

# PIPE CLAMPS **SPECIAL SERIES**

## CLAMP BODY STANDARD MATERIALS



**Polypropylene**  
Colour **Blue** .....  
Code **PP**

**OTHER COLOURS  
AVAILABLE ON DEMAND!**



**Polyamide**  
Colour **Black**  
Code **PA**



**Rubber Elastomer**  
Colour **Black**  
Code **GM**



**Self-extinguishing Polypropylene**  
Colour **White**  
Code **AU**

DIFFERENT DAMETERS AND MATERIALS AVAILABLE ON REQUEST.

Clamp body internal surface:  
**profiled**

For Material Characteristics, see Technical Appendix (page 143).

## COMPONENTS AND ACCESSORIES STANDARD MATERIALS

**Carbon Steel S 235 JR** with finishing surface in white zinc-coated  
Fe Zn c8 II.  
**Untreated** are available on request.

**Stainless Steel Inox 316L** (X2 CrNiMo 17-12-2) 1.4404  
marked with **X** identification code.

**Metric thread:** code **M**  
**UNC thread:** code **UNC**.

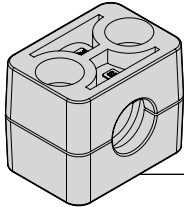
For Material Characteristics, see Technical Appendix (page 143).



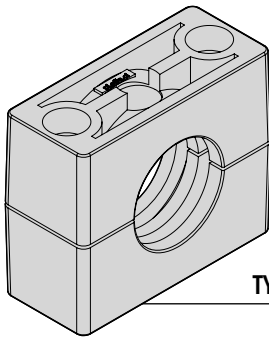


# S CLAMP BODY

TWO CLAMP HALVES



TYPE 2



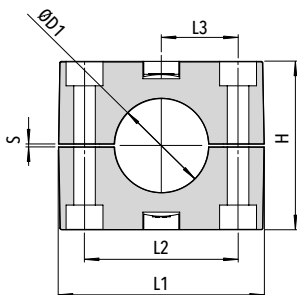
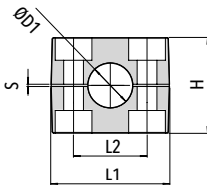
TYPE 3

| Code | O.D. ØD1 |                   | L1      | L2      | L3      | H       | S      | Width   |
|------|----------|-------------------|---------|---------|---------|---------|--------|---------|
|      | mm       | nominal bore pipe |         |         |         |         |        |         |
|      | 8        |                   |         |         |         |         |        |         |
|      | 10       | 1/8"              |         |         |         |         |        |         |
|      | 12       |                   |         |         |         |         |        |         |
| S2   | 14       |                   | 43      | 26      | ...     | 33      | 0,8    | 30      |
|      | 15       |                   | (1.69") | (1.02") |         | (1.30") | (.04") | (1.18") |
|      | 16       |                   |         |         |         |         |        |         |
|      | 17,2     | 3/8"              |         |         |         |         |        |         |
|      | 18       |                   |         |         |         |         |        |         |
|      | 20       |                   |         |         |         |         |        |         |
|      | 21,3     | 1/2"              |         |         |         |         |        |         |
|      | 22       |                   |         |         |         |         |        |         |
|      | 23       |                   |         |         |         |         |        |         |
|      | 25       |                   |         |         |         |         |        |         |
|      | 26,9     | 3/4"              |         |         |         |         |        |         |
| S3   | 28       |                   | 70      | 52      | 26      | 57      | 1      | 30      |
|      | 30       |                   | (2.75") | (2.05") | (1.02") | (2.24") | (.04") | (1.18") |
|      | 32       |                   |         |         |         |         |        |         |
|      | 33,7     | 1"                |         |         |         |         |        |         |
|      | 35       |                   |         |         |         |         |        |         |
|      | 38       |                   |         |         |         |         |        |         |
|      | 40       |                   |         |         |         |         |        |         |
|      | 42,4     | 1.1/4"            |         |         |         |         |        |         |

PIPE CLAMPS  
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Code S (Material PP - PA - GM - AU)



