONE B1 FR

### DESCRIPTION

FIRE RATED neutral cure, silicone sealant. Solvent free. Virtually odourless. Primerless adhesion on all common construction materials (glass, plastics, masonry substrates, metals and wood). High movement capability. Resistant to UV, rain, snow, ozone and many chemicals. High and low temperature resistance. Conforms to all international standards including CE marking.

### APPLICATIONS

For use in external and internal passive fire protection systems as an elastic joint sealant; installation of fire retardant window and door frames, fire retardant expansion and connection joints, penetration seals.

- EN13501-1 – Reaction to fire, class E
- ETAG-026 – Part 1, Part 3
- EN1366-4 – Fire resistance, up to 4 hours depending on joint configuration.
- BS476 part 20 – Fire resistance, up to 4 hours depending on joint configuration.

### Stock Code

310ml - 5MASPP

# SOUDAL



## MITRE-KIT

### DESCRIPTION

CYANOACRYLATE based high viscosity adhesive with aerosol activator. Particularly useful for production lines and UPVC window trim. Activator reduces blooming and odour. Fast acting. Curing will occur almost instantly. Easy to use. Non-yellowing.

### APPLICATIONS

Used in the furniture, timber, kitchen and plastics industries where its instant bonding properties dramatically reduce assembly times for mitre joints when compared to conventional wood adhesives. The product is also suitable for instant bonding of MDF, rubber, PVCu, metals and most plastics.

### Stock Code

50g + 200ml - +5ADMATE



## SUPERGLUE MV

### DESCRIPTION

CYANOACRYLATE based adhesive. Super fast curing. For use on non-porous surfaces. High end strength. Fast curing. Medium viscosity. Liquid formulation.

### APPLICATIONS

Fast bonding of non porous surfaces, such as rubber, metals, plastics, glass etc.

### Stock Code

20g - 5ADSG20



## CONTACT ADHESIVE 140 LQ

### DESCRIPTION

LIQUID solvent based neoprene contact adhesive. Ready to use. Fast drying. High adhesive strength. Damp resistant. Easy to apply.

### APPLICATIONS

Bonding of most common materials such as rubber, leather, artificial leather, cork and plastics to several substrates or to themselves. Bonding of synthetic panels and worktops to wood, metal, board etc. Traditional joinery bonding.



### Stock Code

750ml - 5ADC1

5 Litre - 5ADC5



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# SOUDAL



## CONTRACTORS 200 MP

### DESCRIPTION

ACETOXY multi-purpose silicone sealant. Mould resistant. Primerless adhesion on many common construction materials - glass, ceramic, porcelain, metals and wood. Resistant to weathering and high and low temperatures. Contains S1 Fungicide.

### APPLICATIONS

Sanitary and construction applications. Sealing in areas prone to high humidity - bathrooms and kitchens. Sealing of all traditional sanitary ware including baths, basins, showers, toilets and glazed tile surrounds. General maintenance sealing.

### Stock Code

280ml Clear - 5MASSGCR  
280ml White - 5MASSGWE



## CONTRACTORS 500 SB

### DESCRIPTION

SOLVENT BASED gap filling, construction adhesive. Compatible with most building materials, except those sensitive to solvents. Direct application onto one surface. Moisture resistant. Replaces screws and nails.

### APPLICATIONS

Bonding of battens, wooden skirting boards, window sills, plaster and plasterboard. Bonding of carpet grippers, edge strips and stair nosings. Bonding of wall and floorboards, window frames and partitions. Repair of loose tiles.

### Stock Code

280ml - 5ADWEBBGRIP



## CONTRACTORS 600 SF

### DESCRIPTION

SOLVENT FREE gap filling, construction adhesive. Compatible with most building materials, but especially effective on porous surfaces. Direct application onto one surface. Moisture resistant. Replaces screws and nails. Works on materials which are sensitive to solvents e.g. polystyrene. Virtually odorless.

### APPLICATIONS

Bonding of battens, wooden skirting boards, window sills, plaster and plasterboard. Bonding of carpet grippers, edge strips and stair nosings. Bonding of wall and floorboards, window frames and partitions. Repair of loose tiles. Fixing polystyrene and other soft construction materials.

### Stock Code

280ml - 5ADFREE



## PUROCOL EXPRESS

### DESCRIPTION

POLYURETHANE gun applied, thixotropic construction adhesive. Professional quality. Transparent. Extra fast curing. Gap filling characteristics, suitable for uneven surfaces. Waterproof. Conforms to DIN EN 204 grade D4. Solvent free. 5 minute open time.

### APPLICATIONS

Manufacturing of door and window frames that need to meet class D4 according to EN 204. Bonding of wooden construction elements. Bonding of insulation materials (including polystyrene). Can also be used on various porous and non-porous substrates such as concrete, bricks and other common materials in the building industry. General joinery of wooden materials.

### Stock Code

310ml - 5ADPU310



## PRO 300

### DESCRIPTION

PVA based liquid adhesive. Conforms to DIN EN 204 D3. Easy application. Semi-transparent when dry. High bond strength. Resistant to high temperatures. Solvent free.

### APPLICATIONS

Manufacturing of door and window frames that need to meet class D3 according to EN 204. Bonding of wood, board, chipboard, veneer. Mounting of soft wood. Construction bonding such as mortise and tenon joints, punches, etc. General joinery bonding with all types of wood.

- Pressing time - 30 minutes
- Hand tight - 2 to 4 hours

### Stock Code

750ml - 5ADPVA01  
5KG - 5ADPVA05



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# kaiflex<sup>®</sup> ST

Designed to prevent condensation and energy losses

Flexible closed cell rubber insulation, Kaiflex ST Class 0 reliably prevents condensation and reduces energy loss. By incorporating a water vapour barrier into the insulation cell structure Kaiflex ST Class 0 can effectively eliminate water vapour migration and retain outstanding performance over the entire system life.

In addition to preventing condensation and saving energy, Kaiflex ST also performs an acoustic function, absorbing sound and dampening duct wall vibration. With inherent anti-microbial resistance as standard, and a Class 0 fire rated, closed cell rubber that is completely dust and fibre free, Kaiflex ST Class 0 can be used in any kind of public, commercial or industrial building without impacting on health or the quality of air.



## Kaiflex ST tubes (Colour: black · Length: 2 m)

| Copper pipe<br>Cu |                   |                 | Iron & Steel pipe<br>Fe |                 |                 | 9 mm<br>Insulation thickness |               | 13 mm<br>Insulation thickness |               | 19 mm<br>Insulation thickness |               | 25 mm<br>Insulation thickness |               |
|-------------------|-------------------|-----------------|-------------------------|-----------------|-----------------|------------------------------|---------------|-------------------------------|---------------|-------------------------------|---------------|-------------------------------|---------------|
| NB<br>inch        | Nom<br>OD<br>inch | Nom<br>OD<br>mm | NB<br>inch              | Nom<br>OD<br>mm | Min<br>ID<br>mm | Reference                    | m /<br>carton | Reference                     | m /<br>carton | Reference                     | m /<br>carton | Reference                     | m /<br>carton |
|                   | 1/4               | 6               |                         |                 | 7.0             | ST-09x006                    | 360           | ST-13x006                     | 240           | ST-19x006                     | 126           |                               |               |
|                   | 3/8               | 10              |                         |                 | 11.0            | ST-09x010                    | 320           | ST-13x010                     | 190           | ST-19x010                     | 106           |                               |               |
| 3/8               | 1/2               | 12              |                         |                 | 13.0            | ST-09x012                    | 280           | ST-13x012                     | 172           | ST-19x012                     | 100           | ST-25x012                     | 60            |
| 1/2               | 5/8               | 15              |                         |                 | 16.0            | ST-09x015                    | 240           | ST-13x015                     | 154           | ST-19x015                     | 86            | ST-25x015                     | 60            |
| 5/8               | 3/4               |                 |                         |                 | 21.0            | ST-09x020                    | 160           | ST-13x020                     | 120           | ST-19x020                     | 76            | ST-25x020                     | 50            |
| 3/4               | 7/8               | 22              | 1/2                     | 21.3            | 23.0            | ST-09x022                    | 156           | ST-13x022                     | 110           | ST-19x022                     | 74            | ST-25x022                     | 42            |
| 1                 | 1 1/8             | 28              | 3/4                     | 26.9            | 29.0            | ST-09x028                    | 124           | ST-13x028                     | 86            | ST-19x028                     | 58            | ST-25x028                     | 40            |
| 1 1/4             | 1 3/8             | 35              | 1                       | 33.7            | 36.0            | ST-09x035                    | 92            | ST-13x035                     | 76            | ST-19x035                     | 48            | ST-25x035                     | 32            |
| 1 1/2             | 1 5/8             | 42              | 1 1/4                   | 42.4            | 43.5            | ST-09x042                    | 70            | ST-13x042                     | 56            | ST-19x042                     | 40            | ST-25x042                     | 24            |
|                   |                   |                 | 1 1/2                   | 48.3            | 49.5            | ST-09x048                    | 60            | ST-13x048                     | 48            | ST-19x048                     | 30            | ST-25x048                     | 24            |
| 2                 | 2 1/8             | 54              |                         |                 | 55.0            | ST-09x054                    | 60            | ST-13x054                     | 46            | ST-19x054                     | 30            | ST-25x054                     | 22            |
|                   |                   |                 | 2                       | 60.3            | 61.5            | ST-09x060                    | 60            | ST-13x060                     | 40            | ST-19x060                     | 28            | ST-25x060                     | 22            |
| 2 1/2             | 2 5/8             | 67              |                         |                 | 68.5            |                              |               | ST-13x067                     | 40            | ST-19x067                     | 28            | ST-25x067                     | 18            |
| 2 13/16           | 3                 | 76.1            | 2 1/2                   | 76.1            | 77.0            |                              |               | ST-13x076                     | 34            | ST-19x076                     | 28            | ST-25x076                     | 18            |
| 3                 | 3 1/8             | 80              |                         |                 | 81.0            |                              |               | ST-13x080 ◊                   | 30            | ST-19x080 ◊                   | 26            |                               |               |
|                   |                   |                 | 3                       | 88.9            | 90.5            |                              |               | ST-13x089 ◊                   | 30            | ST-19x089 ◊                   | 22            | ST-25x089 ◊                   | 14            |
| 4                 | 4 1/4             | 108             |                         |                 | 109.5           |                              |               | ST-13x108 ◊                   | 28            | ST-19x108 ◊                   | 20            | ST-25x108 ◊                   | 10            |
|                   |                   |                 | 4                       | 114.3           | 116.0           |                              |               | ST-13x114 ◊                   | 28            | ST-19x114 ◊                   | 18            | ST-25x114 ◊                   | 10            |

## Kaiflex ST flat sheet (Colour: black · Length: 2 m · Width: 1 m)

| Insulation<br>thickness<br>mm | Flat sheet wide (2m x 1m) |                            | Flat sheet wide (2m x 1m)<br>with self-adhesive backing |                            |
|-------------------------------|---------------------------|----------------------------|---------------------------------------------------------|----------------------------|
|                               | Reference                 | m <sup>2</sup> /<br>carton | Reference                                               | m <sup>2</sup> /<br>carton |
| 6                             | ST-06-1.0                 | 48                         | ST-06-1.0-A ◊                                           | 48                         |
| 10                            | ST-10-1.0                 | 32                         | ST-10-1.0-A ◊                                           | 32                         |
| 13                            | ST-13-1.0                 | 24                         | ST-13-1.0-A ◊                                           | 24                         |
| 19                            | ST-19-1.0                 | 16                         | ST-19-1.0-A ◊                                           | 16                         |
| 25                            | ST-25-1.0                 | 12                         | ST-25-1.0-A ◊                                           | 12                         |
| 32                            | ST-32-1.0                 | 10                         | ST-32-1.0-A ◊                                           | 10                         |

## Kaiflex ST Class 0 self-adhesive tape (Colour: black)

| Reference | Insulation<br>thickness<br>mm | Width<br>mm | Length<br>m | rolls / carton |
|-----------|-------------------------------|-------------|-------------|----------------|
| ST-TAPE   | 3                             | 50          | 15          | 12             |

- All Kaiflex ST Class 0 tubes are available as slit items. For ordering slit items add -SLIT to the codes above.
- Items marked with ◊ delivery quoted on request.



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# kaiflex<sup>®</sup> ST Selfseal

Designed for quick and easy installation

Kaiflex ST Selfseal, insulation tubes with self-adhesive strips pre-applied, combine outstanding technical values with a streamlined application process that is as easy as peeling a self-adhesive release tape.

Kaiflex ST Selfseal can be installed in a fraction of the time whilst still maintaining the same energy saving performance and inherent resistance to microbial growth as standard Kaiflex ST. With a greatly simplified application procedure Kaiflex ST Selfseal can be installed even in extremely tight areas.



## Kaiflex ST SELFSEAL tubes (Colour: black · Length: 2 m · tube with self-adhesive strips)

| Copper pipe<br>Cu |                   |                 | Iron & Steel pipe<br>Fe |                 |                 | 9 mm<br>Insulation thickness |               | 13 mm<br>Insulation thickness |               | 19 mm<br>Insulation thickness |               | 25 mm<br>Insulation thickness |               |
|-------------------|-------------------|-----------------|-------------------------|-----------------|-----------------|------------------------------|---------------|-------------------------------|---------------|-------------------------------|---------------|-------------------------------|---------------|
| NB<br>inch        | Nom<br>OD<br>inch | Nom<br>OD<br>mm | NB<br>inch              | Nom<br>OD<br>mm | Min<br>ID<br>mm | Reference                    | m /<br>carton | Reference                     | m /<br>carton | Reference                     | m /<br>carton | Reference                     | m /<br>carton |
| 1/2               | 5/8               | 15              |                         |                 | 16.0            | ST-09x015-A                  | 240           | ST-13x015-A                   | 154           | ST-19x015-A                   | 86            | ST-25x015-A ◊                 | 60            |
| 5/8               | 3/4               |                 |                         |                 | 21.0            | ST-09x020-A                  | 160           | ST-13x020-A                   | 120           | ST-19x020-A                   | 76            | ST-25x020-A ◊                 | 50            |
| 3/4               | 7/8               | 22              | 1/2                     | 21.3            | 23.0            | ST-09x022-A                  | 156           | ST-13x022-A                   | 110           | ST-19x022-A                   | 74            | ST-25x022-A ◊                 | 42            |
| 1                 | 1 1/8             | 28              | 3/4                     | 26.9            | 29.0            | ST-09x028-A                  | 124           | ST-13x028-A                   | 86            | ST-19x028-A                   | 58            | ST-25x028-A ◊                 | 40            |
| 1 1/4             | 1 3/8             | 35              | 1                       | 33.7            | 36.0            | ST-09x035-A                  | 92            | ST-13x035-A                   | 76            | ST-19x035-A                   | 48            | ST-25x035-A ◊                 | 32            |
| 1 1/2             | 1 5/8             | 42              | 1 1/4                   | 42.4            | 43.5            | ST-09x042-A                  | 70            | ST-13x042-A                   | 56            | ST-19x042-A                   | 40            | ST-25x042-A ◊                 | 24            |
|                   |                   |                 | 1 1/2                   | 48.3            | 49.5            | ST-09x048-A                  | 60            | ST-13x048-A                   | 48            | ST-19x048-A                   | 30            | ST-25x048-A ◊                 | 24            |
| 2                 | 2 1/8             | 54              |                         |                 | 55.0            | ST-09x054-A                  | 60            | ST-13x054-A                   | 46            | ST-19x054-A                   | 30            | ST-25x054-A ◊                 | 22            |
|                   |                   |                 | 2                       | 60.3            | 61.5            | ST-09x060-A                  | 60            | ST-13x060-A                   | 40            | ST-19x060-A                   | 28            | ST-25x060-A ◊                 | 22            |
| 2 1/2             | 2 5/8             | 67              |                         |                 | 68.5            |                              |               | ST-13x067-A                   | 40            | ST-19x067-A                   | 28            | ST-25x067-A ◊                 | 18            |
| 2 13/16           | 3                 | 76.1            | 2 1/2                   | 76.1            | 77.0            |                              |               | ST-13x076-A                   | 34            | ST-19x076-A                   | 28            | ST-25x076-A ◊                 | 18            |
|                   |                   |                 | 3                       | 88.9            | 90.5            |                              |               | ST-13x089-A                   | 30            | ST-19x089-A                   | 22            | ST-25x089-A ◊                 | 14            |

• Items marked with ◊ delivery quoted on request.

## Kaiflex ST / Kaiflex ST SELFSEAL technical data

|                                 |                              |                                                           |                                    |
|---------------------------------|------------------------------|-----------------------------------------------------------|------------------------------------|
| <b>Material</b>                 |                              | NBR Foam                                                  |                                    |
| <b>Upper Temperature Limit</b>  | Pipe                         | 110 °C                                                    |                                    |
|                                 | Flat Surfaces                | 85 °C                                                     |                                    |
| <b>Lower Temperature Limit</b>  |                              | -50 °C (-200 °C)                                          | see Remark (1)                     |
|                                 | at 0 °C                      | ≤ 0.034 W/(m·K)                                           |                                    |
|                                 | at 20 °C                     | ≤ 0.036 W/(m·K)                                           |                                    |
|                                 | at 40 °C                     | ≤ 0.038 W/(m·K)                                           |                                    |
| <b>Water Vapour Resistance</b>  | Moisture Resistance Factor μ | ≥ 10000                                                   | Test acc. to<br>EN 13469, EN 12086 |
|                                 |                              | No separate vapour barrier required                       |                                    |
| <b>EuroClass</b>                |                              | Tube: B <sub>L</sub> -s3,d0 - Sheet: B-s3,d0              | Test acc. to EN 13501-1            |
| <b>Practical Fire Behaviour</b> |                              | Self-extinguishing, does not drip, does not spread flames |                                    |
| <b>Fire Performance</b>         |                              | Class 0                                                   | see Remark (2)                     |
| <b>Surface Spread of Flame</b>  |                              | Class 1                                                   | Test acc. to BS 476-7              |
| <b>Fire Propagation</b>         | Total Index of Performance   | < 12                                                      | Test acc. to BS 476-6              |
|                                 | Sub Index 1                  | < 6                                                       |                                    |
| <b>Resistance to</b>            | Mould and bacteria           | no growth                                                 | In acc. with VDI 6022              |
|                                 | pH-Value                     | Neutral                                                   |                                    |
| <b>Shelf Life</b>               | Self-adhesive products       | 1 year                                                    | see Remark (3)                     |
| <b>Outdoor Applications</b>     |                              | Needs protection against UV-radiation                     | see Remark (4)                     |

Remark (1):  
For temperatures between  
- 50°C and - 200°C please  
contact our technical service  
team for advice.

Remark (2):  
Test results for surface  
spread of flame and fire  
propagation meets Class 0  
fire performance as defined  
in UK building regulations

Remark (3):  
Store in a dry room at a  
typical relative humidity  
(between 50% and 70%) and  
room temperature (between  
0 °C and 35 °C).

Remark (4):  
To protect against UV-in-  
duced deterioration Kaiflex  
should be either painted  
using Kaiflex paint or  
covered with a suitable UV  
resistant cladding system  
within 3 days of being  
installed outdoors.



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# Kaifoam<sup>®</sup> PE

Saves energy and offsets pipe freezing in domestic applications.

Silver-grey polyethylene pipe insulation for domestic heating, hot and cold water systems, Kaiflex PE exhibits stable thermal properties which save energy and offset pipe freezing over the entire life of a domestic heating system.

Kaiflex PE is easily applied with the semi-flexible tubes supplied pre-slit and simply pushed around the pipe. The closed cell polyethylene structure of Kaiflex PE is dust and fibre free, highly stable, non-brittle and non-reactive making it suitable for use on all domestic pipework.



## Kaifoam PE tubes (Colour: silver grey · Length: 2 m)

| Copper pipe<br>Cu |                   |                 | Iron & Steel pipe<br>Fe |                 |                 | 9 mm<br>Insulation thickness |               | 13 mm<br>Insulation thickness |               | 20 mm<br>Insulation thickness |     | 25 mm<br>Insulation thickness |    |
|-------------------|-------------------|-----------------|-------------------------|-----------------|-----------------|------------------------------|---------------|-------------------------------|---------------|-------------------------------|-----|-------------------------------|----|
| NB<br>inch        | Nom<br>OD<br>inch | Nom<br>OD<br>mm | NB<br>inch              | Nom<br>OD<br>mm | Min<br>ID<br>mm | Reference                    | m /<br>carton | Reference                     | m /<br>carton |                               |     |                               |    |
|                   | 3/8               | 10              |                         |                 | 11.0            | PE-09x10                     | 520           |                               |               |                               |     |                               |    |
| 3/8               | 1/2               | 12              |                         |                 | 13.0            | PE-09x12                     | 456           | PE-13x12                      | 300           |                               |     |                               |    |
| 1/2               | 5/8               | 15              |                         |                 | 16.0            | PE-09x15                     | 380           | PE-13x15                      | 256           | PE-20x15                      | 134 | PE-25x15                      | 90 |
| 3/4               | 7/8               | 22              | 1/2                     | 21.3            | 23.0            | PE-09x22                     | 250           | PE-13x22                      | 180           | PE-20x22                      | 108 | PE-25x22                      | 70 |
| 1                 | 1 1/8             | 28              | 3/4                     | 26.9            | 29.0            | PE-09x28                     | 190           | PE-13x28                      | 140           | PE-20x28                      | 96  | PE-25x28                      | 66 |
| 1 1/4             | 1 3/8             | 35              | 1                       | 33.7            | 36.0            | PE-09x35                     | 150           | PE-13x35                      | 120           | PE-20x35                      | 70  | PE-25x35                      | 56 |
| 1 1/2             | 1 5/8             | 42              | 1 1/4                   | 42.4            | 43.5            | PE-09x42                     | 110           | PE-13x42                      | 90            | PE-20x42                      | 60  | PE-25x42                      | 48 |
|                   |                   |                 | 1 1/2                   | 48.3            | 49.5            | PE-09x48                     | 90            | PE-13x48                      | 70            | PE-20x48                      | 48  | PE-25x48                      | 40 |
| 2                 | 2 1/8             | 54              |                         |                 | 55.0            | PE-09x54                     | 70            | PE-13x54                      | 66            | PE-20x54                      | 48  |                               |    |
|                   |                   |                 | 2                       | 60.3            | 61.5            | PE-09x60                     | 66            | PE-13x60                      | 48            | PE-20x60                      | 40  |                               |    |
| 2 13/16           | 3                 | 76.1            | 2 1/2                   | 76.1            | 77.0            |                              |               | PE-13x76                      | 40            | PE-20x76                      | 26  |                               |    |

100  
150  
225

## Kaifoam PE accessories

| Self-adhesive Tape |                                                              |          |  | Clips    |              |                       |
|--------------------|--------------------------------------------------------------|----------|--|----------|--------------|-----------------------|
| PE-TAPE-50         | Thickness: 3 mm · Width: 50 mm · Length: 10 m · Colour: Grey | 10 rolls |  | PE-CLIPS | Colour: Grey | 25 bags = 2,500 clips |

- All 9 mm and 13 mm tubes are semi-slit
- 20x15, 20x22, 20x28, 25x15, 25x22, 25x28 are slit

## Kaifoam PE technical data

|                                 |                        |                                                   |                                           |
|---------------------------------|------------------------|---------------------------------------------------|-------------------------------------------|
| Cell Structure                  |                        | Closed Cell                                       |                                           |
| Upper Temperature Limit         | Tubes                  | 100 °C                                            |                                           |
|                                 | PE strips              | 85 °C                                             |                                           |
| Lower Temperature Limit         |                        | As typical for Heating and Plumbing installations |                                           |
| Thermal Conductivity at + 40 °C |                        | ≤ 0.040 W/(m·K)                                   | Test acc. to EN ISO 8497                  |
| EuroClass                       |                        | E                                                 | Test acc. to EN 13501-1<br>see Remark (1) |
| Shelf life                      | Self-adhesive products | 1 year                                            | see Remark (2)                            |

Remark (1): The Euroclass rating applies to metallic or solid mineral substrates.

Remark (2): Store in a dry room at a typical relative humidity (between 50% and 70%) and room temperature (between 0 °C and 35 °C).



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# kaiflex<sup>®</sup> ST Selfseal

Designed for quick and easy installation.

## Kaiflex STplus Selfseal 1.2m tubes

Colour: black · Length: 1.2 m



| Copper pipe<br>Cu |                   |                 | Iron & Steel pipe<br>Fe |                 | 9 mm<br>Insulation thickness |           |               |                    | 13 mm<br>Insulation thickness |           |               |                    |
|-------------------|-------------------|-----------------|-------------------------|-----------------|------------------------------|-----------|---------------|--------------------|-------------------------------|-----------|---------------|--------------------|
| NB<br>inch        | Nom<br>OD<br>inch | Nom<br>OD<br>mm | NB<br>inch              | Nom<br>OD<br>mm | Reference                    | Order No. | m /<br>carton | Length /<br>carton | Reference                     | Order No. | m /<br>carton | Length /<br>carton |
| 1/2               | 5/8               | 15              |                         |                 | ST-09x015-1,2-A              | 51109015  | 158.4         | 132                | ST-13x015-1,2-A               | 51113015  | 108.0         | 90                 |
| 3/4               | 7/8               | 22              | 1/2                     | 21.3            | ST-09x022-1,2-A              | 51109022  | 112.8         | 94                 | ST-13x022-1,2-A               | 51113022  | 80.4          | 67                 |
| 1                 | 1 1/8             | 28              | 3/4                     | 26.9            | ST-09x028-1,2-A              | 51109028  | 90.0          | 75                 | ST-13x028-1,2-A               | 51113028  | 62.4          | 52                 |
| 1 1/4             | 1 3/8             | 35              | 1                       | 33.7            | ST-09x035-1,2-A              | 51109035  | 69.6          | 58                 | ST-13x035-1,2-A               | 51113035  | 50.4          | 42                 |
| 1 1/2             | 1 5/8             | 42              | 1 1/4                   | 42.4            | ST-09x042-1,2-A              | 51109042  | 57.6          | 48                 | ST-13x042-1,2-A               | 51113042  | 42.0          | 35                 |
|                   |                   |                 | 1 1/2                   | 48.3            | ST-09x048-1,2-A              | 51109048  | 50.4          | 42                 | ST-13x048-1,2-A               | 51113048  | 38.4          | 32                 |
| 2                 | 2 1/8             | 54              |                         |                 | ST-09x054-1,2-A              | 51109054  | 45.6          | 38                 | ST-13x054-1,2-A               | 51113054  | 36.0          | 30                 |
|                   |                   |                 | 2                       | 60.3            | ST-09x060-1,2-A              | 51109060  | 43.2          | 36                 | ST-13x060-1,2-A               | 51113060  | 28.8          | 24                 |
| 2 13/16           | 3                 | 76.1            | 2 1/2                   | 76.1            |                              |           |               |                    | ST-13x076-1,2-A               | 51113076  | 27.6          | 23                 |
|                   |                   |                 | 3                       | 88.9            |                              |           |               |                    | ST-13x089-1,2-A               | 51113089  | 24.0          | 20                 |

| Copper pipe<br>Cu |                   |                 | Iron & Steel pipe<br>Fe |                 | 19 mm<br>Insulation thickness |           |               |                    | 25 mm<br>Insulation thickness |           |               |                    |
|-------------------|-------------------|-----------------|-------------------------|-----------------|-------------------------------|-----------|---------------|--------------------|-------------------------------|-----------|---------------|--------------------|
| NB<br>inch        | Nom<br>OD<br>inch | Nom<br>OD<br>mm | NB<br>inch              | Nom<br>OD<br>mm | Reference                     | Order No. | m /<br>carton | Length /<br>carton | Reference                     | Order No. | m /<br>carton | Length /<br>carton |
| 1/2               | 5/8               | 15              |                         |                 | ST-19x015-1,2-A               | 51119015  | 67.2          | 56                 |                               |           |               |                    |
| 3/4               | 7/8               | 22              | 1/2                     | 21.3            | ST-19x022-1,2-A               | 51119022  | 49.2          | 41                 | ST-25x022-1,2-A               | 51125022  | 30.0          | 25                 |
| 1                 | 1 1/8             | 28              | 3/4                     | 26.9            | ST-19x028-1,2-A               | 51119028  | 39.6          | 33                 | ST-25x028-1,2-A               | 51125028  | 24.0          | 20                 |
| 1 1/4             | 1 3/8             | 35              | 1                       | 33.7            | ST-19x035-1,2-A               | 51119035  | 34.8          | 29                 | ST-25x035-1,2-A               | 51125035  | 21.6          | 18                 |
| 1 1/2             | 1 5/8             | 42              | 1 1/4                   | 42.4            | ST-19x042-1,2-A               | 51119042  | 28.8          | 24                 | ST-25x042-1,2-A               | 51125042  | 19.2          | 16                 |
|                   |                   |                 | 1 1/2                   | 48.3            | ST-19x048-1,2-A               | 51119048  | 27.6          | 23                 | ST-25x048-1,2-A               | 51125048  | 16.8          | 14                 |
| 2                 | 2 1/8             | 54              |                         |                 | ST-19x054-1,2-A               | 51119054  | 21.6          | 18                 | ST-25x054-1,2-A               | 51125054  | 16.8          | 14                 |
|                   |                   |                 | 2                       | 60.3            | ST-19x060-1,2-A               | 51119060  | 21.6          | 18                 | ST-25x060-1,2-A               | 51125060  | 15.6          | 13                 |
| 2 13/16           | 3                 | 76.1            | 2 1/2                   | 76.1            | ST-19x076-1,2-A               | 51119076  | 16.8          | 14                 | ST-25x076-1,2-A               | 51125076  | 12.0          | 10                 |
|                   |                   |                 | 3                       | 88.9            | ST-19x089-1,2-A               | 51119089  | 16.8          | 14                 | ST-25x089-1,2-A               | 51125089  | 9.6           | 8                  |

• Delivery quoted on request.



