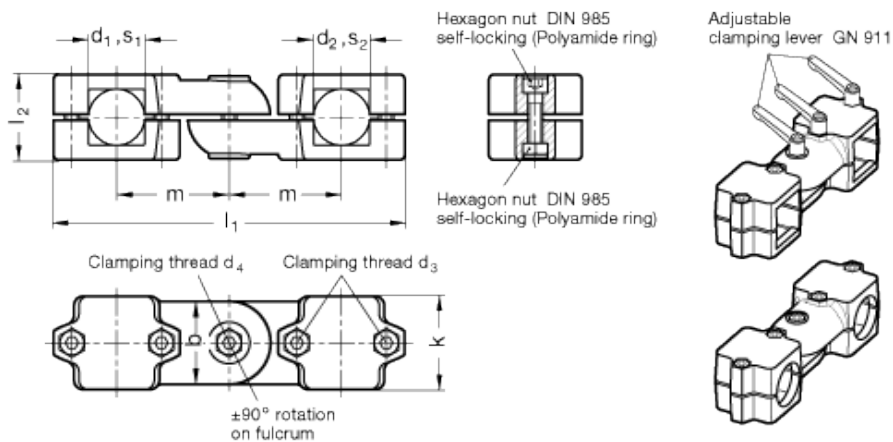


GN 289

Swivel clamp connector joints



technical informations

Material
Aluminium.

Finish

- Version SW: RAL 9005 black colour, matte finish, epoxy resin coating.
- Version BL: blank, matte shot-blasted.

Standard version available

Type S: stepless adjustment.

Clamping screws

Identification no. 2: with AISI 304 stainless steel-clamping screws DIN 912.

Socket cap screw DIN 912

Zinc plated steel / AISI 304 stainless steel.

Hexagon nut DIN 985

Zinc plated steel / AISI 304 stainless steel.

Adjustable clamping levers GN 911

- Zinc die cast.
- Insert / Distance bushing AISI 305 stainless steel.

Features and applications

The swivel clamp connector joints GN 289 are an assembly of two swivel clamp connectors GN 279.

The clamping bores of the swivel clamp connector joints GN 289 are unmachined and designed for construction tubings GN 990 or DIN 2391, DIN 2395 and DIN 2462 respectively.

The swivel clamp connectors have an identical swivel width "b", so that all bores „d1/s1" und „d2/s2" can be combined as required.

The standard clamping screws are socket cap screws DIN 912. They can be used in place of adjustable clamping levers GN 911 (see table of dimensions).

Accessories

- Tubings [GN 990](#).
- Swivel clamp connector joints GN 279.

Standard Elements	Main dimensions	Clamping lever	Weight
-------------------	-----------------	----------------	--------