### ORDER CODE

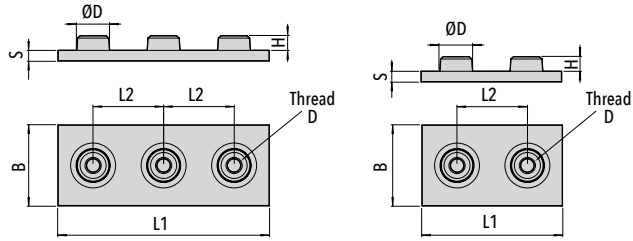
|                       |                             |          |
|-----------------------|-----------------------------|----------|
| CLAMP<br>BODY<br>CODE | OUTSIDE<br>DIAMETER<br>(mm) | MATERIAL |
|-----------------------|-----------------------------|----------|

### EXAMPLE

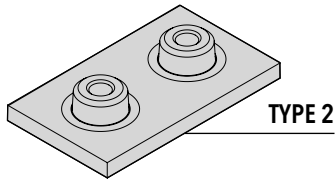
Clamp body type: 2  
Material: PP  
Outside diameter: 15 mm  
Order code: **S2 - 15 - PP**



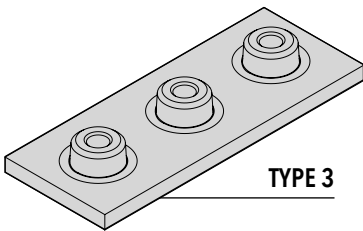
# PP SINGLE WELD PLATE



| Code | L1 | L2 | B | S | H | ØD | Thread D |
|------|----|----|---|---|---|----|----------|
|------|----|----|---|---|---|----|----------|



|                           |               |               |               |             |               |              |                    |
|---------------------------|---------------|---------------|---------------|-------------|---------------|--------------|--------------------|
| <b>PP2</b><br><b>XPP2</b> | 52<br>(2.05") | 26<br>(1.02") | 30<br>(1.18") | 4<br>(.16") | 5,5<br>(.22") | 12<br>(.47") | M6<br>(1/4-20 UNC) |
|---------------------------|---------------|---------------|---------------|-------------|---------------|--------------|--------------------|

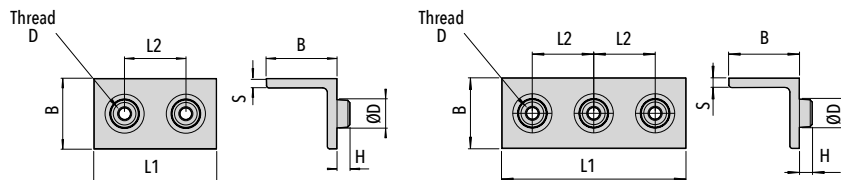


|                           |               |               |               |             |               |              |                    |
|---------------------------|---------------|---------------|---------------|-------------|---------------|--------------|--------------------|
| <b>PP3</b><br><b>XPP3</b> | 78<br>(3.07") | 26<br>(1.02") | 30<br>(1.18") | 4<br>(.16") | 5,5<br>(.22") | 12<br>(.47") | M6<br>(1/4-20 UNC) |
|---------------------------|---------------|---------------|---------------|-------------|---------------|--------------|--------------------|

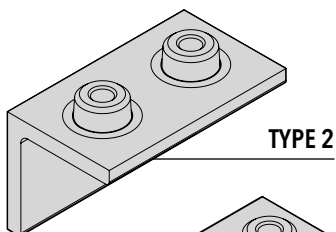
Code **PP** (Carbon Steel S 235 JR)  
Code **XPP** (Stainless Steel AISI 316L).