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## Decking Fixings

Lindapter's range of fixings for connecting composite steel floor decking brings a wide range of benefits to both the specifier and installer alike. Designed in conjunction with major decking manufacturers to fulfil specific customer requirements, the advantages of using these mechanical methods of fixings against alternative methods include:

- ✓ Reduced installation time
- ✓ No specialist tools required
- ✓ Adjustable and removable
- ✓ No risk of delamination
- ✓ No power required on site
- ✓ Structural integrity of decking maintained



### Type AW - Alphawedge

Designed for Ribdeck® E60 profiles manufactured by Hare Decking (formerly Richard Lees®).

| Product Code | Rod Size | SWL Tensile / 1 Rod* kN | Tightening Torque Nm |
|--------------|----------|-------------------------|----------------------|
| AW06         | M6       | 1.0                     | 10                   |
| AW08         | M8       | 1.0                     | 10                   |
| AW10         | M10      | 1.0                     | 10                   |

\* 3:1 Factor of Safety



### Type SD2 - Slimdek 2

Designed for ComFlor® 225 profiles manufactured by Tata Steel® Europe, the Type SD2 offers a fully flexible suspension position.

| Product Code | Rod Size | SWL Tensile / 1 Rod* kN | Tightening Torque Nm |
|--------------|----------|-------------------------|----------------------|
| SD210        | M10      | 1.0                     | 12                   |

\* 3:1 Factor of Safety

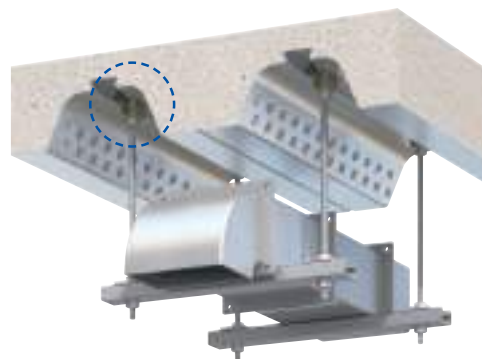
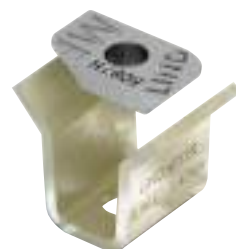


### Type MF

Specifically developed for use with MetFloor® 60 and MetFloor® 80 profiles manufactured by Composite Metal Flooring (CMF®).

| Product Code | Rod Size | SWL Tensile / 1 Rod* kN | Tightening Torque Nm |
|--------------|----------|-------------------------|----------------------|
| MF06         | M6       | 1.47                    | 10                   |
| MF08         | M8       | 1.47                    | 10                   |
| MF10         | M10      | 1.47                    | 10                   |

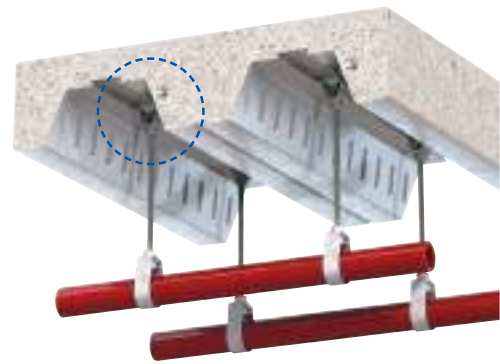
\* 3:1 Factor of Safety



**Notes:** Install the decking fixings after the concrete has been poured and has reached full strength. If the decking profile is deformed or distorted, do not install the fixing. If in doubt, contact Lindapter's Technical Support team for advice by emailing [support@Lindapter.com](mailto:support@Lindapter.com) or calling +44 (0) 1274 521444.

### Type MW2 - Multiwedge 2

Designed for the Multideck® 60 and Multideck® 80 profiles manufactured by Kingspan® Structural Products.

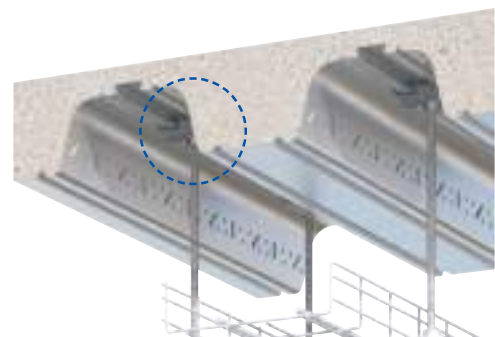


| Product Code | Rod Size | SWL Tensile / 1 Rod*<br>kN | Tightening Torque<br>Nm |
|--------------|----------|----------------------------|-------------------------|
| MW06         | M6       | 1.47                       | 10                      |
| MW08         | M8       | 1.47                       | 10                      |
| MW10         | M10      | 1.47                       | 10                      |

\* 3:1 Factor of Safety

### Type TR60

Designed for the TR60+ and TR80+ profiles manufactured by Structural Metal Decks (SMD).

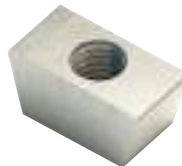


| Product Code | Rod Size | SWL Tensile / 1 Rod*<br>kN | Tightening Torque<br>Nm |
|--------------|----------|----------------------------|-------------------------|
| TR6006       | M6       | 1.0                        | 10                      |
| TR6008       | M8       | 1.0                        | 10                      |
| TR6010       | M10      | 1.0                        | 10                      |

\* 3:1 Factor of Safety

### Type VN

Fits inside the re-entrant channel of several composite floor decking profiles including R51, Comflor® 51, Holorib®, Superib®, Multideck® 50 and MetFloor® 55.

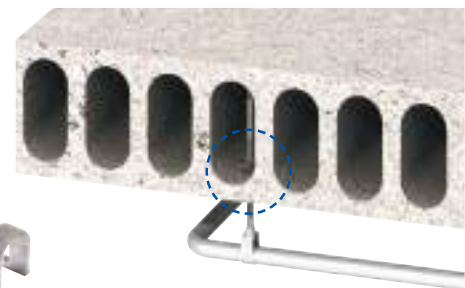


| Product Code | Rod Size | SWL Tensile / 1 Rod*<br>kN | Tightening Torque<br>Nm |
|--------------|----------|----------------------------|-------------------------|
| VN10         | M10      | 2.1                        | 10                      |

\* 4:1 Factor of Safety

### Type TC - Toggle Clamp

Designed for service suspension from pre-cast hollow core slabs (minimum core depth 75mm) as well as SHS, steel sheeting or purlins.



| Product Code | Rod Size | Hole Ø<br>mm | SWL Tensile / 1 Rod*<br>kN | Tightening Torque<br>Nm |
|--------------|----------|--------------|----------------------------|-------------------------|
| TC08         | M8       | 22           | 2.45                       | 10                      |
| TC10         | M10      | 25           | 2.45                       | 10                      |

\* 4:1 Factor of Safety

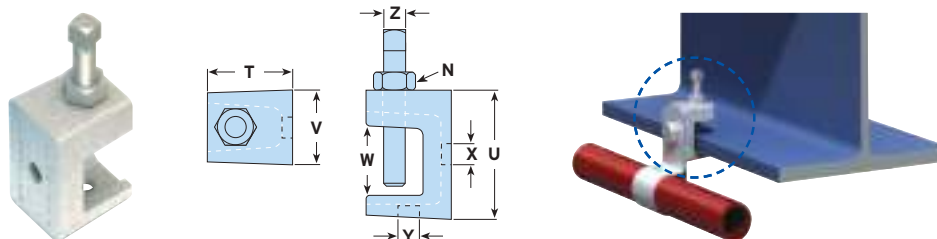
**Notes:** Install the decking fixings after the concrete has been poured and has reached full strength. If the decking profile is deformed or distorted, do not install the fixing. If in doubt, contact Lindapter's Technical Support team for advice by emailing [support@Lindapter.com](mailto:support@Lindapter.com) or calling +44 (0) 1274 521444.

## Support Fixings

Easy-to-install, adjustable connections for suspending building services from structural or secondary beams. Typical applications include supporting HVAC equipment, pipe work, fire protection and sprinkler systems.

### Type LC - Lindiclip

A flange clamp for parallel or tapered flanges with tapped holes to accept threaded rod or cable clips. Supplied with a high tensile cup point setscrew.

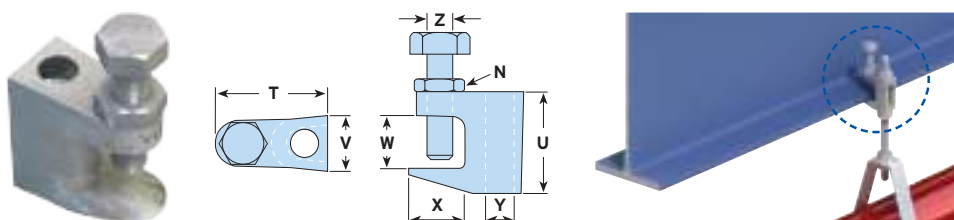


| Product Code | Thread |    | Safe Working Load*       |                          | Clamping Range W mm | Setscrew Z | Tightening Torque |              | Dimensions |      |            |
|--------------|--------|----|--------------------------|--------------------------|---------------------|------------|-------------------|--------------|------------|------|------------|
|              | X      | Y  | Tensile in Position X kN | Tensile in Position Y kN |                     |            | Setscrew Z Nm     | Locknut N Nm | T mm       | U mm | Width V mm |
| LC06         | M6     | M6 | 0.18                     | 0.59                     | 3 - 20              | M6         | 4                 | 4            | 25         | 36   | 21         |
| LC08         | M8     | M8 | 0.18                     | 0.59                     | 3 - 20              | M6         | 4                 | 4            | 25         | 36   | 21         |

\* 4:1 Factor of Safety

### Type FL

FM and VdS approved flange clamp for use with parallel or tapered flange beams, supplied with the rear hole drilled or tapped.



| Product Code |        | Clear Hole Ø | Tapped Thread | SWL* Tensile kN | Clamping Range W mm | Setscrew Z | Tightening Torque |              | Dimensions |      |      |            |
|--------------|--------|--------------|---------------|-----------------|---------------------|------------|-------------------|--------------|------------|------|------|------------|
| Clear        | Tapped |              |               |                 |                     |            | Setscrew Z Nm     | Locknut N Nm | T mm       | U mm | X mm | Width V mm |
| FL106D       | FL106T | 7            | M6            | 1.1             | 3 - 17              | M8         | 8                 | 11           | 36         | 35   | 20   | 19         |
| FL108D       | FL108T | 9            | M8            | 1.1             | 3 - 17              | M8         | 8                 | 11           | 36         | 35   | 20   | 19         |
| FL210D       | FL210T | 11           | M10           | 2.4             | 3 - 19              | M10        | 8                 | 22           | 45         | 40   | 22   | 22         |
| FL312D       | FL312T | 13           | M12           | 3.1             | 3 - 23              | M10        | 8                 | 22           | 50         | 46   | 28   | 25         |
| FL412D       | FL410T | 13           | M10           | 3.1             | 3 - 28              | M10        | 8                 | 22           | 53         | 51   | 27   | 26         |

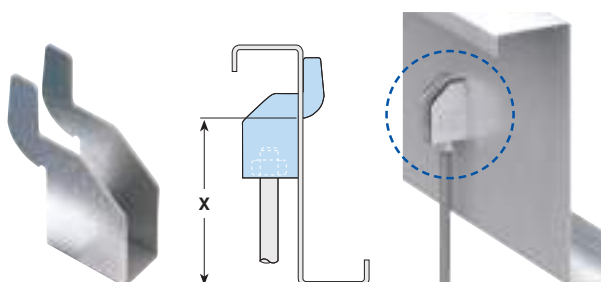
\* 4:1 Factor of Safety

### Type WF

Webfix allows a quick installation directly from the web of Zed purlins.

| Product Code | Rod | SWL*       |                          | Hole Ø | Max Distance X at Angle of |        |        |
|--------------|-----|------------|--------------------------|--------|----------------------------|--------|--------|
|              |     | Tensile kN | Max. Purlin Thickness mm |        | 10° mm                     | 20° mm | 30° mm |
| WF10         | M10 | 1.0        | 4                        | 18     | 103                        | 94     | 74     |

\* 5:1 Factor of Safety



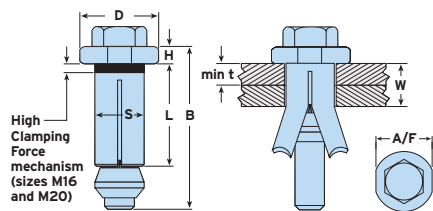
## Hollo-Bolt®

Lindapter's CE approved Hollo-Bolt requires access to one side of Structural Hollow Section (SHS), and offers a faster, more efficient alternative to welding or through-bolting. It is independently approved for primary structural connections and for use in resisting wind and seismic loads.

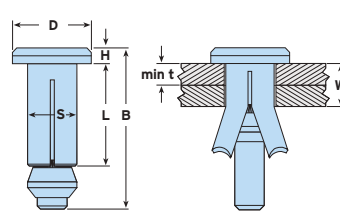
- ✓ Fast, cost saving installation from one side
- ✓ For square, rectangular and circular SHS
- ✓ High resistance to shear and tension
- ✓ High Clamping Force design (M16 - M20)
- ✓ Different head types for architectural finishes
- ✓ CE Mark, DIBt, TÜV and ICC-ES Seismic approvals



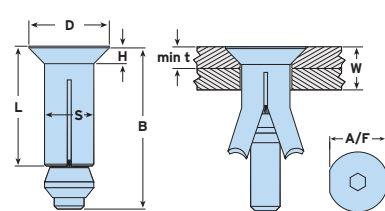
### 1) Hollo-Bolt Hexagonal



### 2) Hollo-Bolt Countersunk



### 3) Hollo-Bolt Flush Fit



| 1) Hollo-Bolt Hexagonal |                        | 2) Hollo-Bolt Countersunk |                        | Clamping Thickness<br>W<br>mm | Outer Ply<br>min t<br>mm | Sleeve            |                    | Collar            |              |           | Torque<br>Nm | SWL (5:1 FOS) |                    |
|-------------------------|------------------------|---------------------------|------------------------|-------------------------------|--------------------------|-------------------|--------------------|-------------------|--------------|-----------|--------------|---------------|--------------------|
| Product Code            | Bolt Length<br>B<br>mm | Product Code              | Bolt Length<br>B<br>mm |                               |                          | Length<br>L<br>mm | Outer Ø<br>S<br>mm | Height<br>H<br>mm | Ø<br>D<br>mm | A/F<br>mm |              | Tensile<br>kN | Single Shear<br>kN |
| HB08-1                  | M8 x 50                | HBCSK08-1                 | M8 x 50                | 3 - 22                        | -                        | 30                | 13.75              | 5                 | 22           | 19        | 23           | 4.0           | 5.0                |
| HB08-2                  | M8 x 70                | HBCSK08-2                 | M8 x 70                | 22 - 41                       | -                        | 49                | 13.75              | 5                 | 22           | 19        | 23           | 4.0           | 5.0                |
| HB08-3                  | M8 x 90                | HBCSK08-3                 | M8 x 90                | 41 - 60                       | -                        | 68                | 13.75              | 5                 | 22           | 19        | 23           | 4.0           | 5.0                |
| HB10-1                  | M10 x 55               | HBCSK10-1                 | M10 x 50               | 3 - 22                        | -                        | 30                | 17.75              | 6                 | 29           | 24        | 45           | 8.5           | 10.0               |
| HB10-2                  | M10 x 70               | HBCSK10-2                 | M10 x 70               | 22 - 41                       | -                        | 48                | 17.75              | 6                 | 29           | 24        | 45           | 8.5           | 10.0               |
| HB10-3                  | M10 x 90               | HBCSK10-3                 | M10 x 90               | 41 - 60                       | -                        | 67                | 17.75              | 6                 | 29           | 24        | 45           | 8.5           | 10.0               |
| HB12-1                  | M12 x 60               | HBCSK12-1                 | M12 x 55               | 3 - 25                        | -                        | 35                | 19.75              | 7                 | 32           | 30        | 80           | 10.5          | 15.0               |
| HB12-2                  | M12 x 80               | HBCSK12-2                 | M12 x 80               | 25 - 47                       | -                        | 57                | 19.75              | 7                 | 32           | 30        | 80           | 10.5          | 15.0               |
| HB12-3                  | M12 x 100              | HBCSK12-3                 | M12 x 100              | 47 - 69                       | -                        | 79                | 19.75              | 7                 | 32           | 30        | 80           | 10.5          | 15.0               |
| HB16-1                  | M16 x 75               | HBCSK16-1                 | M16 x 70               | 12 - 29                       | 8                        | 41.5              | 25.75              | 8                 | 38           | 36        | 190          | 21.0          | 30.0               |
| HB16-2                  | M16 x 100              | HBCSK16-2                 | M16 x 100              | 29 - 50                       | 8                        | 63                | 25.75              | 8                 | 38           | 36        | 190          | 21.0          | 30.0               |
| HB16-3                  | M16 x 120              | HBCSK16-3                 | M16 x 120              | 50 - 71                       | 8                        | 84                | 25.75              | 8                 | 38           | 36        | 190          | 21.0          | 30.0               |
| HB20-1                  | M20 x 90               | -                         | -                      | 12 - 34                       | 8                        | 50                | 32.75              | 10                | 51           | 46        | 300          | 35.0          | 40.0               |
| HB20-2                  | M20 x 120              | -                         | -                      | 34 - 60                       | 8                        | 76                | 32.75              | 10                | 51           | 46        | 300          | 35.0          | 40.0               |
| HB20-3                  | M20 x 150              | -                         | -                      | 60 - 86                       | 8                        | 102               | 32.75              | 10                | 51           | 46        | 300          | 35.0          | 40.0               |

| 3) Hollo-Bolt Flush Fit |                        | Clamping Thickness<br>W<br>mm | Outer Ply<br>min t<br>mm | Sleeve            |                    | Height<br>H<br>mm | Collar       |                               | Torque<br>Nm | SWL (5:1 FOS) |                    |
|-------------------------|------------------------|-------------------------------|--------------------------|-------------------|--------------------|-------------------|--------------|-------------------------------|--------------|---------------|--------------------|
| Product Code            | Bolt Length<br>B<br>mm |                               |                          | Length<br>L<br>mm | Outer Ø<br>S<br>mm |                   | Ø<br>D<br>mm | Installation Nut<br>A/F<br>mm |              | Tensile<br>kN | Single Shear<br>kN |
| HBFF08-1                | M8 x 50                | 10 - 27                       | 8                        | 35                | 13.75              | 5                 | 24           | 19                            | 23           | 4.0           | 5.0                |
| HBFF08-2                | M8 x 70                | 27 - 45                       | 8                        | 54                | 13.75              | 5                 | 24           | 19                            | 23           | 4.0           | 5.0                |
| HBFF08-3                | M8 x 90                | 45 - 64                       | 8                        | 73                | 13.75              | 5                 | 24           | 19                            | 23           | 4.0           | 5.0                |
| HBFF10-1                | M10 x 50               | 12 - 27                       | 10                       | 36                | 17.75              | 6                 | 30           | 24                            | 45           | 8.5           | 10.0               |
| HBFF10-2                | M10 x 70               | 27 - 45                       | 10                       | 54                | 17.75              | 6                 | 30           | 24                            | 45           | 8.5           | 10.0               |
| HBFF10-3                | M10 x 90               | 45 - 64                       | 10                       | 73                | 17.75              | 6                 | 30           | 24                            | 45           | 8.5           | 10.0               |
| HBFF12-1                | M12 x 55               | 12 - 30                       | 10                       | 42                | 19.75              | 7                 | 33           | 30                            | 80           | 10.5          | 15.0               |
| HBFF12-2                | M12 x 80               | 30 - 52                       | 10                       | 64                | 19.75              | 7                 | 33           | 30                            | 80           | 10.5          | 15.0               |
| HBFF12-3                | M12 x 100              | 52 - 74                       | 10                       | 86                | 19.75              | 7                 | 33           | 30                            | 80           | 10.5          | 15.0               |

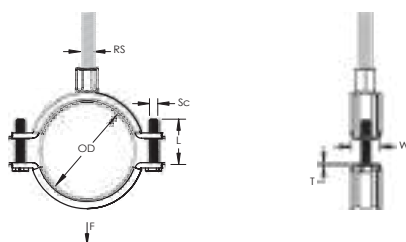
Sizes M16 and M20, known as the Hollo-Bolt (HCF), feature a High Clamping Force mechanism to produce three times more clamping force than the same sized product without the mechanism. Visit [www.Hollo-Bolt.com](http://www.Hollo-Bolt.com) to see the significance of clamping force and the superior performance of this product.



## CADDY MACROFIX Insulated M8/M10



- Return-lip on the hanger prevents the rubber from detaching, eliminating rework during installation
- Plastic washer prevents screws from falling out during installation
- Combo head bolt works with slotted, hex, or Phillips drivers
- Longer ears position the screw farther from the hanger, improving tool clearance when the screw is driven down
- Combination nut can be attached to M8 or M10 threaded rod, simplifying material handling
- Screw length has been optimized to accommodate an increased pipe range, reducing inventory
- Category II noise reduction according to DIN EN ISO 3822-1
- Compliant for sound insulation design according to DIN 4109
- Reaction-to-fire classification is "E" in compliance with DIN EN 13501-1:2010-01



Material: EPDM-SBR Rubber, Steel  
 Finish: Electrogalvanized  
 Color: Black  
 Temperature: -50 to 110 °C



| Part Number | Article Number | Outer Diameter OD | Pipe Size | NB/DN | Rod Size RS | Width W | Thickness T | Screw Diameter Sc | Screw Length L | Static Load F |
|-------------|----------------|-------------------|-----------|-------|-------------|---------|-------------|-------------------|----------------|---------------|
| MFD015      | 586001         | 11 – 15 mm        | 1/4"      | 8     | M8, M10     | 20 mm   | 1.00 mm     | M6                | 17 mm          | 1,000 N       |
| MFD019      | 586002         | 15 – 19 mm        | 3/8"      | 10    | M8, M10     | 20 mm   | 1.00 mm     | M6                | 17 mm          | 1,000 N       |
| MFD025      | 586003         | 19 – 25 mm        | 1/2"      | 15    | M8, M10     | 20 mm   | 1.00 mm     | M6                | 22 mm          | 1,000 N       |
| MFD031      | 586004         | 25 – 31 mm        | 3/4"      | 20    | M8, M10     | 20 mm   | 1.00 mm     | M6                | 22 mm          | 1,000 N       |
| MFD037      | 586005         | 31 – 37 mm        | 1"        | 25    | M8, M10     | 20 mm   | 1.00 mm     | M6                | 22 mm          | 1,000 N       |
| MFD044      | 586006         | 37 – 44 mm        | 1 1/4"    | 32    | M8, M10     | 20 mm   | 1.00 mm     | M6                | 27 mm          | 1,000 N       |
| MFD050      | 586007         | 44 – 50 mm        | 1 1/2"    | 40    | M8, M10     | 20 mm   | 1.25 mm     | M6                | 27 mm          | 1,500 N       |
| MFD058      | 586008         | 50 – 58 mm        | –         | –     | M8, M10     | 20 mm   | 1.25 mm     | M6                | 27 mm          | 1,500 N       |
| MFD068      | 586009         | 58 – 68 mm        | 2"        | 50    | M8, M10     | 20 mm   | 1.25 mm     | M6                | 32 mm          | 1,500 N       |
| MFD078      | 586010         | 68 – 78 mm        | 2 1/2"    | 65    | M8, M10     | 23 mm   | 1.50 mm     | M6                | 32 mm          | 2,000 N       |
| MFD088      | 586011         | 78 – 88 mm        | –         | –     | M8, M10     | 23 mm   | 1.50 mm     | M6                | 32 mm          | 2,000 N       |
| MFD098      | 586012         | 88 – 98 mm        | 3"        | 80    | M8, M10     | 23 mm   | 1.75 mm     | M6                | 37 mm          | 2,500 N       |
| MFD108      | 586013         | 98 – 108 mm       | 3 1/2"    | 90    | M8, M10     | 23 mm   | 1.75 mm     | M6                | 37 mm          | 2,500 N       |
| MFD118      | 586014         | 108 – 118 mm      | 4"        | 100   | M8, M10     | 23 mm   | 1.75 mm     | M6                | 37 mm          | 2,500 N       |
| MFD128      | 586015         | 118 – 128 mm      | –         | –     | M8, M10     | 23 mm   | 2.00 mm     | M6                | 37 mm          | 3,000 N       |
| MFD138      | 586016         | 128 – 138 mm      | –         | –     | M8, M10     | 23 mm   | 2.00 mm     | M6                | 37 mm          | 3,000 N       |



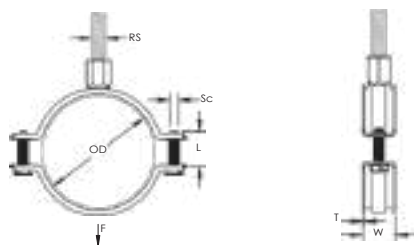
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## CADDY MACROFIX Non-Insulated M8/M10



- Plastic washer prevents screws from falling out during installation
- Combo head bolt works with slotted, hex, or Phillips drivers
- Longer ears position the screw farther from the hanger, improving tool clearance when the screw is driven down
- Combination nut can be attached to M8 or M10 threaded rod, simplifying material handling
- Screw length has been optimized to accommodate an increased pipe range, reducing inventory



Material: Steel

Finish: Electrogalvanized

Temperature: -50 to 110 °C



| Part Number | Article Number | Outer Diameter OD | Pipe Size | NB/DN | Rod Size RS | Width W | Thickness T | Screw Diameter Sc | Screw Length L | Static Load F |
|-------------|----------------|-------------------|-----------|-------|-------------|---------|-------------|-------------------|----------------|---------------|
| MFN019EG    | 586101         | 15 – 19 mm        | 3/8"      | 10    | M8, M10     | 20 mm   | 1.00 mm     | M6                | 17 mm          | 1,000 N       |
| MFN023EG    | 586102         | 19 – 23 mm        | 1/2"      | 15    | M8, M10     | 20 mm   | 1.00 mm     | M6                | 17 mm          | 1,000 N       |
| MFN029EG    | 586103         | 23 – 29 mm        | 3/4"      | 20    | M8, M10     | 20 mm   | 1.00 mm     | M6                | 17 mm          | 1,000 N       |
| MFN035EG    | 586104         | 29 – 35 mm        | 1"        | 25    | M8, M10     | 20 mm   | 1.00 mm     | M6                | 17 mm          | 1,000 N       |
| MFN041EG    | 586105         | 35 – 41 mm        | –         | –     | M8, M10     | 20 mm   | 1.00 mm     | M6                | 22 mm          | 1,000 N       |
| MFN048EG    | 586106         | 41 – 48 mm        | 1 1/4"    | 32    | M8, M10     | 20 mm   | 1.00 mm     | M6                | 22 mm          | 1,000 N       |
| MFN054EG    | 586107         | 48 – 54 mm        | 1 1/2"    | 40    | M8, M10     | 20 mm   | 1.25 mm     | M6                | 22 mm          | 1,500 N       |
| MFN062EG    | 586108         | 54 – 62 mm        | 2"        | 50    | M8, M10     | 20 mm   | 1.25 mm     | M6                | 22 mm          | 1,500 N       |
| MFN072EG    | 586109         | 62 – 72 mm        | –         | –     | M8, M10     | 20 mm   | 1.25 mm     | M6                | 22 mm          | 1,500 N       |
| MFN083EG    | 586110         | 73 – 83 mm        | 2 1/2"    | 65    | M8, M10     | 23 mm   | 1.50 mm     | M6                | 27 mm          | 2,000 N       |
| MFN093EG    | 586111         | 83 – 93 mm        | 3"        | 80    | M8, M10     | 23 mm   | 1.50 mm     | M6                | 27 mm          | 2,000 N       |
| MFN103EG    | 586112         | 93 – 103 mm       | 3 1/2"    | 90    | M8, M10     | 23 mm   | 1.75 mm     | M6                | 27 mm          | 2,500 N       |
| MFN113EG    | 586113         | 103 – 113 mm      | –         | –     | M8, M10     | 23 mm   | 1.75 mm     | M6                | 27 mm          | 2,500 N       |
| MFN123EG    | 586114         | 113 – 123 mm      | 4"        | 100   | M8, M10     | 23 mm   | 1.75 mm     | M6                | 27 mm          | 2,500 N       |
| MFN133EG    | 586115         | 123 – 133 mm      | –         | –     | M8, M10     | 23 mm   | 2.00 mm     | M6                | 27 mm          | 3,000 N       |
| MFN143EG    | 586116         | 133 – 143 mm      | 5"        | 125   | M8, M10     | 23 mm   | 2.00 mm     | M6                | 27 mm          | 3,000 N       |



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# BIS RapidRail® Fixing system



■ Insert



■ Turn 1/4 Stroke



■ Slide



■ Lock



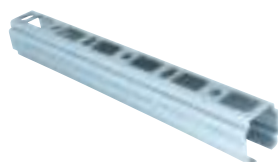
The BIS Rapidrail® system offers an unprecedented choice for rail profiles and cantilever arms, plus an extensive range of accessories for building service supports.

The accessories are pre-assembled and delivered 'ready to use' on site. The plastic spring allows the slide nut to be fixed into the rail easily. It is possible to save up to 40% in total installation time.

