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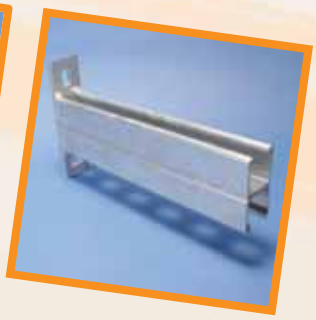
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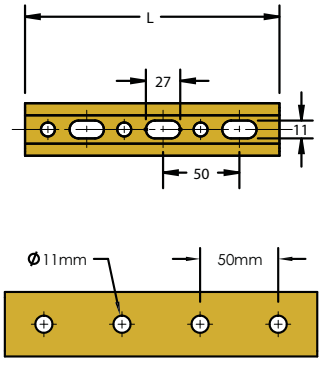
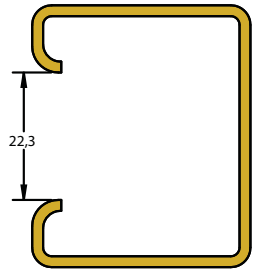
# AS

CADDY® ERISTRUT AS 41 x 41 x 2,5 mm

| | | L (m) | |
|---|---|---|---|
| **P1** | | | |
| 310360 | AS 30-1 | 3 | 10 |
| 310370 | AS 60-1 | 6 | 10 |
| **P3** | | | |
| 310400 | AS 30-3 | 3 | 10 |
| 310410 | AS 60-3 | 6 | 10 |



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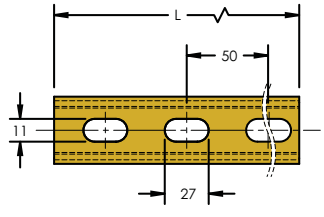
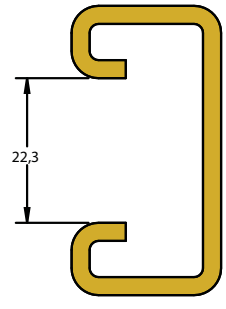
# LDC

CADDY® ERISTRUT LDC 21 x 41 x 1,5 mm

| | | L (m) | |
|---|---|---|---|
| **P1** | | | |
| 317116 | LDC 20-1 2M | 2 | 10 |
| 317119 | LDC 30-1 3M | 3 | 10 |
| 317131 | LDC 60-1 6M | 6 | 10 |
| **P2** | | | |
| 317117 | LDC 20-2 2M | 2 | 1 |



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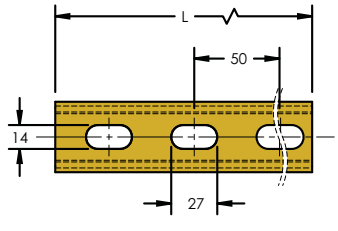
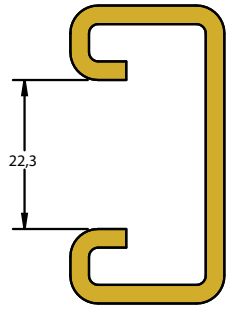
# MDC

CADDY® ERISTRUT MDC 21 x 41 x 2 mm

| | | L (m) | P | |
|---|---|---|---|---|
| 310256 | MDC 20-1 | 2 | P1 | 10 |
| 310257 | MDC 30-1 | 3 | P1 | 10 |



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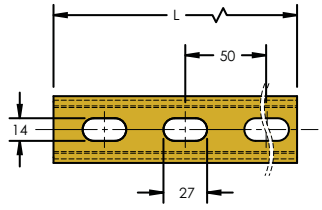
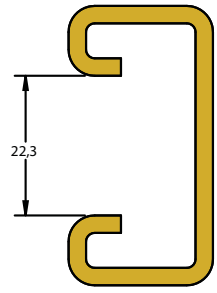
# DC

CADDY® ERISTRUT DC 21 x 41 x 2,5 mm

| | | L (m) | |
|---|---|---|---|
| P1 | | | |
| 387365 | DC 20-1 2M | 2 | 10 |
| 310241 | DC 30-1 3M | 3 | 10 |
| 310283 | DC 40-1 4M | 4 | 10 |
| 310255 | DC 60-1 6M | 6 | 10 |
| P2 | | | |
| 310265 | DC 60-2 6M | 6 | 1 |
| P3 | | | |
| 310281 | DC 30-3 3M | 3 | 10 |
| 310286 | DC 40-3 4M | 4 | 10 |
| 310291 | DC 60-3 6M | 6 | 10 |

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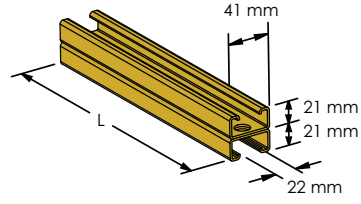
# DDC

CADDY® ERISTRUT DDC 2 x 21 x 41 x 2,5 mm

| | | L (m) | |
|---|---|---|---|
| P1 | | | |
| 310061 | DDC 30-1 3M | 3 | 5 |
| 310071 | DDC 60-1 6M | 6 | 5 |
| P3 | | | |
| 310101 | DDC30-3 3M | 3 | 5 |
| 310111 | DDC 60-3 6M | 6 | 5 |

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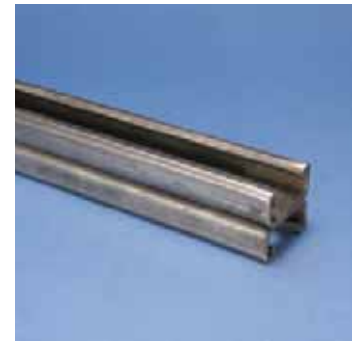
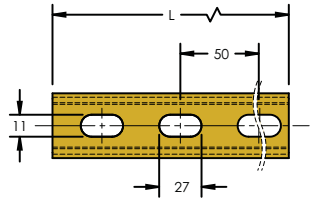
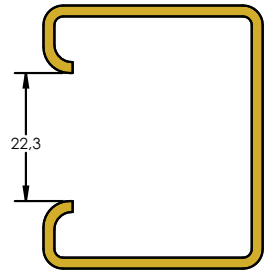


# LAC

CADDY® ERISTRUT LAC 41 x 41 x 1,5 mm

| | | L (m) | |
|---|---|---|---|
| P1 | | | |
| 317096 | LAC 20-1 2M | 2 | 10 |
| 317099 | LAC 30-1 3M | 3 | 10 |
| 317111 | LAC 60-1 6M | 6 | 10 |
| P2 | | | |
| 317345 | LAC 20-2 2M | 2 | 1 |
| P3 | | | |
| 317241 | LAC 30-3 3M | 3 | 10 |
| 317251 | LAC 60-3 6M | 6 | 10 |

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# MAC

CADDY® ERISTRUT MAC 41 x 41 x 2 mm

| | | L (m) | P | |
|---|---|---|---|---|
| 310293 | MAC20-1 2M | 2 | P1 | 10 |
| 310303 | MAC30-1 3M | 3 | P1 | 10 |
| 310313 | MAC60-1 6M | 6 | P1 | 10 |

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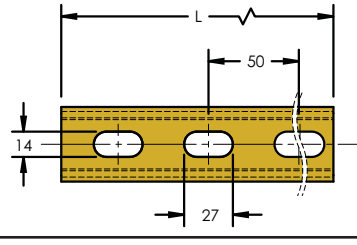
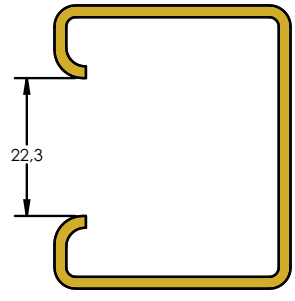


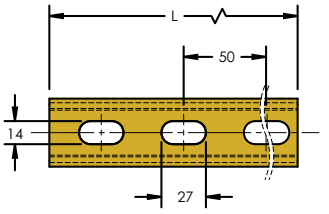






# AC

CADDY® ERISTRUT AC 41 x 41 x 2,5 mm

| | | L (m) | |
|---|---|---|---|
| **P1** | | | |
| 385505 | AC 20-1 2M | 2 | 10 |
| 310299 | AC 30-1 3M | 3 | 10 |
| 310333 | AC 40-1 4M | 4 | 10 |
| 310311 | AC 60-1 6M | 6 | 10 |
| **P2** | | | |
| 310326 | AC 60-2 6M | 6 | 1 |
| **P3** | | | |
| 310339 | AC 30-3 3M | 3 | 10 |
| 310332 | AC 40-3 4M | 4 | 10 |
| 310358 | AC 60-3 6M | 6 | 10 |

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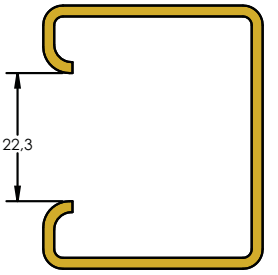
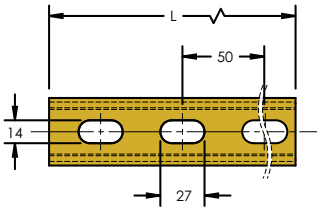


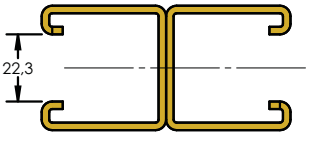



# AAC

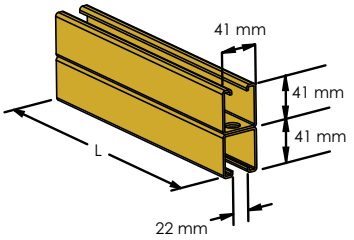
AAC 2 x 41 x 41 x 2,5 mm

| | | L (m) | |
|---|---|---|---|
| **P1** | | | |
| 310181 | AAC30-1 3M | 3 | 5 |
| 310191 | AAC60-1 6M | 6 | 5 |
| **P3** | | | |
| 310221 | AAC30-3 3M | 3 | 5 |
| 310222 | AAC40-3 4M | 4 | 5 |
| 310231 | AAC60-3 6M | 6 | 5 |



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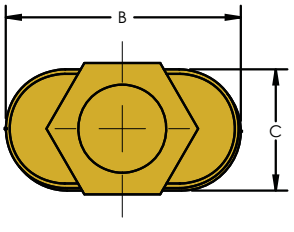
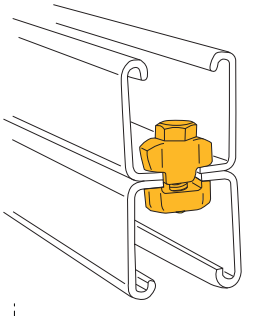
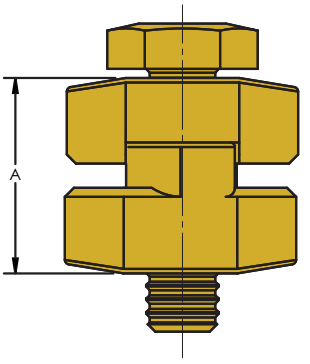
# STS

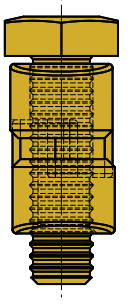
| | | A (mm) | B (mm) | C (mm) | | P | |
|---|---|---|---|---|---|---|---|
| 315450 | STS | 22 | 25 | 12 | 41x21 + 41x41 | P1 | 100 |





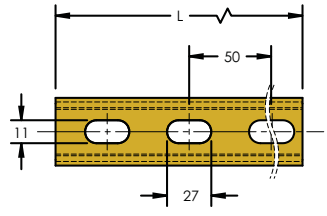


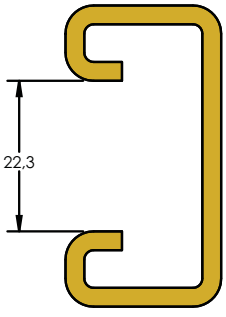
# CLDC

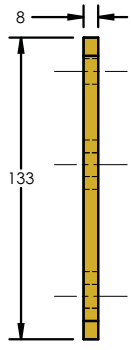
CADDY® ERISTRUT CLDC 21 x 41 x 1,5 mm

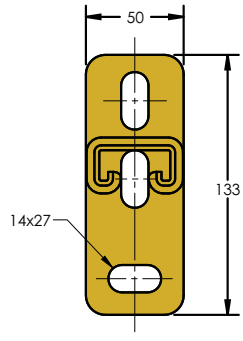
| | | L (mm) | |
|---|---|---|---|
| **P1** | | | |
| 311681 | CLDC 15-1 150mm | 150 | 20 |
| 311686 | CLDC 30-1 300mm | 300 | 20 |
| 311691 | CLDC 45-1 450mm | 450 | 10 |
| **P3** | | | |
| 311680 | CLDC 15-3 150mm | 150 | 20 |
| 311685 | CLDC 30-3 300mm | 300 | 20 |
| 311690 | CLDC 45-3 450mm | 450 | 10 |