**PIPE CLAMPS  
SPECIAL SERIES**

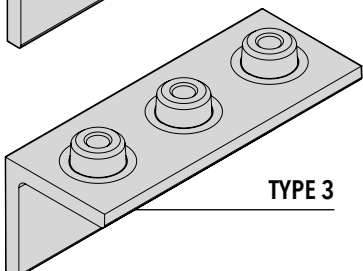
# PA ANGLED SINGLE WELD PLATE



| Code | L1 | L2 | B | S | H | ØD | Thread D |
|------|----|----|---|---|---|----|----------|
|------|----|----|---|---|---|----|----------|



|                           |               |               |               |             |               |              |                    |
|---------------------------|---------------|---------------|---------------|-------------|---------------|--------------|--------------------|
| <b>PA2</b><br><b>XPA2</b> | 52<br>(2.05") | 26<br>(1.02") | 30<br>(1.18") | 4<br>(.16") | 5,5<br>(.22") | 12<br>(.47") | M6<br>(1/4-20 UNC) |
|---------------------------|---------------|---------------|---------------|-------------|---------------|--------------|--------------------|

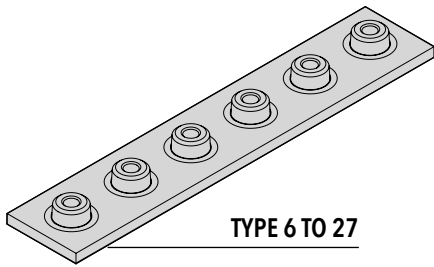
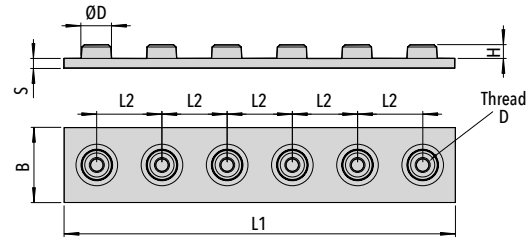


|                           |               |               |               |             |               |              |                    |
|---------------------------|---------------|---------------|---------------|-------------|---------------|--------------|--------------------|
| <b>PA3</b><br><b>XPA3</b> | 78<br>(3.07") | 26<br>(1.02") | 30<br>(1.18") | 4<br>(.16") | 5,5<br>(.22") | 12<br>(.47") | M6<br>(1/4-20 UNC) |
|---------------------------|---------------|---------------|---------------|-------------|---------------|--------------|--------------------|

Code **PA** (Carbon Steel S 235 JR)  
Code **XPA** (Stainless Steel AISI 316L).



# PPM MULTIPLE WELD PLATE



TYPE 6 TO 27

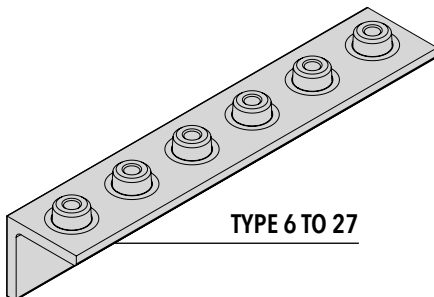
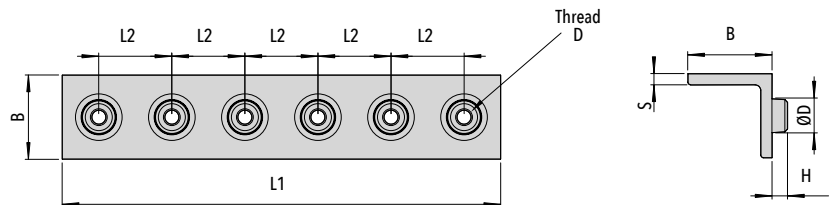
| Code            | L1              | L2            | B             | S           | H           | ØD           | Thread D           |
|-----------------|-----------------|---------------|---------------|-------------|-------------|--------------|--------------------|
| PPM5<br>XPPM5   | 130<br>(5.12")  | 26<br>(1.02") | 30<br>(1.18") | 4<br>(.16") | 6<br>(.23") | 12<br>(.47") | M6<br>(1/4-20 UNC) |
| PPM6<br>XPPM6   | 156<br>(6.14")  | 26<br>(1.02") | 30<br>(1.18") | 4<br>(.16") | 6<br>(.23") | 12<br>(.47") | M6<br>(1/4-20 UNC) |
| PPM7<br>XPPM7   | 182<br>(7.17")  | 26<br>(1.02") | 30<br>(1.18") | 4<br>(.16") | 6<br>(.23") | 12<br>(.47") | M6<br>(1/4-20 UNC) |
| PPM9<br>XPPM9   | 234<br>(9.21")  | 26<br>(1.02") | 30<br>(1.18") | 4<br>(.16") | 6<br>(.23") | 12<br>(.47") | M6<br>(1/4-20 UNC) |
| PPM12<br>XPPM12 | 312<br>(12.28") | 26<br>(1.02") | 30<br>(1.18") | 4<br>(.16") | 6<br>(.23") | 12<br>(.47") | M6<br>(1/4-20 UNC) |
| PPM15<br>XPPM15 | 390<br>(15.35") | 26<br>(1.02") | 30<br>(1.18") | 4<br>(.16") | 6<br>(.23") | 12<br>(.47") | M6<br>(1/4-20 UNC) |
| PPM20<br>XPPM20 | 520<br>(20.47") | 26<br>(1.02") | 30<br>(1.18") | 4<br>(.16") | 6<br>(.23") | 12<br>(.47") | M6<br>(1/4-20 UNC) |
| PPM27<br>XPPM27 | 702<br>(27.63") | 26<br>(1.02") | 30<br>(1.18") | 4<br>(.16") | 6<br>(.23") | 12<br>(.47") | M6<br>(1/4-20 UNC) |