## Benefits

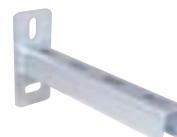
- Quick and easy fixing to the rail
- Accessories pre-assembled
- For all light and medium rail applications
- WM15 rail can be used from both sides
- Save up to 40% installation time on conventional methods

## BIS RapidRail® Fixing Rail WMO & WM15



| Part No.  | Description             |
|-----------|-------------------------|
| 650 5 000 | WMO 27x18 2mtr Lenght*  |
| 650 5 015 | WM15 30x20 2mtr Lenght* |

## BIS RapidRail® Cantilever Arms



| Part No.  | WMO   | Part No.  | WM15  |
|-----------|-------|-----------|-------|
| 660 3 015 | 150mm | 660 3 715 | 150mm |
| 660 3 019 | 200mm | 660 3 720 | 200mm |
|           |       | 660 3 725 | 250mm |

## BIS RapidRail® Slide Nuts



| Part No.  | Description    |
|-----------|----------------|
| 651 3 106 | M6 Slide Nuts  |
| 651 3 108 | M8 Slide Nuts  |
| 651 3 110 | M10 Slide Nuts |

## BIS RapidRail® Fixing Wall Plates



| Part No.  | Description                   |
|-----------|-------------------------------|
| 650 5 000 | Wall plate to suit WMO & WM15 |



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# Walraven Ltd Phenblox Selection Chart

| Pipe Nb | Size mm | Size Cu | Product Type    | Insulation Thickness |            |            |            |            |            |
|---------|---------|---------|-----------------|----------------------|------------|------------|------------|------------|------------|
|         |         |         |                 | 15 mm                | 20 mm      | 25 mm      | 30 mm      | 40 mm      | 50 mm      |
| -       | -       | 15      | Phenblox        | 8901015015           | 8901020015 | 8901025015 | 8901030015 | 8901040015 | 8901050015 |
|         |         |         | 2S Clamp        | 3303045              | 3303060    | 3303068    | 3303076    | 3303094    | 3303118    |
|         |         |         | HD BUP Clamp    | 33038045             | 33038058   | 33038065   | 33048078   | 33048106   | 33048116   |
|         |         |         | Split Band Clip | B4093046             | B4093056   | B4093066   | B4093077   | B4093096   | B4093117   |
| 15      | 21      | 22      | Phenblox        | 8901015021           | 8901020021 | 8901025021 | 8901030021 | 8901040021 | 8901050021 |
|         |         |         | 2S Clamp        | 3303051              | 3303064    | 3303076    | 3303085    | 3303105    | 3303125    |
|         |         |         | HD BUP Clamp    | 33038052             | 33038065   | 33038071   | 33048085   | 33048106   | 33048123   |
|         |         |         | Split Band Clip | B4093053             | B4093063   | B4093073   | B4093081   | B4093100   | B4093122   |
| 20      | 27      | 28      | Phenblox        | 8901015027           | 8901020027 | 8901025027 | 8901030027 | 8901040027 | 8901050027 |
|         |         |         | 2S Clamp        | 3303060              | 3303068    | 3303085    | 3303089    | 3303111    | 3303127    |
|         |         |         | HD BUP Clamp    | 33038058             | 33038071   | 33048078   | 33048092   | 33048106   | 33048133   |
|         |         |         | Split Band Clip | B4093063             | B4093070   | B4093077   | B4093089   | B4093109   | B4093127   |
| 25      | 34      | 35      | Phenblox        | 8901015034           | 8901020034 | 8901025034 | 8901030034 | 8901040034 | 8901050034 |
|         |         |         | 2S Clamp        | 3303068              | 3303076    | 3303085    | 3303094    | 3303118    | 3303134    |
|         |         |         | HD BUP Clamp    | 33038065             | 33048078   | 33048085   | 33048092   | 33048116   | 33048140   |
|         |         |         | Split Band Clip | B4093066             | B4093077   | B4093085   | B4093096   | B4093117   | B4093139   |
| 32      | 42      | 42      | Phenblox        | 8901015042           | 8901020042 | 8901025042 | 8901030042 | 8901040042 | 8901050042 |
|         |         |         | 2S Clamp        | 3303076              | 3303085    | 3303094    | 3303105    | 3303125    | 3303144    |
|         |         |         | HD BUP Clamp    | 33048078             | 33048085   | 33048092   | 33048106   | 33048123   | 33048140   |
|         |         |         | Split Band Clip | B4093073             | B4093083   | B4093092   | B4093103   | B4093122   | B4093143   |
| 40      | 48      | -       | Phenblox        | 8911015048           | 8911020048 | 8911025048 | 8911030048 | 8911040048 | 8911050048 |
|         |         |         | 2S Clamp        | 3303076              | 3303089    | 3303105    | 3303111    | 3303134    | 3303151    |
|         |         |         | HD BUP Clamp    | 33048078             | 33048092   | 33048106   | 33048116   | 33048133   | 33048154   |
|         |         |         | Split Band Clip | B4093081             | B4093089   | B4093100   | B4093109   | B4093132   | B4093152   |
| -       | -       | 54      | Phenblox        | 8911015054           | 8911020054 | 8911025054 | 8911030054 | 8911040054 | 8911050054 |
|         |         |         | 2S Clamp        | 3303089              | 3303094    | 3303105    | 3303118    | 3303134    | 3303155    |
|         |         |         | HD BUP Clamp    | 33048085             | 33048092   | 33048106   | 33048116   | 33048140   | 33048154   |
|         |         |         | Split Band Clip | B4093089             | B4093096   | B4093106   | B4093114   | B4093139   | B4093155   |
| 50      | 60      | -       | Phenblox        | 8911015060           | 8911020060 | 8911025060 | 8911030060 | 8911040060 | 8911050060 |
|         |         |         | 2S Clamp        | 3303089              | 3303105    | 3303111    | 3303125    | 3303144    | 3303162    |
|         |         |         | HD BUP Clamp    | 33048092             | 33048106   | 33048116   | 33048123   | 33048140   | 33048169   |
|         |         |         | Split Band Clip | B4093092             | B4093103   | B4093114   | B4093122   | B4093143   | B4093163   |
| -       | -       | 66      | Phenblox        | 8911015066           | 8911020066 | 8911025066 | 8911030066 | 8911040066 | 8911050066 |
|         |         |         | 2S Clamp        | 3303094              | 3303105    | 3303118    | 3303127    | 3303151    | 3303169    |
|         |         |         | HD BUP Clamp    | 33048106             | 33048106   | 33048116   | 33048133   | 33048154   | 33048169   |
|         |         |         | Split Band Clip | B4093096             | B4093109   | B4093117   | B4093127   | B4093148   | B4093168   |



■ Phenblox



■ 2S Clamp



■ HD BUP Clamp



■ Split Band Clip



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# Walraven Ltd Phenblox Selection Chart

| Pipe Nb | Size mm | Size Cu | Product Type    | Insulation Thickness |            |            |            |            |            |
|---------|---------|---------|-----------------|----------------------|------------|------------|------------|------------|------------|
|         |         |         |                 | 15 mm                | 20 mm      | 25 mm      | 30 mm      | 40 mm      | 50 mm      |
| 65      | 76      | 76      | Phenblox        | 8911015076           | 8911020076 | 8911025076 | 8911030076 | 8911040076 | 8911050076 |
|         |         |         | 2S Clamp        | 3303111              | 3303118    | 3303127    | 3303144    | 3303155    | 3303180    |
|         |         |         | HD BUP Clamp    | 33048106             | 33048116   | 33048133   | 33048140   | 33048154   | 33048183   |
|         |         |         | Split Band Clip | B4093106             | B4093117   | B4093127   | B4093139   | B4093159   | B4093176   |
| 80      | 89      | -       | Phenblox        | 8911015089           | 8911020089 | 8911025089 | 8911030089 | 8911040089 | 8911050089 |
|         |         |         | 2S Clamp        | 3303125              | 3303134    | 3303144    | 3303151    | 3303169    | 3303190    |
|         |         |         | HD BUP Clamp    | 33048123             | 33048133   | 33048140   | 33048154   | 33048169   | 33048202   |
|         |         |         | Split Band Clip | B4093122             | B4093132   | B4093139   | B4093152   | B4093172   | B4093190   |
| -       | -       | 108     | Phenblox        | 8911015108           | 8911020108 | 8911025108 | 8911030108 | 8911040108 | 8911050108 |
|         |         |         | 2S Clamp        | 3303144              | 3303151    | 3303162    | 3303169    | 3303190    | 3303219    |
|         |         |         | HD BUP Clamp    | 33048140             | 33048154   | 33048169   | 33048169   | 33048202   | 33048219   |
|         |         |         | Split Band Clip | B4093139             | B4093148   | B4093159   | B4093168   | B4093190   | B4093212   |
| 100     | 114     | -       | Phenblox        | 8911015114           | 8911020114 | 8911025114 | 8911030114 | 8911040114 | 8911050114 |
|         |         |         | 2S Clamp        | 3303144              | 3303155    | 3303169    | 3303180    | 3303190    | 3303219    |
|         |         |         | HD BUP Clamp    | 33048140             | 33048154   | 33048169   | 33048183   | 33048202   | 33048219   |
|         |         |         | Split Band Clip | B4093143             | B4093155   | B4093168   | B4093176   | B4093196   | B4093216   |
| -       | -       | 133     | Phenblox        | 8911015133           | 8911020133 | 8911025133 | 8911030133 | 8911040133 | 8911050133 |
|         |         |         | 2S Clamp        | 3303169              | 3303180    | 3303180    | 3303190    | 3303219    | -          |
|         |         |         | HD BUP Clamp    | 33048169             | 33048183   | 33048183   | 33048202   | 33048219   | 33068241   |
|         |         |         | Split Band Clip | B4093163             | B4093172   | B4093183   | B4093193   | B4093216   | B4093236   |
| 125     | 140     | -       | Phenblox        | 8911015140           | 8911020140 | 8911025140 | 8911030140 | 8911040140 | 8911050140 |
|         |         |         | 2S Clamp        | 3303169              | 3303180    | 3303190    | 3303200    | 3303219    | -          |
|         |         |         | HD BUP Clamp    | 33048169             | 33048183   | 33048202   | 33048202   | 33068227   | 33068254   |
|         |         |         | Split Band Clip | B4093172             | B4093180   | B4093190   | B4093202   | B4093220   | B4093240   |
| -       | -       | 159     | Phenblox        | 8911015159           | 8911020159 | 8911025159 | 8911030160 | 8911040159 | 8911050159 |
|         |         |         | 2S Clamp        | 3303190              | 3303200    | 3303219    | 3303219    | -          | -          |
|         |         |         | HD BUP Clamp    | 33048202             | 33048202   | 33048219   | 33048219   | 33068254   | 33068279   |
|         |         |         | Split Band Clip | B4093190             | B4093202   | B4093212   | B4093220   | B4093240   | B4093260   |
| 150     | 168     | -       | Phenblox        | 8911215168           | 8911220168 | 8911225168 | 8911230168 | 8911240168 | 8911250168 |
|         |         |         | 2S Clamp        | 3303200              | 3303219    | 3303219    | -          | -          | -          |
|         |         |         | HD BUP Clamp    | 33048202             | 33048219   | 33048219   | 33068227   | 33068254   | 33068279   |
|         |         |         | Split Band Clip | B4093202             | B4093212   | B4093220   | B4093232   | B4093250   | B4093270   |



■ Phenblox



■ 2S Clamp



■ HD BUP Clamp



■ Split Band Clip



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## Easy self- installation

In accordance with  
passive fire protection  
requirements.

### Broad safety applications

The Pacifyre® MK II Fire Sleeve is a single component fire sleeve with which you can make an aperture for pipes smoke free and fire resistant. In homes, factories, hospitals, offices or other residential buildings the Pacifyre® MK II is installed around pipes through floors, ceilings, solid walls and modular walls. Pacifyre® MK II Fire Sleeves ensure fire compartments that effortlessly comply with the building regulations.

### When to use?

In accordance with the building regulations for fire protection every building must be divided into fire compartments. Unprotected apertures for mechanical and electrical installations (pipes and cables) compromise the fire resistance of the walls, floors and ceilings of such a fire compartment. Therefore, Walraven advises to close unprotected apertures in a proper way.

### Strong in fire resistance

It shows in all fire tests that the Pacifyre® MK II Fire Sleeve complies amply with all standards. You can ensure a very simple and trustworthy fire resistant aperture without the need for any training.

The cost and time savings are crystal clear. In short, the BIS Pacifyre® MK II Fire Sleeve is an innovative, effective and reliable product.

## Pacifyre® MK II Fire Sleeve



*Simple and innovative*

Dutch Building Prize Jury

The Pacifyre® MK II Fire Sleeve has been extensively tested by independent authorities in various countries throughout Europe (according EN 1366-3 resp. EN 13501-2). A summary of the results:

| Fire resistance                 | Metal pipes | Plastic pipes |
|---------------------------------|-------------|---------------|
| Wall of aerated concrete blocks | EI 240      | EI 120        |
| Modular wall                    | EI 120      | EI 120        |
| Ceilings                        | EI 240      | EI 120        |



This product also has an ETA Approval ETA 17/0163.  
Visit [walraven.com/pacifyre](http://walraven.com/pacifyre) for all technical documents.



[walraven.com](http://walraven.com)



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## Selection tables

The Pacifyre® MK II Fire Sleeve is available in all common pipe sizes for both non-insulated plastic pipes and metal pipes (insulated or non-insulated). Other dimensions are available on request.

### Plastic pipe

| Pipe Ø (mm) | Part no.     |
|-------------|--------------|
| 15 - 17     | 215 1 015017 |
| 18 - 20     | 215 1 018020 |
| 23 - 28     | 215 4 024026 |
| 29 - 36     | 215 4 030032 |
| 38 - 44     | 215 4 039041 |
| 46 - 52     | 215 4 048050 |
| 48 - 55     | 215 4 051053 |
| 52 - 58     | 215 4 054056 |
| 55 - 61     | 215 4 057059 |
| 61 - 67     | 215 4 063065 |
| 70 - 79     | 215 4 075077 |
| 74 - 82     | 215 4 078080 |
| 86 - 94     | 215 4 090092 |
| 95 - 103    | 215 4 099101 |
| 104 - 113   | 215 4 108110 |
| 120 - 128   | 215 8 123125 |
| 131 - 139   | 215 8 135137 |
| 136 - 144   | 215 8 138140 |
| 155 - 164   | 215 8 159161 |
| 175 - 184   | 215 8 180182 |
| 195 - 204   | 215 2 198200 |

Other dimensions on request.

### Drilling table

| Part No.     | Allowance (mm) |      |        |      |      |      |
|--------------|----------------|------|--------|------|------|------|
|              | FP 430         |      | FP 550 |      | FPM  |      |
|              | min.           | max. | min.   | max. | min. | max. |
| 214 1 xxxxxx | 25             | 65   | 45     | 125  | 125  | 225  |
| 215 1 xxxxxx | 25             | 65   | 45     | 125  | 125  | 225  |
| 215 4 xxxxxx | 30             | 70   | 50     | 130  | 130  | 230  |
| 215 8 xxxxxx | 40             | 80   | 60     | 140  | 140  | 240  |
| 215 2 xxxxxx | 50             | 90   | 70     | 150  | 150  | 250  |

Drill Ø =

Pipe Ø + 2 x insulation + allowance\* or  
Pipe Ø + allowance\*

\*Allowance = 2 x thickness MK II + 2 x  
min./max. joint width

For holes to be drilled: select your available drill size  
within the min. / max. allowance given above.

### Metal pipe (insulated)

| DN  | Pipe Ø (mm)       |        | Non-insulated | Insulation thickness (mm) |              |              |
|-----|-------------------|--------|---------------|---------------------------|--------------|--------------|
|     | Steel + Stainless | Copper |               | 15                        | 20           | 25           |
|     |                   |        |               |                           |              |              |
| 10  | 17,2              | 15     | 214 1 015017  | 214 1 045047              | 214 1 054056 | 214 1 063065 |
| -   | -                 | 18     | 214 1 018020  | 214 1 048050              | 214 1 057059 | 214 1 066068 |
| 15  | 21,3              | 22     | 214 1 021023  | 214 1 051053              | 214 1 060062 | 214 1 069071 |
| 20  | 26,9              | 28     | 214 1 027029  | 214 1 057059              | 214 1 066068 | 214 1 075077 |
| 25  | 33,7              | 35     | 214 1 033035  | 214 1 063065              | 214 1 072074 | 214 1 084086 |
| 32  | 42,4              | 42     | 214 1 042044  | 214 1 072074              | 214 1 081083 | 214 1 090092 |
| 40  | 48,3              | -      | 214 1 048050  | 214 1 078080              | 214 1 087089 | 214 1 096098 |
| -   | -                 | 54     | 214 1 054056  | 214 1 084086              | 214 1 093095 | 214 1 102104 |
| 50  | 60,3              | -      | 214 1 060062  | 214 1 090092              | 214 1 099101 | 214 1 108110 |
| -   | 64,0              | -      | 214 1 063065  | 214 1 093095              | 214 1 102104 | 214 1 111113 |
| -   | -                 | 66     | 214 1 066068  | 214 1 096098              | 214 1 105107 | 214 1 114116 |
| 65  | 76,1              | 76     | 214 1 075077  | 214 1 105107              | 214 1 114116 | 214 1 126128 |
| 80  | 88,9              | 89     | 214 1 087089  | 214 1 117119              | 214 1 129131 | 214 1 138140 |
| -   | -                 | 108    | 214 1 108110  | 214 1 138140              | 214 1 147149 | 214 1 156158 |
| 100 | 114,3             | -      | 214 1 114116  | 214 1 144146              | 214 1 153155 | 214 1 162164 |
| 125 | 139,7             | -      | 214 1 138140  | 214 1 168170              | 214 1 180182 | 214 1 189191 |
| 150 | 168,3             | -      | 214 1 168170  | 214 1 198200              | 214 1 207209 | 214 1 219221 |
| 200 | 219,1             | -      | 214 1 219221  | 214 1 249251              | 214 1 258260 | 214 1 270272 |
| 250 | 273               | -      | 214 1 273275  | 214 1 301303              | 214 1 313315 | 214 1 322324 |
|     |                   |        |               | 30                        | 40           | 50           |
| 10  | 17,2              | 15     | 214 1 015017  | 214 1 075077              | 214 1 096098 | 214 1 114116 |
| -   | -                 | 18     | 214 1 018020  | 214 1 078080              | 214 1 096098 | 214 1 117119 |
| 15  | 21,3              | 22     | 214 1 021023  | 214 1 081083              | 214 1 102104 | 214 1 120122 |
| 20  | 26,9              | 28     | 214 1 027029  | 214 1 087089              | 214 1 105107 | 214 1 126128 |
| 25  | 33,7              | 35     | 214 1 033035  | 214 1 093095              | 214 1 114116 | 214 1 132134 |
| 32  | 42,4              | 42     | 214 1 042044  | 214 1 102104              | 214 1 120122 | 214 1 141143 |
| 40  | 48,3              | -      | 214 1 048050  | 214 1 108110              | 214 1 126128 | 214 1 147149 |
| -   | -                 | 54     | 214 1 054056  | 214 1 114116              | 214 1 132134 | 214 1 153155 |
| 50  | 60,3              | -      | 214 1 060062  | 214 1 120122              | 214 1 138140 | 214 1 159161 |
| -   | 64,0              | -      | 214 1 063065  | 214 1 123125              | 214 1 144146 | 214 1 162164 |
| -   | -                 | 66     | 214 1 066068  | 214 1 126128              | 214 1 144146 | 214 1 165167 |
| 65  | 76,1              | 76     | 214 1 075077  | 214 1 135137              | 214 1 156158 | 214 1 177179 |
| 80  | 88,9              | 89     | 214 1 087089  | 214 1 147149              | 214 1 168170 | 214 1 189191 |
| -   | -                 | 108    | 214 1 108110  | 214 1 168170              | 214 1 186188 | 214 1 207209 |
| 100 | 114,3             | -      | 214 1 114116  | 214 1 174176              | 214 1 192194 | 214 1 213215 |
| 125 | 139,7             | -      | 214 1 138140  | 214 1 198200              | 214 1 219221 | 214 1 240242 |
| 150 | 168,3             | -      | 214 1 168170  | 214 1 228230              | 214 1 249251 | 214 1 267269 |
| 200 | 219,1             | -      | 214 1 219221  | 214 1 279281              | 214 1 298300 | 214 1 319321 |
| 250 | 273               | -      | 214 1 273275  | 214 1 331333              | 214 1 352354 | 214 1 373375 |

Other dimensions on request. For rubber or elastomer please contact us.

## xtractabench™

our all-in-one workbench and extraction management unit.

- Strong, robust workbench, to enable the user to work at a safe working height
- Existing air filtration systems can be placed inside to create a downdraught through the perforated work surface
- Used to reduce dust and fumes that are emitted when working on materials such as plasterboard, wood, studwork, and cleaning tools out
- Fold-down side shelf provides a convenient location to place an H or M class vacuum for on-tool extraction
- Secure storage space protects and secures the air filtration units inside, as well as other tools
- Fits through a standard doorway



| Product Code | Description  | Weight | External Dimensions (including protrusions) W x D x H (mm) | Internal Dimensions W x D x H (mm) |
|--------------|--------------|--------|------------------------------------------------------------|------------------------------------|
| XB2          | XtractaBench | 96kg   | 1250 x 750 x 895                                           | 1145 x 565 x 555                   |

UK PATENT APPLICATION NUMBER 1801105.6

## instructahut™

This all-in-one solution provides a home for the lot and is therefore an essential part of your on-site inventory.

- The all-in-one noticeboard, meeting point and emergency station for first-aid, H&S and fire equipment
- Self-supporting and built to last
- Weatherproof design sheds water to ensure documents inside are protected too
- Provides a central site meeting point, which is clearly visible
- Excellent for displaying documentation such as key H&S and insurance policies
- Double-sided for maximum usability
- Replaceable backboard ensures this can be re-used many times over
- Optional extra security cabinet to position in the base



| Product Code | Description          | Weight | External Dimensions (including protrusions) W x D x H (mm) | Internal Dimensions W x D x H (mm) |
|--------------|----------------------|--------|------------------------------------------------------------|------------------------------------|
| IH4          | InstructaHut         | 71kg   | 1235 x 500 x 1850                                          | N/A                                |
| IHC4         | InstructaHut Cabinet | 28kg   | 947 x 445 x 602                                            | 940 x 425 x 600                    |

Note: weights and dimensions are approximate. External dimensions include handles.

## oxbox™

The simple and dependable solution for securing your tools and equipment.

- Keyed alike 5-lever deadlocks with heavy duty chubb-style keys
- Strong gas struts fitted as standard - conform to industry standards (except OX05)
- Suitable for sites and vans
- Steel plate construction with durable powder coated finish
- Fork lift pockets with fixing slots for easily adding castors (except OX05, OX1, OX2 and OX6)
- Optional facility to add castors using the pre-drilled holes (except OX05, OX1, OX2, OX6)

| Product Code | Description | Weight | External Dimensions W x D x H (mm) | Internal Dimensions W x D x H (mm) |
|--------------|-------------|--------|------------------------------------|------------------------------------|
| OX05         | Van box     | 24kg   | 810 x 478 x 380                    | 760 x 425 x 375                    |
| OX1          | Van box     | 27kg   | 915 x 490 x 450                    | 830 x 425 x 440                    |
| OX2          | Truck box   | 39kg   | 1215 x 490 x 450                   | 1130 x 425 x 440                   |
| OX3          | Site box    | 58kg   | 1200 x 665 x 630                   | 1115 x 595 x 545                   |
| OX4          | Site chest  | 104kg  | 1210 x 640 x 1175                  | 1125 x 565 x 1090                  |
| OX6          | Truck box   | 58.5kg | 1800 x 555 x 445                   | 1710 x 480 x 440                   |



## cuttingstation™

The unique multi-purpose material cutting station, designed to reduce dust, reduce noise and increase safety.

- Sound deadening, fire rated foam minimises noise pollution
- PVC curtains to contain sparks
- Rubber mat to reduce vibration
- Extendable support arms with 4 configurations
- Heavy-duty all-swivel wheels for easy moving
- Rubberised wheels for reduced vibration
- Recessed external power sockets, to prevent being knocked
- Patent Pending and European Design Registered
- Extendable back panel provides extra workspace for mitre saws
- New and improved lighting position for increased productivity
- Recessed 110V inlet power supply, and 2 x 110V internal sockets
- Swarf collector with dust extractor connection
- Optional extra dust extraction or air filtration system
- Secure cabinet to keep your tools safe



| Product Code | Description    | Weight | Folded Dimensions W x D x H (mm)                          | Internal Dimensions W x D x H (mm)                                    |
|--------------|----------------|--------|-----------------------------------------------------------|-----------------------------------------------------------------------|
| SS7          | CuttingStation | 175kg  | Standard 1390 x 750 x 1900<br>Extended 1390 x 1070 x 1900 | Top (with extended back) 1140 x 1020 x 960<br>Bottom 1135 x 710 x 550 |

European Patent  
Application Number:  
EP17183824.6

European Community  
Design Registration  
Number: 004511525

Note: weights and dimensions are approximate. External dimensions include handles.

## rubble truck™

The maximum performance stackable tipping truck to keep your workspace safe and clutter free.



RT400



RUBBLE TRUCK™ IN ACTION

- Multi-purpose, featuring an in-built tipping feature
- Ideal for handling materials, waste and rubble
- Extra strength welded crane lifting eyes
- Unique stackable design
- Robust steel construction, engineering for heavy use
- Solid rubber wheels or pneumatic wheels
- Huge 400 litre capacity scoop
- 750kg weight loading capacity
- Rubber side protection buffers

| Product Code | Description                       | Weight | External Dimensions W x D x H (mm) | Weight Loading |
|--------------|-----------------------------------|--------|------------------------------------|----------------|
| RT400        | Rubble Truck                      | 88.5kg | 760 x 1460 x 855                   | 750kg          |
| RT400-P      | Rubble Truck c/w pneumatic wheels | 88.5kg | 760 x 1460 x 855                   | 750kg          |

## fittingstor™

The secure storage cabinet designed to keep the 'copper thieves' at bay!



FC3



FC5

- Keyed alike 5-lever deadlocks with heavy duty keys (except FC5 & FC6)
- Powder coated for maximum durability
- Tough lift-out plastic fittings bins supplied (FC2 and FC3)
- Reinforced removable shelves (except FC5 and FC6)
- Robust steel plate construction giving maximum protection
- Storage compartment in the base for tools & equipment
- Heavy duty industrial castors fitted as standard

| Product Code | Description | Weight  | External Dimensions W x D x H (mm) | Internal Dimensions W x D x H (mm) |
|--------------|-------------|---------|------------------------------------|------------------------------------|
| FC2          | FittingStor | 88.5kg  | 800 x 555 x 1450                   | 790 x 540 x 1170                   |
| FC3          | FittingStor | 139kg   | 1200 x 550 x 1750                  | 1185 x 510 x 1465                  |
| FC4          | FittingStor | 132.5kg | 1010 x 550 x 1575                  | 995 x 505 x 1295                   |
| FC5          | FittingStor | 160kg   | 960 x 985 x 1375                   | 900 x 900 x 1290                   |
| FC6          | FittingStor | 80kg    | 1000 x 750 x 1800                  | 995 x 745 x 1590                   |

## mobile tuffbench™

The universal mobile workbench that's also a heavy-duty cabinet!



BH1270M-W



MOBILE TUFFBENCH™ IN ACTION

- Handles fitted to each end of unit for ease of handling
- Fitted with extra heavy-duty wheels (2 with brakes)
- Secure cabinet section to lock away tools and equipment
- Fitted with 5-lever deadlock with internal anti-jemmy system
- Powder coated with anti-corrosive undercoat
- Ultra-tough surface ideal for fixing chain vice, engineers vice
- Optional wooden top

| Product Code | Description                    | Weight | External Dimensions W x D x H (mm) | Internal Dimensions W x D x H (mm) |
|--------------|--------------------------------|--------|------------------------------------|------------------------------------|
| BH1270M      | Mobile TuffBench               | 78kg   | 1120 x 705 x 920                   | 990 x 630 x 640                    |
| BH1270M-W    | Mobile TuffBench with wood top | 97.5kg | 1200 x 700 x 940                   | 990 x 630 x 640                    |

## tuffbench™

The versatile and easy-to-use mobile work platform from Armorgard.



BH1080-HW

\*Vices are optional extra

- No detachable parts - stays together as one unit
- Durable timber work surface and powder-coated frame
- Folding legs secured with a chain when shut
- Metal edge flush with wooden work surface
- Collapsible for easy storage and transportation
- Ideal for fitting a chain vice and engineers vice
- TuffBench+™ includes a handle and wheels as standard
- 6" engineers vice as optional extra

| Product Code | Description                      | Weight | External Dimensions W x D x H (mm) | Folded Down Dimensions W x D x H (mm) |
|--------------|----------------------------------|--------|------------------------------------|---------------------------------------|
| BH1080       | TuffBench                        | 27kg   | 1080 x 750 x 820                   | 1080 x 750 x 130                      |
| BH1080-HW    | TuffBench+ c/w handle and wheels | 31kg   | 1080 x 750 x 820                   | 1080 x 750 x 130                      |

Note: weights and dimensions are approximate. External dimensions include handles.

## forma-stor COSHH

Our new COSHH compliant, quick-assembly, modular storage units for the safe storage of hazardous substances.

- Relevant hazard warning signage
- Meets relevant legislation for storing fuel and chemicals
- Heavy-duty raised open steel floor - allows spillages to drain directly into sump
- Person portable - erected simply and easily with no fuss! Instructions included
- Forklift pockets for easy transportation
- Lifting eyes for crane loading
- Heavy-duty doors with 5-lever deadlocks and jemmy-proof joins
- Fully galvanised and powder coated for maximum durability
- Available in 4 standard sizes
- Can be delivered pre-erected - additional costs involved

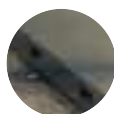


| Product Code | Description         | Weight | External Dimensions (including protrusions) W x D x H (mm) | Internal Dimensions W x D x H (mm) |
|--------------|---------------------|--------|------------------------------------------------------------|------------------------------------|
| FR100C       | 1m COSHH forma-stor | 332kg  | 2075x1120x2205                                             | 1920 x 970 x 1960                  |
| FR200C       | 2m COSHH forma-stor | 381kg  | 2075x2075x2205                                             | 1920 x 1920 x 1960                 |
| FR300C       | 3m COSHH forma-stor | 540kg  | 2990x2075x2205                                             | 2840 x 1920 x 1960                 |
| FR400C       | 4m COSHH forma-stor | 695kg  | 3995x2075x2205                                             | 3840 x 1920 x 1960                 |

## forma-stor<sup>TM</sup>

Introducing our new quick-assembly, modular solution for on-site secure storage.

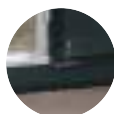
- Person portable - erected simply and easily with no fuss! Instructions included
- Forklift pockets for easy transportation
- Lifting eyes for crane loading
- Heavy-duty doors with 5-lever deadlocks and jemmy-proof joins
- Fully galvanised and powder coated for maximum durability
- Strong fitted OSB floor
- Available in 4 standard sizes
- Can be delivered pre-erected - additional costs involved



FORK SKIDS FOR EASY TRANSPORTATION



LIFTING EYES FOR CRANE LOADING



STRONG FITTED OSB FLOOR



FLAT-PACKED FOR EASY TRANSPORTATION

| Product Code | Description   | Weight | External Dimensions (including protrusions) W x D x H (mm) | Internal Dimensions W x D x H (mm) |
|--------------|---------------|--------|------------------------------------------------------------|------------------------------------|
| FR100        | 1m forma-stor | 259kg  | 2075 x 1120 x 2110                                         | 1920 x 970 x 1950                  |
| FR200        | 2m forma-stor | 297kg  | 2075 x 2075 x 2110                                         | 1920 x 1920 x 1950                 |
| FR300        | 3m forma-stor | 415kg  | 2990 x 2075 x 2110                                         | 2840 x 1920 x 1950                 |
| FR400        | 4m forma-stor | 484kg  | 3995 x 2075 x 2110                                         | 3840 x 1920 x 1950                 |

Note: weights and dimensions are approximate. External dimensions include handles.

## tuffbank™

Our best-selling secure site storage solution.

- Keyed alike 5-lever deadlocks both sides with heavy duty chubb-style keys, and security ID numbers
- Unique external and internal anti-jemmy systems and fully welded continuous piano hinge
- Strong gas struts and safety catch fitted as standard to conform to industry standards
- Replacement keys available, using the unique key number
- Robust construction from heavy duty steel plate throughout
- Suitable for sites and vans
- Choose from 8 versatile sizes
- Powder coated for maximum durability
- Fork skids with fixing slots for easily adding castors (except TB1 and TB12)
- Designed and engineered from 2mm and 3mm steel



| Product Code | Description | Weight  | External Dimensions W x D x H (mm) | Internal Dimensions W x D x H (mm) |
|--------------|-------------|---------|------------------------------------|------------------------------------|
| TB1          | Van box     | 45kg    | 980 x 540 x 475                    | 895 x 470 x 465                    |
| TB12         | Truck box   | 58.5kg  | 1275 x 515 x 450                   | 1190 x 445 x 445                   |
| TB21         | Site box    | 61kg    | 765 x 675 x 670                    | 675 x 605 x 575                    |
| TB2          | Site box    | 86kg    | 1275 x 665 x 660                   | 1185 x 600 x 575                   |
| TB3          | Site box    | 105.5kg | 1270 x 675 x 975                   | 1185 x 605 x 880                   |
| TBC4         | Site chest  | 159kg   | 1275 x 675 x 1270                  | 1185 x 605 x 1185                  |
| TBC5         | Site chest  | 166kg   | 1585 x 675 x 1275                  | 1500 x 605 x 1185                  |
| TB6          | Truck box   | 123kg   | 1970 x 675 x 665                   | 1880 x 605 x 580                   |

## pipestor™

The mobile secure storage trunk that keeps your copper piping safe and organised.



