# U Bolt RUB DIN 3570A HCP



## General Information

For pipeline systems in industrial and residential buildings and Sprinkler installations according to VdS and FM standards. For horizontal and vertical pipelines, the U-Bolts are applied as Fixed Points and as Guiding Supports.

## Installation

When used as Guided Support, nuts have to be arranged and fixed on both sides, at the top and at the bottom of the profile. Thereby the pipe should remain flexible. When used as Fixed Point the admissible loads of the connecting elements shouldn't exceed the bending loads of the U-bolt.

## Material Properties

| | |
|---|---|
| Halogen-free | 0 |
| UV-resistant | 0 |

## Material

| | |
|---|---|
| Primary element material | steel |
| Connecting element material | steel |
| Surface finish | HCP |
| Corrosion protection class | C4 |

## Types

| Type | DN | Thread connection | Weight | Quantity | Part number |
|---|---|---|---|---|---|
| RUB 26,9MM (DN 20_3/4'') DIN 3570A HCP | DN 20 (3/4") | M10 | 0.119 kg/ pcs. | 50 pcs. | 162179 |
| RUB 33,7MM (DN 25_1'') DIN 3570A HCP | DN 25 (1") | M10 | 0.127 kg/ pcs. | 50 pcs. | 162188 |
| RUB 42,4MM(DN 32_1 1/4'') DIN 3570A HCP | DN 32 (1 1/4") | M10 | 0.139 kg/ pcs. | 50 pcs. | 162197 |
| RUB 48,3MM (DN 40_1 1/2'')DIN 3570A HCP | DN 40 (1 1/2") | M10 | 0.149 kg/ pcs. | 50 pcs. | 162203 |
| RUB 60,3MM (DN 50_2'') DIN 3570A HCP | DN 50 (2") | M12 | 0.241 kg/ pcs. | 50 pcs. | 162212 |
| RUB 76,1MM(DN 65_2 1/2'') DIN 3570A HCP | DN 65 (2 1/2") | M12 | 0.276 kg/ pcs. | 50 pcs. | 162221 |
| RUB 88,9MM (DN 80_3'') DIN 3570A HCP | DN 80 (3") | M12 | 0.301 kg/ pcs. | 50 pcs. | 162230 |
| RUB 114,3MM (DN 100_4'') DIN 3570A HCP | DN 100 (4") | M16 | 0.730 kg/ pcs. | 25 pcs. | 162249 |
| RUB 139,7MM (DN 125_5'') DIN 3570A HCP | DN 125 (5") | M16 | 0.738 kg/ pcs. | 25 pcs. | 162258 |

# U Bolt RUB DIN 3570A HCP

| Type | DN | Thread connection | Weight | Quantity | Part number |
|---|---|---|---|---|---|
| RUB 168,3MM (DN 150_6'') DIN 3570A HCP | DN 150 (6'') | M16 | 0.800 kg/ pcs. | 10 pcs. | 162267 |
| RUB 193,7MM (DN 175_7'') DIN 3570A HCP | DN 175 (7'') | M16 | 0.900 kg/ pcs. | 10 pcs. | 162276 |
| RUB 219,1MM (DN 200_8'') DIN 3570A HCP | DN 200 (8'') | M20 | 1.663 kg/ pcs. | 10 pcs. | 162285 |
| RUB 273,0MM (DN 250_10'') DIN 3570A HCP | DN 250 (10'') | M20 | 2.175 kg/ pcs. | 10 pcs. | 162294 |
| RUB 323,9MM (DN 300_12'') DIN 3570A HCP | DN 300 (12'') | M20 | 2.150 kg/ pcs. | 1 pcs. | 162300 |
| RUB 355,6MM (DN 350_14'') DIN 3570A HCP | DN 350 (14'') | M24 | 3.527 kg/ pcs. | 1 pcs. | 162319 |
| RUB 406,4MM (DN 400_16'') DIN 3570A HCP | DN 400 (16'') | M24 | 3.900 kg/ pcs. | 1 pcs. | 162328 |
| RUB 508,0MM (DN 500_20'') DIN 3570A HCP | DN 500 (20'') | M24 | 4.630 kg/ pcs. | 1 pcs. | 162337 |

