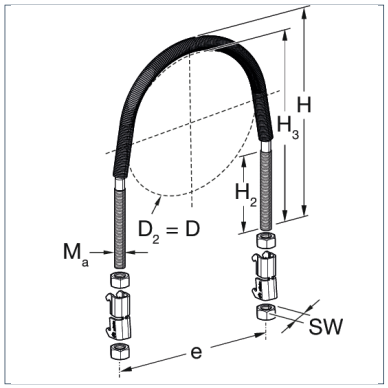
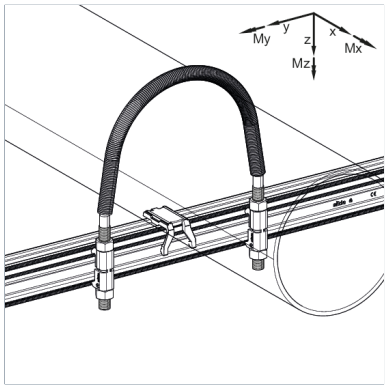
U Bolt RUB 46 HCP







General Information

U Bolt RUB 46 for fastening pipes in utility systems to the Profile PRO 46. U Bolts are used as a fixed point or as a guide for horizontal and vertical pipes.

Installation

When used as a guide bearing, nuts arranged on both sides at the top and bottom of the round steel bracket must be tightened. The pipe should remain freely movable.
When used as a fixed point, first tighten the lower nuts until the pipe is clamped. Then tighten the upper nuts. For fixed points, the permissible forces of the structural connection and the bending loads of the U Bolt must not be exceeded.

Material Properties

Halogen-free	1
UV-resistant	1

Material

Primary element material	steel
Isolating element material	PA 6.0
Surface finish	HCP
Corrosion protection class	C4

Forces

Type	-V{X,perm.}	V{X,perm.}	-V{Y,perm.}	V{Y,perm.}	-V{Z,perm.}	V{Z,perm.}
RUB 46 21,3MM (1/2'') HCP	1.07 kN	1.07 kN	1.04 kN	1.04 kN	5.42 kN	5.42 kN
RUB 46 26,9MM (3/4'') HCP	1.07 kN	1.07 kN	1.04 kN	1.04 kN	5.42 kN	5.42 kN
RUB 46 33,7MM (1'') HCP	1.07 kN	1.07 kN	1.04 kN	1.04 kN	5.42 kN	5.42 kN
RUB 46 42,4MM (1 1/4'') HCP	1.07 kN	1.07 kN	1.04 kN	1.04 kN	5.42 kN	5.42 kN
RUB 46 48,3MM (1 1/2'') HCP	1.07 kN	1.07 kN	1.04 kN	1.04 kN	5.42 kN	5.42 kN
RUB 46 60,3MM (2'') HCP	1.07 kN	1.07 kN	1.04 kN	1.04 kN	5.42 kN	5.42 kN
RUB 46 76,1MM (2 1/2'') HCP	1.07 kN	1.07 kN	1.04 kN	1.04 kN	5.42 kN	5.42 kN
RUB 46 88,9MM (3'') HCP	1.07 kN	1.07 kN	1.04 kN	1.04 kN	5.42 kN	5.42 kN
RUB 46 108MM HCP	1.07 kN	1.07 kN	1.04 kN	1.04 kN	5.42 kN	5.42 kN
RUB 46 114MM (4'') HCP	1.07 kN	1.07 kN	1.04 kN	1.04 kN	5.42 kN	5.42 kN
RUB 46 133MM HCP	1.07 kN	1.07 kN	1.04 kN	1.04 kN	5.42 kN	5.42 kN
RUB 46 139MM (5'') HCP	1.07 kN	1.07 kN	1.04 kN	1.04 kN	5.42 kN	5.42 kN
RUB 46 159MM HCP	1.07 kN	1.07 kN	1.04 kN	1.04 kN	5.42 kN	5.42 kN
RUB 46 168MM (6'') HCP	1.07 kN	1.07 kN	1.04 kN	1.04 kN	5.42 kN	5.42 kN

Type	-V{X,perm.}	V{X,perm.}	-V{Y,perm.}	V{Y,perm.}	-V{Z,perm.}	V{Z,perm.}
RUB 46 219MM (8'') HCP	1.07 kN	1.07 kN	1.04 kN	1.04 kN	5.42 kN	5.42 kN