Code PPM (Carbon Steel S 235 JR)  
Code XPPM (Stainless Steel AISI 316L).

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# PAM ANGLED MULTIPLE WELD PLATE



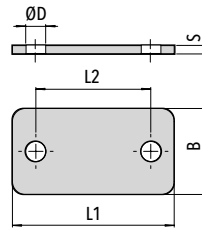
TYPE 6 TO 27

| Code            | L1              | L2            | B             | S           | H           | ØD           | Thread D           |
|-----------------|-----------------|---------------|---------------|-------------|-------------|--------------|--------------------|
| PAM5<br>XPAM5   | 130<br>(5.12")  | 26<br>(1.02") | 30<br>(1.18") | 4<br>(.16") | 6<br>(.23") | 12<br>(.47") | M6<br>(1/4-20 UNC) |
| PAM6<br>XPAM6   | 156<br>(6.14")  | 26<br>(1.02") | 30<br>(1.18") | 4<br>(.16") | 6<br>(.23") | 12<br>(.47") | M6<br>(1/4-20 UNC) |
| PAM7<br>XPAM7   | 182<br>(7.17")  | 26<br>(1.02") | 30<br>(1.18") | 4<br>(.16") | 6<br>(.23") | 12<br>(.47") | M6<br>(1/4-20 UNC) |
| PAM9<br>XPAM9   | 234<br>(9.21")  | 26<br>(1.02") | 30<br>(1.18") | 4<br>(.16") | 6<br>(.23") | 12<br>(.47") | M6<br>(1/4-20 UNC) |
| PAM12<br>XPAM12 | 312<br>(12.28") | 26<br>(1.02") | 30<br>(1.18") | 4<br>(.16") | 6<br>(.23") | 12<br>(.47") | M6<br>(1/4-20 UNC) |
| PAM15<br>XPAM15 | 390<br>(15.35") | 26<br>(1.02") | 30<br>(1.18") | 4<br>(.16") | 6<br>(.23") | 12<br>(.47") | M6<br>(1/4-20 UNC) |
| PAM20<br>XPAM20 | 520<br>(20.47") | 26<br>(1.02") | 30<br>(1.18") | 4<br>(.16") | 6<br>(.23") | 12<br>(.47") | M6<br>(1/4-20 UNC) |
| PAM27<br>XPAM27 | 702<br>(27.63") | 26<br>(1.02") | 30<br>(1.18") | 4<br>(.16") | 6<br>(.23") | 12<br>(.47") | M6<br>(1/4-20 UNC) |

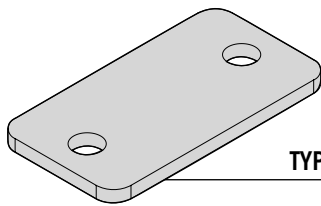
Code PAM (Carbon Steel S 235 JR)  
Code XPAM (Stainless Steel AISI 316L).