- Internally divided into 4 separate compartments
- Secured with a 5-lever deadlock
- Fully mobile - fitted with heavy duty swivel castors
- Powder coated for maximum durability
- Fork lift skids for easy transportation
- Robust steel plate construction giving maximum protection
- Serial numbered for replacement keys

| Product Code | Description | Weight | External Dimensions W x D x H (mm) | Internal Dimensions W x D x H (mm) |
|--------------|-------------|--------|------------------------------------|------------------------------------|
| PS3.0        | PipeStor    | 133kg  | 575 x 3205 x 785                   | 495 x 3160 x 495                   |
| PS6.0        | PipeStor    | 256kg  | 575 x 6410 x 785                   | 495 x 6350 x 495                   |

## piperrack™

The adaptable mobile on-site pipe and conduit storage solution.

- Simple kit available to upgrade from 1T to 2T
- All steel heavy-duty construction
- Serial numbered for certification
- Powder coated finish for ultimate protection
- Unique fully folding design
- Robust castors for easy handling
- Fitted with ultra-robust industrial swivel castors
- Stackable up to 6 units high
- PRLK link kit for storing 6m lengths
- Storage rack only, not to be moved whilst loaded



| Product Code | Description                                                           | Weight | External Dimensions W x D x H (mm) | Folded down Dimensions W x D x H (mm) | Weight loading |
|--------------|-----------------------------------------------------------------------|--------|------------------------------------|---------------------------------------|----------------|
| PR1          | PipeRack                                                              | 83kg   | 1000 x 1500 x 1560                 | Folded down = 1000 x 1500 x 545       | 1 tonne        |
| PR2          | PipeRack                                                              | 101kg  | 1000 x 1500 x 1560                 | Folded down = 1000 x 1500 x 545       | 2 tonne        |
| PRLK         | PipeRack Linking Kit, to join 2 PipeRacks together                    | N/A    | N/A                                | N/A                                   | N/A            |
| PRUK         | PipeRack Upgrade Kit, to upgrade from a 1 tonne capacity to a 2 tonne | N/A    | N/A                                | N/A                                   | N/A            |

Note: weights and dimensions are approximate. External dimensions include handles.



Zip-Clip offer a range of innovative products designed for speed and ease of use for suspending HVAC, Electrical and Mechanical Products. The clip is manufactured from a high quality zinc alloy. The oil impregnated sintered metal wedge is designed to offer the best locking solution on the market. The stainless steel spring ensures the wedge engages first time. All Zip-Clip engineered suspension systems are designed with quality and safety in mind

## ZIP-LOCK

Suitable for wrap around installations, including:

- Beams
- Purlins
- Roof Trusses
- And all other existing features

| PRODUCT CODE | LENGTH   | SWL   |
|--------------|----------|-------|
| 7ZIPZLG1     | 1 Metre  | 10kg  |
| 7ZIPZLG2     | 2 Metre  | 10kg  |
| 7ZIPZLG3     | 3 Metre  | 10kg  |
| 7ZIPZLG4     | 4 Metre  | 10kg  |
| 7ZIPZLG5     | 5 Metre  | 10kg  |
| 7ZIPZLG10    | 10 Metre | 10kg  |
| 7ZIPZLS1     | 1 Metre  | 50kg  |
| 7ZIPZLS2     | 2 Metre  | 50kg  |
| 7ZIPZLS3     | 3 Metre  | 50kg  |
| 7ZIPZLS4     | 4 Metre  | 50kg  |
| 7ZIPZLS5     | 5 Metre  | 50kg  |
| 7ZIPZLS10    | 10 Metre | 50kg  |
| 7ZIPZLY1     | 1 Metre  | 120kg |
| 7ZIPZLY2     | 2 Metre  | 120kg |
| 7ZIPZLY3     | 3 Metre  | 120kg |
| 7ZIPZLY4     | 4 Metre  | 120kg |
| 7ZIPZLY5     | 5 Metre  | 120kg |
| 7ZIPZLY10    | 10 Metre | 120kg |

## CON-LOCK

Suitable for concrete installations, including:

- Cracked concrete
- Reinforced concrete
- Slagged concrete
- Hollow pot concrete

| PRODUCT CODE | LENGTH   | SWL  |
|--------------|----------|------|
| 7ZIPCLG1     | 1 Metre  | 10kg |
| 7ZIPCLG2     | 2 Metre  | 10kg |
| 7ZIPCLG3     | 3 Metre  | 10kg |
| 7ZIPCLG4     | 4 Metre  | 10kg |
| 7ZIPCLG5     | 5 Metre  | 10kg |
| 7ZIPCLG10    | 10 Metre | 10kg |
| 7ZIPCLS1     | 1 Metre  | 50kg |
| 7ZIPCLS2     | 2 Metre  | 50kg |
| 7ZIPCLS3     | 3 Metre  | 50kg |
| 7ZIPCLS4     | 4 Metre  | 50kg |
| 7ZIPCLS5     | 5 Metre  | 50kg |
| 7ZIPCLS10    | 10 Metre | 50kg |
| 7ZIPCLY1     | 1 Metre  | 90kg |
| 7ZIPCLY2     | 2 Metre  | 90kg |
| 7ZIPCLY3     | 3 Metre  | 90kg |
| 7ZIPCLY4     | 4 Metre  | 90kg |
| 7ZIPCLY5     | 5 Metre  | 90kg |
| 7ZIPCLY10    | 10 Metre | 90kg |





## RIZE

Suitable for

- Wrap around applications
- Use with a range of fixing brackets
- Trapeze brackets

| PRODUCT CODE | LENGTH    | SWL   |
|--------------|-----------|-------|
| 7ZIPKL50     | N/A       | 10kg  |
| 7ZIPR200G    | 200 Metre | 10kg  |
| 7ZIPKL100    | N/A       | 50kg  |
| 7ZIPR100S    | 100 Metre | 50kg  |
| 7ZIPR200S    | 200 Metre | 50kg  |
| 7ZIPR500S    | 500 Metre | 50kg  |
| 7ZIPKL150    | N/A       | 120kg |
| 7ZIPR100Y    | 100 Metre | 120kg |
| 7ZIPKL200    | N/A       | 230kg |
| 7ZIPR100P    | 100 Metre | 230kg |

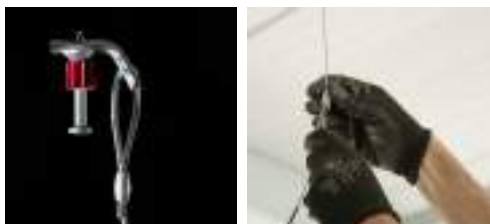


## SHOT-LOCK

Suitable for fixing substrates, including:

- Concrete slab
- Profile steel decking
- Steel beams

| PRODUCT CODE | LENGTH   | SWL  |
|--------------|----------|------|
| 7ZIPSLPG1    | 1 Metre  | 10kg |
| 7ZIPSLPG2    | 2 Metre  | 10kg |
| 7ZIPSLPG3    | 3 Metre  | 10kg |
| 7ZIPSLPG4    | 4 Metre  | 10kg |
| 7ZIPSLPG5    | 5 Metre  | 10kg |
| 7ZIPSLPG10   | 10 Metre | 10kg |
| 7ZIPSLPS1    | 1 Metre  | 25kg |
| 7ZIPSLPS2    | 2 Metre  | 25kg |
| 7ZIPSLPS3    | 3 Metre  | 25kg |
| 7ZIPSLPS4    | 4 Metre  | 25kg |
| 7ZIPSLPS5    | 5 Metre  | 25kg |
| 7ZIPSLPS10   | 10 Metre | 25kg |



## TRY-LOCK

Suitable for suspending containment and bracketry

| PRODUCT CODE   | LENGTH | SWL  |
|----------------|--------|------|
| 7ZIPTRS50-200  | 300mm  | 50kg |
| 7ZIPTRS300-400 | 460mm  | 50kg |



## LUMA-LOCK

Suitable for primary and secondary supports

| PRODUCT CODE    | LENGTH | SWL  |
|-----------------|--------|------|
| 7ZIPLUMG50-200  | 300mm  | 10kg |
| 7ZIPLUMG300-400 | 460mm  | 10kg |
| 7ZIPLUMG600     | 550mm  | 10kg |
| 7ZIPLUM50-200   | 300mm  | 35kg |
| 7ZIPLUM300-400  | 460mm  | 35kg |
| 7ZIPLUM600      | 550mm  | 35kg |



## ACCESSORIES

| PRODUCT CODE | DESCRIPTION                                 |
|--------------|---------------------------------------------|
| 7ZIPCLA1     | Universal Concrete Anchor                   |
| 7ZIPCPA1     | Corner Protector                            |
| 7ZIPCPA1MAG  | Magnetic Corner Protector                   |
| 7ZIPCUT1     | Heavy Duty Wire Cutters                     |
| 7ZIPHCB1     | Uni-Lock Bracket 7mm                        |
| 7ZIPHCBP1    | Shot Fired Fastener for Concrete and Steel  |
| 7ZIPPVC100S  | PVC 100M Reel x 3mm diameter                |
| 7ZIPPVC100P  | PVC 100M Reel x 6mm diameter                |
| 7ZIPTT1      | Tensioning Tool                             |
| 7ZIPUNI1     | M6 x 20mm Universal Eyebolt with Flange Nut |
| 7ZIPUNI2     | M6 x 45mm Universal Eyebolt with Flange Nut |
| 7ZIPUNI3     | M8 x 25mm Universal Eyebolt with Flange Nut |



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# Conduit & Fittings

## Galvanised Conduit



**Hot-Dip Galvanised Steel Conduit**  
**Class 4 BS4568-1970**

| Stock Code | Size (mm) | Length (m) | Bundle Qty | Master Bundle |
|------------|-----------|------------|------------|---------------|
| 9C20G      | 20        | 3.75       | 8          | 400 Length    |
| 9C25G      | 25        | 3.75       | 8          | 240 Length    |

## Galvanised Conduit Boxes



**Stop End Boxes**

| Stock Code | Size (mm) |
|------------|-----------|
| 9CB20TERM  | 20        |
| 9CB25TERM  | 25        |



**Through Boxes**

| Stock Code | Size (mm) |
|------------|-----------|
| 9CB20THRU  | 20        |
| 9CB25THRU  | 25        |



**Tee Boxes**

| Stock Code | Size (mm) |
|------------|-----------|
| 9CB20TEE   | 20        |
| 9CB25TEE   | 25        |



**Angle Boxes**

| Stock Code | Size (mm) |
|------------|-----------|
| 9CB20ANGLE | 20        |
| 9CB25ANGLE | 25        |



**Intersection Boxes**

| Stock Code | Size (mm) |
|------------|-----------|
| 9CB20INT   | 20        |



**Branch U Boxes**

| Stock Code | Size (mm) |
|------------|-----------|
| 9CB20U     | 20        |



**Y Boxes**

| Stock Code | Size (mm) |
|------------|-----------|
| 9CB20Y     | 20        |
| 9CB25Y     | 25        |



**H Boxes**

| Stock Code | Size (mm) |
|------------|-----------|
| 9CB20H     | 20        |

## Galvanised Conduit Fittings



**Rubber Gasket**

| Stock Code |
|------------|
| 9CBRUBGAS  |



**Dome Covers**

| Stock Code | Size (mm) |
|------------|-----------|
| 9DC20G     | 20        |
| 9DC25G     | 25        |



**Box Lids**

| Stock Code |
|------------|
| 9CBOXLID   |



**Hook Plate**

| Stock Code |
|------------|
| 9HOOKPLT   |



**Extension Rings**

| Stock Code | Size (mm) |
|------------|-----------|
| 9ER20G     | 20        |
| 9ER25G     | 25        |



**Couplers**

| Stock Code | Size (mm) |
|------------|-----------|
| 9CCOUP20   | 20        |
| 9CCOUP25   | 25        |



**Flanged Couplers**

| Stock Code | Size (mm) |
|------------|-----------|
| 9FC20G     | 20        |
| 9FC25G     | 25        |



**Nipples**

| Stock Code | Size (mm) |
|------------|-----------|
| 9CNIP20    | 20        |
| 9CNIP25    | 25        |



**Galvanised Single Link Jack Chain (No.10)**

| Stock Code | Description      |
|------------|------------------|
| DJC10M     | 10mtr Jack Chain |



### Distance



| Stock Code | Description                 |
|------------|-----------------------------|
| 9DS20G     | 20mm Galv. Distance Saddles |
| 9DS25G     | 25mm Galv. Distance Saddles |

### Spacer



| Stock Code | Description                             |
|------------|-----------------------------------------|
| 9SBS20     | 20mm Galv. Conduit Spacer Bar (Saddles) |
| 9SBS25     | 25mm Galv. Conduit Spacer Bar (Saddles) |

### Conduit Bush Spanner



| Stock Code | Unit |
|------------|------|
| 9BUSHKING  | 1    |

### Male Hooks



| Stock Code |
|------------|
| 9MHOOK20   |

### Lockrings



| Stock Code | Size (mm) |
|------------|-----------|
| 9LOCKR20   | 20        |
| 9LOCKR25   | 25        |
| 9LOCKR32   | 32        |
| 9LOCKR40   | 1 1/2"    |
| 9LOCKR50   | 2"        |

### Locknuts



| Stock Code | Size (mm) |
|------------|-----------|
| 9LOCKN20   | 20        |
| 9LOCKN25   | 25        |
| 9LOCKN32   | 32        |
| 9LOCKN40   | 1 1/2"    |
| 9LOCKN50   | 2"        |

### Flat Crampet



| Stock Code | Size (mm) |
|------------|-----------|
| 9CCRAMP20  | 20        |
| 9CCRAMP25  | 25        |

### Female Bushes



| Stock Code | Size (mm) |
|------------|-----------|
| 9FBB20     | 20        |
| 9FBB25     | 25        |
| 9FBB32     | 32        |
| 9FBB40     | 1 1/2"    |
| 9FBB50     | 2"        |

### Long Male Bushes



| Stock Code | Size (mm) |
|------------|-----------|
| 9MBB20L    | 20        |
| 9MBB25L    | 25        |
| 9MBB32L    | 32        |
| 9MBB40L    | 1 1/2"    |
| 9MBB50L    | 2"        |

### Short Male Bushes



| Stock Code | Size (mm) |
|------------|-----------|
| 9MBB20     | 20        |
| 9MBB25     | 25        |
| 9MBB32     | 32        |
| 9MBB40     | 1 1/2"    |
| 9MBB50     | 2"        |

### Slotted Stopping Plugs



| Stock Code  | Size (mm) |
|-------------|-----------|
| 9CBRSPLUG20 | 20        |
| 9CBRSPLUG25 | 25        |

### Nylon Draw Tape



| Stock Code | Size (mtr) |
|------------|------------|
| 9NDT20     | 20         |

### Galv Loop-in Boxes



| Stock Code  | Description |
|-------------|-------------|
| 9LBOX20MM1H | 20mm 1 Hole |
| 9LBOX20MM2H | 20mm 2 Hole |

### Galv. Conduit Reducer



| Stock Code | Size    |
|------------|---------|
| 9CRED2520  | 25-20mm |

### Open Grommets



| Stock Code | Size (mm) |
|------------|-----------|
| 9CGROMO20  | 20        |
| 9CGROMO25  | 25        |
| 9CGROMO32  | 32        |
| 9CGROMO38  | 38        |
| 9CGROMO50  | 50        |



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### Adaptable Boxes

| Stock Code     | Description                          |
|----------------|--------------------------------------|
| 7ADPBOX4X4X2KO | 4 X 4 X 2 Adaptable Box c/w Knockout |



### Socket Boxes

| Stock Code  | Desc.     | Depth (mm) |
|-------------|-----------|------------|
| 7KOBX1G16   | 1 Gang    | 16         |
| 7KOBX1G25   | 1 Gang    | 25         |
| 7KOBX2G25   | 2 Gang    | 25         |
| 7KOBX1G35   | 1 Gang    | 35         |
| 7KOBX2G35   | 2 Gang    | 35         |
| 7KOBX35DUAL | Dual Gang | 35         |
| 7KOBX1G47   | 1 Gang    | 47         |
| 7KOBX2G47   | 2 Gang    | 47         |



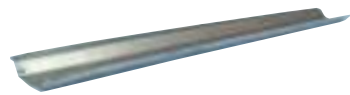
### Hilmor EL25 Conduit Bender and Spares

| Stock Code    | Description                                     |
|---------------|-------------------------------------------------|
| 2HILEL25      | Hilmor Conduit Bender c/w Vice & 20/25mm Former |
| 2HILEL25FOR20 | Hilmor EL25 20mm Former (563082)                |
| 2HILEL25FOR25 | Hilmor EL25 25mm Former (563084)                |
| 2HILEL25CP    | Hilmor EL25 Centre Pin (120422)                 |
| 2HILEL25GR    | Hilmor EL25 Grooved Roller (102010)             |
| 2HILEL25PV    | Hilmor EL25 Pipe Vice (400300)                  |
| 2HILEL25PVJ   | Hilmor EL25 Pipe Vicejaws (661053)              |
| 2HILEL25RP    | Hilmor EL25 Roller Pin (120465)                 |
| 2HILEL25SPC   | Hilmor EL25 Safety Pin and Chain (090757)       |
| 2HILEL25SB    | Hilmor EL25 Stop Bar (090751)                   |
| 2HILEL25TRP   | Hilmor EL25 Terry Retaining Pin (5)529827       |
| 2HILEL25TS    | Hilmor EL25 Tube Stop (620103)                  |



### TRS Stuffing Gland

| Stock Code    | Description                           |
|---------------|---------------------------------------|
| 9STUFFGLAND20 | 20mm Conduit Brass TRS Stuffing Gland |
| 9STUFFGLAND25 | 25mm Conduit Brass TRS Stuffing Gland |



### Metal Capping & Nails

| Stock Code  | Description               | Unit |
|-------------|---------------------------|------|
| 7CAPPINGM13 | 13mm Metal Capping x 2mtr | 1    |
| 7CAPPINGM25 | 25mm Metal Capping x 2mtr | 1    |
| 7CAPPINGM38 | 38mm Metal Capping x 2mtr | 1    |
| 7CAPPINGM50 | 50mm Metal Capping x 2mtr | 1    |
| 7CAPPINGM63 | 63mm Metal Capping x 2mtr | 1    |

### Capping Nails (Mickey Pins)

|         |                          |     |
|---------|--------------------------|-----|
| 1CAPN25 | Capping Nails 2.5 x 25mm | 100 |
| 1CAPN35 | Capping Nails 2.5 x 35mm | 100 |



### Conduit Dies, Guide, Die Sets

| Stock Code | Size (mm)                   | Unit |
|------------|-----------------------------|------|
| 2COD20     | 20mm Conduit Die            | 1    |
| 2COD25     | 25mm Conduit Die            | 1    |
| 2COG20     | 20mm Conduit Guide          | 1    |
| 2COG25     | 25mm Conduit Guide          | 1    |
| 2COSTK     | Stock for Conduit Die/Guide | 1    |
| 2COSET     | 20/25mm Conduit Die Set     | 1    |



### Cable Glands

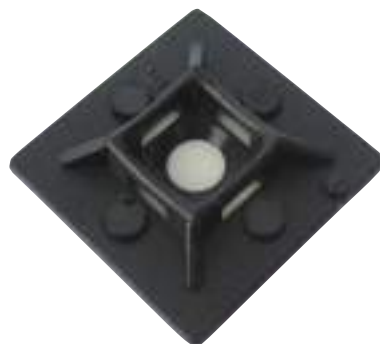
| Stock Code | Description                                 | Unit |
|------------|---------------------------------------------|------|
| 9CW20GP    | 20mm Long C.W Gland Pack / Brass (Outdoor)  | 1    |
| 9BW20GP    | 20mm Long B.W Gland Pack / Brass (Indoor)   | 1    |
| 9BW20SGP   | 20mm Small B.W Gland Pack / Brass (Indoor)  | 1    |
| 9CW20SGP   | 20mm Small C.W Gland Pack / Brass (Outdoor) | 1    |
| 9CW25GP    | 25mm C.W Gland Pack / Brass (Outdoor)       | 1    |
| 9BW25GP    | 25mm B.W Gland Pack / Brass (Indoor)        | 1    |
| 9BW32GP    | 32mm B.W Gland Pack / Brass (Indoor)        | 1    |
| 9CW32GP    | 32mm C.W Gland Pack / Brass (Outdoor)       | 1    |
| 9BW40GP    | 40mm B.W Gland Pack / Brass (Indoor)        | 1    |
| 9CW40GP    | 40mm C.W Gland Pack / Brass (Outdoor)       | 1    |
| 9BW50GP    | 50mm B.W Gland Pack / Brass (Indoor)        | 1    |
| 9CW50GP    | 50mm C.W Gland Pack / Brass (Outdoor)       | 1    |
| 9BW63GP    | 63mm B.W Gland Pack / Brass (Indoor)        | 1    |
| 9CW63GP    | 63mm C.W Gland Pack / Brass (Outdoor)       | 1    |
| 9BW75GP    | 75mm B.W Gland Pack / Brass (Indoor)        | 1    |
| 9CW75GP    | 75mm C.W Gland Pack / Brass (Outdoor)       | 1    |





### 316 Stainless steel Cable Ties

| Stock Code | Description                         | Unit |
|------------|-------------------------------------|------|
| 1CTSS150   | 150 x 4.6 ST/ST Cable Ties uncoated | 100  |
| 1CTSS200   | 201 x 4.6 ST/ST Cable Ties uncoated | 100  |
| 1CTSS300   | 300 x 4.6 ST/ST Cable Ties uncoated | 100  |
| 1CTSS360   | 360 x 4.6 ST/ST Cable Ties uncoated | 100  |
| 1CTSSTOOL  | ST/ST Cable Tie Tensioning Tool     | 1    |



Self Adhesive Cable Tie Mount

### Nylon Cable Ties - Black

| Stock Code | Description                 | Unit |
|------------|-----------------------------|------|
| 1CTB080    | 80 x 2.5 Black Cable Ties   | 100  |
| 1CTB100    | 100 x 2.5 Black Cable Ties  | 100  |
| 1CTB120    | 120 x 2.5 Black Cable Ties  | 100  |
| 1CTB140    | 140 x 3.6 Black Cable Ties  | 100  |
| 1CTB160    | 160 x 4.8 Black Cable Ties  | 100  |
| 1CTB200    | 200 x 4.8 Black Cable Ties  | 100  |
| 1CTB250    | 250 x 4.8 Black Cable Ties  | 100  |
| 1CTB290    | 290 x 7.6 Black Cable Ties  | 100  |
| 1CTB295    | 295 x 4.8 Black Cable Ties  | 100  |
| 1CTB370    | 370 x 4.8 Black Cable Ties  | 100  |
| 1CTB370W   | 370 x 7.6 Black Cable Ties  | 100  |
| 1CTB450    | 450 x 8.0 Black Cable Ties  | 100  |
| 1CTB450W   | 450 x 12.8 Black Cable Ties | 50   |
| 1CTB580W   | 580 x 12.7 Black Cable Ties | 100  |
| 1CTB710    | 710 x 9.0 Black Cable Ties  | 100  |



Cable Tie Cradle

### Nylon Cable Ties - Natural

|          |                               |     |
|----------|-------------------------------|-----|
| 1CTN100  | 100 x 2.5 Natural Cable Ties  | 100 |
| 1CTN120  | 120 x 2.5 Natural Cable Ties  | 100 |
| 1CTN160  | 160 x 4.8 Natural Cable Ties  | 100 |
| 1CTN200  | 200 x 4.8 Natural Cable Ties  | 100 |
| 1CTN200T | 200 x 2.5 Natural Cable Ties  | 100 |
| 1CTN250  | 250 x 4.8 Natural Cable Ties  | 100 |
| 1CTN295  | 295 x 4.8 Natural Cable Ties  | 100 |
| 1CTN370  | 370 x 4.8 Natural Cable Ties  | 100 |
| 1CTN580W | 580 x 12.7 Natural Cable Ties | 100 |

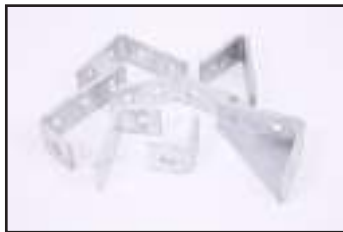


Cable Tie Masonry Mount Knock In Type

### Cable Tie Accessories

| Stock Code | Description                                | Unit |
|------------|--------------------------------------------|------|
| 1CTBB48    | Self Adhesive Cable Tie Mounts - Black     | 100  |
| 1CTNB48    | Self Adhesive Cable Tie Mounts - White     | 100  |
| 1CTBC126   | Cable Tie Black Cradles 13mm Max Tie Width | 100  |
| 1CTBKMM9   | Cable Tie Masonry Mounts Knock In Type     | 100  |
| 1CTBC8MM   | Black Cable Tie Cradle 8mm Max Tie Width   | 100  |





**Unbranded  
Angle Brackets  
HDG**

| Code       | Description                            |
|------------|----------------------------------------|
| 3CHAB1B140 | 1 + 1 90 Degree Angle Bracket          |
| 3CHAB2B142 | 1 + 2 90 Degree Angle Bracket          |
| 3CHAB2B144 | 2 + 2 90 Degree Angle Bracket          |
| 3CHAB3B139 | 1 + 3 90 Degree Angle Bracket          |
| 3CHABGB145 | 2 + 2 90 Degree Gusseted Angle Bracket |
| 3CHAB148   | 1 + 1 45 Degree Open Angle Bracket     |
| 3CHAB149   | 2 + 1 45 Degree Closed Angle Bracket   |



**Unbranded  
Flat Fittings  
HDG**

| Code      | Description       |
|-----------|-------------------|
| 3CHPLB102 | 2 Hole Flat Plate |
| 3CHPLB103 | 3 Hole Flat Plate |
| 3CHPLB104 | 4 Hole Flat Plate |
| 3CHPLB105 | 5 Hole Flat Plate |
| 3CHAB161  | 3 Hole Flat L     |
| 3CHAB152  | 4 Hole Flat T     |

### Unbranded Beam Clamps HDG



| Code       | Description                     |
|------------|---------------------------------|
| 3CHBCS     | Window Bracket 41x21            |
| 3CHBCD     | Window Bracket 41 x 41          |
| 3CHBCBB    | Window Bracket 41 x 83          |
| 3CHBCP2785 | U-Bolt Beam Clamp 41x21 & 41x41 |
| 3CHSC853   | U-Bolt Beam Clamp 41x83         |
| 3CHBC255   | Internal C Clamp                |
| 3CHBC254   | External C Clamp                |
| 3CHBB251   | Fish Tail Clamp                 |
| 3CHCP      | M10 x 40 Cone Point Set Screw   |



**Unbranded  
Base Plates &  
Wing Fittings  
HDG**

Base Plates & Wing Fittings

| Code      | Description                     |
|-----------|---------------------------------|
| 3CHBPS211 | Single Base Plate 41x41         |
| 3CHBBBP   | Double Base Plate 41x83         |
| 3CHAB307  | Single Delta Base Plate 41x41   |
| 3CHAB308  | Double Delta Base Plate 41 x 83 |
| 3CHABTEE  | Tec Base Plate                  |



**Unbranded  
U & Z Fittings  
HDG**

| Code       | Description                  |
|------------|------------------------------|
| 3CHTHB4141 | Top Hat Bracket 41x41        |
| 3CHZB20    | Z Bracket 41x21              |
| 3CHZB40    | Z Bracket 41x41              |
| 3CHTHBBB   | Top Hat Bracket Back to Back |
| 3CHTHB4121 | Top Hat Bracket 41x21        |



**Unbranded  
Couplers  
HDG**

| Code       | Description                              |
|------------|------------------------------------------|
| 3CHDECB202 | External Wrap Over Coupler 41x41         |
| 3CHISP4121 | Internal Splice Coupler 41x21 c/w screws |
| 3CHISP1054 | Internal Splice Coupler 41x41 c/w screws |
| 3CHDEC4121 | 41x21mm Shallow External Connector       |



**Unbranded  
Plate Washers  
Zinc Plated**

| Code     | Description           |
|----------|-----------------------|
| 3CHSPW06 | 41mm Plate Washer M6  |
| 3CHSPW08 | 41mm Plate Washer M8  |
| 3CHSPW10 | 41mm Plate Washer M10 |
| 3CHSPW12 | 41mm Plate Washer M12 |



### Unbranded Short Spring Channel Nuts BZP

| Code     | Size |
|----------|------|
| 3CHNSS06 | M6   |
| 3CHNSS08 | M8   |
| 3CHNSS10 | M10  |
| 3CHNSS12 | M12  |

### Unbranded Plain Channel Nuts BZP

| Code    | Size |
|---------|------|
| 3CHNP06 | M6   |
| 3CHNP08 | M8   |
| 3CHNP10 | M10  |
| 3CHNP12 | M12  |
| 3CHNP16 | M16  |

### Unbranded Long Spring Channel Nuts BZP

| Code     | Size |
|----------|------|
| 3CHNSL06 | M6   |
| 3CHNSL08 | M8   |
| 3CHNSL10 | M10  |
| 3CHNSL12 | M12  |

### Unbranded Cantilever Arms

| Code      | Description                |
|-----------|----------------------------|
| 3CHCAN150 | 150mm Cantilever Arm Plain |
| 3CHCAN300 | 300mm Cantilever Arm Plain |
| 3CHCAN450 | 450mm Cantilever Arm Plain |
| 3CHCAN600 | 600mm Cantilever Arm Plain |
| 3CHCAN750 | 750mm Cantilever Arm Plain |

### Unbranded Channel End Caps

| Code       | Description                         |
|------------|-------------------------------------|
| 3CHCAP101  | Channel Deep End Caps 41 x 41 Black |
| 3CHCAP101W | Channel Deep End Caps 41 x 41 White |
| 3CHCAP102  | Channel Deep End Caps 41 x 21 Black |
| 3CHCAP102W | Channel Deep End Caps 41 x 21 White |

### Unbranded Channel Cover Strip

| Code      | Description                     |
|-----------|---------------------------------|
| 3CHCSPV   | Channel Closure Strip PVC Black |
| 3CHCSPVBL | Channel Closure Strip PVC White |
| 3CHCSST   | Channel Closure Strip Pre Galv  |





**Brass  
Munsen Rings  
M10**

| Code    | Size  |
|---------|-------|
| 3MRB015 | 15mm  |
| 3MRB022 | 22mm  |
| 3MRB028 | 28mm  |
| 3MRB035 | 35mm  |
| 3MRB042 | 42mm  |
| 3MRB054 | 54mm  |
| 3MRB067 | 67mm  |
| 3MRB076 | 76mm  |
| 3MRB108 | 108mm |



**U Bolts Steel BZP**

| Code      | Steel NB Inch | Steel Metric NB |
|-----------|---------------|-----------------|
| 1UB1521   | 1/2"          | 15              |
| 1UB2027   | 3/4"          | 20              |
| 1UB2534   | 1"            | 25              |
| 1UB3245   | 1 1/4"        | 32              |
| 1UB4051   | 1 1/2"        | 40              |
| 1UB5060   | 2             | 50              |
| 1UB6576   | 2 1/2"        | 65              |
| 1UB8090   | 3"            | 80              |
| 1UB100114 | 4"            | 100             |
| 1UB125140 | 5"            | 125             |
| 1UB150170 | 6"            | 150             |