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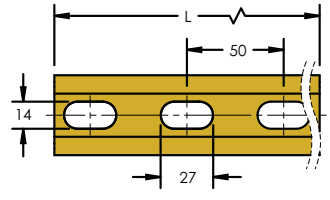
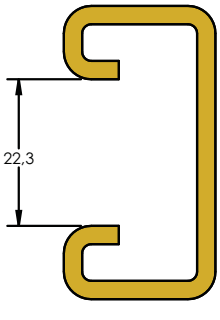
# CDC

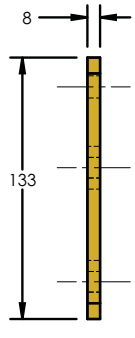
CADDY® ERISTRUT CDC 21 x 41 x 2,5 mm

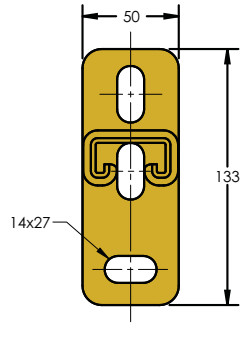
| | | L (mm) | |
|---|---|---|---|
| **P1** | | | |
| 311657 | CDC 15-1 150mm | 150 | 20 |
| 311667 | CDC 30-1 300mm | 300 | 10 |
| 311677 | CDC 45-1 450mm | 450 | 5 |
| **P2** | | | |
| 311658 | CDC 15-2 150mm | 150 | 20 |
| 311662 | CDC 30-2 300mm | 300 | 20 |
| 311668 | CDC 45-2 450mm | 450 | 10 |
| **P3** | | | |
| 311649 | CDC 15-3 150mm | 150 | 20 |
| 311659 | CDC 30-3 300mm | 300 | 10 |
| 311669 | CDC 45-3 450mm | 450 | 5 |



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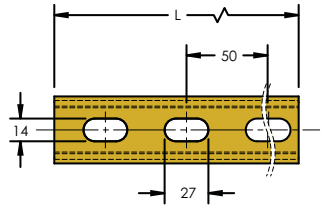
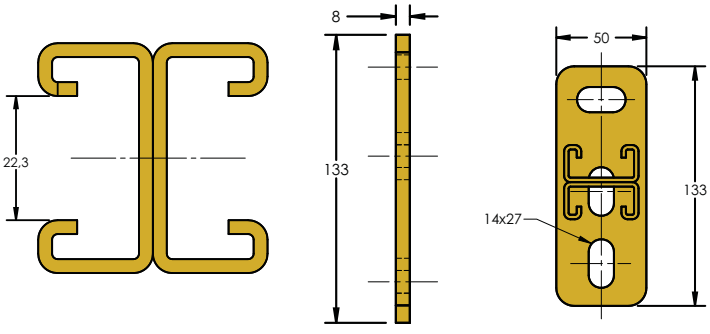
# CDDC

CADDY® ERISTRUT CDDC 2 x 21 x 41 x 2,5 mm

| | | L (mm) | P | |
|---|---|---|---|---|
| 311805 | CDDC 30-3 300mm | 300 | P3 | 10 |
| 311815 | CDDC 45-3 450mm | 450 | P3 | 5 |
| 311825 | CDDC 60-3 600mm | 600 | P3 | 1 |
| 311835 | CDDC 75-3 750mm | 750 | P3 | 1 |



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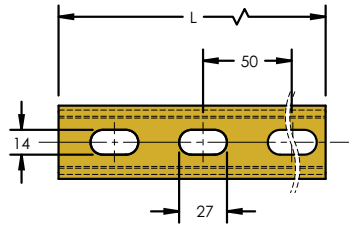
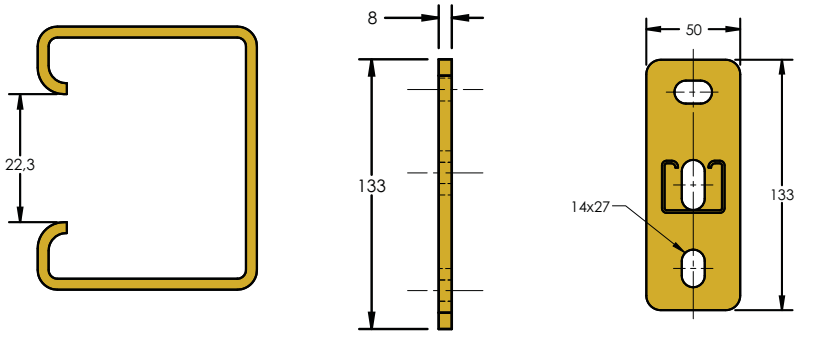
# CAC

CADDY® ERISTRUT CAC 41 x 41 x 2,5 mm

| | | L (mm) | |
|---|---|---|---|
| **P1** | | | |
| 311707 | CAC15-1 150mm | 150 | 20 |
| 311708 | CAC20-1 200mm | 200 | 20 |
| 311717 | CAC30-1 300mm | 300 | 10 |
| 311728 | CAC45-1 450mm | 450 | 5 |
| 311729 | CAC50-1 500mm | 500 | 5 |
| 311731 | CAC60-1 600mm | 600 | 1 |
| 311756 | CAC75-1 750mm | 750 | 1 |
| **P2** | | | |
| 311693 | CAC15-2 150mm | 150 | 20 |
| 311694 | CAC30-2 300mm | 300 | 20 |
| 311695 | CAC45-2 450mm | 450 | 10 |
| 311696 | CAC60-2 600mm | 600 | 1 |
| 311697 | CAC75-2 750mm | 750 | 1 |
| 311698 | CAC100-2 1000mm | 1,000 | 1 |
| **P3** | | | |
| 311702 | CAC15-3 150mm | 150 | 20 |
| 311703 | CAC20-3 200mm | 200 | 20 |
| 311713 | CAC30-3 300mm | 300 | 10 |
| 311718 | CAC45-3 450mm | 450 | 5 |
| 311732 | CAC50-3 500mm | 500 | 5 |
| 311733 | CAC60-3 600mm | 600 | 1 |
| 311757 | CAC75-3 750mm | 750 | 1 |
| 311758 | CAC100-3 1000mm | 1,000 | 1 |
| 311759 | CAC120-3 1200mm | 1,200 | 1 |
| 311760 | CAC150-3 1500mm | 1,500 | 1 |
| 311761 | CAC200-3 2000mm | 2,000 | 1 |



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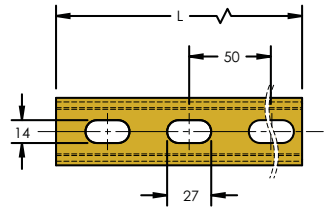
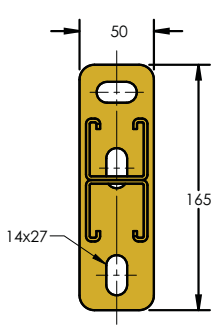
# CAAC

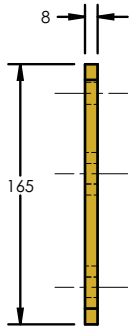
CADDY® ERISTRUT CAAC 2 x 41 x 41 x 2,5 mm

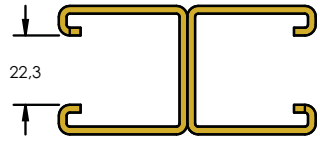
| | | L (mm) | P | |
|---|---|---|---|---|
| 311401 | CAAC30-3 300mm | 300 | P3 | 5 |
| 311409 | CAAC40-3 400mm | 400 | P3 | 5 |
| 311411 | CAAC45-3 450mm | 450 | P3 | 5 |
| 311419 | CAAC 50-3 500mm | 500 | P3 | 5 |
| 311421 | CAAC 60-3 600mm | 600 | P3 | 1 |
| 311431 | CAAC 75-3 750mm | 750 | P3 | 1 |
| 311439 | CAAC80-3 800mm | 800 | P3 | 1 |
| 311441 | CAAC90-3 900mm | 900 | P3 | 1 |
| 311451 | CAAC 105-3 1050mm | 1,050 | P3 | 1 |



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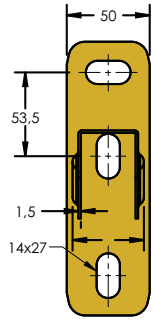
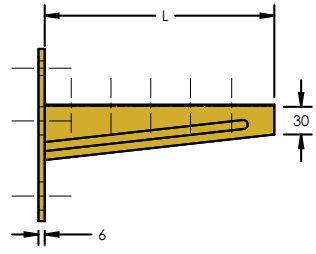
# CTRI

CADDY® ERISTRUT CTRI 1,5 mm

| | | L (mm) | P | |
|---|---|---|---|---|
| 311920 | CTRI12-3 | 120 | P3 | 20 |
| 311925 | CTRI16-3 | 160 | P3 | 20 |
| 311930 | CTRI21-3 | 210 | P3 | 20 |
| 311935 | CTRI26-3 | 260 | P3 | 20 |
| 311940 | CTRI31-3 | 310 | P3 | 10 |
| 311945 | CTRI41-3 | 410 | P3 | 10 |
| 311950 | CTRI51-3 | 510 | P3 | 5 |
| 311955 | CTRI61-3 | 610 | P3 | 5 |



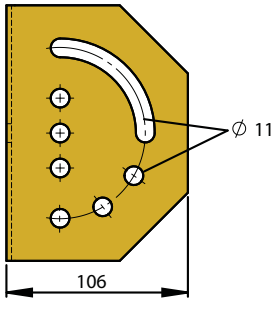



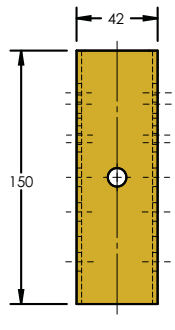


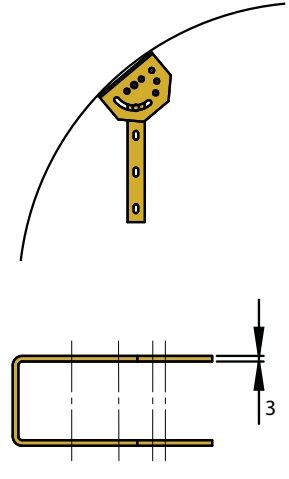

p.201

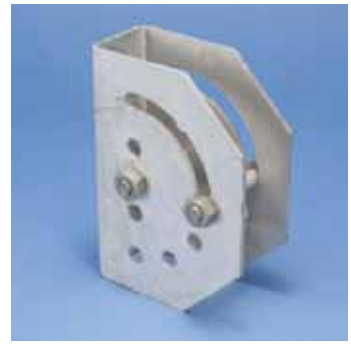
# SNZ-SNA

| | | |
|---|---|---|
| P1 | | |
| 311905 | SNZ-1 | 1 |
| P3 | | |
| 311900 | SNA-3 | 1 |



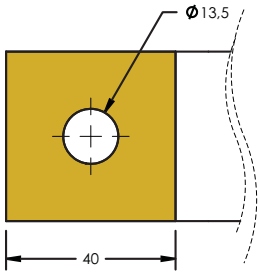



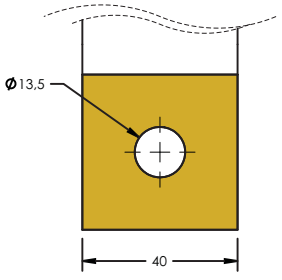



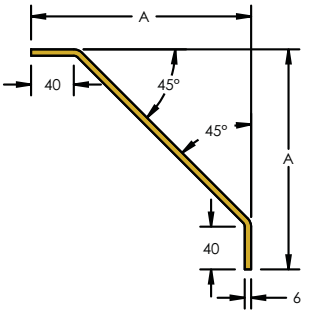



# ZWA 223 / ZWA 225

| | | A (mm) | P | |
|---|---|---|---|---|
| 311841 | ZWA 224 | 200 | P3 | 1 |
| 311840 | ZWA 223 | 300 | P3 | 1 |
| 311842 | ZWA 225 | 500 | P3 | 1 |






# KIT U

| | | Fig. # | P | | | |
|---|---|---|---|---|---|---|
| **KIT U** | | | | | | |
| 590000 | KIT U 450 | 1 | P3 | 1 | 1000 N | 1000 N |
| 590010 | KIT U 600 | 1 | P3 | 1 | 730 N | 730 N |
| **KIT U Silent** | | | | | | |
| 589980 | KIT U 450 silent | 2 | P3 | 1 | 1000 N | 1000 N |
| 589990 | KIT U 600 silent | 2 | P3 | 1 | 730 N | 730 N |