# PS UPPER PLATE



| Code | L1 | L2 | B | S | ØD |
|------|----|----|---|---|----|
|------|----|----|---|---|----|



TYPE 3,6

|                           |                 |               |               |             |             |
|---------------------------|-----------------|---------------|---------------|-------------|-------------|
| <b>PS3</b><br><b>XPS3</b> | 40,5<br>(1.59") | 26<br>(1.02") | 30<br>(1.18") | 3<br>(.12") | 7<br>(.28") |
|---------------------------|-----------------|---------------|---------------|-------------|-------------|

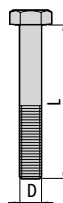
|                           |                 |               |               |             |             |
|---------------------------|-----------------|---------------|---------------|-------------|-------------|
| <b>PS6</b><br><b>XPS6</b> | 69,5<br>(2.74") | 52<br>(2.05") | 30<br>(1.18") | 3<br>(.12") | 7<br>(.28") |
|---------------------------|-----------------|---------------|---------------|-------------|-------------|

Code PS (Carbon Steel S 235 JR)  
Code XPS (Stainless Steel AISI 316L)

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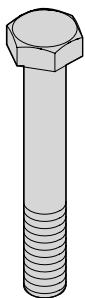
# VE HEXAGON HEAD BOLT

ISO 4014 / 4017  
FOR USE WITH UPPER PLATE PS



| Code | Thread<br>(D x L) |
|------|-------------------|
|------|-------------------|

|                           |                              |
|---------------------------|------------------------------|
| <b>VE3</b><br><b>XVE3</b> | M6x35<br>(1/4-20 UNCx1.3/8") |
|---------------------------|------------------------------|

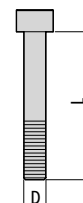


|                           |                              |
|---------------------------|------------------------------|
| <b>VE6</b><br><b>XVE6</b> | M6x60<br>(1/4-20 UNCx2.3/8") |
|---------------------------|------------------------------|

Code VE (Steel 8.8)  
Code XVE (Stainless Steel A4)

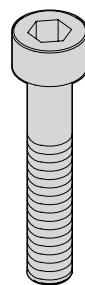
# TCEI SOCKET CAP SCREW

ISO 4762



| Code | Thread<br>(D x L) |
|------|-------------------|
|------|-------------------|

|                               |                          |
|-------------------------------|--------------------------|
| <b>TCEI3</b><br><b>XTCEI3</b> | M6x25<br>(1/4-20 UNCx1") |
|-------------------------------|--------------------------|



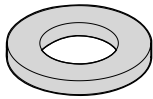
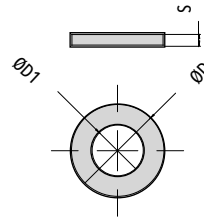
|                               |                          |
|-------------------------------|--------------------------|
| <b>TCEI6</b><br><b>XTCEI6</b> | M6x50<br>(1/4-20 UNCx2") |
|-------------------------------|--------------------------|

Code TCEI (Steel 8.8)  
Code XTCEI (Stainless Steel AISI 316L)



# RP FLAT WASHER

FOR USE WITH SCREW TCEI



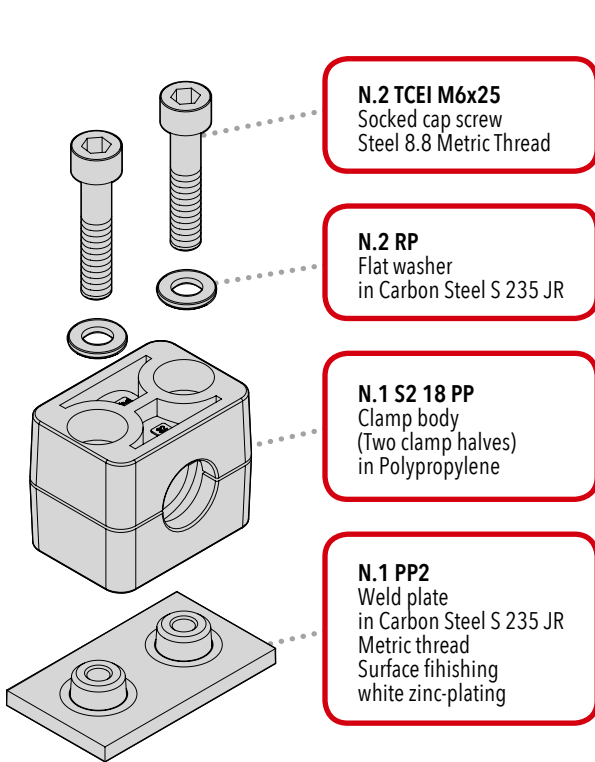
| Code      | ØD             | ØD1           | S             |
|-----------|----------------|---------------|---------------|
| RP<br>XRP | 11,5<br>(.45") | 6,3<br>(.25") | 0,8<br>(.03") |