**Chrome  
Munsen  
Rings M10**

| Code    | Size |
|---------|------|
| 3MRC015 | 15mm |
| 3MRC022 | 22mm |
| 3MRC028 | 28mm |
| 3MRC035 | 35mm |
| 3MRC042 | 42mm |
| 3MRC054 | 54mm |



**Brass Back  
Plates**

| Code    | Size       |
|---------|------------|
| 3MRBBPM | M10 Male   |
| 3MRBBPF | M10 Female |



**Pressed Brass  
Screw on  
Brackets**

| Code     | Size |
|----------|------|
| 3MPPC022 | 22mm |
| 3MPPC028 | 28mm |



**Chrome Back  
Plates M10**

| Code    | Size       |
|---------|------------|
| 3MRCBMP | M10 Male   |
| 3MRCBPF | M10 Female |



**Malleable  
Single  
Pipe Ring  
M10**

| Code    | Size          |
|---------|---------------|
| 3MSR025 | 1/4"          |
| 3MSR050 | 1/2" - 15nb   |
| 3MSR075 | 3/4" - 20nb   |
| 3MSR100 | 1" - 25nb     |
| 3MSR125 | 1 1/4" - 32nb |
| 3MSR150 | 1 1/2" - 40nb |
| 3MSR200 | 2" - 50nb     |
| 3MSR250 | 2 1/2" - 65nb |
| 3MSR300 | 3" - 80nb     |
| 3MSR400 | 4" - 100nb    |
| 3MSR500 | 5" - 125nb    |
| 3MSR600 | 6" - 150nb    |



**Malleable Iron  
Screw on  
brackets**

| Code     | Size          |
|----------|---------------|
| 3MIPC050 | 1/2" - 15nb   |
| 3MIPC075 | 3/4" - 20nb   |
| 3MIPC100 | 1" - 25nb     |
| 3MIPC125 | 1 1/4" - 32nb |
| 3MIPC150 | 1 1/2" - 40nb |
| 3MIPC200 | 2" - 50nb     |
| 3MIPC250 | 2 1/2" - 65nb |



**Galv Single  
Pipe Ring M10**

| Code    | Size          |
|---------|---------------|
| 3MRG050 | 1/2" - 15nb   |
| 3MRG100 | 1" - 25nb     |
| 3MRG125 | 1 1/4" - 32nb |
| 3MRG150 | 1 1/2" - 40nb |



**Malleable  
Back Plate**

|         |            |
|---------|------------|
| 3MSRBPF | M10 Female |
|---------|------------|



**Female  
Back Plate  
Zinc**

| Code       | Size                        |
|------------|-----------------------------|
| 3M10FMBPZP | M8/10 Female Back Plate BZP |



**Galv Back  
Plate**

| Code   | Size       |
|--------|------------|
| 3MRGBF | M10 Female |



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e: sales@vgf.co.uk www.vgf.co.uk

## Plastic Pipe Clips



**Double Hinged  
Pipe Clips**

| Code    | Size        |
|---------|-------------|
| 3CLTD15 | 15mm Double |
| 3CLTD22 | 22mm Double |



**Double Open  
Pipe Clips White**

| Code      | Size        |
|-----------|-------------|
| 3CLPOU15D | 15mm Double |
| 3CLPOU22D | 22mm Double |



**StarQuick Clips  
Suitable for all  
types of pipe  
upto 65mm**

| Code        | Size  |
|-------------|-------|
| 3CLSQPC1012 | 10-12 |
| 3CLSQPC1416 | 14-16 |
| 3CLSQPC1620 | 16-20 |
| 3CLSQPC2023 | 20-23 |
| 3CLSQPC2428 | 24-28 |
| 3CLSQPC2832 | 28-32 |
| 3CLSQPC3235 | 32-35 |
| 3CLSQPC3540 | 35-40 |
| 3CLSQPC4450 | 44-50 |



**Single Hinged  
Pipe Clips**

| Code    | Size        |
|---------|-------------|
| 3CLTS15 | 15mm Single |
| 3CLTS22 | 22mm Single |
| 3CLTS28 | 28mm Single |



**Single Open  
Pipe Clips White**

| Code      | Size        |
|-----------|-------------|
| 3CLPOU22S | 22mm Single |



**Spacer Clip**

| Code    | Size        |
|---------|-------------|
| 3CLTSP1 | Spacer Clip |



**Single Clip  
Lock  
Pipe Clips  
White**

| Code      | Size        |
|-----------|-------------|
| 3CLPKL15S | 15mm Single |
| 3CLPKL22S | 22mm Single |
| 3CLPKL28S | 28mm Single |



**StarQuick  
Fixing Rail**

| Code          | Size                 |
|---------------|----------------------|
| 3CLSQFR1000MM | 24wx10d x 1mtr Rail  |
| 3CLSQFR150MM  | 24wx10d x 150mm Rail |



**Nail-in Clip  
White**

| Code     | Size |
|----------|------|
| 3CLNCW15 | 15mm |
| 3CLNCW22 | 22mm |
| 3CLNCW28 | 28mm |



**Double Clip  
Lock  
Pipe Clips  
White**

| Code      | Size        |
|-----------|-------------|
| 3CLPKL15D | 15mm Double |
| 3CLPKL22D | 22mm Double |



**StarQuick Rail/  
Clip Adapter  
Required to  
fix clips to rail  
system**

| Code    |
|---------|
| 3CLSQRA |



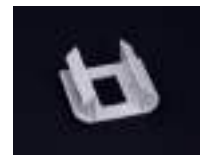
**Pipe Collar  
White /  
Chrome**

| Code     | Size        |
|----------|-------------|
| 3CLPC10  | 10mm        |
| 3CLPC15  | 15mm        |
| 3CLPC15C | 15mm Chrome |
| 3CLPC22  | 22mm        |
| 3CLPC28  | 28mm        |



**Spacer Block  
White Use with  
Cliplock & Open**

| Code     | Size |
|----------|------|
| 3CLPUS15 | 15mm |
| 3CLPUS22 | 22mm |

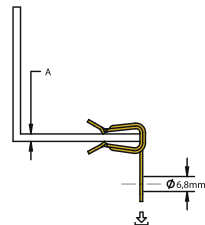


**StarQuick  
Unistrut Adapter  
Required to  
fix clips to  
conventional  
Unistrut**

| Code    |
|---------|
| 3CLSQSA |

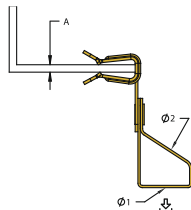


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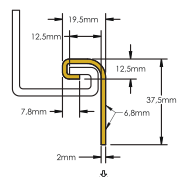
**TYPE H**

| Code      | Caddy Ref | A (mm) |
|-----------|-----------|--------|
| 3CAD2H4   | 170010    | 2-3    |
| 3CAD4H24  | 170020    | 3-8    |
| 3CAD4H58  | 170030    | 8-14   |
| 3CAD4H912 | 170040    | 14-20  |



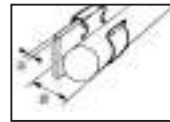
**TYPE HT**

| Code       | Caddy Ref | A (mm) | Ø1   |
|------------|-----------|--------|------|
| 3CADT1024  | 160010    | 3-8    | 11mm |
| 3CADT1058  | 160020    | 8-14   | 11mm |
| 3CADT10912 | 160030    | 14-20  | 11mm |



**TYPE PW2**

| Code    | Caddy Ref | Ø (mm) |
|---------|-----------|--------|
| 3CADPW2 | 175590    | 6, 8   |



**TYPE SC**

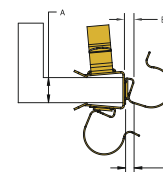
| Code        | Caddy Ref | A (mm) | Ø (mm) |
|-------------|-----------|--------|--------|
| 3KAB240607  | 187510    | 2-4    | 6-7    |
| 3KAB240708  | 187710    | 2-4    | 7-8    |
| 3KAB240809  | 187530    | 2-4    | 8-9    |
| 3KAB240910  | 187750    | 2-4    | 9-10   |
| 3KAB241011  | 187550    | 2-4    | 10-11  |
| 3KAB241214  | 187570    | 2-4    | 12-14  |
| 3KAB241518  | 187590    | 2-4    | 15-18  |
| 3KAB241924  | 187610    | 2-4    | 19-24  |
| 3KAB242530  | 187630    | 2-4    | 25-32  |
| 3KAB470607  | 187500    | 4-7    | 6-7    |
| 3KAB470809  | 187520    | 4-7    | 8-9    |
| 3KAB471011  | 187540    | 4-7    | 10-11  |
| 3KAB471214  | 187560    | 4-7    | 12-14  |
| 3KAB471518  | 187580    | 4-7    | 15-18  |
| 3KAB471924  | 187600    | 4-7    | 19-24  |
| 3KAB472530  | 187620    | 4-7    | 25-32  |
| 3KAB8120607 | 187640    | 8-12   | 6-7    |
| 3KAB8120809 | 187650    | 8-12   | 8-9    |
| 3KAB8120910 | 187770    | 8-12   | 9-10   |
| 3KAB8121011 | 187660    | 8-12   | 10-11  |
| 3KAB8121214 | 187670    | 8-12   | 12-14  |
| 3KAB8121518 | 187680    | 8-12   | 15-18  |
| 3KAB8121924 | 187690    | 8-12   | 19-24  |
| 3KAB8122530 | 187700    | 8-12   | 25-32  |



**J-Ti/T**

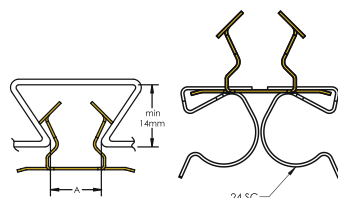
| Code       | Caddy Ref | A (mm)    | Ø1M | Ø2 mm |
|------------|-----------|-----------|-----|-------|
| 3CADM8TIJ1 | 174960    | 1.5 - 4.0 | M8  | 8.5   |

**TYPE SCA**



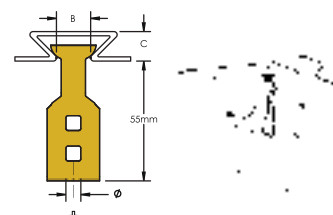
| Code     | Caddy Ref | A (mm) | Ø (mm) |
|----------|-----------|--------|--------|
| 3KABFADA | 160510    | 13-20  | 2-4    |

**TYPE SCD**

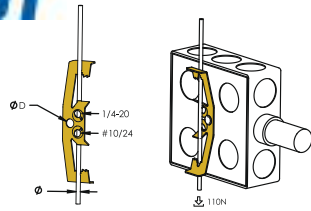


| Code        | Caddy Ref | A (mm) |
|-------------|-----------|--------|
| 3CADSCD1217 | 188170    | 12-17  |
| 3CADSCD1722 | 188180    | 17-22  |

**TYPE GTD**

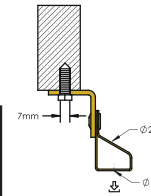


| Code           | Caddy Ref | B (mm) | C (mm) | Ø   |
|----------------|-----------|--------|--------|-----|
| 3CADM10GTD1217 | 160340    | 12-17  | >14    | M10 |



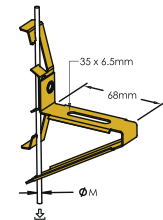
**TYPE 4Z34**

| Code     | Caddy Ref | Ø      | D (mm) |
|----------|-----------|--------|--------|
| 3CAD4Z34 | 170650    | M4-M8  | 6.5    |
| 3CAD6Z34 | 170720    | M8-M12 | 6.5    |



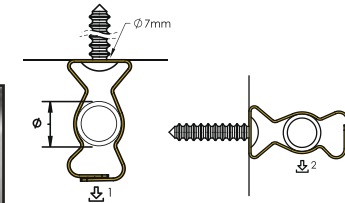
**TYPE B-Ti/T**

| Code       | Caddy Ref | Ø 1 | Ø 2   |
|------------|-----------|-----|-------|
| 3CADM6TIB  | 174850    | M6  | 11x15 |
| 3CADM8TIB  | 174940    | M8  | 11x15 |
| 3CADM10TIB | 175030    | M10 | 11x15 |

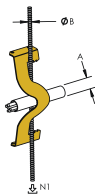


**TYPE Z-CTS**

| Code        | Caddy Ref | Ø      |
|-------------|-----------|--------|
| 3CAD4Z34CTS | 172950    | M4-M8  |
| 3CAD6Z34CTS | 172960    | M8-M12 |

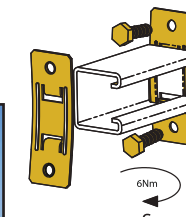


| Code     | Caddy Ref | Ø (mm) |
|----------|-----------|--------|
| 3CAD812M | 177130    | 18-30  |



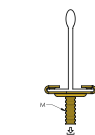
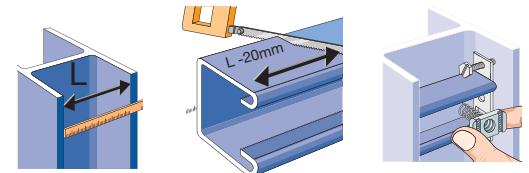
**TYPE K**

| Code    | Caddy Ref | A (mm) | ØB     |
|---------|-----------|--------|--------|
| 3CADK12 | 170670    | 18-24  | M4-M6  |
| 3CADK12 | 170670    | 16-22  | M8-M10 |
| 3CADK12 | 170670    | 14-20  | M12    |
| 3CADK16 | 170680    | 26-30  | M4-M6  |
| 3CADK16 | 170680    | 24-26  | M8-M10 |
| 3CADK16 | 170680    | 22-24  | M12    |



**TYPE INC8**

| Code     | Caddy Ref | A (mm) |
|----------|-----------|--------|
| 3CADINC8 | 336920    | 13     |



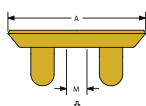
**TYPE 4G16M**

| Code        | Caddy Ref | A (mm) | B (mm) | M (mm) |
|-------------|-----------|--------|--------|--------|
| 3CAD4G16M16 | 171900    | 1.5    | 24-26  | 6x16   |



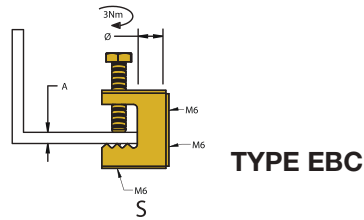
**TYPE 4G24WN**

| Code       | Caddy Ref | A (mm) | B (mm) | M (mm) |
|------------|-----------|--------|--------|--------|
| 3CAD4G24WN | 160290    | 1.5    | 24-26  | 6x16   |



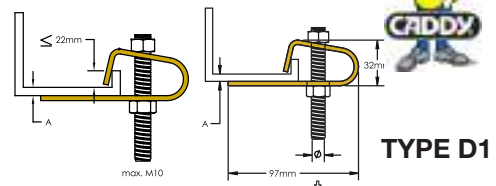
**TYPE 6WN**

| Code    | Caddy Ref | A (mm) | M  |
|---------|-----------|--------|----|
| 3CAD6WN | 171560    | 32     | M6 |



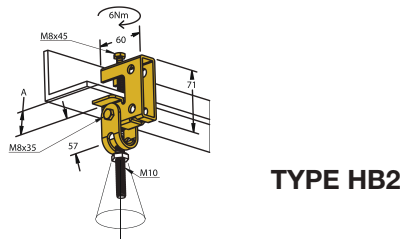
TYPE EBC

| Code    | Caddy Ref | A (mm) | Ø (mm) |
|---------|-----------|--------|--------|
| 3CADEBC | 170380    | <16    | 10.5   |



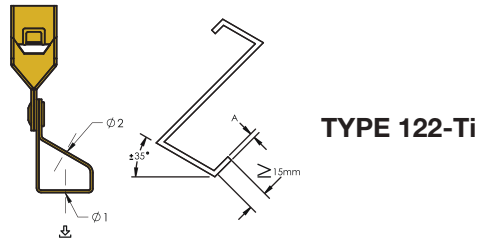
TYPE D1

| Code   | Caddy Ref | A (mm) | Ø (mm) |
|--------|-----------|--------|--------|
| 3CADD1 | 336280    | <4.0   | 11     |



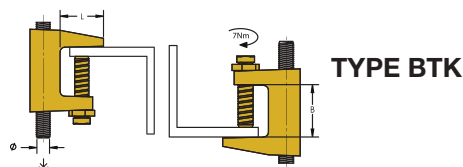
TYPE HB2

| Code    | Caddy Ref | A (mm) |
|---------|-----------|--------|
| 3CADHB2 | 336030    | <24    |



TYPE 122-Ti

| Code        | Caddy Ref | A (mm) | Ø1   |
|-------------|-----------|--------|------|
| 3CAD122M6TI | 174890    | <2.8   | M6   |
| 3CAD122M8TI | 174980    | <2.8   | M8   |
| 3CAD122T10  | 160240    | <2.8   | 11mm |

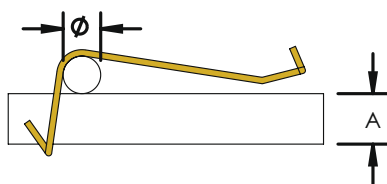


TYPE BTK

| Code       | Caddy Ref | B (mm) | Ø   | L (mm) |
|------------|-----------|--------|-----|--------|
| 3CADBTKM10 | 389890    | 31.8   | M10 | 21.4   |

## WCTM Cable Basket Clip

| Code     | Caddy Ref | A (mm) | Ø (mm) |
|----------|-----------|--------|--------|
| 3CADWCTM | 181996    | 8.0    | 5      |



## Pyramid Rooftop Support



Pyramid 50

| Code          | Height | Finish | Footprint | Strut |
|---------------|--------|--------|-----------|-------|
| 3CADRPS50H4EG | 100    | P1     | 263x100   | n/a   |
| 3CADRPS50H6EG | 150    | P1     | 263x120   | n/a   |

### Finish Details

P1 = Electro Galv  
P3 = Hot Dipped Galvanised  
P25 = Polyester superior corrosion resistance

Please note it is advisory that the use of Hot Dipped Galvanised Unistrut Fixings & containment are used for Rooftop applications.



## Caddy TSGB Partitioning Bracket

Caddy TSGB offers a unique, one-piece, break-apart design for mounting multiple runs of pipes or electrical boxes / conduits between studs easier than ever. The TSGB is adjustable to allow non-standard stud spacing and features interlocking tabs for convenient identification and bending. TSGB16 works with stud spacings from 280mm to 458mm. The TSGB24 works with stud spacing from 432mm to 660mm. Both versions of the TSGB are notched and marked for easy identification and bending.



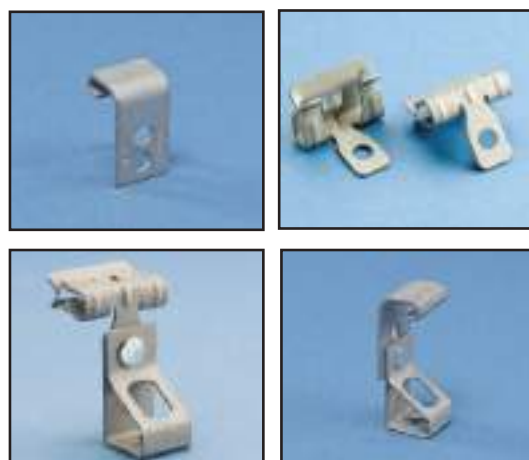
| Code         | Range       |
|--------------|-------------|
| 3CADTSGB16   | 280 - 458mm |
| 3CADTSGB24   | 432 - 660mm |
| 3CADTSGB1624 | 400 - 635mm |

## ESGP Grommet & MSP20

The ESGP Grommet provides 360° protection for cables, plumbing, fire protection piping & tubing. It fits all factory and field punched holes in metal studs due to its unique back-to-back design. For the field Erico offers the MSP20 Metal Stud Punch. The ESG Grommet is suitable for plastic steel or copper with outer diameters up to 28.5mm



| Code      | Description            |
|-----------|------------------------|
| 3CADESG1  | ESGP Easy snap grommet |
| 3CADMSP20 | MSP20 Punch For ESG1   |



## CADDY® Armour

### Superior Corrosion Resistance

ERICO is revolutionising corrosion protection with CADDY® Armour. This innovative new corrosion protection system for steel parts is UL® Recognised and RoHS compliant. Testing conducted by independent testing facilities and ERICO has proven CADDY® Armour to be the most advanced, self-healing coating available, providing the highest level of corrosion resistance on the market.

### Excellent Coat Quality

CADDY® Armour provides an extremely consistent and even coating. This aesthetically pleasing appearance is particularly important for installation in highly visible areas, such as open ceilings.- Utilising a state-of-the-art, computer-controlled process, the coating is applied consistently to each part, enabling improved corrosion resistance performance. Corrosion resistance is proven through the ASTM® B117 / DIN 50021 salt spray and GM 9540P Accelerated Cyclic Corrosion tests.



## Intumescent Acoustic Mastic

For sealing joints and service penetrations in fire walls, partitions, fire rated door frames and glazing system, joints upto 30mm and upto 4hr fire protection In addition will also provide an acoustic performance

| Code        | Description                       |
|-------------|-----------------------------------|
| 5MASPC      | 310ml Intumescent Acoustic Mastic |
| 5MASPCAS600 | 600ml Sausage / Foil Pack Mastic  |
| 5MASACOUS   | 900ml Intumescent Acoustic Mastic |



## Socket Box Inserts - Internal

For fire and acoustically sealing electrical back-boxes in dry-wall - This product is also tested for airtightness

| Code     | Description                            |
|----------|----------------------------------------|
| 3FSS135S | Airtight Socket Box Insert 35mm Single |
| 3FSS135D | Airtight Socket Box Insert 35mm Double |
| 3FSS147S | Airtight Socket Box Insert 47mm Single |
| 3FSS147D | Airtight Socket Box Insert 47mm Double |



## Intumescent Putty Pads

2hr Fire rated plus acoustic properties

| Code           | Description                                                 |
|----------------|-------------------------------------------------------------|
| 3FSINTUPPFIIDS | Cross Shaped Putty Pad Internal Double Socket 230 x 170     |
| 3FSINTUPPFIISS | Cross Shaped Putty Pad Internal Single Socket 170 x 170     |
| 3FSINTUPPFIEDS | Rectangle Shaped Putty Pad External Double Socket 280 x 210 |
| 3FSINTUPPFIESS | Square Shaped Putty Pad External Single Socket 155 x 155    |



## Intumescent Pipe Collars

Provide a simple and effective method of Firestopping for plastic pipework where it passes through compartment walls and floors upto 4 hr fire protection

### 2 Hour Fire rating

| Code       | Description                |
|------------|----------------------------|
| 3FSFC030/2 | 2 Hour Fire Collar 30/32mm |
| 3FSFC038/2 | 2 Hour Fire Collar 38/40mm |
| 3FSFC055/2 | 2 Hour Fire Collar 55mm    |
| 3FSFC063/2 | 2 Hour Fire Collar 63mm    |
| 3FSFC075/2 | 2 Hour Fire Collar 75mm    |
| 3FSFC082/2 | 2 Hour Fire Collar 82mm    |
| 3FSFC090/2 | 2 Hour Fire Collar 90mm    |
| 3FSFC110/2 | 2 Hour Fire Collar 110mm   |
| 3FSFC125/2 | 2 Hour Fire Collar 125mm   |
| 3FSFC160/2 | 2 Hour Fire Collar 160mm   |
| 3FSFC200/2 | 2 Hour Fire Collar 200mm   |
| 3FSFC225/2 | 2 Hour Fire Collar 225mm   |
| 3FSFC250/2 | 2 Hour Fire Collar 250mm   |
| 3FSFC275/2 | 2 Hour Fire Collar 275mm   |
| 3FSFC300/2 | 2 Hour Fire Collar 300mm   |
| 3FSFC315/2 | 2 Hour Fire Collar 315mm   |
| 3FSFC355/2 | 2 Hour Fire Collar 355mm   |

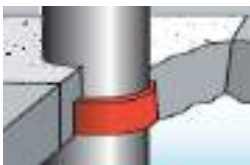
### 4 Hour Fire rating

| Code       | Description                |
|------------|----------------------------|
| 3FSFC030/4 | 4 Hour Fire Collar 30/32mm |
| 3FSFC038/4 | 4 Hour Fire Collar 38/40mm |
| 3FSFC055/4 | 4 Hour Fire Collar 55mm    |
| 3FSFC063/4 | 4 Hour Fire Collar 63mm    |
| 3FSFC075/4 | 4 Hour Fire Collar 75mm    |
| 3FSFC082/4 | 4 Hour Fire Collar 82mm    |
| 3FSFC090/4 | 4 Hour Fire Collar 90mm    |
| 3FSFC110/4 | 4 Hour Fire Collar 110mm   |
| 3FSFC125/4 | 4 Hour Fire Collar 125mm   |
| 3FSFC160/4 | 4 Hour Fire Collar 160mm   |
| 3FSFC200/4 | 4 Hour Fire Collar 200mm   |

All test reports available on request please email sales@vgf.co.uk



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## Intumescent Pipe Wraps

Provide a more economic alternative to fire collars for Firestopping plastic pipework upto 4 hr fire protection

### 2 Hour Fire rating

| Code       | Description                |
|------------|----------------------------|
| 3FSFW032/2 | 2 Hour Pipe Wrap 32mm DIA  |
| 3FSFW038/2 | 2 Hour Pipe Wrap 38mm DIA  |
| 3FSFW055/2 | 2 Hour Pipe Wrap 55mm DIA  |
| 3FSFW063/2 | 2 Hour Pipe Wrap 63mm DIA  |
| 3FSFW075/2 | 2 Hour Pipe Wrap 75mm DIA  |
| 3FSFW082/2 | 2 Hour Pipe Wrap 82mm DIA  |
| 3FSFW110/2 | 2 Hour Pipe Wrap 110mm DIA |
| 3FSFW125/2 | 2 Hour Pipe Wrap 125mm DIA |
| 3FSFW160/2 | 2 Hour Pipe Wrap 160mm DIA |

### 4 Hour Fire rating

| Code       | Description                |
|------------|----------------------------|
| 3FSFW032/4 | 4 Hour Pipe Wrap 32mm Dia  |
| 3FSFW038/4 | 4 Hour Pipe Wrap 38mm Dia  |
| 3FSFW055/4 | 4 Hour Pipe Wrap 55mm Dia  |
| 3FSFW063/4 | 4 Hour Pipe Wrap 63mm Dia  |
| 3FSFW075/4 | 4 Hour Pipe Wrap 75mm Dia  |
| 3FSFW082/4 | 4 Hour Pipe Wrap 82mm Dia  |
| 3FSFW110/4 | 4 Hour Pipe Wrap 110mm Dia |
| 3FSFW125/4 | 4 Hour Pipe Wrap 125mm Dia |
| 3FSFW160/4 | 4 Hour Pipe Wrap 160mm Dia |

## Flat Ducting Fire Sleeve Low Profile

| Code         | Description                                       |
|--------------|---------------------------------------------------|
| 3FSDS20460LP | 204 x 60 Low Profile Ducting Fire Sleeve Fire Fly |
| 3FSDS22090LP | 220x 90 Low Profile Ducting Fire Sleeve Fire Fly  |



## Thermal Fire Sleeves

Provides the benefits of thermal, acoustics and fire upto 2hr fire protection

| Code      | Description   |
|-----------|---------------|
| 3FSTPS17  | 17mm x 300mm  |
| 3FSTPS21  | 21mm x 300mm  |
| 3FSTPS27  | 27mm x 300mm  |
| 3FSTPS34  | 34mm x 300mm  |
| 3FSTPS42  | 42mm x 300mm  |
| 3FSTPS48  | 48mm x 300mm  |
| 3FSTPS54  | 54mm x 300mm  |
| 3FSTPS60  | 60mm x 300mm  |
| 3FSTPS67  | 67mm x 300mm  |
| 3FSTPS76  | 76mm x 300mm  |
| 3FSTPS80  | 80mm x 300mm  |
| 3FSTPS89  | 89mm x 300mm  |
| 3FSTPS102 | 102mm x 300mm |
| 3FSTPS108 | 108mm x 300mm |
| 3FSTPS114 | 114mm x 300mm |
| 3FSTPS127 | 127mm x 300mm |
| 3FSTPS140 | 140mm x 300mm |
| 3FSTPS159 | 159mm x 300mm |
| 3FSTPS169 | 169mm x 300mm |



## Intumescent Pillows

For temporary and permanent sealing of openings, cable trays and trunking

| Code         | Description          |
|--------------|----------------------|
| 3FSPILLOW50  | 35mm x 50mm x 300mm  |
| 3FSPILLOW100 | 35mm x 100mm x 300mm |
| 3FSPILLOW150 | 35mm x 150mm x 300mm |
| 3FSPILLOW200 | 35mm x 200mm x 300mm |

All test reports available on request please email sales@vgf.co.uk



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## NUTS



**Hex Full  
Nut BZP**

| VG Code | Size | Box Qty |
|---------|------|---------|
| 1NUTZ03 | M3   | 200     |
| 1NUTZ04 | M4   | 200     |
| 1NUTZ05 | M5   | 100     |
| 1NUTZ06 | M6   | 100     |
| 1NUTZ08 | M8   | 100     |
| 1NUTZ10 | M10  | 100     |
| 1NUTZ12 | M12  | 100     |
| 1NUTZ16 | M16  | 50      |
| 1NUTZ20 | M20  | 50      |
| 1NUTZ24 | M24  | 25      |



**Nyloc Nut  
BZP**  
(Type P)

| VG Code | Size | Box Qty |
|---------|------|---------|
| 1NUTN05 | M5   | 100     |
| 1NUTN06 | M6   | 100     |
| 1NUTN08 | M8   | 100     |
| 1NUTN10 | M10  | 100     |
| 1NUTN12 | M12  | 100     |
| 1NUTN16 | M16  | 50      |
| 1NUTN20 | M20  | 25      |



**Wing Nut  
BZP**

| VG Code  | Size | Box Qty |
|----------|------|---------|
| 1NUTZW06 | M6   | 100     |
| 1NUTZW08 | M8   | 100     |
| 1NUTZW10 | M10  | 100     |



**Hex Full  
Nut A2  
Stainless**

| VG Code | Size | Box Qty |
|---------|------|---------|
| 1NUTS04 | M4   | 100     |
| 1NUTS05 | M5   | 100     |
| 1NUTS06 | M6   | 100     |
| 1NUTS08 | M8   | 100     |
| 1NUTS10 | M10  | 100     |
| 1NUTS12 | M12  | 100     |
| 1NUTS16 | M16  | 100     |
| 1NUTS20 | M20  | 50      |



**Hex Full  
Nut Brass**

| VG Code  | Size | Box Qty |
|----------|------|---------|
| 1NUTB035 | M3.5 | 100     |
| 1NUTB04  | M4   | 100     |
| 1NUTB06  | M6   | 100     |
| 1NUTB08  | M8   | 100     |
| 1NUTB10  | M10  | 100     |
| 1NUTB12  | M12  | 100     |
| 1NUTB2BA | 2BA  | 100     |
| 1NUTB4BA | 4BA  | 100     |



**Hex Full  
Nut  
Galvanised**

| Stock Code | Size | Box Qty |
|------------|------|---------|
| 1NUTG06    | M6   | 100     |
| 1NUTG08    | M8   | 100     |
| 1NUTG10    | M10  | 100     |
| 1NUTG12    | M12  | 100     |
| 1NUTG16    | M16  | 100     |