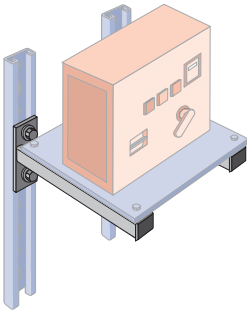
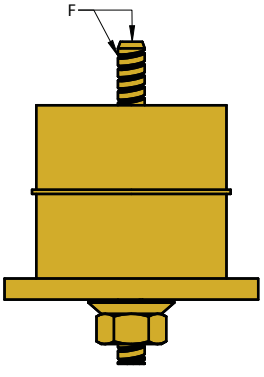


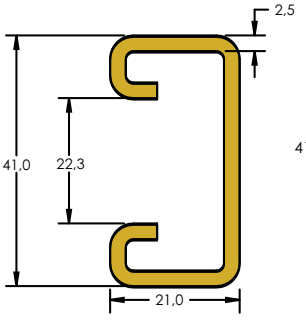


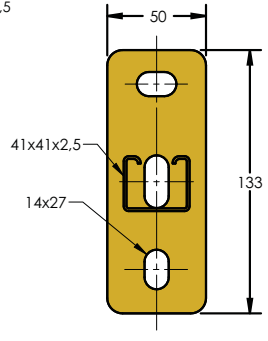
Fig. #1

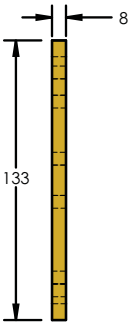


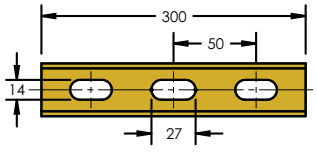
Fig. #2



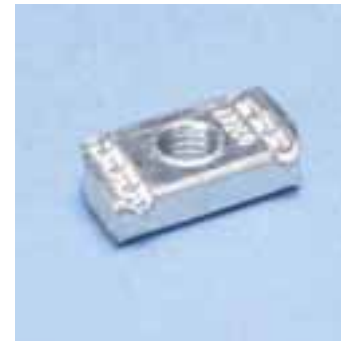



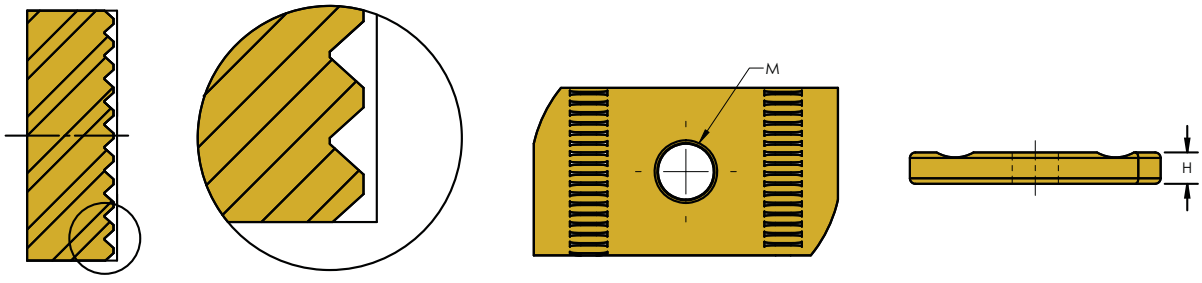



# UM

| | | H (mm) | M | | |
|---|---|---|---|---|---|
| **P1** | | | | | |
| 314995 | UM 506-1 | 5 | M6 | 100 | 12 N-m |
| 315015 | UM 608-1 | 6 | M8 | 100 | 28 N-m |
| 315025 | UM 810-1 | 8 | M10 | 100 | 55 N-m |
| 315035 | UM 812-1 | 8 | M12 | 100 | 95 N-m |
| **P2** | | | | | |
| 315140 | UM 506-2 | 5 | M6 | 100 | 12 N-m |
| 315150 | UM 608-2 | 6 | M8 | 100 | 28 N-m |
| 315160 | UM 810-2 | 8 | M10 | 100 | 55 N-m |
| 315170 | UM 812-2 | 8 | M12 | 100 | 95 N-m |
| **P3** | | | | | |
| 315000 | UM 506-3 | 5 | M6 | 100 | 12 N-m |
| 315010 | UM 608-3 | 6 | M8 | 100 | 28 N-m |
| 315020 | UM 810-3 | 8 | M10 | 100 | 55 N-m |
| 315030 | UM 812-3 | 8 | M12 | 100 | 95 N-m |



UM

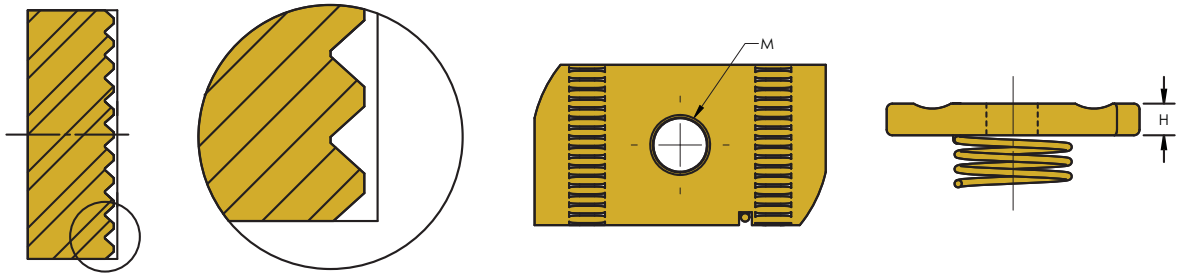



# UD

| | | H (mm) | M | | |
|---|---|---|---|---|---|
| **P1** | | | | | |
| 315045 | UD 506-1 | 5 | M6 | 100 | 12 N-m |
| 315055 | UD 608-1 | 6 | M8 | 100 | 28 N-m |
| 315065 | UD 810-1 | 8 | M10 | 100 | 55 N-m |
| 315075 | UD 812-1 | 8 | M12 | 100 | 95 N-m |
| **P2** | | | | | |
| 315210 | UD 506-2 | 5 | M6 | 100 | 12 N-m |
| 315220 | UD 608-2 | 6 | M8 | 100 | 28 N-m |
| 315230 | UD 810-2 | 8 | M10 | 100 | 55 N-m |
| 315240 | UD 812-2 | 8 | M12 | 100 | 95 N-m |
| **P3** | | | | | |
| 315040 | UD 506-3 | 5 | M6 | 100 | 12 N-m |
| 315050 | UD 608-3 | 6 | M8 | 100 | 28 N-m |
| 315060 | UD 810-3 | 8 | M10 | 100 | 55 N-m |
| 315070 | UD 812-3 | 8 | M12 | 100 | 95 N-m |



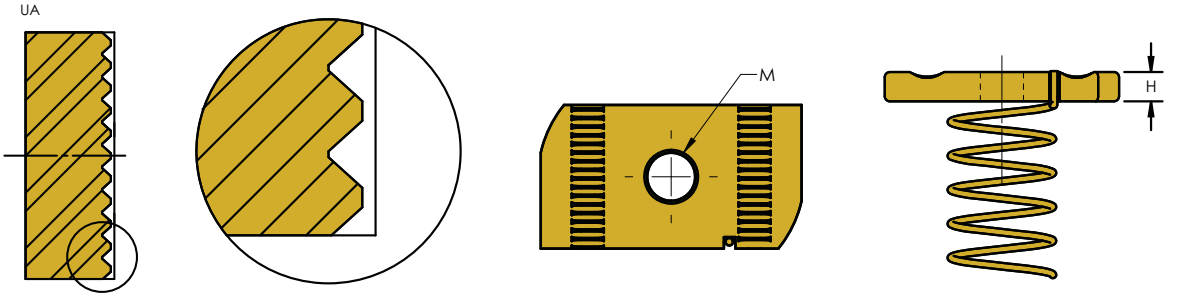
UD



# UA

| | | H (mm) | M | | |
|---|---|---|---|---|---|
| **P1** | | | | | |
| 315085 | UA 506-1 | 5 | M6 | 100 | 12 N-m |
| 315095 | UA 608-1 | 6 | M8 | 100 | 28 N-m |
| 315105 | UA 810-1 | 8 | M10 | 100 | 55 N-m |
| 315115 | UA 812-1 | 8 | M12 | 100 | 95 N-m |
| **P2** | | | | | |
| 315180 | UA 506-2 | 5 | M6 | 100 | 12 N-m |
| 315190 | UA 608-2 | 6 | M8 | 100 | 28 N-m |
| 315120 | UA 810-2 | 8 | M10 | 100 | 55 N-m |
| 315200 | UA 812-2 | 8 | M12 | 100 | 95 N-m |
| **P3** | | | | | |
| 315080 | UA 506-3 | 5 | M6 | 100 | 12 N-m |
| 315090 | UA 608-3 | 6 | M8 | 100 | 28 N-m |
| 315100 | UA 810-3 | 8 | M10 | 100 | 55 N-m |
| 315110 | UA 812-3 | 8 | M12 | 100 | 95 N-m |

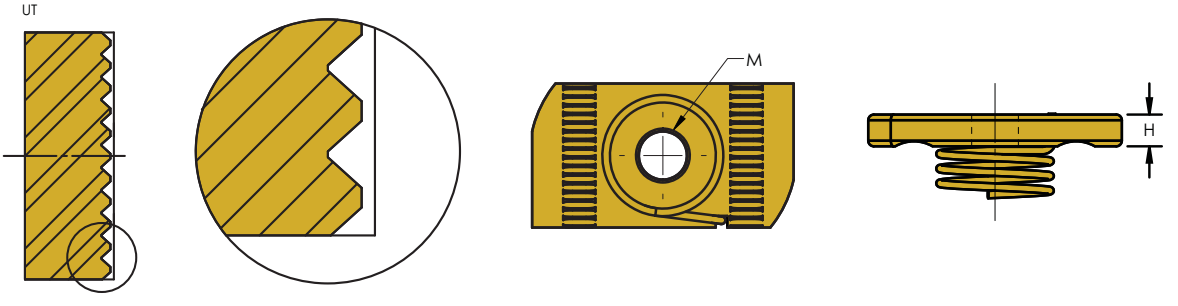





# UT

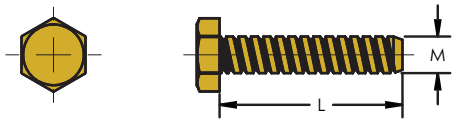
| | | H (mm) | M | | |
|---|---|---|---|---|---|
| **P1** | | | | | |
| 315305 | UT 608-1 | 6 | M8 | 100 | 28 N-m |
| 315315 | UT 810-1 | 8 | M10 | 100 | 55 N-m |
| 315325 | UT 812-1 | 8 | M12 | 100 | 95 N-m |
| **P2** | | | | | |
| 315295 | UT 506-1 | 6 | M6 | 100 | 12 N-m |
| 515332 | UT 506-2 | 6 | M6 | 100 | 12 N-m |
| 515333 | UT 608-2 | 6 | M8 | 100 | 28 N-m |
| 515334 | UT 810-2 | 8 | M10 | 100 | 55 N-m |
| 515335 | UT 812-2 | 8 | M12 | 100 | 95 N-m |
| **P3** | | | | | |
| 515331 | UT 506-3 | 6 | M6 | 100 | 12 N-m |
| 315300 | UT 608-3 | 6 | M8 | 100 | 28 N-m |
| 315310 | UT 810-3 | 8 | M10 | 100 | 55 N-m |
| 315320 | UT 812-3 | 8 | M12 | 100 | 95 N-m |





# THM

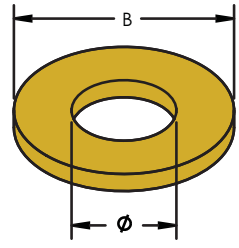
| | | L (mm) | M | P | |
|---|---|---|---|---|---|
| 593745 | THM 10x25-3 | 25 | M10 | P3 | 100 |
| 593755 | THM 10x30-3 | 30 | M10 | P3 | 100 |






# MU

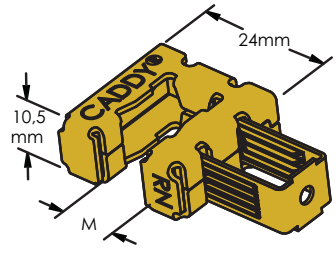
| | | B (mm) | Ø (mm) | P | |
|---|---|---|---|---|---|
| 592415 | MU10-3 | 21 | 10.5 | P3 | 100 |






# ISN

| | | M | P | | |
|---|---|---|---|---|---|
| 187340 | ISN M6 | M6 | P1 | 50 | 550 N |
| 187350 | ISN M8 | M8 | P1 | 50 | 660 N |
| 187360 | ISN M10 | M10 | P1 | 50 | 660 N |

