

Tube clamp connectors



Tube clamp connectors are clamping components made of **aluminum** or **Stainless Steel** which offer the facility for simply and rapidly constructing jigs, fixtures and operating systems using standard round and square section tubings.

The vast range of clamp connectors in split monoblock or multi-part form offer almost unlimited possibilities.

Split monoblock clamp connectors give very robust and sturdy tubular constructions. For this purpose only precision tubings DIN 2391, with an outside diameter which lies within relatively tight tolerances, should be used. (Construction tubes GN 990 see page 1902).

Multi-part clamp connectors (consisting of two or more separate parts) are not tied to tight tolerances as they can be used with square tubes (Construction tubes GN 990 see page 1902) thus allowing incorporation into already existing systems.

As clamping screws there is a choice of either cap head screws to DIN 912 or adjustable clamping kits GN 911 if repeated removal and re-installation is required. As for nuts, hexagon nuts DIN 985 (ISO 10511) which are self-locking with polyamide ring are recommended.

The clamping points are provided on **both sides** with sockets, cast in the component, which give a free choice for positioning hexagon nuts and clamping connectors.

Within the tube clamp connectors range there are numerous clamping components available...

The tube clamp connector program offers a wide range of components that can be used in connection with **linear actuators** (tubes with adjustable spindle) see page 1910 and following pages.

Two-way connector clamps
(see page 1812)

Flanged two-way connector clamps
(see page 1820)

Flanged connector clamps
(see page 1821)

Base plate connector clamps
(see page 1827)

Flanged base plate connector clamps
(see page 1832)

T-Angle connector clamps
(see page 1834)

Tube connectors
(see page 1843)


























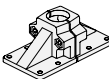
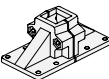







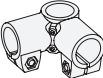

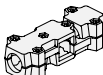


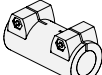
















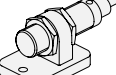
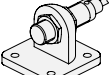

Swivel clamp connectors
(see page 1847)

Swivel clamp connector joints
(see page 1859)

Sensor holders
(see page 1872)

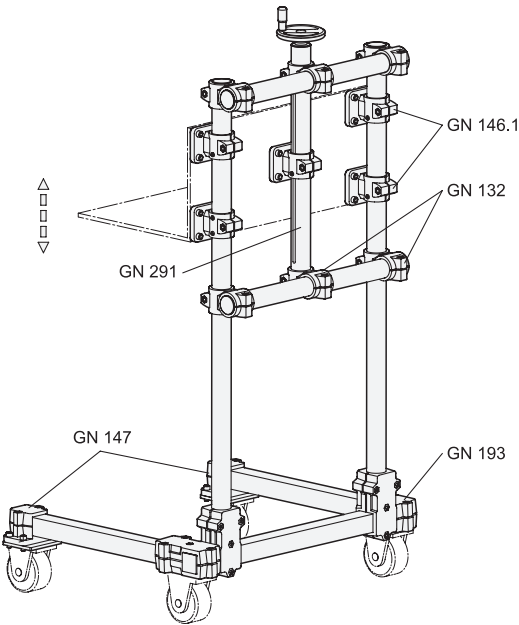
Tube clamp connectors

Design shapes

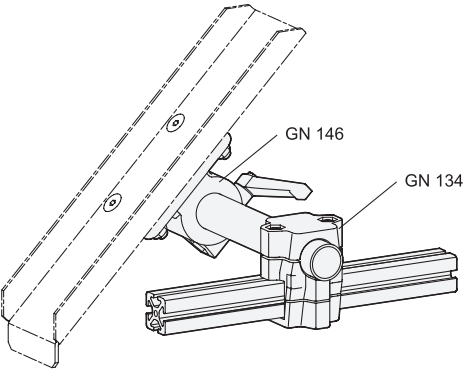
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 GN 141		 GN 141		 GN 141		 GN 141	
 GN 145	 GN 146.3	 GN 146	 GN 146.6	 GN 146.5	 GN 147	 GN 147	
 GN 162	 GN 162.3	 GN 163	 GN 163.5	 GN 165	 GN 165		
 GN 166	 GN 166	 GN 167	 GN 167				
 GN 191	 GN 192	 GN 192.5	 GN 193	 GN 193	 GN 194	 GN 194	 GN 196
 GN 195	 GN 195	 GN 241	 GN 241	 GN 242			
 GN 271	 GN 272	 GN 273	 GN 274	 GN 275	 GN 276	 GN 277	 GN 278
 GN 281	 GN 282	 GN 283	 GN 284	 GN 285	 GN 286	 GN 287	 GN 288
 GN 271.4		 GN 272.4		 GN 273.4			

Tube clamp connectors

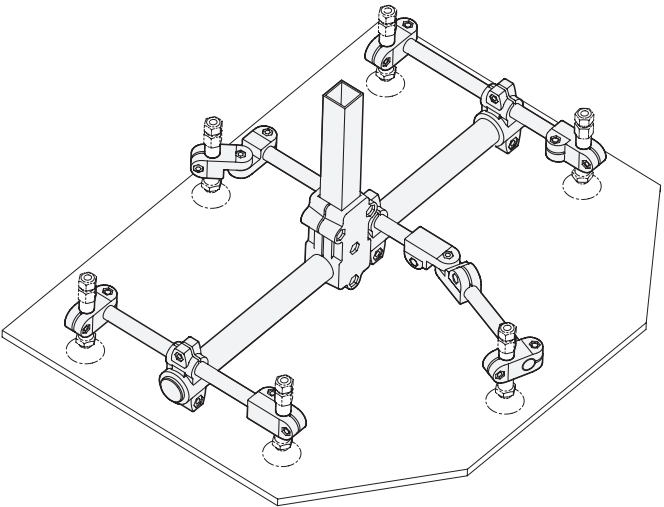
Installation examples



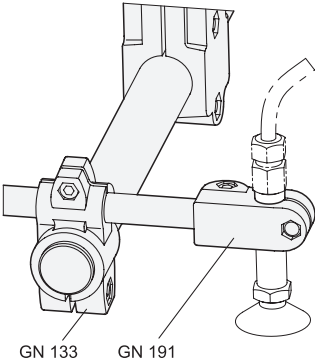
Mobile lifting table



Workpiece chute
Transfer to aluminum profile system



Vacuum gripper



Tube clamp connectors

Installation examples