### A/F Spanner Sizes

| Nut / Bolt<br>Diameter | Spanner Size<br>(mm) |
|------------------------|----------------------|
| M3                     | 5.5                  |
| M4                     | 7                    |
| M5                     | 9                    |
| M6                     | 10                   |
| M8                     | 13                   |
| M10                    | 17                   |
| M12                    | 19                   |
| M16                    | 24                   |
| M20                    | 30                   |
| M24                    | 36                   |

## WASHERS



**Flat Washer  
BZP**  
(Form A)

| VG Code | Size | Box Qty |
|---------|------|---------|
| 1WASZ03 | M3   | 200     |
| 1WASZ04 | M4   | 200     |
| 1WASZ05 | M5   | 100     |
| 1WASZ06 | M6   | 100     |
| 1WASZ08 | M8   | 100     |
| 1WASZ10 | M10  | 100     |
| 1WASZ12 | M12  | 100     |
| 1WASZ16 | M16  | 100     |
| 1WASZ20 | M20  | 100     |
| 1WASZ24 | M24  | 100     |



**Flat Washer  
A2 Stainless**  
(Form B)

| VG Code | Size | Box Qty |
|---------|------|---------|
| 1WASS04 | M4   | 100     |
| 1WASS05 | M5   | 100     |
| 1WASS06 | M6   | 100     |
| 1WASS08 | M8   | 100     |
| 1WASS10 | M10  | 100     |
| 1WASS12 | M12  | 100     |
| 1WASS16 | M16  | 100     |
| 1WASS20 | M20  | 100     |



**Flat Washer  
Brass**  
(Form A)

| VG Code | Size | Box Qty |
|---------|------|---------|
| 1WASB04 | M4   | 100     |
| 1WASB06 | M6   | 100     |
| 1WASB08 | M8   | 100     |
| 1WASB10 | M10  | 100     |
| 1WASB12 | M12  | 100     |



**Flat Washer  
Nylon**

| Stock Code | Size | Box Qty |
|------------|------|---------|
| 1WASN06    | M6   | 100     |
| 1WASN08    | M8   | 100     |
| 1WASN10    | M10  | 100     |
| 1WASN12    | M12  | 100     |
| 1WASN16    | M16  | 100     |
| 1WASN20    | M20  | 100     |



**Penny  
Washer A2  
Stainless**

| Stock Code | Size (mm) | Box Qty |
|------------|-----------|---------|
| 1WASSPEN06 | M6 x 25   | 200     |
| 1WASSPEN08 | M8 x 25   | 200     |
| 1WASSPEN10 | M10 x 25  | 200     |



**Penny  
Washer BZP**

| Stock Code | Size (mm) | Box Qty |
|------------|-----------|---------|
| 1WASP04820 | M5 x 20   | 100     |
| 1WASP04825 | M5 x 25   | 100     |
| 1WASP06420 | M6 x 20   | 100     |
| 1WASP06425 | M6 x 25   | 100     |
| 1WASP06432 | M6 x 30   | 100     |
| 1WASP0825  | M8 x 25   | 100     |
| 1WASP0832  | M8 x 30   | 100     |
| 1WASP0838  | M8 x 40   | 100     |
| 1WASP1025  | M10 x 25  | 100     |
| 1WASP1032  | M10 x 30  | 100     |
| 1WASP1038  | M10 x 40  | 100     |
| 1WASP1338  | M12 x 40  | 100     |



**Flat Washer  
Galvanised**  
(Form A)

| Stock Code | Size | Box Qty |
|------------|------|---------|
| 1WASG08    | M8   | 100     |
| 1WASG10    | M10  | 100     |
| 1WASG12    | M12  | 100     |
| 1WASG16    | M16  | 100     |



**Penny  
Washer  
Galvanised**

| Stock Code | Size (mm) | Box Qty |
|------------|-----------|---------|
| 1WASPG0825 | M8 x 25   | 100     |
| 1WASPG1025 | M10 x 25  | 100     |
| 1WASPG1236 | M12 x 36  | 100     |





### Square Section Spring Washer BZP

| VG Code  | Size | Box Qty |
|----------|------|---------|
| 1WASSP04 | M4   | 100     |
| 1WASSP05 | M5   | 100     |
| 1WASSP06 | M6   | 100     |
| 1WASSP08 | M8   | 100     |
| 1WASSP10 | M10  | 100     |
| 1WASSP12 | M12  | 100     |
| 1WASSP16 | M16  | 100     |
| 1WASSP20 | M20  | 100     |
| 1WASSP24 | M24  | 100     |



### Spring Washer Phos Bronze

| VG Code  | Size | Box Qty |
|----------|------|---------|
| 1WASPH06 | M6   | 100     |
| 1WASPH08 | M8   | 100     |
| 1WASPH10 | M10  | 100     |



### Aluminium Rivets

| VG Code  | Diameter | Length | Box Qty |
|----------|----------|--------|---------|
| 1RIV3007 | 3.0      | 7      | 100     |
| 1RIV3011 |          | 11     | 100     |
| 1RIV3207 | 3.2      | 7      | 100     |
| 1RIV3211 |          | 11     | 100     |
| 1RIV4008 | 4.0      | 8      | 100     |
| 1RIV4809 | 4.8      | 9      | 100     |



### T&E Cable Clips

| Stock Code | Description                      | Unit |
|------------|----------------------------------|------|
| 3CLPF1.0G  | Cable Clips Flat 1mm Grey T&E    | 1000 |
| 3CLPF1.0W  | Cable Clips Flat 1mm White T&E   | 1000 |
| 3CLPF1.5G  | Cable Clips Flat 1.5mm Grey T&E  | 1000 |
| 3CLPF1.5W  | Cable Clips Flat 1.5mm White T&E | 1000 |
| 3CLPF2.5G  | Cable Clips Flat 2.5mm Grey T&E  | 1000 |
| 3CLPF2.5W  | Cable Clips Flat 2.5mm White T&E | 1000 |
| 3CLPF4.0G  | Cable Clips Flat 4mm Grey T&E    | 1000 |
| 3CLPF4.0W  | Cable Clips Flat 4mm White T&E   | 1000 |
| 3CLPF6.0G  | Cable Clips Flat 6mm Grey T&E    | 1000 |
| 3CLPF6.0W  | Cable Clips Flat 6mm White T&E   | 1000 |
| 3CLPF10.0G | Cable Clips Flat 10mm Grey T&E   | 1000 |
| 3CLPF10.0W | Cable Clips Flat 10mm White T&E  | 1000 |



### Internal Shake Proof Washer BZP

| Stock Code | Size | Box Qty |
|------------|------|---------|
| 1WASSH06   | M6   | 100     |
| 1WASSH08   | M8   | 100     |
| 1WASSH10   | M10  | 100     |
| 1WASSH12   | M12  | 100     |



### Perforated Banding

| Stock Code | Description                                          |
|------------|------------------------------------------------------|
| 3BANG12    | 12mm Galvanised Banding 10mtr c/w 5mm Hole           |
| 3BANG17    | 17mm Galvanised Banding 10mtr c/w 7mm Hole           |
| 3BANG26    | 26mm Black Plastic Coated Banding 10mtr c/w 7mm Hole |
| 3BANP12    | 12mm Black Plastic Coated Banding 10mtr c/w 5mm Hole |
| 3BANP17    | 17mm Black Plastic Coated Banding 10mtr c/w 7mm Hole |



### Snap Head Rivets Al/Steel

| VG Code   | Diameter | Length | Box Qty |
|-----------|----------|--------|---------|
| 1RIVM3211 | 3.2      | 11     | 1000    |
| 1RIVM4095 | 4        | 10     | 1000    |



### Square Plate Washer BZP 3mm Thick

| VG Code     | Size     | Box Qty |
|-------------|----------|---------|
| 1WASSQ10050 | M10 x 50 | 50      |
| 1WASSQ12050 | M12 x 50 | 50      |
| 1WASSQ16050 | M16 x 50 | 50      |



### Hose Clips BZP

| Stock Code | Description             |
|------------|-------------------------|
| 3CLH0951   | Hose Clips 9.5-12mm 000 |
| 3CLH1116   | Hose Clips 11-16mm M00  |
| 3CLH1320   | Hose Clips 13-20mm OO   |
| 3CLH1622   | Hose Clips 16-22mm O    |
| 3CLH1825   | Hose Clips 18-25mm OX   |
| 3CLH2230   | Hose Clips 22-30mm 1A   |
| 3CLH2535   | Hose Clips 25-35mm 1    |
| 3CLH3550   | Hose Clips 35-50mm 2A   |
| 3CLH3040   | Hose Clips 30-40mm 1X   |
| 3CLH4055   | Hose Clips 40-55mm 2    |
| 3CLH5570   | Hose Clips 55-70mm 3    |



### Riveting Tools

| Stock Code | Description       | Unit |
|------------|-------------------|------|
| 1RIVLOB    | Hand Rivet Pliers | 1    |



### Cable Clasps

| Stock Code   | Description                    |
|--------------|--------------------------------|
| 7CABLECLASPS | Single Cable Clasp - 8 cables  |
| 7CABLECLASPD | Double Cable Clasp - 16 cables |



### Ring Terminals

| Stock Code | Description                       | Unit |
|------------|-----------------------------------|------|
| 1TERMRBM4  | M4 Blue Ring Terminal Insulated   | 100  |
| 1TERMRYM6  | M6 Yellow Ring Terminal Insulated | 100  |



### Connector Strips (Pack 10)

| Stock Code | Description            | Unit |
|------------|------------------------|------|
| 9SC03N10   | 3 Amp Connector Strip  | 1    |
| 9SC05N10   | 5 Amp Connector Strip  | 1    |
| 9SC15N10   | 15 Amp Connector Strip | 1    |
| 9SC30N10   | 30 Amp Connector Strip | 1    |
| 9SC60N10   | 60 Amp Connector Strip | 1    |





### High Tensile Set Screw BZP GR 8.8

| VG Code    | Dia. | Lgth | Box Qty |
|------------|------|------|---------|
| 1SETZ05012 | M5   | 12   | 500     |
| 1SETZ06012 | M6   | 12   | 500     |
| 1SETZ06016 |      | 16   | 500     |
| 1SETZ06020 |      | 20   | 500     |
| 1SETZ06025 |      | 25   | 500     |
| 1SETZ06030 |      | 30   | 500     |
| 1SETZ06040 |      | 40   | 200     |
| 1SETZ06050 |      | 50   | 200     |
| 1SETZ08020 | M8   | 20   | 200     |
| 1SETZ08025 |      | 25   | 200     |
| 1SETZ08030 |      | 30   | 200     |
| 1SETZ08035 |      | 35   | 200     |
| 1SETZ08050 |      | 50   | 200     |
| 1SETZ08060 |      | 60   | 200     |
| 1SETZ08070 |      | 70   | 200     |
| 1SETZ08080 |      | 80   | 200     |
| 1SETZ08100 |      | 100  | 100     |
| 1SETZ10020 | M10  | 20   | 200     |
| 1SETZ10025 |      | 25   | 200     |
| 1SETZ10030 |      | 30   | 200     |
| 1SETZ10035 |      | 35   | 100     |
| 1SETZ10040 |      | 40   | 100     |
| 1SETZ10050 |      | 50   | 100     |
| 1SETZ10060 |      | 60   | 100     |
| 1SETZ10070 |      | 70   | 100     |
| 1SETZ10080 |      | 80   | 100     |
| 1SETZ10100 |      | 100  | 100     |
| 1SETZ12025 | M12  | 25   | 50      |
| 1SETZ12030 |      | 30   | 50      |
| 1SETZ12035 |      | 35   | 50      |
| 1SETZ12040 |      | 40   | 50      |
| 1SETZ12050 |      | 50   | 50      |
| 1SETZ12060 |      | 60   | 50      |
| 1SETZ12070 |      | 70   | 25      |
| 1SETZ12080 |      | 80   | 25      |
| 1SETZ12090 |      | 90   | 25      |
| 1SETZ12100 |      | 100  | 25      |
| 1SETZ16025 | M16  | 25   | 50      |
| 1SETZ16030 |      | 30   | 50      |
| 1SETZ16035 |      | 35   | 50      |
| 1SETZ16040 |      | 40   | 50      |
| 1SETZ16045 |      | 45   | 50      |
| 1SETZ16050 |      | 50   | 50      |
| 1SETZ16060 |      | 60   | 50      |
| 1SETZ16070 |      | 70   | 25      |
| 1SETZ16080 |      | 80   | 25      |
| 1SETZ16100 |      | 100  | 25      |
| 1SETZ20045 | M20  | 45   | 25      |
| 1SETZ20050 |      | 50   | 25      |
| 1SETZ20060 |      | 60   | 25      |
| 1SETZ20070 |      | 70   | 25      |
| 1SETZ20080 |      | 80   | 25      |



### Set Screw Brass

| VG Code   | Dia. | Lgth | Box Qty |
|-----------|------|------|---------|
| 1SETB0612 | M6   | 12   | 100     |
| 1SETB0616 |      | 16   | 100     |
| 1SETB0620 |      | 20   | 100     |
| 1SETB0625 |      | 25   | 100     |
| 1SETB0635 |      | 35   | 100     |
| 1SETB0640 |      | 40   | 100     |
| 1SETB0825 | M8   | 25   | 100     |
| 1SETB0835 |      | 35   | 100     |
| 1SETB0840 |      | 40   | 100     |
| 1SETB1025 | M10  | 25   | 50      |
| 1SETB1035 |      | 35   | 50      |



### High Tensile Bolts BZP GR 8.8

| VG Stock Code | Dia. | Lgth | Box Qty |
|---------------|------|------|---------|
| 1HTB12060     | M12  | 60   | 50      |
| 1HTB12100     |      | 100  | 50      |
| 1HTB12110     |      | 110  | 50      |
| 1HTB16060     | M16  | 60   | 25      |
| 1HTB16065     |      | 65   | 25      |
| 1HTB16070     |      | 70   | 25      |
| 1HTB16075     |      | 75   | 25      |
| 1HTB16080     |      | 80   | 25      |
| 1HTB16090     |      | 90   | 25      |
| 1HTB16100     |      | 100  | 25      |
| 1HTB16110     |      | 110  | 25      |
| 1HTB16120     |      | 120  | 25      |
| 1HTB16130     |      | 130  | 25      |
| 1HTB16140     |      | 140  | 25      |
| 1HTB20070     | M20  | 70   | 50      |
| 1HTB20080     |      | 80   | 50      |
| 1HTB20100     |      | 100  | 25      |
| 1HTB20140     |      | 140  | 25      |
| 1HTB20150     |      | 150  | 25      |



### Roofing Bolts Galvanised

| Stock Code | Dia. | Lgth | Box Qty |
|------------|------|------|---------|
| 1ROFG6012  | M6   | 12   | 100     |
| 1ROFG6016  |      | 16   | 100     |
| 1ROFG6020  |      | 20   | 100     |
| 1ROFG6025  |      | 25   | 100     |



### Roofing Bolts and Nuts BZP

| Stock Code | Dia. | Lgth | Box Qty |
|------------|------|------|---------|
| 1ROF6008   | M6   | 8    | 200     |
| 1ROF6010   |      | 10   | 200     |
| 1ROF6012   |      | 12   | 200     |
| 1ROF6016   |      | 16   | 200     |
| 1ROF6020   |      | 20   | 200     |
| 1ROF6025   |      | 25   | 200     |
| 1ROF6030   |      | 30   | 200     |
| 1ROF6035   |      | 35   | 200     |
| 1ROF6040   |      | 40   | 200     |
| 1ROF6050   |      | 50   | 100     |
| 1ROF6060   |      | 60   | 100     |
| 1ROF6070   |      | 70   | 100     |
| 1ROF6080   |      | 80   | 100     |
| 1ROF6100   |      | 100  | 100     |



## Studding



### Mild Steel Studding 4.6 Grade - BZP

| VG Code  | Dia. | Lgth  | Bundle Qty |
|----------|------|-------|------------|
| 1STUZ106 | M6   | 1 mtr | 50         |
| 1STUZ206 |      | 2 mtr | 50         |
| 1STUZ306 |      | 3 mtr | 50         |
| 1STUZ108 | M8   | 1 mtr | 25         |
| 1STUZ208 |      | 2 mtr | 25         |
| 1STUZ308 |      | 3 mtr | 25         |
| 1STUZ110 | M10  | 1 mtr | 20         |
| 1STUZ210 |      | 2 mtr | 20         |
| 1STUZ310 |      | 3 mtr | 20         |
| 1STUZ112 | M12  | 1 mtr | 10         |
| 1STUZ212 |      | 2 mtr | 10         |
| 1STUZ312 |      | 3 mtr | 10         |
| 1STUZ116 | M16  | 1 mtr | 10         |
| 1STUZ216 |      | 2 mtr | 10         |
| 1STUZ316 |      | 3 mtr | 10         |
| 1STUZ120 | M20  | 1 mtr | 5          |
| 1STUZ220 |      | 2 mtr | 5          |
| 1STUZ320 |      | 3 mtr | 5          |



### Mild Steel Studding 4.6 Grade - Galvanised

| VG Code  | Dia. | Lgth  | Bundle Qty |
|----------|------|-------|------------|
| 1STUG110 | M10  | 1 mtr | 10         |
| 1STUG310 | M10  | 3 mtr | 10         |
| 1STUG112 | M12  | 1 mtr | 10         |
| 1STUG116 | M16  | 1 mtr | 5          |
| 1STUG120 | M20  | 1 mtr | 5          |
| 1STUG124 | M24  | 1 mtr | 5          |



### Double Threaded Dowels

| Stock Code | Dia | Length | Box Qty |
|------------|-----|--------|---------|
| 3DTD08060  | M8  | 60     | 100     |
| 3DTD08080  |     | 80     | 100     |
| 3DTD10100  | M10 | 100    | 100     |
| 3DTD10120  |     | 120    | 100     |



### Hexagon Threaded Couplers BZP

| Stock Code | Thread size | Box Qty |
|------------|-------------|---------|
| 1COUP06    | M6          | 100     |
| 1COUP08    | M8          | 100     |
| 1COUP10    | M10         | 50      |
| 1COUP12    | M12         | 50      |
| 1COUP16    | M16         | 25      |



### Pre Cut Studs BZP

| Stock Code | Description |
|------------|-------------|
| 1STUZ10025 | M10x25      |
| 1STUZ10030 | M10x30      |
| 1STUZ10040 | M10x40      |
| 1STUZ10050 | M10x50      |
| 1STUZ10060 | M10x60      |
| 1STUZ10070 | M10x70      |
| 1STUZ10080 | M10x80      |
| 1STUZ10090 | M10x90      |
| 1STUZ10100 | M10x100     |
| 1STUZ10120 | M10x120     |
| 1STUZ10150 | M10x150     |
| 1STUZ10180 | M10x180     |
| 1STUZ10200 | M10x200     |
| 1STUZ10110 | M10x110     |
| 1STUZ10140 | M10x140     |
| 1STUZ10220 | M10x220     |
| 1STUZ10250 | M10x250     |

### Push On Stud Protection Caps

| VG Code     | Size | Colour | Box Qty |
|-------------|------|--------|---------|
| 1STUZM6CAP  | M6   | Yellow | 100     |
| 1STUZM8CAP  | M8   | Black  | 100     |
| 1STUZM10CAP | M10  | Black  | 100     |
| 1STUZM12CAP | M12  | Black  | 100     |



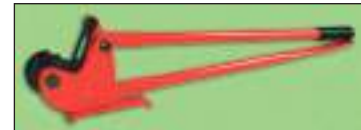
### Studding A2 Stainless Steel

| VG Code  | Dia. | Lgth  | Bundle Qty |
|----------|------|-------|------------|
| 1STUS106 | M6   | 1 mtr | 20         |
| 1STUS108 | M8   | 1 mtr | 10         |
| 1STUS110 | M10  | 1 mtr | 10         |
| 1STUS112 | M12  | 1 mtr | 10         |
| 1STUS116 | M16  | 1 mtr | 5          |
| 1STUS120 | M20  | 1 mtr | 5          |



### Ball Swivel Hangers BZP

| Code        | Size            |
|-------------|-----------------|
| 3BSHM10     | M10 15MM THREAD |
| 3BSHM10LONG | M10 30MM THREAD |
| 3BSHM08     | M8 15MM THREAD  |



### Rod Cutter & Dies

| Stock Code | Description              | Unit |
|------------|--------------------------|------|
| 5RCM10     | Rod Cutter M10           | 1    |
| 5RCSDM10   | Rod Cutter Spare Die M10 | 1    |
| 5RCSDM6    | Rod Cutter Spare Die M6  | 1    |
| 5RCSDM8    | Rod Cutter Spare Die M8  | 1    |



### Thread Adaptors BZP

| Code      | Male / Female |
|-----------|---------------|
| 3TA06M8F  | M6 / M8       |
| 3TA08M10F | M8 / M10      |
| 3TA10M6F  | M10 / M6      |
| 3TA10M8F  | M10 / M8      |
| 3TA10M12F | M10 / M12     |
| 3TA12M10F | M12 / M10     |
| 3TA16M12F | M16 / M12     |



### Eyebolts BZP

| Code      | Size    |
|-----------|---------|
| 1EYE6100  | M6x100  |
| 1EYE880   | M8x80   |
| 1EYE10150 | M10x150 |





### Machine Screws BZP Countersunk Pozi

| Stock Code | Diameter | Lgth (mm) | Box Qty |
|------------|----------|-----------|---------|
| 1MSZCS520  | M5       | 20        | 100     |
| 1MSZCS525  |          | 25        | 100     |
| 1MSZCS530  |          | 30        | 100     |
| 1MSZCS550  | M6       | 50        | 100     |
| 1MSZCS612  |          | 12        | 100     |
| 1MSZCS620  |          | 20        | 100     |
| 1MSZCS625  |          | 25        | 100     |
| 1MSZCS640  |          | 40        | 100     |
| 1MSZCS650  |          | 50        | 100     |



### Brass Pan Slotted Machine Screws

| Stock Code | Dia. | Lgth (mm) | Box Qty |
|------------|------|-----------|---------|
| 1MSBP406   | M4   | 6         | 100     |
| 1MSBP408   |      | 8         | 100     |
| 1MSBP410   |      | 10        | 100     |
| 1MSBP412   |      | 12        | 100     |
| 1MSBP416   |      | 16        | 100     |
| 1MSBP420   |      | 20        | 100     |
| 1MSBP425   |      | 25        | 100     |
| 1MSBP435   |      | 35        | 100     |
| 1MSBP440   |      | 40        | 100     |
| 1MSBP450   |      | 50        | 100     |
| 1MSBP480   |      | 80        | 100     |



### Machine Screws BZP Pan Pozi

| Stock Code | Diameter | Lgth (mm) | Box Qty |
|------------|----------|-----------|---------|
| 1MSZPS316  | M3       | 16        | 100     |
| 1MSZPS325  | M4       | 25        | 100     |
| 1MSZPS412  |          | 12        | 100     |
| 1MSZPS416  |          | 16        | 100     |
| 1MSZPS420  |          | 20        | 100     |
| 1MSZPS425  |          | 25        | 100     |
| 1MSZPS430  | M5       | 30        | 100     |
| 1MSZPS440  |          | 40        | 100     |
| 1MSZPS450  |          | 50        | 100     |
| 1MSZPS512  |          | 12        | 100     |
| 1MSZPS516  |          | 16        | 100     |
| 1MSZPS520  | M6       | 20        | 100     |
| 1MSZPS525  |          | 25        | 100     |
| 1MSZPS530  |          | 30        | 100     |
| 1MSZPS540  |          | 40        | 100     |
| 1MSZPS550  |          | 50        | 100     |
| 1MSZPS560  |          | 60        | 100     |
| 1MSZPS570  |          | 70        | 100     |
| 1MSZPS590  |          | 90        | 100     |
| 1MSZPS612  |          | 12        | 100     |
| 1MSZPS616  |          | 16        | 100     |
| 1MSZPS620  |          | 20        | 100     |
| 1MSZPS625  |          | 25        | 100     |
| 1MSZPS630  |          | 30        | 100     |
| 1MSZPS640  |          | 40        | 100     |
| 1MSZPS660  |          | 60        | 100     |
| 1MSZPS670  |          | 70        | 100     |
| 1MSZPS690  |          | 90        | 100     |



### Raised Machine Screw Bright Nickel Plated on Steel

| Stock Code     | Dia. | Lgth (mm) | Box Qty |
|----------------|------|-----------|---------|
| 1MSNP3512      | M3.5 | 12        | 100     |
| 1MSNP3525      |      | 25        | 100     |
| 1MSNP3530      |      | 30        | 100     |
| 1MSNP3535      |      | 35        | 100     |
| 1MSNP3540      |      | 40        | 100     |
| 1MSNP3550      |      | 50        | 100     |
| 1MSNP3560      |      | 60        | 100     |
| 1MSNP3575      |      | 75        | 100     |
| Extension Stud |      |           |         |
| 1MSNP3535EXT   | M3.5 | 35        | 100     |



### Machine Screws Brass Self Colour Raised Countersunk

| Stock Code | Dia. | Lgth (mm) | Box Qty |
|------------|------|-----------|---------|
| 1MSBR3550  | 3.5  | 50        | 100     |



### Machine Screws Brass Round Head

| Stock Code  | Dia. | Lgth (mm) | Box Qty |
|-------------|------|-----------|---------|
| 1MSBR2BA050 | 2BA  | 12        | 100     |
| 1MSBR2BA075 |      | 18        | 100     |
| 1MSBR2BA100 |      | 25        | 100     |
| 1MSBR2BA150 |      | 38        | 100     |
| 1MSBR2BA200 |      | 50        | 100     |

## Self Tappers



### Self Tappers Type AB Pan Pozi BZP

| Stock Code | Size       | Box Qty |
|------------|------------|---------|
| 1PKPP08050 | 8 x 1/2    | 1000    |
| 1PKPP08075 | 8 x 3/4    | 1000    |
| 1PKPP08100 | 8 x 1      | 1000    |
| 1PKPP08150 | 8 x 1 1/2  | 500     |
| 1PKPP10075 | 10 x 3/4   | 500     |
| 1PKPP10100 | 10 x 1     | 500     |
| 1PKPP10150 | 10 x 1 1/2 | 250     |
| 1PKPP12100 | 12 x 1     | 500     |
| 1PKPP12150 | 12 x 1 1/2 | 250     |
| 1PKPP12200 | 12 x 2     | 250     |



### Self Tappers Type AB Countersunk Pozi BZP

| Stock Code | Size       | Box Qty |
|------------|------------|---------|
| 1PKCP06050 | 6 x 1/2    | 1000    |
| 1PKCP06100 | 6 x 1      | 500     |
| 1PKCP06125 | 6 x 1 1/4  | 500     |
| 1PKCP06150 | 6 x 1 1/2  | 500     |
| 1PKCP08050 | 8 x 1/2    | 500     |
| 1PKCP08075 | 8 x 3/4    | 500     |
| 1PKCP08100 | 8 x 1      | 500     |
| 1PKCP08125 | 8 x 1 1/4  | 500     |
| 1PKCP08150 | 8 x 1 1/2  | 500     |
| 1PKCP08200 | 8 x 2      | 500     |
| 1PKCP10150 | 10 x 1 1/2 | 250     |
| 1PKCP10200 | 10 x 2     | 250     |

### Self Tappers Technical Information

| Screw Gauge         | Steel Thickness | Pilot Drill | Clearance Drill |
|---------------------|-----------------|-------------|-----------------|
| No. 6 Dia. (3.5mm)  | 0.5mm           | 2.35mm      | 3.6mm           |
|                     | 1.6mm           | 2.95mm      | 3.6mm           |
|                     | 2.6mm           | 3.2mm       | 3.6mm           |
| No. 8 Dia. (4.2mm)  | 0.7mm           | 2.9mm       | 4.2mm           |
|                     | 1.6mm           | 3.4mm       | 4.2mm           |
|                     | 2.9mm           | 3.8mm       | 4.2mm           |
| No. 10 Dia. (4.8mm) | 0.7mm           | 3.4mm       | 4.9mm           |
|                     | 2.9mm           | 4.1mm       | 4.9mm           |
|                     | 3.2mm           | 4.5mm       | 4.9mm           |
| No. 12 Dia. (5.5mm) | 0.7mm           | 4.1mm       | 5.5mm           |
|                     | 1.6mm           | 4.5mm       | 5.5mm           |
|                     | 4.8mm           | 5.1mm       | 5.5mm           |



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### Chipboard Screw Countersunk Pozi Z&Y

| Code     | Size      | Qty |
|----------|-----------|-----|
| 1WCB312  | 3.0 x 12  | 200 |
| 1WCB315  | 3.0 x 15  | 200 |
| 1WCB320  | 3.0 x 20  | 200 |
| 1WCB325  | 3.0 x 25  | 200 |
| 1WCB3520 | 3.5 x 20  | 200 |
| 1WCB3525 | 3.5 x 25  | 200 |
| 1WCB3540 | 3.5 x 40  | 200 |
| 1WCB3550 | 3.5 x 50  | 200 |
| 1WCB4020 | 4.0 x 20  | 200 |
| 1WCB4025 | 4.0 x 25  | 200 |
| 1WCB4030 | 4.0 x 30  | 200 |
| 1WCB4035 | 4.0 x 35  | 200 |
| 1WCB4040 | 4.0 x 40  | 200 |
| 1WCB4045 | 4.0 x 45  | 200 |
| 1WCB4050 | 4.0 x 50  | 200 |
| 1WCB4060 | 4.0 x 60  | 200 |
| 1WCB4525 | 4.5 x 25  | 200 |
| 1WCB4530 | 4.5 x 30  | 200 |
| 1WCB4535 | 4.5 x 35  | 200 |
| 1WCB4540 | 4.5 x 40  | 200 |
| 1WCB4550 | 4.5 x 50  | 200 |
| 1WCB4560 | 4.5 x 60  | 200 |
| 1WCB4570 | 4.5 x 70  | 200 |
| 1WCB5025 | 5.0 x 25  | 200 |
| 1WCB5030 | 5.0 x 30  | 200 |
| 1WCB5035 | 5.0 x 35  | 200 |
| 1WCB5040 | 5.0 x 40  | 200 |
| 1WCB5045 | 5.0 x 45  | 200 |
| 1WCB5050 | 5.0 x 50  | 200 |
| 1WCB5060 | 5.0 x 60  | 100 |
| 1WCB5070 | 5.0 x 70  | 100 |
| 1WCB5080 | 5.0 x 80  | 100 |
| 1WCB5090 | 5.0 x 90  | 100 |
| 1WCB5100 | 5.0 x 100 | 100 |
| 1WCB6040 | 6.0 x 40  | 200 |
| 1WCB6050 | 6.0 x 50  | 100 |
| 1WCB6070 | 6.0 x 70  | 100 |
| 1WCB6080 | 6.0 x 80  | 100 |
| 1WCB6090 | 6.0 x 90  | 100 |
| 1WCB6100 | 6.0 x 100 | 100 |
| 1WCB6120 | 6.0 x 120 | 100 |
| 1WCB6150 | 6.0 x 150 | 100 |