**Dimensions**

| Type | D | D1 | e | H | H2 | H3 | Ma | SW |
|---|---|---|---|---|---|---|---|---|
| RUB 26,9MM (DN 20_3/4'') DIN 3570A HCP | 30 mm | 30 mm | 40 mm | 70 mm | 40 mm | 60 mm | M10 | 17 mm |
| RUB 33,7MM (DN 25_1'') DIN 3570A HCP | 38 mm | 38 mm | 48 mm | 76 mm | 40 mm | 66 mm | M10 | 17 mm |
| RUB 42,4MM(DN 32_1 1/4'') DIN 3570A HCP | 46 mm | 46 mm | 56 mm | 86 mm | 50 mm | 76 mm | M10 | 17 mm |
| RUB 48,3MM (DN 40_1 1/2'')DIN 3570A HCP | 52 mm | 52 mm | 62 mm | 92 mm | 50 mm | 82 mm | M10 | 17 mm |
| RUB 60,3MM (DN 50_2'') DIN 3570A HCP | 64 mm | 64 mm | 76 mm | 109 mm | 50 mm | 97 mm | M12 | 19 mm |
| RUB 76,1MM(DN 65_2 1/2'') DIN 3570A HCP | 82 mm | 82 mm | 94 mm | 125 mm | 50 mm | 113 mm | M12 | 19 mm |
| RUB 88,9MM (DN 80_3'') DIN 3570A HCP | 94 mm | 94 mm | 106 mm | 138 mm | 50 mm | 126 mm | M12 | 19 mm |
| RUB 114,3MM (DN 100_4'') DIN 3570A HCP | 100 mm | 100 mm | 136 mm | 171 mm | 60 mm | 155 mm | M16 | |
| RUB 139,7MM (DN 125_5'') DIN 3570A HCP | 148 mm | 148 mm | 164 mm | 191 mm | 60 mm | 175 mm | M16 | |
| RUB 168,3MM (DN 150_6'') DIN 3570A HCP | 176 mm | 176 mm | 192 mm | 217 mm | 60 mm | 201 mm | M16 | |
| RUB 193,7MM (DN 175_7'') DIN 3570A HCP | 202 mm | 202 mm | 218 mm | 249 mm | 60 mm | 233 mm | M16 | |
| RUB 219,1MM (DN 200_8'') DIN 3570A HCP | 228 mm | 228 mm | 248 mm | 283 mm | 70 mm | 263 mm | M20 | 30 mm |

# U Bolt RUB DIN 3570A HCP

| Type | D | D1 | e | H | H2 | H3 | Ma | SW |
|---|---|---|---|---|---|---|---|---|
| RUB 273,0MM (DN 250_10'') DIN 3570A HCP | 282 mm | 282 mm | 302 mm | 334 mm | 70 mm | 314 mm | M20 | 30 mm |
| RUB 323,9MM (DN 300_12'') DIN 3570A HCP | 332 mm | 332 mm | 352 mm | 385 mm | 70 mm | 365 mm | M20 | 30 mm |
| RUB 355,6MM (DN 350_14'') DIN 3570A HCP | 378 mm | 378 mm | 402 mm | 435 mm | 70 mm | 411 mm | M24 | |
| RUB 406,4MM (DN 400_16'') DIN 3570A HCP | 428 mm | 428 mm | 452 mm | 487 mm | 70 mm | 463 mm | M24 | |
| RUB 508,0MM (DN 500_20'') DIN 3570A HCP | 530 mm | 530 mm | 554 mm | 589 mm | 70 mm | 565 mm | M24 | |

## Certification