**Code RP** (Carbon Steel S 235 JR)**Code XRP** (Stainless Steel AISI 316L)



**MOUNTING EXAMPLE 01**

Mounting Example of complete clamp S2 in Polypropylene for pipe with outside diameter of 18 mm, with single weld plate.



**N.2 TCEI M6x25**  
Socked cap screw  
Steel 8.8 Metric Thread

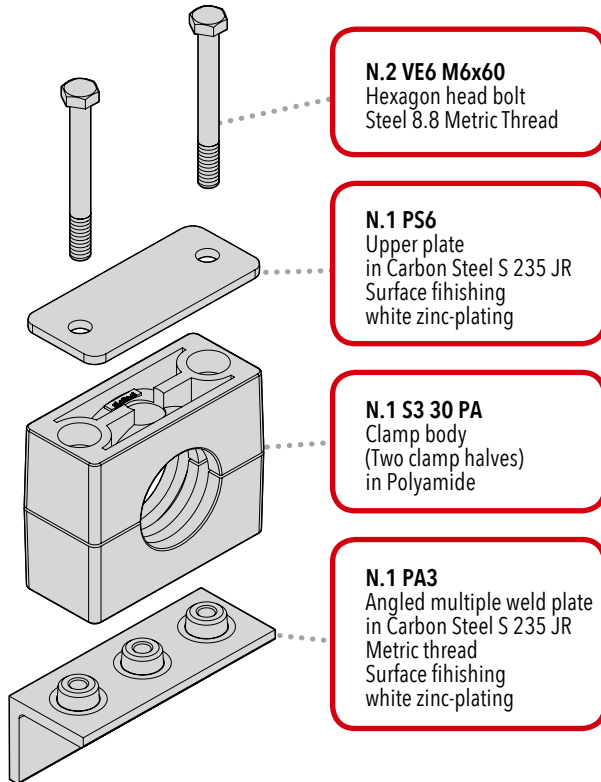
**N.2 RP**  
Flat washer  
in Carbon Steel S 235 JR

**N.1 S2 18 PP**  
Clamp body  
(Two clamp halves)  
in Polypropylene

**N.1 PP2**  
Weld plate  
in Carbon Steel S 235 JR  
Metric thread  
Surface finishing  
white zinc-plating

**MOUNTING EXAMPLE 02**

Mounting Example of complete clamp S3 in Polyamide for pipe with outside diameter of 30 mm, with angled single weld plate.