### Twinthread Woodscrew Countersunk Pozi BZP

| Vanguard Code | Size       | Box Qty |
|---------------|------------|---------|
| 1WCP06050     | 6 x 1/2    | 200     |
| 1WCP06075     | 6 x 3/4    | 200     |
| 1WCP06100     | 6 x 1      | 200     |
| 1WCP06125     | 6 x 1 1/4  | 200     |
| 1WCP06150     | 6 x 1 1/2  | 200     |
| 1WCP06200     | 6 x 2      | 200     |
| 1WCP08050     | 8 x 1/2    | 200     |
| 1WCP08075     | 8 x 3/4    | 200     |
| 1WCP08100     | 8 x 1      | 200     |
| 1WCP08125     | 8 x 1 1/4  | 200     |
| 1WCP08150     | 8 x 1 1/2  | 200     |
| 1WCP08175     | 8 x 1 3/4  | 200     |
| 1WCP08200     | 8 x 2      | 200     |
| 1WCP08225     | 8 x 2 1/4  | 200     |
| 1WCP08250     | 8 x 2 1/2  | 200     |
| 1WCP08300     | 8 x 3      | 100     |
| 1WCP10075     | 10 x 3/4   | 200     |
| 1WCP10100     | 10 x 1     | 200     |
| 1WCP10125     | 10 x 1 1/4 | 200     |
| 1WCP10150     | 10 x 1 1/2 | 200     |
| 1WCP10175     | 10 x 1 3/4 | 200     |
| 1WCP10200     | 10 x 2     | 200     |
| 1WCP10225     | 10 x 2 1/4 | 200     |
| 1WCP10250     | 10 x 2 1/2 | 100     |
| 1WCP10300     | 10 x 3     | 100     |
| 1WCP10350     | 10 x 3 1/2 | 100     |
| 1WCP10400     | 10 x 4     | 100     |
| 1WCP12100     | 12 x 1     | 200     |
| 1WCP12125     | 12 x 1 1/4 | 200     |
| 1WCP12150     | 12 x 1 1/2 | 200     |
| 1WCP12200     | 12 x 2     | 100     |
| 1WCP12225     | 12 x 2 1/4 | 100     |
| 1WCP12250     | 12 x 2 1/2 | 100     |
| 1WCP12300     | 12 x 3     | 100     |
| 1WCP12350     | 12 x 3 1/2 | 100     |
| 1WCP12400     | 12 x 4     | 100     |



### Twinthread Woodscrew Roundhead Pozi BZP

| Vanguard Code | Size      | Box Qty |
|---------------|-----------|---------|
| 1WRP08075     | 8 x 3/4   | 200     |
| 1WRP08100     | 8 x 1     | 200     |
| 1WRP08125     | 8 x 1 1/4 | 200     |
| 1WRP08150     | 8 x 1 1/2 | 200     |
| 1WRP08200     | 8 x 2     | 200     |
| 1WRP10100     | 10 x 1    | 200     |
| 1WRP10200     | 10 x 2    | 100     |
| 1WRP12200     | 12 x 2    | 100     |



### Plastidome Cover Cap (2 Part)

| Stock Code | Description | Box Qty |
|------------|-------------|---------|
| 1PLAW      | White       | 100     |



### Packing Shims

| Stock Code | Description         | Unit |
|------------|---------------------|------|
| 7PS14045   | 1mm Yellow 40 x 45  | 1000 |
| 7PS24045   | 2mm Green 40 x 45   | 1000 |
| 7PS34045   | 3mm Blue 40 x 45    | 1000 |
| 7PS44045   | 4mm Red 40 x 45     | 1000 |
| 7PS54045   | 5mm Brown 40 x 45   | 1000 |
| 7PS64045   | 6mm Black 40 x 45   | 1000 |
| 7PS104045  | 10mm Grey 40 x 45   | 1000 |
| Stock Code | Description         | Unit |
| 7PS110050  | 1mm Yellow 100 x 50 | 1000 |
| 7PS210050  | 2mm Green 100 x 50  | 1000 |
| 7PS310050  | 3mm Blue 100 x 50   | 1000 |
| 7PS410050  | 4mm Red 100 x 50    | 1000 |
| 7PS510050  | 5mm Brown 100 x 50  | 1000 |



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## Drywall Screws Self Drilling /Fine Threads



| Stock Code | Screw Diameter | Length mm | Box Qty |
|------------|----------------|-----------|---------|
| 1DRYZS25   | 3.5            | 25        | 1000    |
| 1DRYZS32   |                | 32        | 1000    |
| 1DRYZS38   |                | 38        | 1000    |
| 1DRYZS42   |                | 42        | 1000    |
| 1DRYZS50   |                | 50        | 500     |
| 1DRYZS75   | 4.2            | 75        | 500     |
| 1DRYZS100  |                | 100       | 500     |
| 1DRYZS125  |                | 125       | 500     |



## Metal Framing Screws

| Stock Code | Screw Diameter | Length mm | Box Qty |
|------------|----------------|-----------|---------|
| 1SDSP4213  | 4.2            | 13        | 1000    |
| 1SDSP4225  |                | 25        | 1000    |



## BZP Wafer Head Self Drilling Point Phillips No2

| Stock Code | Screw Diameter | Length mm | Box Qty |
|------------|----------------|-----------|---------|
| 1SDSW4214  | 4.2            | 13        | 1000    |
| 1SDSW4225  | 4.2            | 25        | 1000    |



## BZP Wafer Head Needle Point Phillips No2

| Stock Code | Screw Diameter | Length mm | Box Qty |
|------------|----------------|-----------|---------|
| 1DRYZW4214 | 4.2            | 13        | 1000    |



## Black Coarse Thread Needle Point Phillips No.2 Bugle Head

| Stock Code | Screw Diameter | Length mm | Box Qty |
|------------|----------------|-----------|---------|
| 1DRYB32CT  | 3.9            | 32        | 1000    |
| 1DRYB38CT  |                | 38        | 1000    |
| 1DRYB42CT  |                | 42        | 1000    |
| 1DRYB50CT  |                | 50        | 500     |

## Drywall Product Information

### DRYWALL SCREW THREADS & POINTS

#### FULL OR PARTIAL THREAD SCREWS

■ Full-thread screws are suitable for fixing thin materials or for use in pre-drilled holes.

■ Partial-thread screws are two-thirds threaded so the thread will only be effective in the substrate allowing the screw to pull down the top material. No pre-drilling is required.

#### FINE-THREAD NEEDLE POINT DRYWALL

■ Two 60° threads of 9tpi (=18tpi) provides a fast drive time and establishes a strong thread formation in metal stud. A sharp 23° point allows for fast penetration into materials.

#### COURSE-THREAD NEEDLE POINT DRYWALL

■ A sharp 23° point and a steep 60° thread angle and threads at 8tpi ensures an ultra-fast drive time and, with more material between the threads, gives high withdrawal resistance in wooden stud.

#### SHARP 'S' TYPE POINT WAFER HEAD

■ A sharp 23° point allows for fast penetration into materials.

#### SELF DRILLING POINT

■ (Available in Wafer Head and Bugle Head Drywall Screws)

■ Drill point screws provide high-speed, low effort screw fixing into heavy stud where the stud is between 0.75mm and 2.5mm metal thickness.

## Drywall Screws Fine / Coarse Thread Boxed Drywall



## BZP Fine Thread Needle Point Phillips No.2 Bugle Head

| Stock Code | Screw Diameter | Length mm | Box Qty |
|------------|----------------|-----------|---------|
| 1DRYZ25    | 3.5            | 25        | 1000    |
| 1DRYZ32    |                | 32        | 1000    |
| 1DRYZ38    |                | 38        | 1000    |
| 1DRYZ42    |                | 42        | 1000    |
| 1DRYZ50    |                | 50        | 500     |
| 1DRYZ65    | 4.2            | 65        | 500     |
| 1DRYZ75    |                | 75        | 500     |
| 1DRYZ100   |                | 100       | 500     |



## Black Fine Thread Needle Point with Phillips No.2 Bugle Head

| Stock Code | Screw Diameter | Length mm | Box Qty |
|------------|----------------|-----------|---------|
| 1DRYB25    | 3.5            | 25        | 1000    |
| 1DRYB32    |                | 32        | 1000    |
| 1DRYB38    |                | 38        | 1000    |
| 1DRYB42    |                | 42        | 1000    |
| 1DRYB45    |                | 45        | 1000    |
| 1DRYB50    | 4.2            | 50        | 500     |
| 1DRYB100   |                | 100       | 500     |



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## Plasterboard / Cavity Fixings



| Stock Code | Screw Diameter | Drill / Hole Diameter (mm) | Maximum Wall / Board Thickness (mm) | Maximum Fixture Thickness (mm) | Box Qty |
|------------|----------------|----------------------------|-------------------------------------|--------------------------------|---------|
| 3CAVSA432  | M4 x 32        | 8                          | 3 - 12                              | ?                              | 100     |
| 3CAVSA446  | M4 x 46        | 8                          | 16 - 24                             | 30                             | 100     |
| 3CAVSA537  | M5 x 37        | 10                         | 6 - 16                              | 17                             | 100     |
| 3CAVSA552  | M5 x 52        | 10                         | 8 - 16                              | 26                             | 100     |
| 3CAVSA565  | M5 x 65        | 10                         | 14 - 32                             | 26                             | 100     |
| 3CAVSA652  | M6 x 52        | 12                         | 3 - 16                              | 26                             | 100     |
| 3CAVSA665  | M6 x 65        | 12                         | 14 - 32                             | 26                             | 100     |
| 3CAVSA880  | M8 x 80        | 12                         | 32 - 35                             | 23                             | 100     |



### Cavity Fixing Setting Tools

| Stock Code    | Description                | Fixing Range | Box Qty |
|---------------|----------------------------|--------------|---------|
| 3CAVSATOOL    | Cavity Anchor Setting Tool | M4 - M6      | 1       |
| 3CAVSATOOL8MM | Cavity Anchor Setting Tool | M4 - M8      | 1       |



### Metal Plasterboard Fixings Driva TP12

| Stock Code | Screw Length | Screw Size (Gauge) | Box Qty. | Outer Box |
|------------|--------------|--------------------|----------|-----------|
| 3CAVRDM    | 37           | 8                  | 100      | 2000      |



### Spring Toggle Heads Only

| Stock Code | Hole Size (mm) | Thread Size | Box Qty |
|------------|----------------|-------------|---------|
| 3CAVTOG5   | 14             | M5          | 100     |
| 3CAVTOG6   | 18             | M6          | 50      |



### Ramnuts

| Stock Code  | Thread Size | Length | Hole Size | Box Qty. |
|-------------|-------------|--------|-----------|----------|
| 3CAVRN06    | M6          | 26     | 12mm      | 100      |
| 3CAVRN08X25 | M8          | 25     | 18mm      | 100      |
| 3CAVRN10    | M10         | 55     | 20mm      | 100      |

### Spring Toggle with Screws

| Stock Code  | Description                              | Thread Size | Hole Size (mm) | Max Fixture Thickness | Minimum Cavity Depth | Screw Length | Box Qty |
|-------------|------------------------------------------|-------------|----------------|-----------------------|----------------------|--------------|---------|
| 3CAVTOG5X75 | Cavity Toggle c/w Pozi Pan Machine Screw | M5          | 14             | 45                    | 35                   | 75           | 50      |
| 3CAVTOG6X75 | Cavity Toggle c/w Pozi Pan Machine Screw | M6          | 18             | 45                    | 35                   | 75           | 50      |

## Suspended Ceiling Fixings



### All Steel Wirehanger

| Stock Code | Description        | Size | Box Qty. |
|------------|--------------------|------|----------|
| 3WHV06     | M6 X 60 Wirehanger | 6    | 100      |



### Vertical Flange Clips

| Stock Code | Description                     | Box Qty |
|------------|---------------------------------|---------|
| 3RAMVF1    | Vertical Flange Clamp 1.6-2.5mm | 100     |



### Ceiling Anchor

| Stock Code | Description            | Box Qty |
|------------|------------------------|---------|
| 3CAV6X40CA | M6 x 40 Ceiling Anchor | 100     |



## VGF SELF DRILLING SCREWS



Light Section No. 2 point self drilling screw for drilling cold rolled steel sections 1.2 to 3.6mm thick.

| Code        | Size   | Maximum Fixture Thickness (mm) | Washer | Drilling Capacity | Drive Bit | Box Qty |
|-------------|--------|--------------------------------|--------|-------------------|-----------|---------|
| T14GB16-100 | 5.5x25 | 9                              | 16     | 1.2 - 3.6         | 8mm Hex   | 100     |
| T15GB16-100 | 5.5X32 | 14                             | 16     | 1.2 - 3.6         | 8mm Hex   | 100     |
| T11GB16-100 | 5.5X38 | 15                             | 16     | 1.2 - 3.6         | 8mm Hex   | 100     |
| T12GB16-100 | 5.5X43 | 30                             | 16     | 1.2 - 3.6         | 8mm Hex   | 100     |
| T23GB16-100 | 5.5x57 | 43                             | 16     | 1.2 - 3.6         | 8mm Hex   | 100     |
| T38GB16-100 | 5.5X70 | 62                             | 16     | 1.2 - 3.6         | 8mm Hex   | 100     |

For unwashed screws please replace GB16 with NW.



Heavy Section No. 5 point self drilling screw for drilling hot rolled steel sections 6.0 to 12.5mm thick.

| Code           | Size   | Maximum Fixture Thickness (mm) | Washer | Drilling Capacity | Drive Bit | Box Qty |
|----------------|--------|--------------------------------|--------|-------------------|-----------|---------|
| T32GB16-100    | 5.5x25 | 7                              | 16     | 4.0 - 7.5         | 8mm Hex   | 100     |
| T47GB16-100    | 5.5X32 | 11                             | 16     | 6.0 - 12.5        | 8mm Hex   | 100     |
| T24-10GB16-100 | 5.5X38 | 17                             | 16     | 6.0 - 12.5        | 8mm Hex   | 100     |
| T26GB16-100    | 5.5X51 | 30                             | 16     | 6.0 - 12.5        | 8mm Hex   | 100     |
| T27GB16-100    | 5.5X60 | 39                             | 16     | 6.0 - 12.5        | 8mm Hex   | 100     |
| T33GB16-100    | 5.5X76 | 55                             | 16     | 6.0 - 12.5        | 8mm Hex   | 100     |

For unwashed screws please replace GB16 with NW.



Light Section No. 2 point self drilling screw for drilling cold rolled steel sections 1.2 to 3.6mm thick.also includes fixing Brick Tie channel & insulation to metal framing systems.

| Code          | Size    | Maximum Fixture Thickness (mm) | Washer | Drilling Capacity | Drive Bit | Box Qty |
|---------------|---------|--------------------------------|--------|-------------------|-----------|---------|
| HT65GB19-100  | 5.5X65  | 50                             | 19     | 1.2 - 3.6         | 8mm Hex   | 100     |
| HT85GB19-100  | 5.5X85  | 70                             | 19     | 1.2 - 3.6         | 8mm Hex   | 100     |
| HT105GB19-100 | 5.5X105 | 90                             | 19     | 1.2 - 3.6         | 8mm Hex   | 100     |
| HT120GB19-100 | 5.5X120 | 100                            | 19     | 1.2 - 3.6         | 8mm Hex   | 100     |
| HT135GB19-100 | 5.5X135 | 115                            | 19     | 1.2 - 3.6         | 8mm Hex   | 100     |
| HT150GB19-100 | 5.5X150 | 135                            | 19     | 1.2 - 3.6         | 8mm Hex   | 100     |

For unwashed screws please replace GB19 with NW.



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## VGF SELF DRILLING SCREWS



Heavy Section No. 5 point self drilling screw for drilling cold rolled steel sections 6.0 TO 12.5mm thick.also includes fixing Brick Tie channel & insulation to metal framing systems.

| Code           | Size    | Maximum Fixture Thickness (mm) | Washer | Drilling Capacity | Drive Bit | Box Qty |
|----------------|---------|--------------------------------|--------|-------------------|-----------|---------|
| HTL102GB19-100 | 5.5X105 | 90                             | 19     | 6.0 - 12.5        | 8mm Hex   | 100     |
| HTL130GB19-100 | 5.5X130 | 115                            | 19     | 6.0 - 12.5        | 8mm Hex   | 100     |
| HTL150GB19-100 | 5.5X150 | 135                            | 19     | 6.0 - 12.5        | 8mm Hex   | 100     |

For unwashed screws please replace GB19 with NW.



Light Section No. 2 point self drilling screw for fixing timber / tough boards & insulation to cold rolled steel sections 1.5 to 4.0mm thick.

| Code        | Size    | Maximum Fixture Thickness (mm) | Drilling Capacity | Drive Bit | Box Qty |
|-------------|---------|--------------------------------|-------------------|-----------|---------|
| WDLS25-100  | 4.8X25  | 5                              | 1.2 - 3.6         | PH2       | 100     |
| WDLS38-100  | 4.8X38  | 20                             | 1.2 - 3.6         | PH2       | 100     |
| WDLS50-100  | 5.5X50  | 28                             | 1.2 - 3.6         | PH3       | 100     |
| WDLS60-100  | 5.5X60  | 43                             | 1.2 - 3.6         | PH3       | 100     |
| WDLS85-100  | 5.5X85  | 63                             | 1.2 - 3.6         | PH3       | 100     |
| WDLS110-100 | 5.5X110 | 86                             | 1.2 - 3.6         | PH3       | 100     |



Heavy section No. 5 point self drilling screw for fixing timber / tough boards & insulation to hot rolled steel sections 6.0 to 12.5mm thick.

| Code        | Size    | Maximum Fixture Thickness (mm) | Drilling Capacity | Drive Bit | Box Qty |
|-------------|---------|--------------------------------|-------------------|-----------|---------|
| WDHS45-100  | 5.5X45  | 10                             | 1.2 - 3.6         | PH3       | 100     |
| WDHS60-100  | 5.5X60  | 25                             | 1.2 - 3.6         | PH3       | 100     |
| WDHS80-100  | 5.5X80  | 50                             | 1.2 - 3.6         | PH3       | 100     |
| WDHS110-100 | 5.5X110 | 75                             | 1.2 - 3.6         | PH3       | 100     |



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## SDS + Drill Bits

| Code       | Size        | ▼          |             |
|------------|-------------|------------|-------------|
| 2SDS040110 | 4.0 x 110mm | 2SDS12210  | 12 x 210mm  |
| 2SDS050110 | 5.0 x 110mm | 2SDS12450  | 12 x 450mm  |
| 2SDS050160 | 5.0 x 160mm | 2SDS12600  | 12 x 600mm  |
| 2SDS055110 | 5.5 x 110mm | 2SDS121000 | 12 x 1000mm |
| 2SDS055160 | 5.5 x 160mm | 2SDS13150  | 13 x 150mm  |
| 2SDS055210 | 5.5 x 210mm | 2SDS14150  | 14 x 150mm  |
| 2SDS060110 | 6.0 x 110mm | 2SDS14300  | 14 x 300mm  |
| 2SDS060160 | 6.0 x 160mm | 2SDS14450  | 14 x 450mm  |
| 2SDS060210 | 6.5 x 210mm | 2SDS14600  | 14 x 600mm  |
| 2SDS06250  | 6.5 x 250mm | 2SDS16200  | 16 x 200mm  |
| 2SDS065110 | 6.5 x 110mm | 2SDS16250  | 16 x 250mm  |
| 2SDS065160 | 6.5 x 160mm | 2SDS16300  | 16 x 300mm  |
| 2SDS07110  | 7.0 x 110mm | 2SDS16450  | 16 x 450mm  |
| 2SDS07160  | 7.0 x 160mm | 2SDS16600  | 16 x 600mm  |
| 2SDS07210  | 7.0 x 210mm | 2SDS16800  | 16 x 800mm  |
| 2SDS08110  | 8.0 x 110mm | 2SDS161000 | 16 x 1000mm |
| 2SDS08160  | 8.0 x 160mm | 2SDS18250  | 18 x 250mm  |
| 2SDS08210  | 8.0 x 210mm | 2SDS20200  | 20 x 200mm  |
| 2SDS08260  | 8.0 x 260mm | 2SDS20300  | 20 x 300mm  |
| 2SDS08450  | 8.0 x 450mm | 2SDS20450  | 20 x 450mm  |
| 2SDS10110  | 10 x 110mm  | 2SDS20600  | 20 x 600mm  |
| 2SDS10160  | 10 x 160mm  | 2SDS201000 | 20 x 1000mm |
| 2SDS10210  | 10 x 210mm  | 2SDS22450  | 22 x 450mm  |
| 2SDS10260  | 10 x 260mm  | 2SDS24450  | 24 x 450mm  |
| 2SDS10450  | 10 x 450mm  | 2SDS25450  | 25 x 450mm  |
| 2SDS10600  | 10 x 600mm  | 2SDS25600  | 25 x 600mm  |
| 2SDS101000 | 10 x 1000mm | 2SDS251000 | 25 x 1000mm |
| 2SDS11160  | 11 x 160mm  | 2SDS26450  | 26 x 450mm  |
| 2SDS12160  | 12 x 160mm  | 2SDS30450  | 30 x 450mm  |



## Premium Grade SDS+ Drill Bits

| Code           | Size      | ▼             |          |
|----------------|-----------|---------------|----------|
| 2SDS040160PREM | 4.0 x 160 | 2SDS10160PREM | 10 x 160 |
| 2SDS050160PREM | 5.0 x 160 | 2SDS10310PREM | 10 x 310 |
| 2SDS050210PREM | 5.0 x 210 | 2SDS10450PREM | 10 x 450 |
| 2SDS055110PREM | 5.5 x 110 | 2SDS12160PREM | 12 x 160 |
| 2SDS055160PREM | 5.5 x 160 | 2SDS12450PREM | 12 x 450 |
| 2SDS055210PREM | 5.5 x 210 | 2SDS14150PREM | 14 x 150 |
| 2SDS060110PREM | 6.0 x 110 | 2SDS15150PREM | 15 x 150 |
| 2SDS060160PREM | 6.0 x 160 | 2SDS18450PREM | 18 x 450 |
| 2SDS060200PREM | 6.0 x 200 | 2SDS20200PREM | 20 x 200 |
| 2SDS065160PREM | 6.5 x 160 | 2SDS20450PREM | 20 x 450 |
| 2SDS070110PREM | 7.0 x 110 | 2SDS25250PREM | 25 x 250 |
| 2SDS07160PREM  | 7.0 x 160 | 2SDS25450PREM | 25 x 450 |
| 2SDS08110PREM  | 8.0 x 110 | 2SDS25450PREM | 25 x 450 |
| 2SDS08160PREM  | 8.0 x 160 | 2SDS25450PREM | 25 x 450 |
| 2SDS08210PREM  | 8.0 x 210 | 2SDS25450PREM | 25 x 450 |



## Masonry Drill Bits Straight Shank

| Code        | Size        | ▼          |            |
|-------------|-------------|------------|------------|
| 2MASV05085  | 5 x 85mm    | 2MASV12200 | 12 x 200mm |
| 2MASV05150  | 5 x 150mm   | 2MASV12300 | 12 x 300mm |
| 2MASV055100 | 5.5 x 85mm  | 2MASV12400 | 12 x 400mm |
| 2MASV055150 | 5.5 x 150mm | 2MASV12600 | 12 x 600mm |
| 2MASV06100  | 6 x 100mm   | 2MASV13150 | 13 x 150mm |
| 2MASV06150  | 6 x 150mm   | 2MASV14400 | 14 x 400mm |
| 2MASV065150 | 6.5 x 150mm | 2MASV14600 | 14 x 600mm |
| 2MASV07150  | 7 x 150mm   | 2MASV16200 | 16 x 200mm |
| 2MASV08150  | 8 x 150mm   | 2MASV16400 | 16 x 400mm |
| 2MASV08200  | 8 x 200mm   | 2MASV16600 | 16 x 600mm |
| 2MASV08400  | 8 x 400mm   | 2MASV18400 | 18 x 400mm |
| 2MASV10200  | 10 x 200mm  | 2MASV20200 | 20 x 200mm |
| 2MASV10400  | 10 x 400mm  | 2MASV20400 | 20 x 400mm |
| 2MASV10600  | 10 x 600mm  | 2MASV25400 | 25 x 400mm |

## Plus Range



## Nylon Fixing Plugs

| Stock Code | Description                           | Plug Dia. / Drill Size | Screw Size (mm) | Box Qty. |
|------------|---------------------------------------|------------------------|-----------------|----------|
| 3PLUN0630  | M6 x 30 Rimless Nylon Expansion Plug  | 6                      | 3.5 - 5.0       | 200      |
| 3PLUN0840  | M8 x 40 Rimless Nylon Expansion Plug  | 8                      | 4.5 - 6.0       | 200      |
| 3PLUN1050  | M10 x 50 Rimless Nylon Expansion Plug | 10                     | 6.0 - 8.0       | 100      |
| 3PLUN1260  | M12 x 60 Rimless Nylon Expansion Plug | 12                     | 8.0 - 10.0      | 50       |
| 3PLUN1470  | M14 x 70 Rimless Nylon Expansion Plug | 14                     | 10.0 - 12.0     | 25       |



## Plastic Plugs

## Plastic Plugs Premium Pack (Boxed in 100's)

| Stock Code | Description          | Plug / Drill Size (mm) | Screw Size (Gauge) | Box Qty |
|------------|----------------------|------------------------|--------------------|---------|
| 3PLUVY     | Yellow Plastic Plugs | 5                      | 4-6                | 100     |
| 3PLUVR     | Red Plastic Plugs    | 5.5                    | 6-8-10             | 100     |
| 3PLUVBR    | Brown Plastic Plugs  | 7                      | 10-12-14           | 100     |
| 3PLUVBL    | Blue Plastic Plugs   | 10                     | 14 - 16 - 18       | 100     |





### HSS Drill Bits Roll Forged

| Code      | Size   | Pk Qty |
|-----------|--------|--------|
| 2DRIJL010 | 1.0mm  | 10     |
| 2DRIJL016 | 1.6mm  | 10     |
| 2DRIJL020 | 2.0mm  | 10     |
| 2DRIJL025 | 2.5mm  | 10     |
| 2DRIJL029 | 2.9mm  | 10     |
| 2DRIJL030 | 3.0mm  | 10     |
| 2DRIJL032 | 3.2mm  | 10     |
| 2DRIJL033 | 3.3mm  | 10     |
| 2DRIJL035 | 3.5mm  | 10     |
| 2DRIJL036 | 3.6mm  | 10     |
| 2DRIJL040 | 4.0mm  | 10     |
| 2DRIJL041 | 4.1mm  | 10     |
| 2DRIJL042 | 4.2mm  | 10     |
| 2DRIJL044 | 4.4mm  | 10     |
| 2DRIJL045 | 4.5mm  | 10     |
| 2DRIJL048 | 4.8mm  | 10     |
| 2DRIJL049 | 4.9mm  | 10     |
| 2DRIJL050 | 5.0mm  | 10     |
| 2DRIJL055 | 5.5mm  | 10     |
| 2DRIJL060 | 6.0mm  | 10     |
| 2DRIJL064 | 6.4mm  | 10     |
| 2DRIJL065 | 6.5mm  | 10     |
| 2DRIJL068 | 6.8mm  | 10     |
| 2DRIJL070 | 7.0mm  | 10     |
| 2DRIJL075 | 7.5mm  | 10     |
| 2DRIJL080 | 8.0mm  | 10     |
| 2DRIJL085 | 8.5mm  | 10     |
| 2DRIJL090 | 9.0mm  | 10     |
| 2DRIJL095 | 9.5mm  | 10     |
| 2DRIJL100 | 10.0mm | 10     |
| 2DRIJL105 | 10.5mm | 5      |
| 2DRIJL110 | 11.0mm | 5      |
| 2DRIJL115 | 11.5mm | 5      |
| 2DRIJL120 | 12.0mm | 5      |
| 2DRIJL125 | 12.5mm | 5      |
| 2DRIJL130 | 13.0mm | 5      |
| 2DRIJL140 | 14.0mm | 5      |



### HSS Drill Bits Blacksmiths

| Code    | Size | Pk Qty |
|---------|------|--------|
| 2DRIB14 | 14mm | 1      |
| 2DRIB16 | 16mm | 1      |
| 2DRIB17 | 17mm | 1      |
| 2DRIB18 | 18mm | 1      |
| 2DRIB20 | 20mm | 1      |



### HSS Drill Bits Silverstar Premium Grade Ground

| Code      | Size   | Pk Qty |
|-----------|--------|--------|
| 2DRISS010 | 1.0mm  | 10     |
| 2DRISS020 | 2.0mm  | 10     |
| 2DRISS025 | 2.5mm  | 10     |
| 2DRISS030 | 3.0mm  | 10     |
| 2DRISS032 | 3.2mm  | 10     |
| 2DRISS033 | 3.3mm  | 10     |
| 2DRISS035 | 3.5mm  | 10     |
| 2DRISS040 | 4.0mm  | 10     |
| 2DRISS042 | 4.2mm  | 10     |
| 2DRISS045 | 4.5mm  | 10     |
| 2DRISS048 | 4.8mm  | 10     |
| 2DRISS050 | 5.0mm  | 10     |
| 2DRISS055 | 5.5mm  | 10     |
| 2DRISS060 | 6.0mm  | 10     |
| 2DRISS065 | 6.5mm  | 10     |
| 2DRISS070 | 7.0mm  | 10     |
| 2DRISS080 | 8.0mm  | 10     |
| 2DRISS085 | 8.5mm  | 10     |
| 2DRISS090 | 9.0mm  | 10     |
| 2DRISS10  | 10.0mm | 10     |
| 2DRISS110 | 11.0mm | 5      |
| 2DRISS12  | 12.0mm | 5      |
| 2DRISS125 | 12.5mm | 5      |
| 2DRISS130 | 13.0mm | 5      |



### HSS Drill Bits Long Series

| Code     | Size  | Pk Qty |
|----------|-------|--------|
| 2DRIL040 | 4.0mm | 10     |
| 2DRIL050 | 5.0mm | 10     |
| 2DRIL060 | 6.0mm | 10     |
| 2DRIL065 | 6.5mm | 10     |
| 2DRIL080 | 8.0mm | 10     |



### ScrewDriver Bits & Accessories

| Stock Code  | Description                          |
|-------------|--------------------------------------|
| 2BITGPH2    | Insert Bit "Gold" Phillips No2 x25mm |
| 2BITGPZ2    | Insert Bit "Gold" Pozi No2 x25mm     |
| 2BITHOLDS   | Bitholder Magnetic-Short             |
| 2BITPH1     | Insert Bit 1/4" Phillips No1 x25mm   |
| 2BITPH2     | Insert Bit 1/4" Phillips No2 x25mm   |
| 2BITPZ1     | Insert Bit 1/4"Pozi No1 x25mm        |
| 2BITPZ2     | Insert Bit 1/4"Pozi No2 x25mm        |
| 2BITPZ3     | Insert Bit 1/4"Pozi No3 x25mm        |
| 2BITSOCH1/4 | Socket Bit Magnetic 1/4"AF           |
| 2BITSOCM07  | Socket Bit Magnetic 7mm AF           |
| 2BITSOCM08  | Magnetic Socket Bit 5/16"-8mm        |
| 2BITSOCM10  | Socket Bit Magnetic 10mm AF          |
| 2BITSOCM13  | Socket Bit Magnetic 13mm AF          |
| 2BITTORXT30 | Torx T30 Screwdriver Bit x25mm       |