Description	d ₁	s ₁	d ₂	s ₂	b Swivel width	d ₃ Clamping thread	d ₄ Clamping thread	k	l ₁	l ₂	m	for d ₃	for d ₄	g
	Bore	Square	Bore b	Square V										
GN 289-B40-B40-S-2-SW	B40	-	B40	-	65	M10	M10	76	268	70	85	GN 911-M10-55	GN 911-M10-63	176
GN 289-B40-B40-S-2-BL	B40	-	B40	-	65	M10	M10	76	268	70	85	GN 911-M10-55	GN 911-M10-63	176
GN 289-B40-B42-S-2-SW	B40	-	B42	-	65	M10	M10	76	268	70	85	GN 911-M10-55	GN 911-M10-63	174
GN 289-B40-B42-S-2-BL	B40	-	B42	-	65	M10	M10	76	268	70	85	GN 911-M10-55	GN 911-M10-63	174
GN 289-B40-B45-S-2-SW	B40	-	B45	-	65	M10	M10	76	268	70	85	GN 911-M10-55	GN 911-M10-63	172
GN 289-B40-B45-S-2-BL	B40	-	B45	-	65	M10	M10	76	268	70	85	GN 911-M10-55	GN 911-M10-63	172
GN 289-B40-B48-S-2-SW	B40	-	B48	-	65	M10	M10	76	268	70	85	GN 911-M10-55	GN 911-M10-63	171
GN 289-B40-B48-S-2-BL	B40	-	B48	-	65	M10	M10	76	268	70	85	GN 911-M10-55	GN 911-M10-63	171
GN 289-B40-B50-S-2-SW	B40	-	B50	-	65	M10	M10	76	268	70	85	GN 911-M10-55	GN 911-M10-63	170
GN 289-B40-B50-S-2-BL	B40	-	B50	-	65	M10	M10	76	268	70	85	GN 911-M10-55	GN 911-M10-63	170
GN 289-B40-V40-S-2-SW	B40	-	-	V40	65	M10	M10	76	268	70	85	GN 911-M10-55	GN 911-M10-63	173
GN 289-B40-V40-S-2-BL	B40	-	-	V40	65	M10	M10	76	268	70	85	GN 911-M10-55	GN 911-M10-63	173
GN 289-B40-V45-S-2-SW	B40	-	-	V45	65	M10	M10	76	268	70	85	GN 911-M10-55	GN 911-M10-63	168
GN 289-B40-V45-S-2-BL	B40	-	-	V45	65	M10	M10	76	268	70	85	GN 911-M10-55	GN 911-M10-63	168
GN 289-B40-V50-S-2-SW	B40	-	-	V50	65	M10	M10	76	268	70	85	GN 911-M10-55	GN 911-M10-63	164
GN 289-B40-V50-S-2-BL	B40	-	-	V50	65	M10	M10	76	268	70	85	GN 911-M10-55	GN 911-M10-63	164
GN 289-V40-B40-S-2-SW	-	V40	B40	-	65	M10	M10	76	268	70	85	GN 911-M10-55	GN 911-M10-63	173
GN 289-V40-B40-S-2-BL	-	V40	B40	-	65	M10	M10	76	268	70	85	GN 911-M10-55	GN 911-M10-63	173
GN 289-V40-B42-S-2-SW	-	V40	B42	-	65	M10	M10	76	268	70	85	GN 911-M10-55	GN 911-M10-63	168
GN 289-V40-B42-S-2-BL	-	V40	B42	-	65	M10	M10	76	268	70	85	GN 911-M10-55	GN 911-M10-63	168
GN 289-V40-B45-S-2-SW	-	V40	B45	-	65	M10	M10	76	268	70	85	GN 911-M10-55	GN 911-M10-63	166
GN 289-V40-B45-S-2-BL	-	V40	B45	-	65	M10	M10	76	268	70	85	GN 911-M10-55	GN 911-M10-63	166
GN 289-V40-B48-S-2-SW	-	V40	B48	-	65	M10	M10	76	268	70	85	GN 911-M10-55	GN 911-M10-63	164
GN 289-V40-B48-S-2-BL	-	V40	B48	-	65	M10	M10	76	268	70	85	GN 911-M10-55	GN 911-M10-63	164
GN 289-V40-B50-S-2-SW	-	V40	B50	-	65	M10	M10	76	268	70	85	GN 911-M10-55	GN 911-M10-63	164
GN 289-V40-B50-S-2-BL	-	V40	B50	-	65	M10	M10	76	268	70	85	GN 911-M10-55	GN 911-M10-63	164
GN 289-V40-V40-S-2-SW	-	V40	-	V40	65	M10	M10	76	268	70	85	GN 911-M10-55	GN 911-M10-63	163
GN 289-V40-V40-S-2-BL	-	V40	-	V40	65	M10	M10	76	268	70	85	GN 911-M10-55	GN 911-M10-63	163

