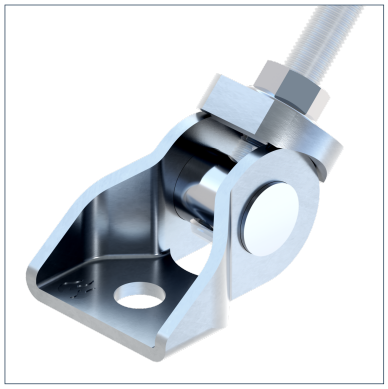
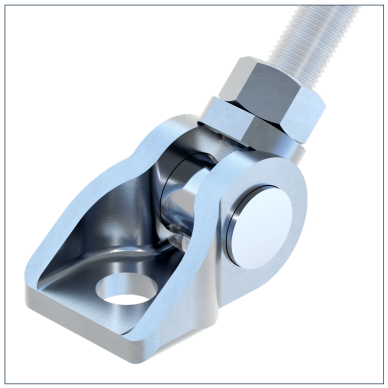
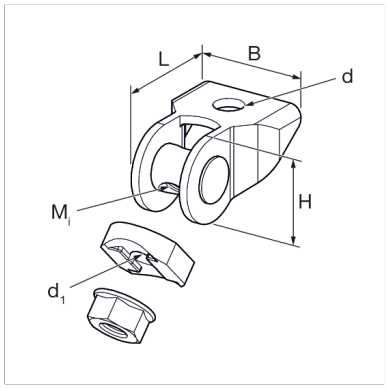
Universal Joint UG A4







General Information

Universal connection for attachment to non-horizontal components, allowing infinitely variable angle adjustment. May be fixed directly to the building surfaces, Beam Clamps, channels, etc. Typical uses would include easy on-site manufacture of various tie rod assemblies to support brackets, or reinforcement struts for sliding and fixed point applications: Infinitely variable angle adjustment. Length and height adjustment via rotation of the grub screw in the threaded pivot head. Pivot head caulked, prevents from falling out.

Installation

Screw the grub screw completely into the pivot head (visual control).
Fix the adjusted angle by tightening the supplied nut against the washer.

Material Properties

Halogen-free	0
UV-resistant	0

Material

Primary element material	Stainless Steel A4
Corrosion protection class	CRC II – III (C4 – C5 acc. to DIN EN ISO 12944-2)

Forces

Type	-V{Z,perm.}
UG M 8 A4	5.80 kN
UG M10 A4	8.00 kN
UG M12 A4	13.00 kN
UG M16 A4	13.00 kN

Types

Type	Weight	Quantity	Part number
UG M 8 A4	0.090 kg/pcs.	50 pcs.	171686
UG M10 A4	0.090 kg/pcs.	50 pcs.	171695
UG M12 A4	0.391 kg/pcs.	25 pcs.	171704
UG M16 A4	0.381 kg/pcs.	25 pcs.	171713

Dimensions

Type	B	d	d1	H	L1	Mi
UG M 8 A4	40 mm	10.5 mm	10.5 mm	30 mm	25.5 mm	M8
UG M10 A4	40 mm	10.5 mm		30 mm	25.5 mm	M10
UG M12 A4	50 mm	17 mm		40 mm	33 mm	M12
UG M16 A4	50 mm	17 mm		40 mm	33 mm	M16

Certification