Types

Type	Thread connection	Weight	Quantity	Part number
RUB 46 21,3MM (1/2'') HCP	M8	0.140 kg/Set	50 Set	805053
RUB 46 26,9MM (3/4'') HCP	M8	0.150 kg/Set	50 Set	805054
RUB 46 33,7MM (1'') HCP	M8	0.150 kg/Set	50 Set	805055
RUB 46 42,4MM (1 1/4'') HCP	M8	0.160 kg/Set	50 Set	805056
RUB 46 48,3MM (1 1/2'') HCP	M8	0.160 kg/Set	50 Set	805057
RUB 46 60,3MM (2'') HCP	M10	0.270 kg/Set	50 Set	805058
RUB 46 76,1MM (2 1/2'') HCP	M10	0.290 kg/Set	50 Set	805059
RUB 46 88,9MM (3'') HCP	M10	0.310 kg/Set	50 Set	805060
RUB 46 108MM HCP	M12	0.470 kg/Set	25 Set	805061
RUB 46 114MM (4'') HCP	M12	0.480 kg/Set	25 Set	805062
RUB 46 133MM HCP	M12	0.530 kg/Set	25 Set	805063
RUB 46 139MM (5'') HCP	M12	0.530 kg/Set	25 Set	805064
RUB 46 159MM HCP	M12	0.570 kg/Set	10 Set	805065
RUB 46 168MM (6'') HCP	M12	0.590 kg/Set	10 Set	805066
RUB 46 219MM (8'') HCP	M12	0.680 kg/Set	10 Set	805067

Dimensions

Type	D	D2	e	H	H2	H3	Ma	SW
RUB 46 21,3MM (1/2'') HCP	19.8 mm	19.8 mm	40 mm	96.2 mm	71 mm	84.8 mm	M8	13 mm
RUB 46 26,9MM (3/4'') HCP	24.8 mm	24.8 mm	45 mm	101.2 mm	73 mm	89.8 mm	M8	13 mm
RUB 46 33,7MM (1'') HCP	31.8 mm	31.8 mm	52 mm	108.2 mm	77 mm	96.8 mm	M8	13 mm
RUB 46 42,4MM (1 1/4'') HCP	39.8 mm	39.8 mm	60 mm	116.2 mm	80 mm	104.8 mm	M8	13 mm
RUB 46 48,3MM (1 1/2'') HCP	47.8 mm	47.8 mm	68 mm	124.2 mm	80 mm	112.8 mm	M8	13 mm
RUB 46 60,3MM (2'') HCP	57.95 mm	57.95 mm	84 mm	140.45 mm	90 mm	127.45 mm	M10	17 mm
RUB 46 76,1MM (2 1/2'') HCP	73.95 mm	73.95 mm	100 mm	156.45 mm	90 mm	143.45 mm	M10	17 mm
RUB 46 88,9MM (3'') HCP	87.95 mm	87.95 mm	114 mm	170.45 mm	90 mm	157.45 mm	M10	17 mm

U Bolt RUB 46 HCP

Type	D	D2	e	H	H2	H3	Ma	SW
RUB 46 108MM HCP	105.5 mm	105.5 mm	136 mm	193.2 mm	95 mm	177.5 mm	M12	19 mm
RUB 46 114MM (4'') HCP	111.5 mm	111.5 mm	142 mm	199.2 mm	95 mm	183.5 mm	M12	19 mm
RUB 46 133MM HCP	130.5 mm	130.5 mm	161 mm	218.2 mm	95 mm	202.5 mm	M12	19 mm
RUB 46 139MM (5'') HCP	137.5 mm	137.5 mm	168 mm	225.2 mm	95 mm	209.5 mm	M12	19 mm
RUB 46 159MM HCP	156.5 mm	156.5 mm	187 mm	244.2 mm	95 mm	228.5 mm	M12	19 mm
RUB 46 168MM (6'') HCP	167.5 mm	167.5 mm	198 mm	255.2 mm	95 mm	239.5 mm	M12	19 mm
RUB 46 219MM (8'') HCP	216.5 mm	216.5 mm	247 mm	304.2 mm	95 mm	288.5 mm	M12	19 mm

Certification