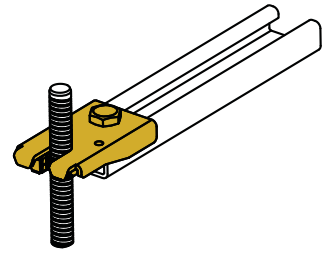





# ISSP



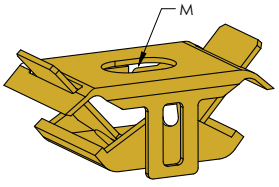
| | | M | P | | |
|---|---|---|---|---|---|
| 190800 | ISSP | - | P1 | 50 | - |
| 190810 | ISSP M6 | M6 | P1 | 24 | 750 N |
| 190820 | ISSP M8 | M8 | P1 | 24 | 1000 N |
| 190830 | ISSP M10 | M10 | P1 | 24 | 1000 N |

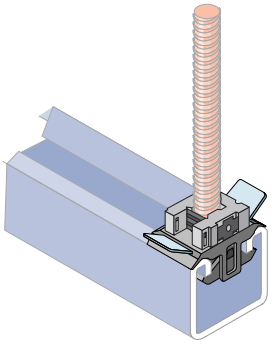




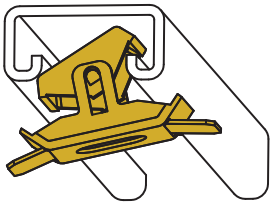
# CADDY® SLICK NUT

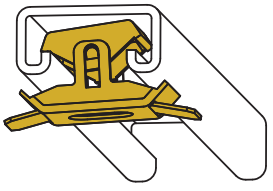
| | | M | P | |
|---|---|---|---|---|
| 174460 | SLICK M6 | M6 | P21 | 100 |
| 174340 | SLICK M8 | M8 | P21 | 100 |
| 174350 | SLICK M10 | M10 | P21 | 100 |
| 174550 | SLICK M12 | M12 | P21 | 100 |

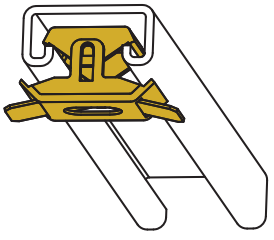






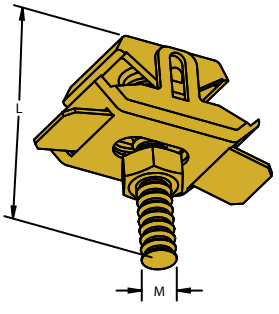


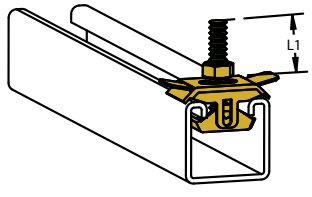


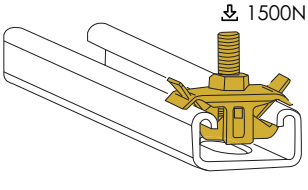
# CADDY® SLICK NUT 50-130

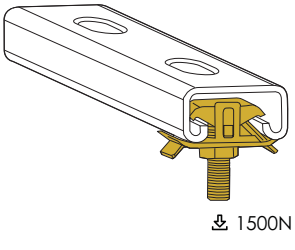
| | | L (mm) | L1 (mm) | M | P | |
|---|---|---|---|---|---|---|
| 174360 | CADDY SLICK NUT 50 M8 | 50 | 33 | M8 | P21 | 100 |
| 174370 | CADDY SLICK NUT 70 M8 | 70 | 53 | M8 | P21 | 100 |
| 174380 | CADDY SLICK NUT 90 M8 | 90 | 73 | M8 | P21 | 100 |
| 174390 | CADDY SLICK NUT 110 M8 | 110 | 93 | M8 | P21 | 100 |
| 174400 | CADDY SLICK NUT 130 M8 | 130 | 113 | M8 | P21 | 100 |
| 174410 | CADDY SLICK NUT 50 M10 | 50 | 33 | M10 | P21 | 100 |
| 174420 | CADDY SLICK NUT 70 M10 | 70 | 53 | M10 | P21 | 100 |
| 174430 | CADDY SLICK NUT 90 M10 | 90 | 73 | M10 | P21 | 100 |
| 174440 | CADDY SLICK NUT 110 M10 | 110 | 93 | M10 | P21 | 100 |
| 174450 | CADDY SLICK NUT 130 M10 | 130 | 113 | M10 | P21 | 100 |

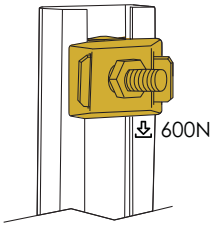


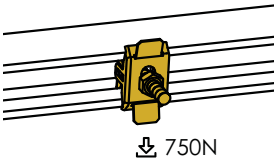


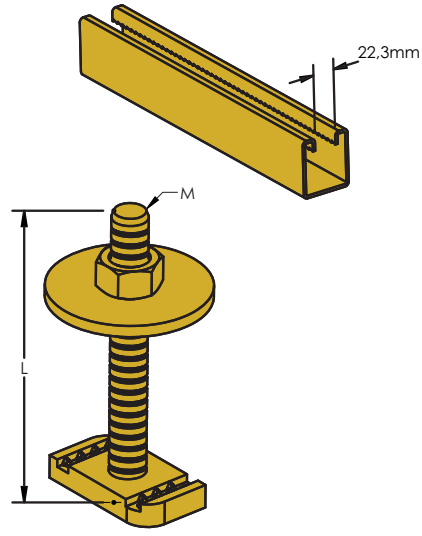



# TMN

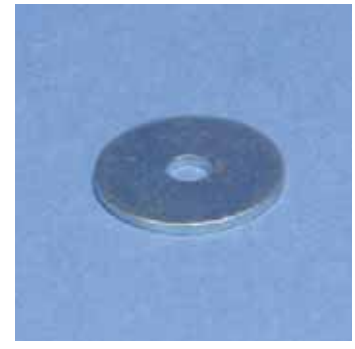
| | | L (mm) | M | |
|---|---|---|---|---|
| **P1** | | | | |
| 590220 | TMN 41 8X30 | 30 | M8 | 100 |
| 590080 | TMN 41 8x40 | 40 | M8 | 100 |
| 590221 | TMN 41 8x50 | 50 | M8 | 100 |
| 590222 | TMN 41 8x60 | 60 | M8 | 100 |
| 590223 | TMN 41 8x100 | 100 | M8 | 50 |
| 590090 | TMN 41 10x40 | 40 | M10 | 100 |
| 590224 | TMN 41 10x50 | 50 | M10 | 100 |
| 590225 | TMN 41 10x60 | 60 | M10 | 100 |
| 590226 | TMN 41 10x70 | 70 | M10 | 100 |
| 590227 | TMN 41 10x80 | 80 | M10 | 100 |
| 590228 | TMN 41 10x90 | 90 | M10 | 50 |
| 590100 | TMN 41 12x40 | 40 | M12 | 100 |
| **P2** | | | | |
| 590093 | TMN41- 8X40-2 | 40 | M8 | 50 |
| 590094 | TMN41-10X40-2 | 40 | M10 | 50 |
| 590095 | TMN41-12X40-2 | 40 | M12 | 50 |

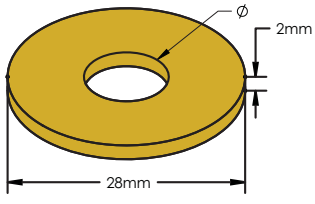


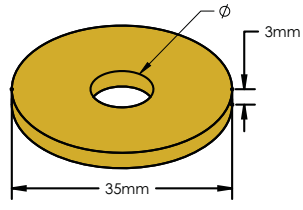


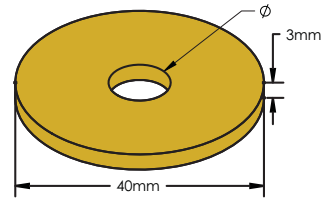

# WSL

| | | Ø (mm) | P | |
|---|---|---|---|---|
| 585200 | WSL 28-6 | 6.2 | P1 | 100 |
| 584596 | WSL 28-8 | 8.4 | P1 | 100 |
| 584597 | WSL 28-10 | 10.5 | P1 | 100 |
| 584598 | WSL 35-8 | 8.4 | P1 | 100 |
| 584599 | WSL 35-10 | 10.5 | P1 | 100 |
| 584600 | WSL 40-8 | 8.4 | P1 | 100 |
| 584610 | WSL 40-10 | 10.5 | P1 | 100 |
| 584611 | WSL 40-13 | 13 | P1 | 100 |
| 584612 | WSL 40-17 | 17 | P1 | 100 |



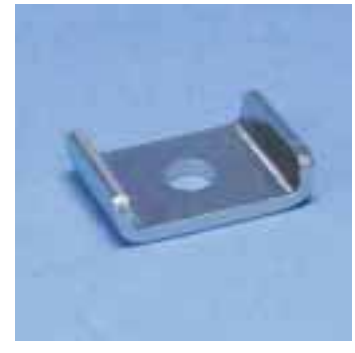


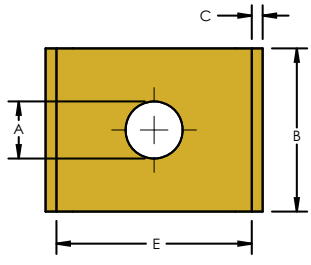




# PLN

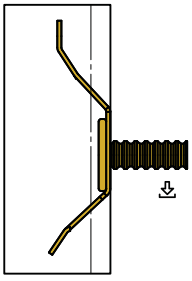
| | | A (mm) | B x C (mm) | E (mm) | |
|---|---|---|---|---|---|
| **P1** | | | | | |
| 589925 | PLN 42x30-8,4mm | 8.4 | 30 x 3 | 42 | 100 |
| 589930 | PLN 42x30-10,5mm | 10.5 | 30 x 3 | 42 | 100 |
| 589940 | PLN 42x30-13,0mm | 13.0 | 30 x 3 | 42 | 100 |
| **P2** | | | | | |
| 589928 | PLN 50X40-11mm | 11.0 | 40 x 2 | 50 | 1 |

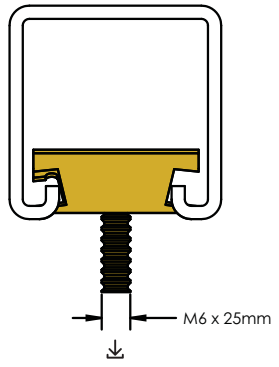


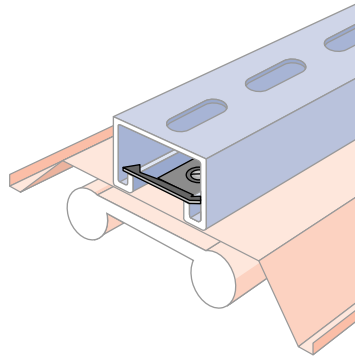


# MFA-SM

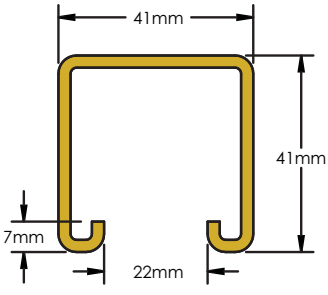
| | | P | | | |
|---|---|---|---|---|---|
| 160300 | MFASM25 | P21 | 100 | 450 N | 200 N |

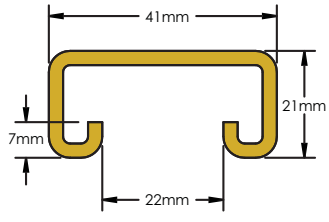


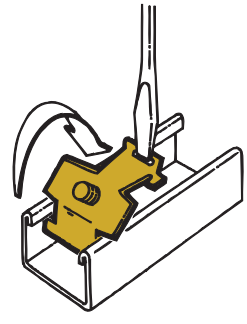




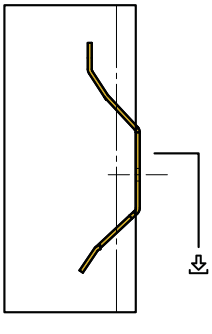


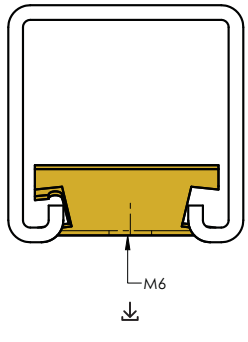



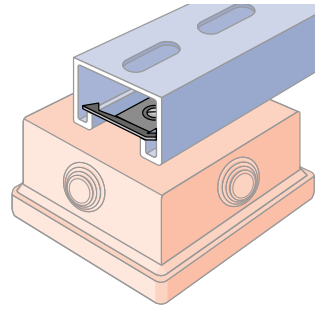



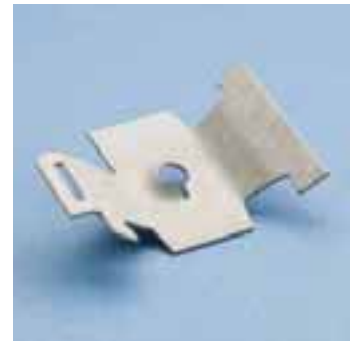
# MFA-M6

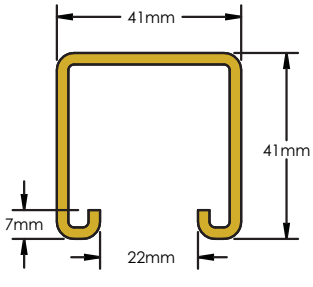
| | | P | | | |
|---|---|---|---|---|---|
| 160310 | MFAM6 | P21 | 100 | 450 N | 200 N |