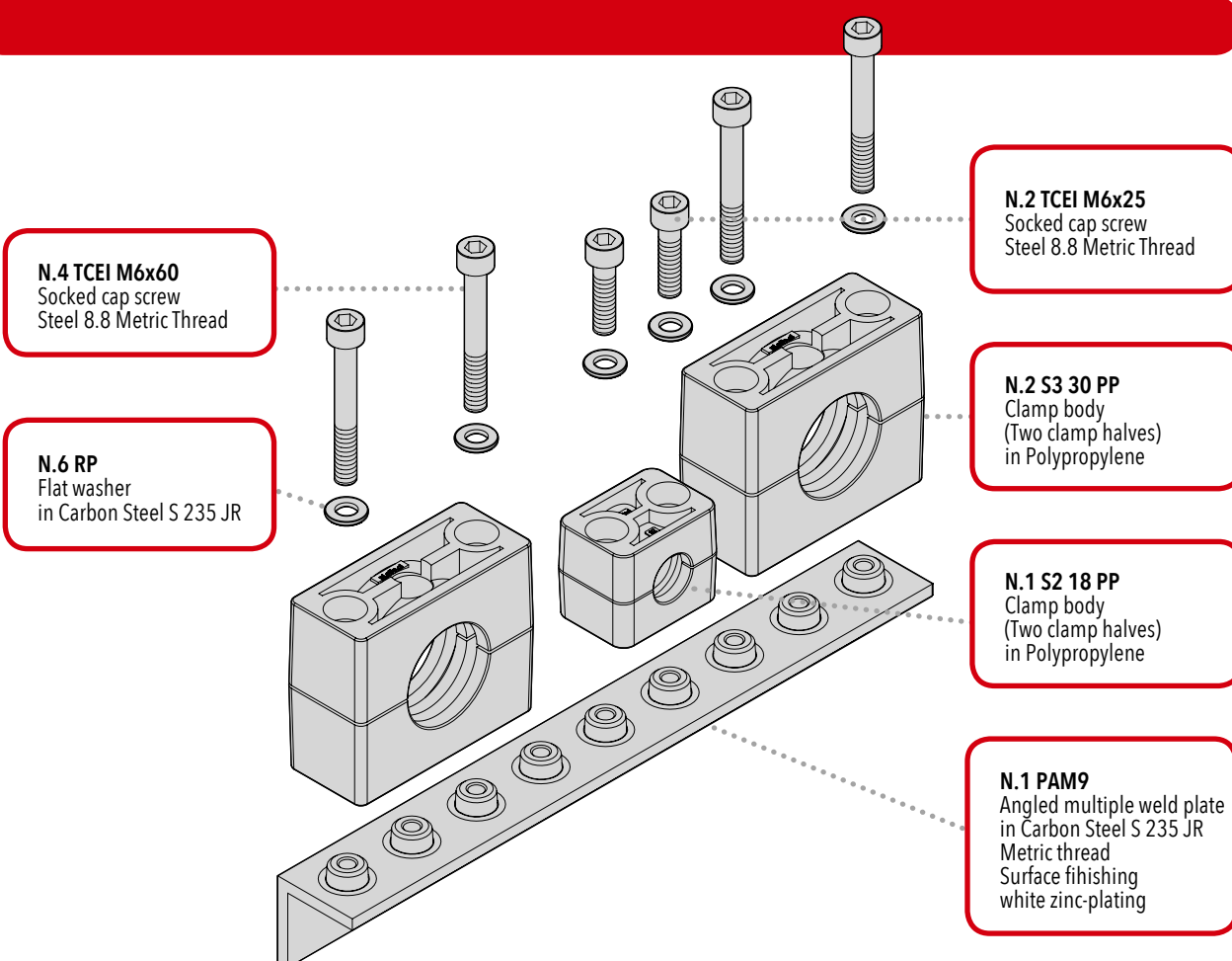


**N.2 VE6 M6x60**  
Hexagon head bolt  
Steel 8.8 Metric Thread

**N.1 PS6**  
Upper plate  
in Carbon Steel S 235 JR  
Surface finishing  
white zinc-plating

**N.1 S3 30 PA**  
Clamp body  
(Two clamp halves)  
in Polyamide

**N.1 PA3**  
Angled multiple weld plate  
in Carbon Steel S 235 JR  
Metric thread  
Surface finishing  
white zinc-plating



**N.4 TCEI M6x60**  
Socked cap screw  
Steel 8.8 Metric Thread

**N.6 RP**  
Flat washer  
in Carbon Steel S 235 JR

**N.2 TCEI M6x25**  
Socked cap screw  
Steel 8.8 Metric Thread

**N.2 S3 30 PP**  
Clamp body  
(Two clamp halves)  
in Polypropylene

**N.1 S2 18 PP**  
Clamp body  
(Two clamp halves)  
in Polypropylene

**N.1 PAM9**  
Angled multiple weld plate  
in Carbon Steel S 235 JR  
Metric thread  
Surface finishing  
white zinc-plating