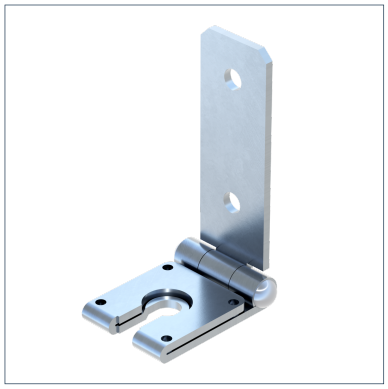
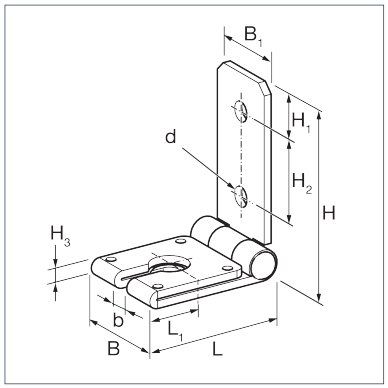
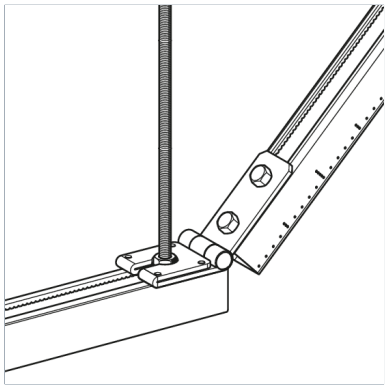
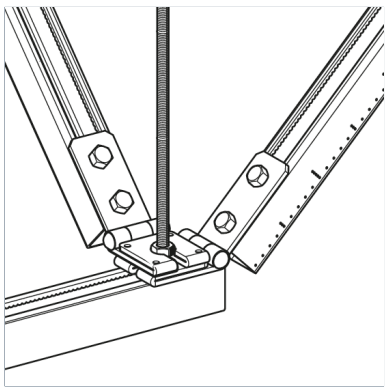
Pivot Joint JOI 41 R









General Information

The Joint JOI R is used for bracing of channel installations which are of central importance to seismic support of services. Due to its keyhole shaped design the joint can be retrofitted. For installing directly to Channel 41 the four pins and two fixing points guarantee a reliable rotation lock. Brackets can be stacked for bracing longitudinally and transversely. The rotation lock for the installation to an existing structure depends on the already used components. In case of the application of a Block PB 41 a rotation lock is given. In case of the application of a Holding Bracket or a Washer a rotation lock is only partly given.

Installation

Type	suitable for
20	Hexagon nut M10 and 3/8"-UNC
23	Flange nut M10, hexagon nut M12 and 1/2"-UNC

Tightening torque: 50 Nm

Material Properties

Halogen-free	0
UV-resistant	0

Material

Primary element material	steel
Surface finish	electro galvanized (Fe//Zn)
Corrosion protection class	C2

Forces

Type	-V{Z,perm.}
JOI 41 R TYP 20	2.00 kN
JOI 41 R TYP 23	2.00 kN

Note on loadings

The permissible maximum torsional moment of the channel (44.5 Nm) has to be respected.

Types

Type	Weight	Quantity	Part number
JOI 41 R TYP 20	0.328 kg/pcs.	50 pcs.	116576
JOI 41 R TYP 23	0.328 kg/pcs.	50 pcs.	116809

Pivot Joint JOI 41 R

Dimensions

Type	B	B1	b	d	H1	H2	H3	L	L1
JOI 41 R TYP 20	50 mm	40 mm	10.5 mm	10.5 mm	20 mm	62.5 mm	9 mm	74 mm	29 mm
JOI 41 R TYP 23	50 mm	40 mm	13 mm	10.5 mm	20 mm	62.5 mm	9 mm	74 mm	29 mm

Certification