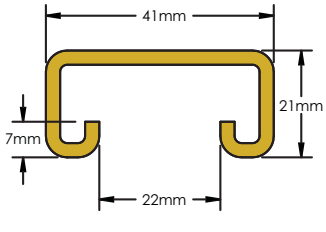




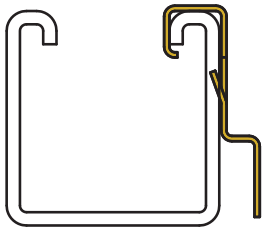


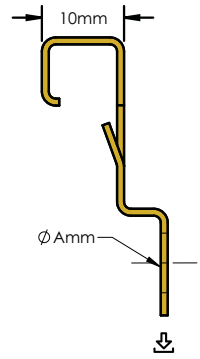


# ESC

| | | Ø A (mm) | P | | |
|---|---|---|---|---|---|
| 174560 | ESC-4 | 6.8 | P21 | 100 | 700 N |

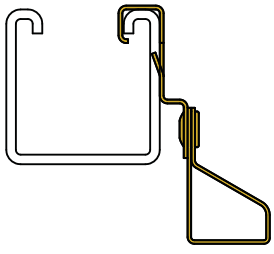


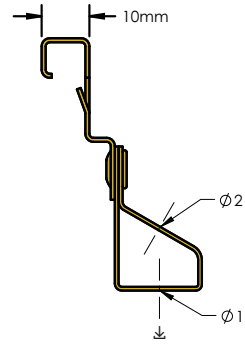





# ESC-MTit/T

| | | Ø 1 | Ø 2 (mm) | P | | |
|---|---|---|---|---|---|---|
| 174575 | M6TiESC | M6 | 11x15 | P21 | 100 | 700 N |
| 174580 | M8TiESC | M8 | 11x15 | P21 | 100 | 700 N |
| 174585 | M10TiESC | M10 | 11x15 | P21 | 100 | 700 N |
| 174590 | T10ESC | 11 mm | 11x15 | P21 | 100 | 700 N |

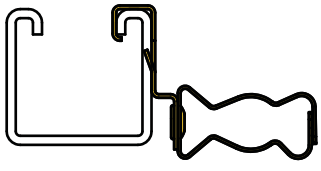


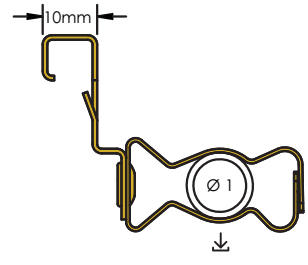





# ESC M

| | | Ø 1 (mm) | P | | |
|---|---|---|---|---|---|
| 174595 | ESC6M | 14-18 | P21 | 100 | 120 N |
| 174600 | ESC812M | 18-30 | P21 | 100 | 120 N |
| 174605 | ESC16M | 30-35 | P21 | 100 | 120 N |
| 174610 | ESC20M | 35-42 | P21 | 50 | 120 N |

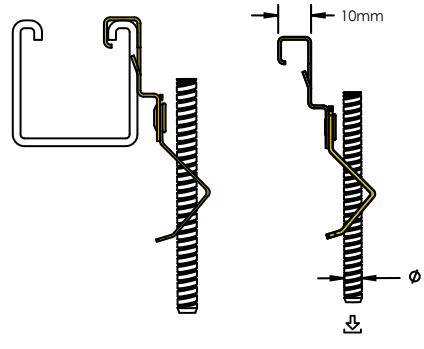







# ESC MA

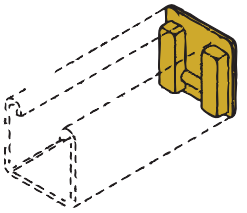
| | | Ø | P | | |
|---|---|---|---|---|---|
| 174615 | ESCM6MA | M6 | P21 | 100 | 600 N |
| 174620 | ESCM8MA | M8 | P21 | 100 | 700 N |
| 174625 | ESCM10MA | M10 | P21 | 100 | 700 N |

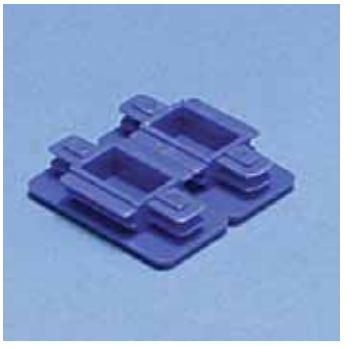





# ADK 421

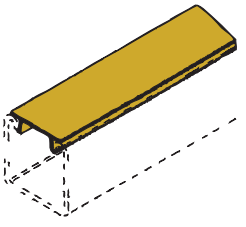
| | | | P | |
|---|---|---|---|---|
| 313305 | ADK 421 | 41x41 \| 41x21 | P13 | 100 |





# DLP / DLM

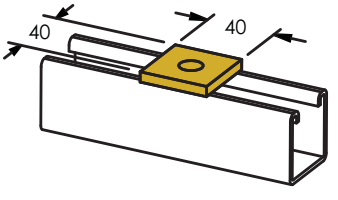
| | | |
|---|---|---|
| **P1** | | |
| 313320 | DLM | 1 (3 m) |
| **P11** | | |
| 313310 | DLP | 1 (3 m) |

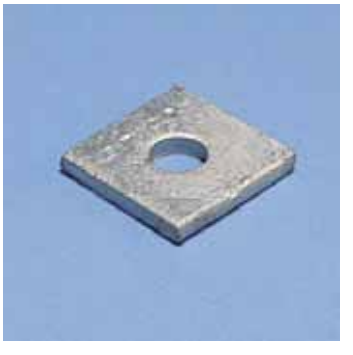




# ZE 100 / ZEA 100

| | | |
|---|---|---|
| **P2** | | |
| 388710 | ZEA 100-2 | 1 |
| **P3** | | |
| 313000 | ZE 100 | 25 |
| 387500 | ZEA 100 | 25 |

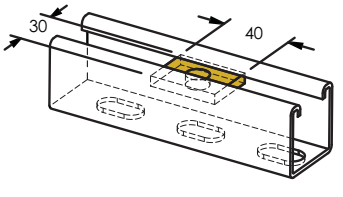


ZE = ZEA = mm

# ZE 101 / ZEA 101

| | | | |
|---|---|---|---|
| 313010 | ZE 101 | P3 | 25 |
| 387510 | ZEA 101 | P3 | 25 |

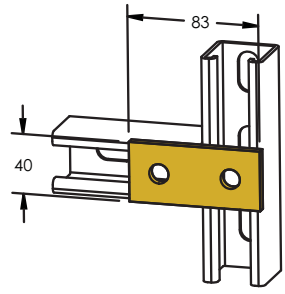





ZE = ZEA = mm

# ZE 102 / ZEA 102

| | | |
|---|---|---|
| **P2** | | |
| 387522 | ZEA 102-2 | 1 |
| **P3** | | |
| 313020 | ZE 102 | 25 |
| 387520 | ZEA 102 | 25 |

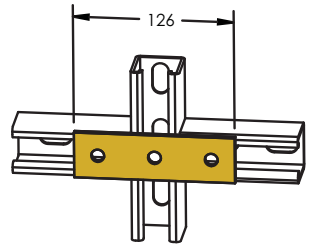





ZE = ZEA = mm

# ZEA 103

| | | |
|---|---|---|
| **P2** | | |
| 387532 | ZEA 103-2 | 1 |
| **P3** | | |
| 387530 | ZEA 103 | 25 |

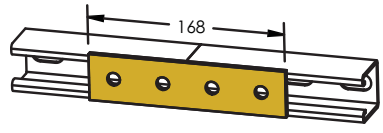





ZE = ZEA = mm

# ZE 104 / ZEA 104

| | | |
|---|---|---|
| **P2** | | |
| 387542 | ZEA 104-2 | 1 |
| **P3** | | |
| 313040 | ZE 104 | 10 |
| 387540 | ZEA 104 | 10 |

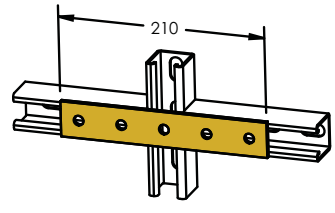


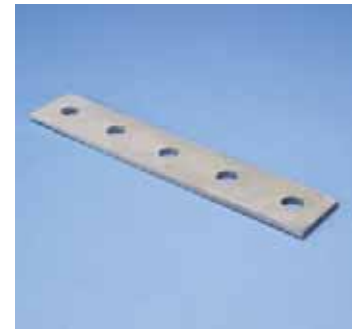



ZE = ZEA = mm

# ZEA 105

| | | | |
|---|---|---|---|
| 387550 | ZEA 105 | P3 | 10 |

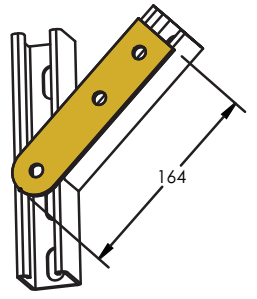


ZE = ZEA = mm

# ZEA 106

| | | P | |
|---|---|---|---|
| 387560 | ZEA 106 | P3 | 25 |

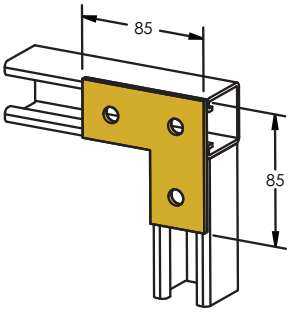





ZE = ZEA = mm

# ZE 107 / ZEA 107

| | | |
|---|---|---|
| **P2** | | |
| 387572 | ZEA 107-2 | 1 |
| **P3** | | |
| 313070 | ZE 107 | 25 |
| 387570 | ZEA 107 | 25 |

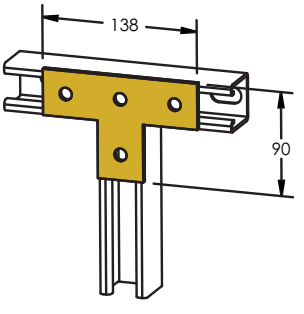





ZE = ZEA = mm

# ZE 108 / ZEA 108

| | | |
|---|---|---|
| **P2** | | |
| 388701 | ZEA 108-2 | 1 |
| **P3** | | |
| 313080 | ZE 108 | 25 |
| 387580 | ZEA 108 | 25 |