### CV Formwork Bits

| Code        | Size       | Pk Qty |
|-------------|------------|--------|
| 2DRIVL08400 | 8 x 400mm  | 1      |
| 2DRIVL10400 | 10 x 400mm | 1      |
| 2DRIVL12400 | 12 x 400mm | 1      |



### HSS Stub Drill Bits

| Code      | Size  | Pk Qty |
|-----------|-------|--------|
| 2DRISTS41 | 4.1mm | 10     |
| 2DRISTS49 | 4.9mm | 10     |



### Chucks, Keys & SDS Adaptors

| Stock Code | Description                             |
|------------|-----------------------------------------|
| 5CHADK     | SDS+ Chuck Adaptor                      |
| 5CHIM4813  | Chuck Keyless 1/2" x 20mm 13mm Capacity |



### Jigsaw Blades

| Stock Code | Description               |
|------------|---------------------------|
| 5JV101A    | Jigsaw Blade HSS Metal    |
| 5JV101B    | Jigsaw Blade Ground 30mm  |
| 5JV101BR   | Jigsaw Blade Ground 60mm  |
| 5JV101D    | Jigsaw Blade Ground 60mm  |
| 5JV111C    | Jigsaw Blade Side 60mm    |
| 5JV118A    | Jigsaw Blade Wavy HSS 2mm |
| 5JV118B    | Jigsaw Blade Wavy HSS 4mm |
| 5JV118G    | Jigsaw Blade Wavy HSS 2mm |
| 5JV119A    | Jigsaw Blade Wavy Plywood |
| 5JV119B    | Jigsaw Blade Wavy Plywood |
| 5JV119BO   | Jigsaw Blade Wavy Wood    |
| 5JV144D    | Jigsaw Blade Ground       |
| 5JV218A    | Jigsaw Blade Wavy HSS     |
| 5JV244D    | Jigsaw Blade              |
| 5JV318A    | Jigsaw Blade HSS          |
| 5JV318B    | Jigsaw Blade HSS          |





### Augerbits Drill Bits Hex Shank

| Code    | Size       |
|---------|------------|
| 2AUG020 | 20 x 100mm |
| 2AUG025 | 25 x 100mm |
| 2AUG032 | 32 x 100mm |
| 2AUG108 | 8 x 155mm  |
| 2AUG116 | 16 x 155mm |
| 2AUG120 | 20 x 155mm |
| 2AUG122 | 22 x 155mm |
| 2AUG125 | 25 x 155mm |
| 2AUG132 | 32 x 155mm |
| 2AUG208 | 8 x 235mm  |
| 2AUG210 | 10 x 235mm |
| 2AUG212 | 12 x 235mm |
| 2AUG216 | 16 x 235mm |
| 2AUG220 | 20 x 235mm |
| 2AUG222 | 22 x 235mm |
| 2AUG225 | 25 x 235mm |
| 2AUG232 | 32 x 235mm |
| 2AUG410 | 10 x 460mm |
| 2AUG416 | 16 x 460mm |
| 2AUG420 | 20 x 460mm |
| 2AUG425 | 25 x 460mm |
| 2AUG620 | 20 x 600mm |



### Flat / Spade Wood bit Hex Shank

| Code    | Size            |
|---------|-----------------|
| 2FLA10  | 10mm            |
| 2FLA12  | 12mm            |
| 2FLA16  | 16mm            |
| 2FLA18  | 18mm            |
| 2FLA20  | 20mm            |
| 2FLA22  | 22mm            |
| 2FLA24  | 24mm            |
| 2FLA25  | 25mm            |
| 2FLA28  | 28mm            |
| 2FLA32  | 32mm            |
| 2FLA35  | 35mm            |
| 2FLA38  | 38mm            |
| 2FLAEXT | 300mm Extension |



### Auger Wood Bits SDS+

| Code       | Size       |
|------------|------------|
| 2AUGS16200 | 16 x 235mm |
| 2AUGS20200 | 20 x 235mm |
| 2AUGS25200 | 25 x 235mm |



### Dry Diamond Core Drill

| Code     | Size    |
|----------|---------|
| 5COD028  | 28mm    |
| 5COD032  | 32mm    |
| 5COD038  | 38mm    |
| 5COD052  | 52mm    |
| 5COD065  | 65mm    |
| 5COD078  | 78mm    |
| 5COD091  | 91mm    |
| 5COD107  | 107mm   |
| 5COD117  | 117mm   |
| 5COD127  | 127mm   |
| 5COD152  | 152mm   |
| 5COD162  | 162mm   |
| 5CODKIT5 | 5 Piece |



### Dry Diamond Core Accessories

| Code        | Description                                |
|-------------|--------------------------------------------|
| 5CODAP38152 | Adaptor Pack (38-152mm) Diamond            |
| 5CODEX250   | Extension Rod 250mm (Diamond)              |
| 5CODCOREXT  | Threaded Ext. Bar Use With 5CODSDSAP 250mm |
| 5CODSDSAP   | SDS Adaptor Pack For 5CODCOREXT            |



### TCT Core Bits Screw Fit

| Code    | Size |
|---------|------|
| 5COSF25 | 25mm |
| 5COSF30 | 30mm |
| 5COSF40 | 40mm |
| 5COSF50 | 50mm |



### TCT Core Bit Accessories

| Code     | Description                  |
|----------|------------------------------|
| 5COSFA04 | Adaptor Screw Fit-SDS 4"     |
| 5COSFA12 | Adaptor Screw Fit-SDS 12"    |
| 5COSFPD  | Pilot Drill Screw Fit Drills |



### Metal Cutting Discs Depressed Centre 3.2mm Thick

| Code     | Size   |
|----------|--------|
| 5DMCD04  | 4"     |
| 5DMCD045 | 4 1/2" |
| 5DMCD09  | 9"     |



### Metal Cutting Disc Flat Centre 3.2mm Thick

| Code      | Size            |
|-----------|-----------------|
| 5DMCF04   | 4"              |
| 5DMCF045  | 4 1/2"          |
| 5DMCF05   | 5"              |
| 5DMCF07   | 7"              |
| 5DMCF09   | 9"              |
| 5DMCF1220 | 12" x 20mm Bore |
| 5DMCF14   | 14"             |



### Metal Cutting Disc - Ultra Thin Flat Centre 1.0mm Thick

| Code     | Size     |
|----------|----------|
| 5DMCT04  | 4"       |
| 5DMCT045 | 4 1/2"   |
| 5DMCT05  | 5"       |
| 5DMCT09  | 9" (2mm) |

### Metal Grinding Discs Depressed Centre

| Code    | Size             |
|---------|------------------|
| 5DMG04  | 100 x 6.4 x 16mm |
| 5DMG045 | 115 x 6.4 x 22mm |
| 5DMG05  | 125 x 6.4 x 22mm |



### Diamond Discs

| Stock Code | Description                                 |
|------------|---------------------------------------------|
| 5DDGP10016 | Diamond Disc GP 100mm Segmented 16mm Bore   |
| 5DDGP11522 | Diamond Disc GP 115mm Segmented 22.2mm Bore |



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## Holesaws

| Code     | Size                 |
|----------|----------------------|
| 5HTHS016 | 16mm                 |
| 5HTHS020 | 20mm                 |
| 5HTHS022 | 22mm                 |
| 5HTHS025 | 25mm                 |
| 5HTHS029 | 29mm                 |
| 5HTHS030 | 30mm                 |
| 5HTHS032 | 32mm                 |
| 5HTHS035 | 35mm                 |
| 5HTHS038 | 38mm                 |
| 5HTHS040 | 40mm                 |
| 5HTHS043 | 43mm                 |
| 5HTHS045 | 45mm                 |
| 5HTHS050 | 50mm                 |
| 5HTHS051 | 51mm                 |
| 5HTHS054 | 54mm                 |
| 5HTHS057 | 57mm                 |
| 5HTHS060 | 60mm                 |
| 5HTHS062 | 62mm                 |
| 5HTHS064 | 64mm                 |
| 5HTHS067 | 67mm                 |
| 5HTHS070 | 70mm                 |
| 5HTHS073 | 73mm                 |
| 5HTHS076 | 76mm                 |
| 5HTHS083 | 83mm                 |
| 5HTHS086 | 86mm                 |
| 5HTHS089 | 89mm                 |
| 5HTHS092 | 92mm                 |
| 5HTHS095 | 95mm                 |
| 5HTHS102 | 102mm                |
| 5HTHS105 | 105mm                |
| 5HTHS108 | 108mm                |
| 5HTHS111 | 111mm                |
| 5HTHS127 | 127mm                |
| 5HTHS133 | 133mm                |
| 5HTHS152 | 152mm                |
| 5HTHS160 | 160mm                |
| 5HTHSETE | 9 Piece Electricians |
| 5HTHSETP | 9 Piece Plumbers     |



## Morse Holesaws

| Code          | Size                 |
|---------------|----------------------|
| 5HTHS016MORSE | 16mm                 |
| 5HTHS019MORSE | 19mm                 |
| 5HTHS020MORSE | 20mm                 |
| 5HTHS022MORSE | 22mm                 |
| 5HTHS025MORSE | 25mm                 |
| 5HTHS027MORSE | 27mm                 |
| 5HTHS029MORSE | 29mm                 |
| 5HTHS030MORSE | 30mm                 |
| 5HTHS032MORSE | 32mm                 |
| 5HTHS035MORSE | 35mm                 |
| 5HTHS038MORSE | 38mm                 |
| 5HTHS040MORSE | 40mm                 |
| 5HTHS043MORSE | 43mm                 |
| 5HTHS045MORSE | 45mm                 |
| 5HTHS050MORSE | 50mm                 |
| 5HTHS051MORSE | 51mm                 |
| 5HTHS054MORSE | 54mm                 |
| 5HTHS057MORSE | 57mm                 |
| 5HTHS064MORSE | 64mm                 |
| 5HTHS067MORSE | 67mm                 |
| 5HTHS070MORSE | 70mm                 |
| 5HTHS073MORSE | 73mm                 |
| 5HTHS076MORSE | 76mm                 |
| 5HTHS079MORSE | 79mm                 |
| 5HTHS083MORSE | 83mm                 |
| 5HTHS086MORSE | 86mm                 |
| 5HTHS089MORSE | 89mm                 |
| 5HTHS092MORSE | 92mm                 |
| 5HTHS095MORSE | 95mm                 |
| 5HTHS102MORSE | 102mm                |
| 5HTHS111MORSE | 111mm                |
| 5HTHS127MORSE | 127mm                |
| 5HTHSETE      | 9 Piece Electricians |
| 5HTHSETP      | 9 Piece Plumbers     |



## Starrett Holesaws Fast Cut

| Code      | Size  |
|-----------|-------|
| 5STRHS019 | 19mm  |
| 5STRHS020 | 20mm  |
| 5STRHS025 | 25mm  |
| 5STRHS027 | 27mm  |
| 5STRHS029 | 29mm  |
| 5STRHS030 | 30mm  |
| 5STRHS032 | 32mm  |
| 5STRHS035 | 35mm  |
| 5STRHS038 | 38mm  |
| 5STRHS040 | 40mm  |
| 5STRHS051 | 51mm  |
| 5STRHS054 | 54mm  |
| 5STRHS057 | 57mm  |
| 5STRHS060 | 60mm  |
| 5STRHS064 | 64mm  |
| 5STRHS067 | 67mm  |
| 5STRHS070 | 70mm  |
| 5STRHS073 | 73mm  |
| 5STRHS076 | 76mm  |
| 5STRHS079 | 79mm  |
| 5STRHS086 | 86mm  |
| 5STRHS092 | 92mm  |
| 5STRHS102 | 102mm |
| 5STRHS111 | 111mm |
| 5STRHS127 | 127mm |
| 5STRHS152 | 152mm |



## Holesaw Accessories

| Code       | Description           |
|------------|-----------------------|
| 5HTHS001   | Mandrel 14-30mm       |
| 5HTHS003   | Mandrel Quick-Release |
| 5HTHSPD    | Pilot Drill 3"        |
| 5HSDSM1    | SDS Mandrel 14-30mm   |
| 5HSDSM2    | SDS Mandrel 32-152mm  |
| 5HTHSEXT12 | 12" Arbor Extensions  |



## Morse Holesaw Accessories

| Code          | Description            |
|---------------|------------------------|
| 5HTHS001MORSE | Mandrel 14-30mm        |
| 5HTHS003MORSE | Mandrel Quick-Release  |
| 5HTHSPDMORSE  | Pilot Drill 3"         |
| 5HTHSPDL      | Pilot Drill 112mm Long |



## Starrett Holesaw Accessories

| Code      | Description                            |
|-----------|----------------------------------------|
| 5STRA1    | A1 Arbor                               |
| 5STRA2    | A2 Arbor                               |
| 5STRA5    | 300mm extension<br>Suits A2 Arbor only |
| 5STRA014C | Pilot Drill                            |



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### Hacksaw Blades Premier Brand

| Stock Code | Description               | Box Qty |
|------------|---------------------------|---------|
| 2HACBE18   | Hacksaw Blade 12 x 18 TPI | 10      |
| 2HACBE24   | Hacksaw Blade 12 x 24 TPI | 10      |
| 2HACBE32   | Hacksaw Blade 12 x 32 TPI | 10      |



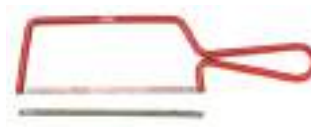
### Hacksaw Blades

| Stock Code | Description               | Box Qty |
|------------|---------------------------|---------|
| 2HACBV18   | Hacksaw Blade 12 x 18 TPI | 10      |
| 2HACBV24   | Hacksaw Blade 12 x 24 TPI | 10      |
| 2HACBV32   | Hacksaw Blade 12 x 32 TPI | 10      |



### Hacksaw

| Stock Code | Description              | Unit |
|------------|--------------------------|------|
| 2HACFV12   | Hacksaw Frame 12" Adjust | 1    |



### Junior Hacksaw

| Stock Code | Description          | Box Qty |
|------------|----------------------|---------|
| 2HACJBV    | Junior Hacksaw Blade | 10      |
| 2HACJFV    | Junior Hacksaw Frame | 1       |



### Saws

| Stock Code | Description            | Unit |
|------------|------------------------|------|
| 45700022   | 22" Soft Grip Hand Saw | 1    |



### Channel Sockets

| Stock Code  | Description                                                         |
|-------------|---------------------------------------------------------------------|
| 3CHASOC17MM | 17mm A/F (M10) Channel Socket for 41 x 41 Channel & 41 x 21 Channel |



### Knives

| Stock Code | Description          | Unit   |
|------------|----------------------|--------|
| 2CUTB10    | Trimming Knife Blade | Pkt 10 |
| 2CUTK      | Trimming Knife       | 1      |



### Tape Measures

| Stock Code | Description         | Unit |
|------------|---------------------|------|
| 2RUL50     | Measuring Tape 5mtr | 1    |
| 2RUL75     | Measuring Tape 8mtr | 1    |



### Hammers

| Stock Code | Description      | Unit |
|------------|------------------|------|
| 2HAMC20    | Claw Hammer 20oz | 1    |





### 8 pce Down Lights Holesaw Set

| Stock Code | Description                   | Unit |
|------------|-------------------------------|------|
| 76200008   | 8 pce Down Lights Holesaw Set | 1    |



### 11 pce Combination Spanner Set

| Stock Code | Description                    | Unit |
|------------|--------------------------------|------|
| 17161102   | 11 pce Combination Spanner Set | 1    |



### Taps & Wrenches [Threading Type]

| Stock Code | Description                      | Unit |
|------------|----------------------------------|------|
| 2TAP035S   | Individual Tap 3.5mm Second      | 1    |
| 2TAP035T   | Individual Tap 3.5mm Taper       | 1    |
| 2TAP040S   | Individual Tap 4mm Second        | 1    |
| 2TAP040T   | Individual Tap 4mm Taper         | 1    |
| 2TAP050S   | Individual Tap 5mm Second        | 1    |
| 2TAP050T   | Individual Tap 5mm Taper         | 1    |
| 2TAP060S   | Individual Tap 6mm Second        | 1    |
| 2TAP060T   | Individual Tap 6mm Taper         | 1    |
| 2TAP080S   | Individual Tap 8mm Second        | 1    |
| 2TAP080T   | Individual Tap 8mm Taper         | 1    |
| 2TAPSET035 | Tap Set (Taper, 2nd, Plug) 3.5mm | 1    |
| 2TAPWB110  | Tap Wrench Bar Type M1-M10       | 1    |
| 2TAPWB112  | Tap Wrench Bar Type M1-M12       | 1    |

| Tap Size | Tapping Drill |
|----------|---------------|
| M3       | 2.5mm         |
| M3.5     | 2.8mm         |
| M4       | 3.3mm         |
| M5       | 4.2mm         |

| Tap Size | Tapping Drill |
|----------|---------------|
| M6       | 5.0mm         |
| M8       | 6.8mm         |
| M10      | 8.5mm         |
| M12      | 10.0mm        |



### Batteries

| Stock Code | Description                           |
|------------|---------------------------------------|
| 5DUR996    | Mallory Battery 6v (Pack of 1)        |
| 5DUR9V1    | Duracell Battery 9v (Pack of 1)       |
| 5DURAA4    | Duracell Battery AA 1.5v (Pack of 4)  |
| 5DURAAA4   | Duracell Battery AAA 1.5v (Pack of 4) |
| 5DURC2     | Duracell Battery C Type (Pack of 2)   |



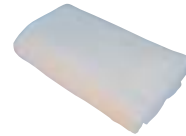
### Chain

| Stock Code | Description                 | Unit |
|------------|-----------------------------|------|
| 3CHAIN6X42 | Chain 6mm x 42mm Z.P Finish | 1    |



### Padlocks

| Stock Code | Description               | Unit |
|------------|---------------------------|------|
| 2PADL40    | Padlock Long Shackle 40mm | 1    |
| 2PADS40    | Padlock STD. Shackle 40mm | 1    |



### Dust Sheets

| Stock Code | Description                       | Unit |
|------------|-----------------------------------|------|
| 2DUSTSHEET | 12 x 9' Rayon Stitched Dust Sheet | 1    |



### Monster Blue Paper Rolls

| Stock Code | Description                    | Unit |
|------------|--------------------------------|------|
| 7BLUEROLLS | Blue Paper Rolls 350mm x 280mm | PK2  |



### Bubble Wrap

| Stock Code | Description                | Unit |
|------------|----------------------------|------|
| 7BWRAP     | Bubble Wrap 750mm x 100mtr | PK2  |



### Sack Trucks

| Stock Code    | Description      | Unit |
|---------------|------------------|------|
| 7SACKTRUCK300 | Sack Truck 300kg | 1    |



### Bin Bags / Rubble Sacks

| Stock Code | Description                    | Unit |
|------------|--------------------------------|------|
| 2BINBAG    | Black Bin Bags (200's)         | 1    |
| 2RUBSACK   | Heavy Duty Rubble Sack (100's) | 1    |





## Rags

| Stock Code | Description                | Unit |
|------------|----------------------------|------|
| 7BOXRAG    | 10kg Mixture Coloured Rags | 1    |



## Paint Brushes

| Stock Code | Description        | Unit |
|------------|--------------------|------|
| 2BRUP13    | 1/2" Paint Brushes | 1    |
| 2BRUP25    | Paint Brush 25mm   | 1    |
| 2BRUP50    | Paint Brush 50mm   | 1    |
| 2BRUP75    | Paint Brush 75mm   | 1    |



## Tarpaulin

| Stock Code | Description | Unit |
|------------|-------------|------|
| 7TARP12X9  | 12ft x 19ft | 1    |



## Masking Tape

| Stock Code | Description                   | Unit |
|------------|-------------------------------|------|
| 5TAM5024   | Paper Masking Tape 24mm x 50m | 1    |
| 5TAM5048   | Paper Masking Tape 48mm x 50m | 1    |



## Packing Tape

| Stock Code | Description                   | Unit |
|------------|-------------------------------|------|
| 5TAPBF66   | Vinyl Packing Tape 50mm x 66m | 1    |



## Hazard Tape

| Stock Code  | Description                             | Unit |
|-------------|-----------------------------------------|------|
| 5TAPBARRIER | 70mm x 500 mtr Red / White Non Adhesive | 1    |
| 5TAPHAZBK   | Black / Yellow Hazard Warning Tape      | 1    |
| 5TAPHAZRD   | Red / White Hazard Warning Tape         | 1    |



## Insulation Tape PVC 19mm x 33mtr

| Stock Code | Description                    | Unit |
|------------|--------------------------------|------|
| 5TAPVC19BE | Blue PVC Insulation Tape       | 1    |
| 5TAPVC19BK | Black PVC Insulation Tape      | 1    |
| 5TAPVC19BN | Brown PVC Insulation Tape      | 1    |
| 5TAPVC19GN | Green PVC Insulation Tape      | 1    |
| 5TAPVC19GY | Grey PVC Insulation Tape       | 1    |
| 5TAPVC19RD | Red PVC Insulation Tape        | 1    |
| 5TAPVC19RL | Green / Yellow Insulation Tape | 1    |
| 5TAPVC19WE | White PVC Insulation Tape      | 1    |
| 5TAPVC19YW | Yellow PVC Insulation Tape     | 1    |



## Ducting Tape

| Stock Code | Description                    | Unit |
|------------|--------------------------------|------|
| 5TADCB75   | Black Ducting Tape Cloth 75mm  | 1    |
| 5TADCS50   | Silver Ducting Tape Cloth 50mm | 1    |
| 5TADPVC50  | Grey Ducting PVC Tape 50mm     | 1    |



## PTFE Tape

| Stock Code | Description                  | Unit |
|------------|------------------------------|------|
| 5TAPTFE12  | PTFE White Tape 12 mtrs Roll | 1    |



## Aluminium Foil Tape

| Stock Code | Description                   | Unit |
|------------|-------------------------------|------|
| ALUFT50    | Alum Foil Tape 50mm x 45 mtr  | 1    |
| ALUFT75    | Alum Foil Tape 75mm x 45 mtr  | 1    |
| ALUFT100   | Alum Foil Tape 100mm x 45 mtr | 1    |



## Insulation Tape PVC 50mm x 33mtr

| Stock Code | Description               | Unit |
|------------|---------------------------|------|
| 5TAPVC50BK | Black PVC Insulation Tape | 1    |





### Galv Spray

| Stock Code   | Description                         | Unit |
|--------------|-------------------------------------|------|
| 3PABGS       | Bright Galvanizing Spray 500ml      | 1    |
| 3PAGALVSPRAY | Silver Zinc Galvanizing Spray 500ml | 1    |



### WD40 Aerosol

| Stock Code | Description        | Unit |
|------------|--------------------|------|
| 5WD40400   | WD40 Aerosol 400ml | 1    |



### Silicon Spray

| Stock Code  | Description         | Unit |
|-------------|---------------------|------|
| 3PASILSPRAY | Silicon Spray 400ml | 1    |



### Lining Spray

| Stock Code  | Description                | Unit |
|-------------|----------------------------|------|
| 3PALINING   | Yellow Lining Spray (2348) | 1    |
| 3PALININGB  | Blue Lining Spray 750ml    | 1    |
| 3PALININGRD | Red Lining Spray           | 1    |



### Cutting Compound

| Stock Code | Description                   | Unit |
|------------|-------------------------------|------|
| 5VCC500    | RTD Metal Cut Compound 500grm | 1    |



### Red Oxide Paint

| Stock Code | Description           | Unit |
|------------|-----------------------|------|
| 3REDOXP5LT | 5 ltr Red Oxide Paint | 1    |



### Galvafrid Paint

| Stock Code | Description | Unit |
|------------|-------------|------|
| 5GALV400   | 400ml       | 1    |
| 5GALV800   | 800ml       | 1    |



### Masks & Ear Defenders

| Stock Code | Description                             | Unit |
|------------|-----------------------------------------|------|
| 2SEQDM     | Face Mask Hygienic Non FFP              | 1    |
| 2SEQDMFFP2 | Panorama FFP2 Fold Flat Dust Respirator | 20   |
| 2SEQED     | Ear Defenders                           | Pair |
| 2SEQEP     | Foam Ear Plugs                          | Pair |



### Gloves

| Stock Code      | Description                  | Unit |
|-----------------|------------------------------|------|
| 2SEQFOAMGLOVE9  | Nitrile Coated Glove Size 9  | Pair |
| 2SEQFOAMGLOVE10 | Nitrile Coated Glove Size 10 | Pair |
| 2SEQGRGLOVE     | Orange Gripper Glove         | Pair |
| 2SEQRG          | Rigger Gloves                | Pair |
| 2SEQPOLYFLEX9   | Polyflex Foam Glove Size 9   | Pair |
| 2SEQPOLYFLEX10  | Polyflex Foam Glove Size 10  | Pair |
| 2SEQATLGLOVEL   | Handmax Atlanta Glove Size 9 | Pair |
| 2SEQATLSIZE08   | Handmax Atlanta Glove Size 8 | Pair |





### Goggles

| Stock Code | Description                 | Unit |
|------------|-----------------------------|------|
| 2SEQSG     | Safety Goggles              | 1    |
| 2SEQSGGR   | Safety Goggles For Grinding | 1    |



### Safety Spectacles

| Stock Code | Description       | Unit |
|------------|-------------------|------|
| 2SEQSS     | Safety Spectacles | 1    |



### First Aid Kits

| Stock Code  | Description                 | Unit |
|-------------|-----------------------------|------|
| 2SEQFAKIT10 | 1 - 10 Person First Aid Kit | 1    |
| 2SEQFAKIT50 | 1 - 50 Person First Aid Kit | 1    |



### Fire Extinguishers

| Stock Code | Description                                    | Unit |
|------------|------------------------------------------------|------|
| 2SEQFE1KGP | 1kg Powder Fire Extinguisher Class A, B, C & E | 1    |



### Aluminium Hop-up Platform

| Stock Code      | Description                     | Unit |
|-----------------|---------------------------------|------|
| 2BSTEPPLATFORM  | Work Platform W300 L700 H510MM  | 1    |
| 2BSTEPPLAT600MM | Work Platform W600 L1600 H510MM | 1    |



### Aluminium Industrial Class 1 Steps

| Stock Code | Description | Unit |
|------------|-------------|------|
| 2BSTEPA05  | 5 Tread     | 1    |
| 2BSTEPA06  | 6 Tread     | 1    |
| 2BSTEPA08  | 8 Tread     | 1    |
| 2BSTEPA10  | 10 Tread    | 1    |



### Electricians Fibre Glass Steps

| Stock Code | Description | Unit |
|------------|-------------|------|
| 2BSTEPSF04 | 4 Tread     | 1    |
| 2BSTEPSF05 | 5 Tread     | 1    |
| 2BSTEPSF06 | 6 Tread     | 1    |
| 2BSTEPSF08 | 8 Tread     | 1    |
| 2BSTEPSF10 | 10 Tread    | 1    |



### Step Safety Tag

| Stock Code      | Description               | Unit |
|-----------------|---------------------------|------|
| 2BSTEPSAFETYTAG | 20x Tags & labels + 1 pen | 1    |





### Dustpan & Brush

| Stock Code | Description                 | Unit |
|------------|-----------------------------|------|
| 2SEQD&B    | Plastic Dustpan & Brush Set | 1    |



### Hard Broom

| Stock Code   | Description                      | Unit |
|--------------|----------------------------------|------|
| 2SEQBROOMH18 | 18" Bassline c/w Handle and Stay | 1    |
| 2SEQBROOMH24 | 24" Bassline c/w Handle and Stay | 1    |



### Soft Broom

| Stock Code   | Description                  | Unit |
|--------------|------------------------------|------|
| 2SEQBROOMS18 | 18" Coco c/w Handle and Stay | 1    |
| 2SEQBROOMS24 | 24" Coco c/w Handle and Stay | 1    |



### Wheelie Bins

| Stock Code  | Description        | Unit |
|-------------|--------------------|------|
| 2SEQWHEELIE | 120ltr 2 Wheel Bin | 1    |



### Dustbins

| Stock Code  | Description       | Unit |
|-------------|-------------------|------|
| 2SEQDUSTBIN | 94ltr Plastic Bin | 1    |



### Transformers

| Stock Code | Description                  |
|------------|------------------------------|
| 5ETRAN15   | 1.5 KVA Transformer c/w Plug |
| 5ETRAN33   | 3.3 KVA Transformer c/w Plug |
| 5ETRAN5    | 5 KVA Transformer c/w Plug   |

### Cable Accessories & Lighting

| Stock Code | Description                           |
|------------|---------------------------------------|
| 5ELJB16    | Junction Box 16 Amp 4-Outlet          |
| 5ELPN11016 | 16 Amp 3 Pin Nylon Plug 110V          |
| 5ELTS11016 | 16 Amp Nylon Trail Socket 110v        |
| 5EXLEAD    | Extension Lead 1.5mm 110 volt x 14mtr |
| 5EXT11025  | Cable Extension Reel 110 volt x 25mtr |
| 5EXT11050  | Cable Extension Reel 110 volt x 50mtr |



Extension Leads



Carry light



Junction Box



# StrutFoot

Universal Flat Roof Support System

## H Frame Kits

The H Frame Kit is a quick and easy solution to support all cable management, ducting and pipework.

H Frames are supplied in box form.

They are designed to use UNISTRUT channel which is not supplied. As a module our manufacturing can fabricate the H Frames in house to speed up the process of installation on site.



### H Frame Kit Includes

| Product      | Quantity |
|--------------|----------|
| Plastic Feet | x 2      |
| Fixing Kit   | x 1      |

### Product Information

| Part No | Feet Size (mm) | Product Weight (kg) | Frame S.W.L (kg) |
|---------|----------------|---------------------|------------------|
| SF3305  | 305            | 4.1                 | 350              |
| SF3500  | 500            | 10                  | 500              |

## SFR Range

Pipe work, Cable management

| Part No | Model      | Length (mm) | Width (mm) | Height (mm) | Max Loading Per Foot (kg) |
|---------|------------|-------------|------------|-------------|---------------------------|
| SF4025  | SFR250     | 250         | 180        | 95          | 160                       |
| SF4040  | SFR400     | 400         | 180        | 95          | 240                       |
| SF4060  | SFR600     | 600         | 180        | 95          | 450                       |
| SF4010  | SFR1000    | 1000        | 180        | 95          | 645                       |
| SF4525  | SFR250 Low | 250         | 130        | 50          | 160                       |
| SF4540  | SFR400 Low | 400         | 130        | 50          | 240                       |

### MATERIAL SPECIFICATION

SBR-Recycled Rubber. Bound using a ratio of high quality moisture curing Polyurethane Pre-Polymer.  
BS7188:1989+A2:2009 and BS EN1176-7:2008

### METAL PROFILE

Pre Galvanised strut 41mm x 21mm profile compatible with strut fixings.

### WORKING CONDITIONS

Suitable for internal or external applications in temperatures between -40°C to +80°C. BSEN60068-2-14



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