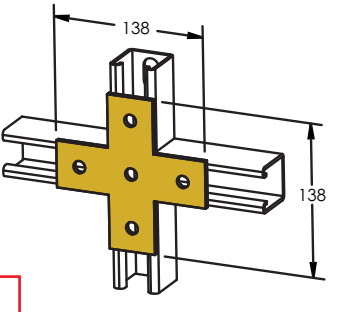





ZE = ZEA = mm

# ZEA 109

| | | P | |
|---|---|---|---|
| 387590 | ZEA 109 | P3 | 10 |

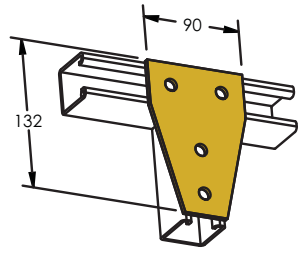





ZE = ZEA = mm

# ZEA 110

| | | P | |
|---|---|---|---|
| 387450 | ZEA 110 | P3 | 10 |

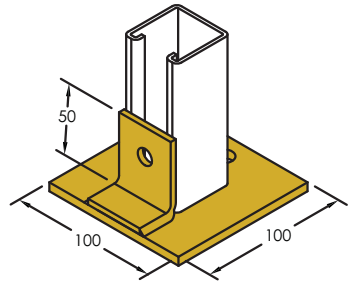


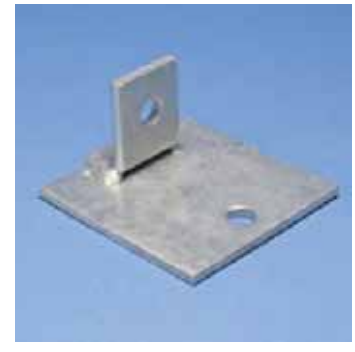



ZE = ZEA = mm

# ZGA 500

| | | P | |
|---|---|---|---|
| 388120 | ZGA 500 | P3 | 1 |

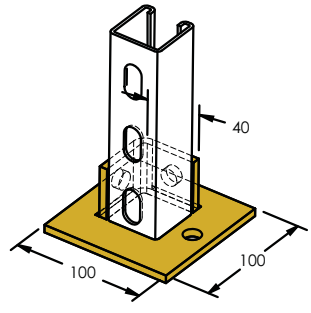


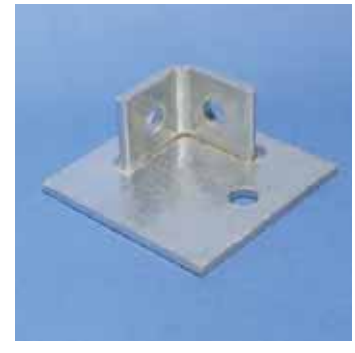



ZG = ZGA = mm

# ZGA 501

| | | P | |
|---|---|---|---|
| 388270 | ZGA 501 | P3 | 1 |

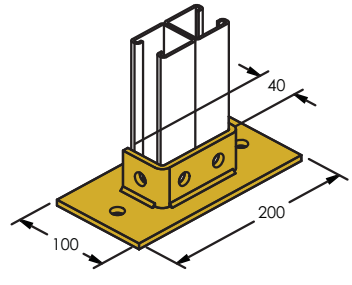


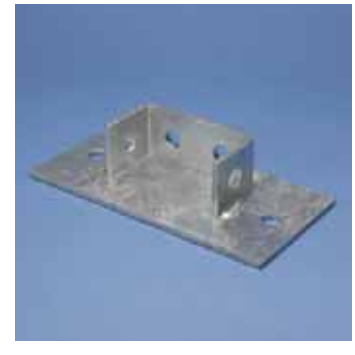



ZG = ZGA = mm

# ZGA 502

| | | | P | |
|---|---|---|---|---|
| 388360 | ZGA 502 | 82x41 | P3 | 1 |

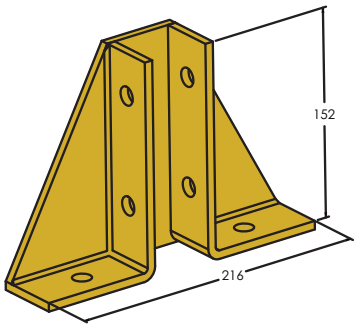


ZG = ZGA = mm

# ZGA 503 / ZGA 504

| | | | P | |
|---|---|---|---|---|
| 388370 | ZGA 503 | 41x41 | P3 | 1 |
| 388380 | ZGA 504 | 82x41 | P3 | 1 |

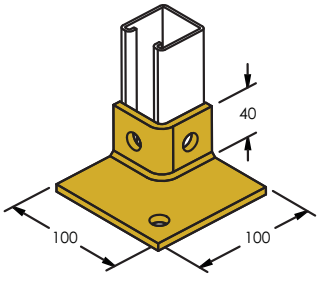





ZG = ZGA = mm

# ZGA 505

| | | P | |
|---|---|---|---|
| 313821 | ZGA 505 | P3 | 1 |

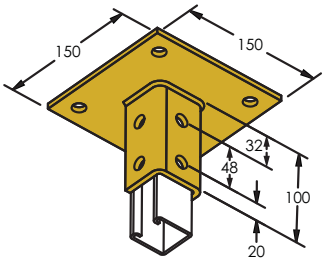





ZG = ZGA = mm

# ZGA 506

| | | P | |
|---|---|---|---|
| 313822 | ZGA 506 | P3 | 1 |

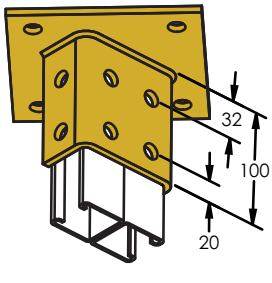


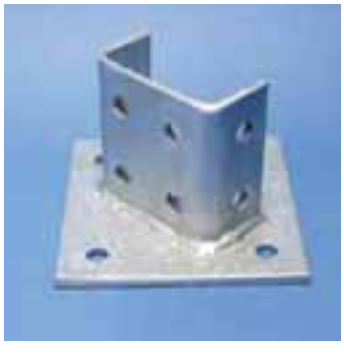



ZG = ZGA = mm

# ZGA 507

| | | P | |
|---|---|---|---|
| 313823 | ZGA 507 | P3 | 1 |

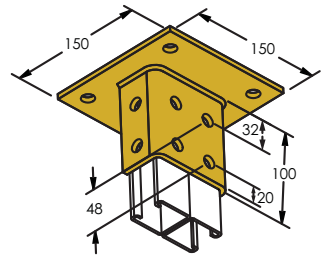


ZG = ZGA = mm

# ZGA 508

| | | P | |
|---|---|---|---|
| 313824 | ZGA 508 | P3 | 1 |

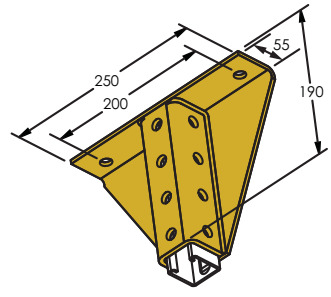





ZG = ZGA = mm

# ZGA 509

| | | P | |
|---|---|---|---|
| 313825 | ZGA 509 | P3 | 1 |

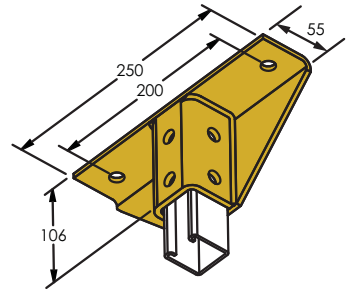





ZG = ZGA = mm

# ZGA 510

| | | P | |
|---|---|---|---|
| 313826 | ZGA 510 | P3 | 1 |

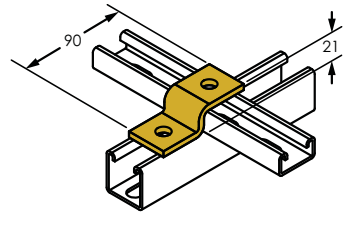





ZG = ZGA = mm

# ZSA 300

| | | |
|---|---|---|
| **P2** | | |
| 387731 | ZSA 300-2 | 1 |
| **P3** | | |
| 387730 | ZSA 300 | 10 |

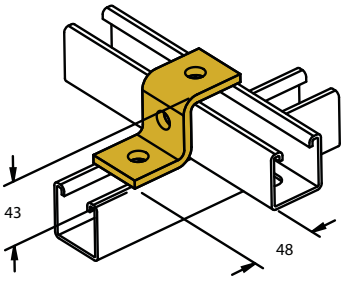





ZS = ZSA = mm

# ZSA 301

| | | |
|---|---|---|
| **P2** | | |
| 387742 | ZSA 301-2 | 1 |
| **P3** | | |
| 387740 | ZSA 301 | 10 |

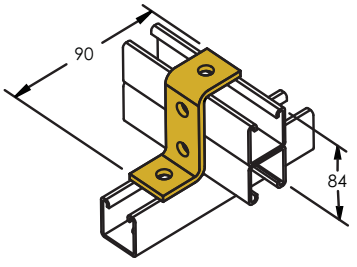





ZS = ZSA = mm

# ZSA 302

| | | | |
|---|---|---|---|
| 387960 | ZSA 302 | P3 | 10 |

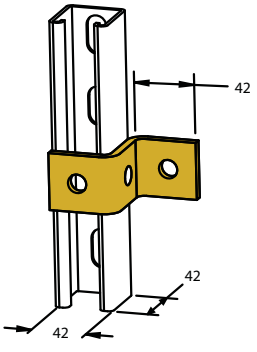





ZS = ZSA = mm

# ZSA 303

| | | | |
|---|---|---|---|
| 387970 | ZSA 303 | P3 | 10 |

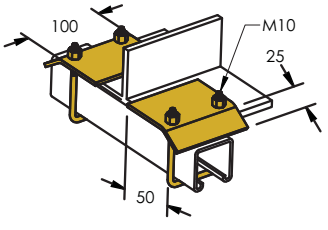





ZS = ZSA = mm

# ZTA 601 / ZTA 602

| | | |
|---|---|---|
| **P2** | | |
| 387710 | ZTA 601-2 | 1 |
| **P3** | | |
| 387700 | ZTA 601 21-41 | 10 |
| 388005 | ZTA 602 62-83 | 10 |



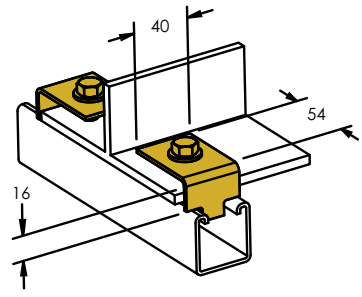



ZT = ZTA = mm

# ZT 605 / ZTA 605

| | | |
|---|---|---|
| **P2** | | |
| 314060 | ZT 605-2 | 1 |
| 387190 | ZTA 605-2 | 1 |
| **P3** | | |
| 313260 | ZT 605 | 10 |

**ZT =** **ZTA =** **mm**

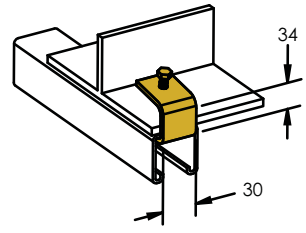





# ZT 606

| | | |
|---|---|---|
| **P2** | | |
| 313271 | ZT 606-2 | 1 |
| **P3** | | |
| 313270 | ZT 606-3 | 1 |

**ZT =** **ZTA =** **mm**

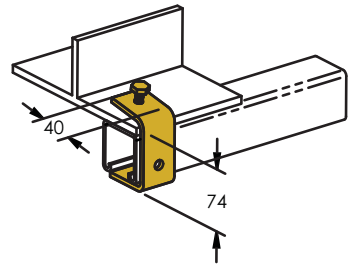





# ZT 607

| | | |
|---|---|---|
| **P2** | | |
| 313281 | ZT 607-2 | 1 |
| **P3** | | |
| 313280 | ZT 607 | 1 |

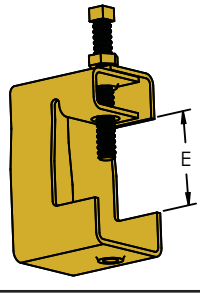
**ZT =** **ZTA =** **mm**

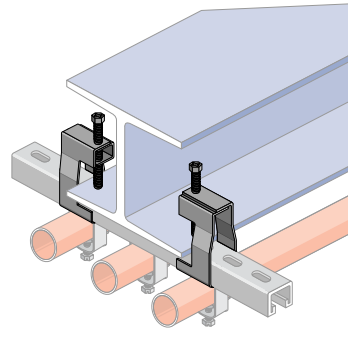





# STCB10M

| | | E (mm) | P | | |
|---|---|---|---|---|---|
| 181580 | STCB10M | ≤50 | P1 | 10 | 1350 N |

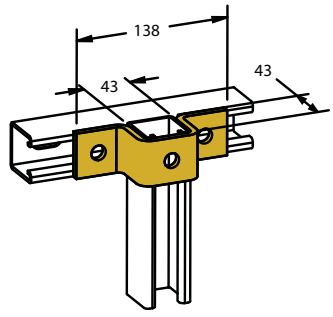




# ZU 400 / ZUA 400

| | | P | |
|---|---|---|---|
| 313120 | ZU 400 | P3 | 5 |
| 387750 | ZUA 400 | P3 | 5 |

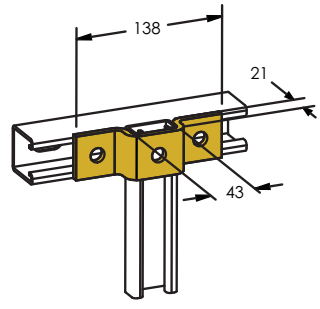





ZU = ZUA = mm

# ZUA 401

| | | P | |
|---|---|---|---|
| 387760 | ZUA 401 | P3 | 5 |

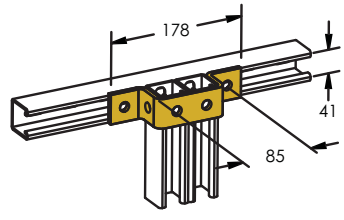





ZU = ZUA = mm

# ZUA 402

| | | P | |
|---|---|---|---|
| 387770 | ZUA 402 | P3 | 5 |

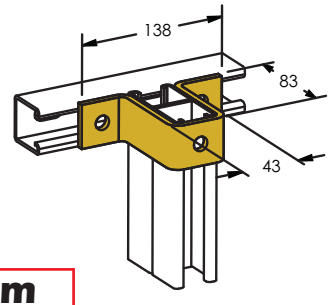





ZU = ZUA = mm

# ZUA 403

| | | P | |
|---|---|---|---|
| 387780 | ZUA 403 | P3 | 5 |

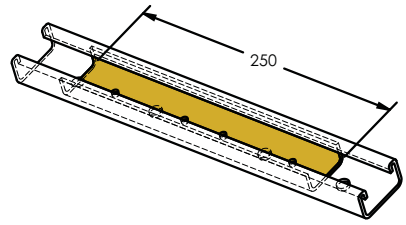





ZU = ZUA = mm

# ZUA 404 / ZUA 405

| | | | P | |
|---|---|---|---|---|
| 387790 | ZUA 404 | 21x41 | P3 | 5 |
| 387800 | ZUA 405 | 41x41 | P3 | 5 |

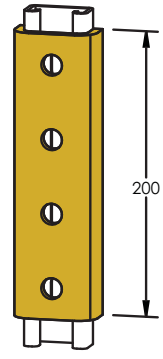





ZU = ZUA = mm

# ZUA 406 / ZUA 407

| | | | P | |
|---|---|---|---|---|
| 387810 | ZUA 406 | 21x41 | P3 | 5 |
| 387820 | ZUA 407 | 41x41 | P3 | 5 |

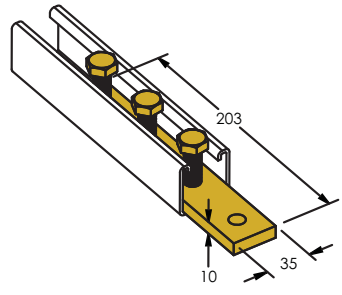





ZU = ZUA = mm

# ZUA 408

| | | P | |
|---|---|---|---|
| 387830 | ZUA 408 | P3 | 5 |

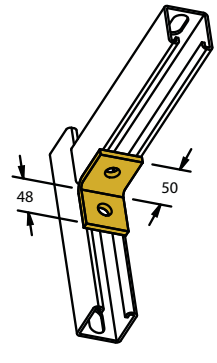





ZU = ZUA = mm

# ZW 200 / ZWA 200

| | | |
|---|---|---|
| **P2** | | |
| 388670 | ZWA 200-2 | 1 |
| **P3** | | |
| 313330 | ZW 200 | 10 |
| 387600 | ZWA 200 | 10 |

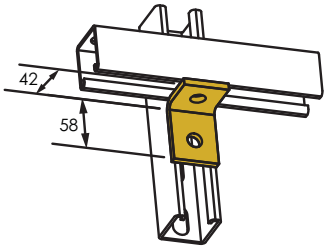


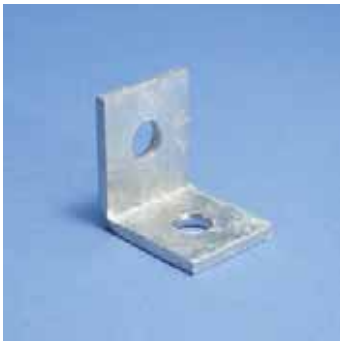



ZW = ZWA = mm

# ZW 201 / ZWA 201

| | | P | |
|---|---|---|---|
| 313340 | ZW 201 | P3 | 10 |
| 387610 | ZWA 201 | P3 | 10 |

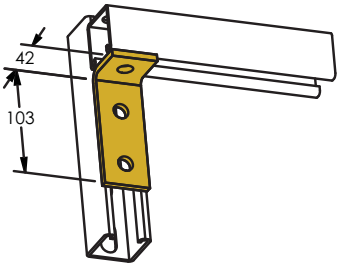


ZW = ZWA = mm

# ZW 202 / ZWA 202

| | | |
|---|---|---|
| **P2** | | |
| 387625 | ZWA 202-2 | 1 |
| **P3** | | |
| 313350 | ZW 202 | 10 |
| 387620 | ZWA 202 | 10 |

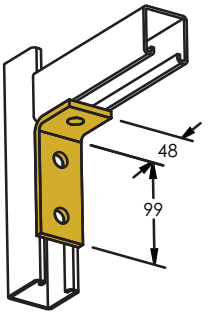





ZW = ZWA = mm

# ZWA 203

| | | P | |
|---|---|---|---|
| 387630 | ZWA 203 | P3 | 10 |

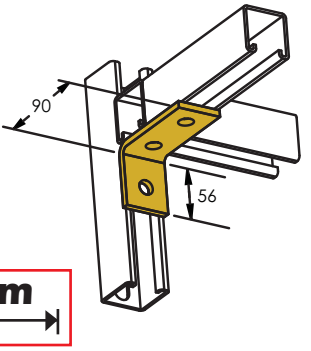


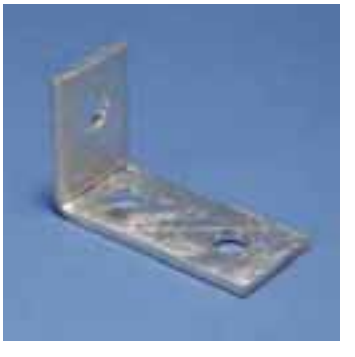



ZW = ZWA = mm

# ZWA 204

| | | P | |
|---|---|---|---|
| 387640 | ZWA 204 | P3 | 10 |

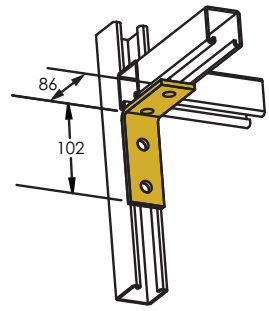


ZW = ZWA = mm

# ZW 205 / ZWA 205

| | | |
|---|---|---|
| **P2** | | |
| 388761 | ZWA 205-2 | 1 |
| **P3** | | |
| 313380 | ZW 205 | 10 |
| 387650 | ZWA 205 | 10 |

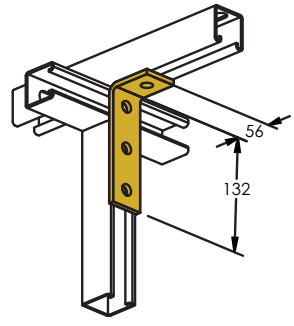


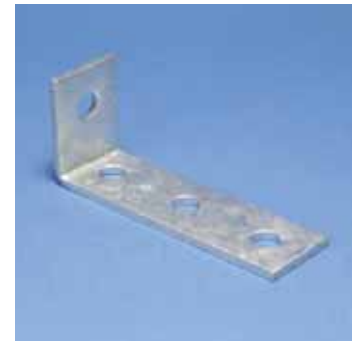



ZW = ZWA = mm

# ZWA 206

| | | | |
|---|---|---|---|
| 387660 | ZWA 206 | P3 | 10 |

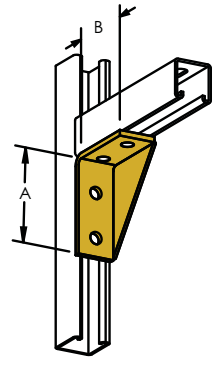


ZW = ZWA = mm

# ZWA 207 / ZWA 207L

| | | | |
|---|---|---|---|
| 313400 | ZW 207 | P3 | 1 |
| 387670 | ZWA 207 | P3 | 1 |
| 387675 | ZWA 207L | P3 | 1 |

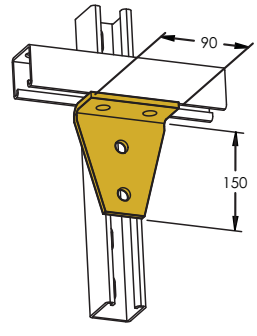





ZW = ZWA = mm

# ZWA 209

| | | | |
|---|---|---|---|
| 387690 | ZWA 209 | P3 | 1 |

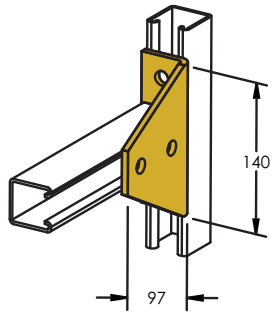





ZW = ZWA = mm

# ZWA 212

| | | P | |
|---|---|---|---|
| 387870 | ZWA 212 | P3 | 1 |

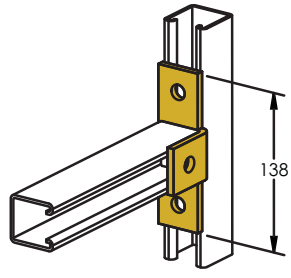





ZW = ZWA = mm

# ZWA 213

| | | P | |
|---|---|---|---|
| 387880 | ZWA 213 | P3 | 1 |

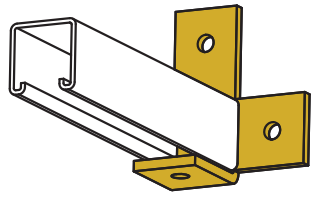





ZW = ZWA = mm

# ZWA 214

| | | P | |
|---|---|---|---|
| 387890 | ZWA 214 | P3 | 5 |

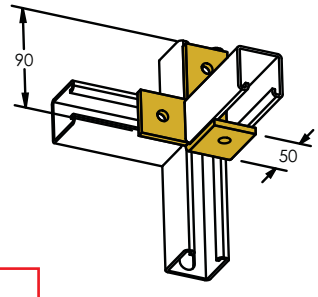




ZW = ZWA = mm

# ZWA 215

| | | P | |
|---|---|---|---|
| 387900 | ZWA 215 | P3 | 5 |

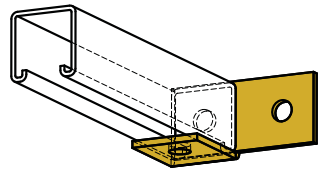





ZW = ZWA = mm

# ZWA 216

| | | P | |
|---|---|---|---|
| 387910 | ZWA 216 | P3 | 5 |

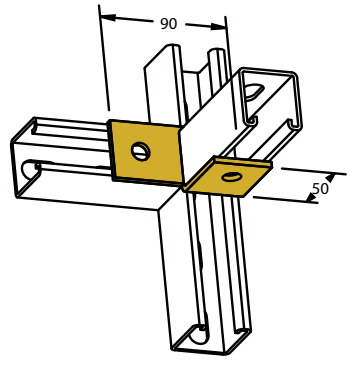




ZW = ZWA = mm

# ZWA 217

| | | P | |
|---|---|---|---|
| 387930 | ZWA 217 | P3 | 5 |

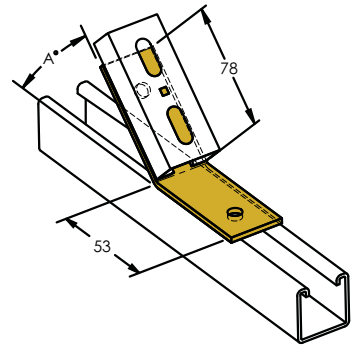





ZW = ZWA = mm

# ZW 218 / ZWA 218

| | | A° | P | |
|---|---|---|---|---|
| 313540 | ZW 218 | 30 ° | P3 | 5 |
| 387850 | ZWA 218 | 45 ° | P3 | 5 |

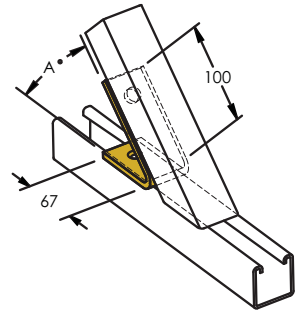





ZW = ZWA = mm

# ZW 219 / ZWA 219

| | | A° | P | |
|---|---|---|---|---|
| 313640 | ZW 219 | 45 ° | P3 | 5 |
| 313660 | ZW 219 | 60 ° | P3 | 5 |
| 387920 | ZWA 219 | 45 ° | P3 | 5 |

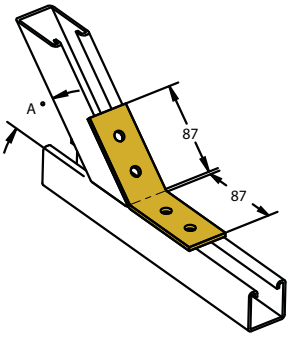





ZW = ZWA = mm

# ZW 220 / ZWA 220

| | | A° | P | |
|---|---|---|---|---|
| 313700 | ZW 220 | 45 ° | P3 | 5 |
| 387980 | ZWA 220 | 45 ° | P3 | 5 |

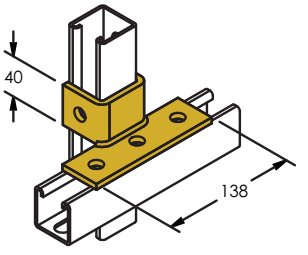





ZW = ZWA = mm

# ZZA 700

| | | P | |
|---|---|---|---|
| 388390 | ZZA 700 | P3 | 5 |

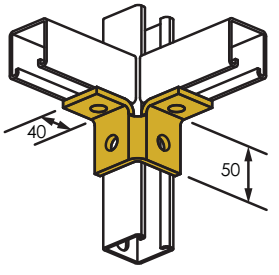


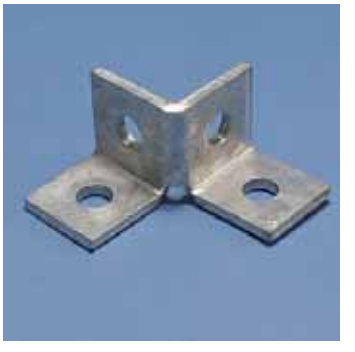



ZZ = ZZA = mm

# ZZA 701

| | | P | |
|---|---|---|---|
| 388400 | ZZA 701 | P3 | 5 |

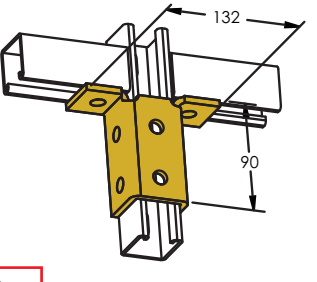


ZZ = ZZA = mm

# ZZ 702 / ZZA 702

| | | P | |
|---|---|---|---|
| 313850 | ZZ 702 | P3 | 1 |
| 387720 | ZZA 702 | P3 | 1 |

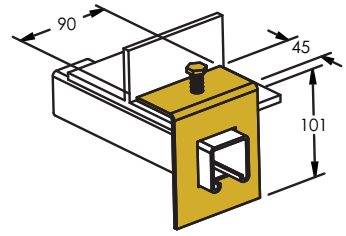





ZZ = ZZA = mm

# ZZ 704

| | | | P | |
|---|---|---|---|---|
| 313870 | ZZ 704 | 41 x 41 | P3 | 10 |



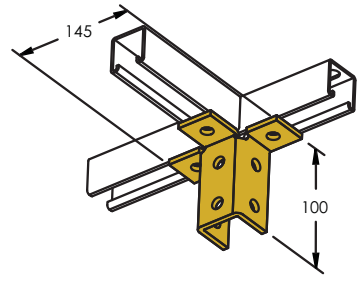


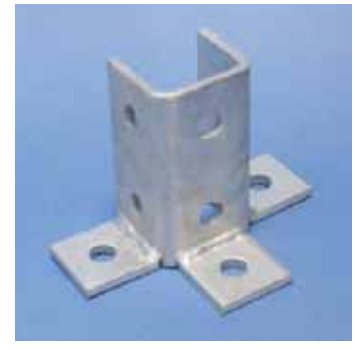

ZZ = ZZA =

mm

# ZZA 705

| | | P | |
|---|---|---|---|
| 388421 | ZZA 705 | P3 | 1 |



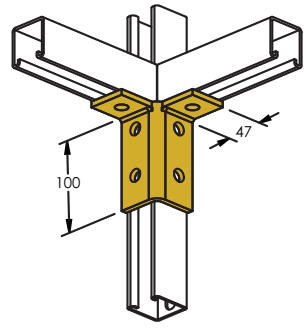



ZZ = ZZA =

mm

# ZZA 706

| | | P | |
|---|---|---|---|
| 388422 | ZZA 706 | P3 | 1 |

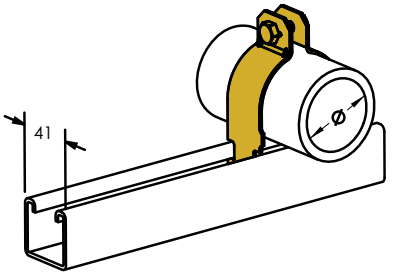





ZZ = ZZA =

mm

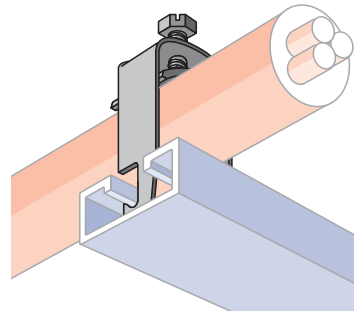
| | | Ø (mm) | |
|---|---|---|---|
| **P1** | | | |
| 598811 | OD 6-8 mm | 6-8 | 100 |
| 598812 | OD 8-11 mm | 8-11 | 100 |
| 598813 | OD 11-12 mm | 11-12 | 100 |
| 598814 | OD 15-17 mm | 15-17 | 100 |
| 598815 | OD 18-20 mm | 18-20 | 100 |
| 598816 | OD 21-23 mm | 21-23 | 100 |
| 598817 | OD 23-26 mm | 23-26 | 100 |
| 598818 | OD 26-29 mm | 26-29 | 100 |
| 598819 | OD 29-32 mm | 29-32 | 100 |
| 598822 | OD 32-36 mm | 32-36 | 50 |
| 598823 | OD 36-39 mm | 36-39 | 50 |
| 598824 | OD 39-42 mm | 39-42 | 50 |
| 598825 | OD 42-45 mm | 42-45 | 50 |
| 598826 | OD 46-50 mm | 46-50 | 50 |
| 598827 | OD 50-54 mm | 50-54 | 50 |
| 598828 | OD 52-56 mm | 52-56 | 50 |
| 598829 | OD 56-60 mm | 56-60 | 50 |
| 598831 | OD 60-63 mm | 60-63 | 50 |
| 598832 | OD 62-64 mm | 62-64 | 50 |
| 598833 | OD 64-67 mm | 64-67 | 50 |
| 598834 | OD 67-71 mm | 67-71 | 50 |
| 598835 | OD 71-74 mm | 71-74 | 25 |
| 598836 | OD 74-77 mm | 74-77 | 25 |
| 598837 | OD 77-80 mm | 77-80 | 25 |
| 598838 | OD 83-86 mm | 83-86 | 25 |
| 598839 | OD 86-90 mm | 86-90 | 25 |
| 598842 | OD 96-100 mm | 96-100 | 25 |
| 598843 | OD 100-103 mm | 100-103 | 25 |
| 598844 | OD 109-112 mm | 109-112 | 25 |
| 598845 | OD 112-115 mm | 112-115 | 25 |
| 598846 | OD 115-118 mm | 115-118 | 25 |
| 598847 | OD 125-128 mm | 125-128 | 25 |
| 598848 | OD 132-135 mm | 132-135 | 25 |
| 598849 | OD 135-138 mm | 135-138 | 25 |
| 598853 | OD 138-141 mm | 138-141 | 25 |
| 598854 | OD 148-151 mm | 148-151 | 25 |
| 598855 | OD 157-160 mm | 157-160 | 25 |
| 598856 | OD 160-164 mm | 160-164 | 25 |
| 598857 | OD 164-167 mm | 164-167 | 25 |
| 598858 | OD 167-170 mm | 167-170 | 25 |
| 598859 | OD 176-179 mm | 176-179 | 25 |
| 598862 | OD 179-182 mm | 179-182 | 25 |
| 598863 | OD 189-192 mm | 189-192 | 25 |
| 598864 | OD 196-200 mm | 196-200 | 25 |
| 598865 | OD 218-221 mm | 218-221 | 25 |
| **P3** | | | |
| 598806 | OD 21.3 mm | 21.3 | 50 |
| 598807 | OD 26.9 mm | 26.9 | 50 |
| 598808 | OD 33.7 mm | 33.7 | 50 |
| 598809 | OD 42.4 mm | 42.4 | 50 |
| 598866 | OD 48.3 mm | 48.3 | 50 |
| 598867 | OD 60.3 mm | 60.3 | 50 |
| 598868 | OD 76.1 mm | 76.1 | 50 |
| 598869 | OD 88.9 mm | 88.9 | 50 |
| 598875 | OD 113.3 mm | 113.3 | 50 |
| 598876 | OD 139.7 mm | 139.7 | 50 |
| 598877 | OD 165.1 mm | 165.1 | 50 |
| 598878 | OD 219 mm | 219.0 | 20 |
| 598983 | OD 273 mm | 273.0 | 20 |



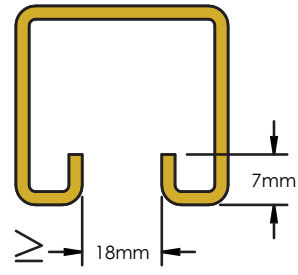


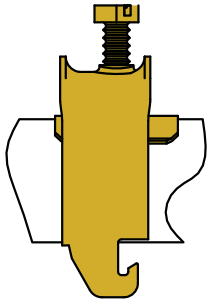

# C EC

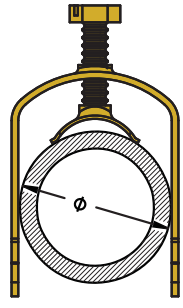
| | | Ø (mm) | P | |
|---|---|---|---|---|
| 337600 | C12EC | 6-12 | P3 | 100 |
| 337610 | C16EC | 12-16 | P3 | 100 |
| 337620 | C20EC | 16-20 | P3 | 100 |
| 337630 | C24EC | 20-24 | P3 | 100 |
| 337640 | C28EC | 24-28 | P3 | 100 |
| 337650 | C32EC | 28-32 | P3 | 100 |
| 337660 | C36EC | 32-36 | P3 | 100 |
| 337670 | C40EC | 36-40 | P3 | 100 |
| 337680 | C44EC | 40-44 | P3 | 100 |
| 337690 | C48EC | 44-48 | P3 | 100 |
| 337700 | C52EC | 48-52 | P3 | 50 |
| 337710 | C56EC | 52-56 | P3 | 50 |
| 337720 | C60EC | 56-60 | P3 | 50 |
| 337730 | C64EC | 60-64 | P3 | 50 |
| 337740 | C70EC | 64-70 | P3 | 50 |
| 337750 | C76EC | 70-76 | P3 | 25 |
| 337760 | C82EC | 76-82 | P3 | 25 |
| 337770 | C88EC | 82-88 | P3 | 25 |
| 337780 | C94EC | 88-94 | P3 | 25 |
| 337790 | C100EC | 94-100 | P3 | 25 |










# U-BOLT

| | | Ø 1 (mm) | M | DN | P | |
|---|---|---|---|---|---|---|
| 599100 | U-BOLT 13 mm | 13 | M6 | - | P1 | 100 |
| 599110 | U-BOLT 17 mm | 17 | M6 | 10 | P1 | 100 |
| 599120 | U-BOLT 21 mm | 21 | M6 | 15 | P1 | 100 |
| 599130 | U-BOLT 27 mm | 27 | M8 | 20 | P1 | 100 |
| 599140 | U-BOLT 34 mm | 34 | M8 | 25 | P1 | 100 |
| 599150 | U-BOLT 42 mm | 42 | M8 | 32 | P1 | 100 |
| 599160 | U-BOLT 49 mm | 49 | M8 | 40 | P1 | 100 |
| 599170 | U-BOLT 60 mm | 60 | M8 | 50 | P1 | 50 |
| 599180 | U-BOLT 76 mm | 76 | M8 | 65 | P1 | 50 |
| 599190 | U-BOLT 90 mm | 90 | M10 | 80 | P1 | 50 |
| 599200 | U-BOLT 114 mm | 114 | M10 | 100 | P1 | 25 |
| 599210 | U-BOLT 135 mm | 135 | M10 | - | P1 | 25 |
| 599220 | U-BOLT 140 mm | 140 | M12 | 125 | P1 | 25 |
| 599230 | U-BOLT 160 mm | 160 | M14 | - | P1 | 10 |
| 599240 | U-BOLT 168 mm | 168 | M14 | 150 | P1 | 10 |
| 599280 | U-BOLT 193MM | 193 | M16 | - | P1 | 10 |
| 599250 | U-BOLT 193 mm | 219 | M16 | 200 | P1 | 1 |
| 599260 | U-BOLT 273 mm | 273 | M15 | 250 | P1 | 1 |
| 599270 | U-BOLT 323 mm | 323 | M18 | 300 | P1 | 1 |