GN 289-V40-V45-S-2-SW	-	V40	-	V45	65	M10	M10	76 268 70 85	GN 911-M10-55	GN 911-M10-63	162
GN 289-V40-V45-S-2-BL	-	V40	-	V45	65	M10	M10	76 268 70 85	GN 911-M10-55	GN 911-M10-63	162
GN 289-V40-V50-S-2-SW	-	V40	-	V50	65	M10	M10	76 268 70 85	GN 911-M10-55	GN 911-M10-63	158
GN 289-V40-V50-S-2-BL	-	V40	-	V50	65	M10	M10	76 268 70 85	GN 911-M10-55	GN 911-M10-63	158
GN 289-B42-B40-S-2-SW	B42	-	B40	-	65	M10	M10	76 268 70 85	GN 911-M10-55	GN 911-M10-63	174
GN 289-B42-B40-S-2-BL	B42	-	B40	-	65	M10	M10	76 268 70 85	GN 911-M10-55	GN 911-M10-63	174
GN 289-B42-B42-S-2-SW	B42	-	B42	-	65	M10	M10	76 268 70 85	GN 911-M10-55	GN 911-M10-63	172
GN 289-B42-B42-S-2-BL	B42	-	B42	-	65	M10	M10	76 268 70 85	GN 911-M10-55	GN 911-M10-63	172
GN 289-B42-B45-S-2-SW	B42	-	B45	-	65	M10	M10	76 268 70 85	GN 911-M10-55	GN 911-M10-63	171
GN 289-B42-B45-S-2-BL	B42	-	B45	-	65	M10	M10	76 268 70 85	GN 911-M10-55	GN 911-M10-63	171
GN 289-B42-B48-S-2-SW	B42	-	B48	-	65	M10	m10	76 268 70 85	GN 911-M10-55	GN 911-M10-63	169
GN 289-B42-B48-S-2-BL	B42	-	B48	-	65	M10	M10	76 268 70 85	GN 911-M10-55	GN 911-M10-63	169
GN 289-B42-B50-S-2-SW	B42	-	B50	-	65	M10	M10	76 268 70 85	GN 911-M10-55	GN 911-M10-63	168
GN 289-B42-B50-S-2-BL	B42	-	B50	-	65	M10	M10	76 268 70 85	GN 911-M10-55	GN 911-M10-63	168
GN 289-B42-V40-S-2-SW	B42	-	-	V40	65	M10	M10	76 268 70 85	GN 911-M10-55	GN 911-M10-63	168
GN 289-B42-V40-S-2-BL	B42	-	-	V40	65	M10	M10	76 268 70 85	GN 911-M10-55	GN 911-M10-63	168
GN 289-B42-V45-S-2-SW	B42	-	-	V45	65	M10	M10	76 268 70 85	GN 911-M10-55	GN 911-M10-63	166
GN 289-B42-V45-S-2-BL	B42	-	-	V45	65	M10	M10	76 268 70 85	GN 911-M10-55	GN 911-M10-63	166
GN 289-B42-V50-S-2-SW	B42	-	-	V50	65	M10	M10	76 268 70 85	GN 911-M10-55	GN 911-M10-63	163
GN 289-B42-V50-S-2-BL	B42	-	-	V50	65	M10	M10	76 268 70 85	GN 911-M10-55	GN 911-M10-63	163
GN 289-B45-B40-S-2-SW	B45	-	B40	-	65	M10	M10	76 268 70 85	GN 911-M10-55	GN 911-M10-63	172
GN 289-B45-B40-S-2-BL	B45	-	B40	-	65	M10	M10	76 268 70 85	GN 911-M10-55	GN 911-M10-63	172
GN 289-B45-B42-S-2-SW	B45	-	B42	-	65	M10	M10	76 268 70 85	GN 911-M10-55	GN 911-M10-63	171
GN 289-B45-B42-S-2-BL	B45	-	B42	-	65	M10	M10	76 268 70 85	GN 911-M10-55	GN 911-M10-63	171
GN 289-B45-B45-S-2-SW	B45	-	B45	-	65	M10	M10	76 268 70 85	GN 911-M10-55	GN 911-M10-63	169
GN 289-B45-B45-S-2-BL	B45	-	B45	-	65	M10	M10	76 268 70 85	GN 911-M10-55	GN 911-M10	169
GN 289-B45-B48-S-2-SW	B45	-	B48	-	65	M10	M10	76 268 70 85	GN 911-M10-55	GN 911-M10-63	168
GN 289-B45-B48-S-2-BL	B45	-	B48	-	65	M10	M10	76 268 70 85	GN 911-M10-55	GN 911-M10-63	168
GN 289-B45-B50-S-2-SW	B45	-	B50	-	65	M10	M10	76 268 70 85	GN 911-M10-55	GN 911-M10-63	167

GN 289-B45-B50-S-2-BL	B45	-	B50	-	65	M10	M10	76 268 70 85	GN 911-M10-55	GN 911-M10-63	167
GN 289-B45-V40-S-2-SW	B45	-	-	V40	65	M10	M10	76 268 70 85	GN 911-M10-55	GN 911-M10-63	166
GN 289-B45-V40-S-2-BL	B45	-	-	V40	65	M10	M10	76 268 70 85	GN 911-M10-55	GN 911-M10-63	166
GN 289-B45-V45-S-2-SW	B45	-	-	V45	65	M10	M10	76 268 70 85	GN 911-M10-55	GN 911-M10-63	165
GN 289-B45-V45-S-2-BL	B45	-	-	V45	65	M10	M10	76 268 70 85	GN 911-M10-55	GN 911-M10-63	165
GN 289-B45-V50-S-2-SW	B45	-	-	V50	65	M10	M10	76 268 70 85	GN 911-M10-55	GN 911-M10-63	161
GN 289-B45-V50-S-2-BL	B45	-	-	V50	65	M10	M10	76 268 70 85	GN 911-M10-55	GN 911-M10-63	161
GN 289-V45-B40-S-2-SW	-	V45	B40	-	65	M10	M10	76 268 70 85	GN 911-M10-55	GN 911-M10-63	168
GN 289-V45-B40-S-2-BL	-	V45	B40	-	65	M10	M10	76 268 70 85	GN 911-M10-55	GN 911-M10-63	168
GN 289-V45-B42-S-2-SW	-	V45	B42	-	65	M10	M10	76 268 70 85	GN 911-M10-55	GN 911-M10-63	166
GN 289-V45-B42-S-2-BL	-	V45	B42	-	65	M10	M10	76 268 70 85	GN 911-M10-55	GN 911-M10-63	166
GN 289-V45-B45-S-2-SW	-	V45	B45	-	65	M10	M10	76 268 70 85	GN 911-M10-55	GN 911-M10-63	165
GN 289-V45-B45-S-2-BL	-	V45	B45	-	65	M10	M10	76 268 70 85	GN 911-M10-55	GN 911-M10-63	165
GN 289-V45-B48-S-2-SW	-	V45	B48	-	65	M10	M10	76 268 70 85	GN 911-M10-55	GN 911-M10-63	163
GN 289-V45-B48-S-2-BL	-	V45	B48	-	65	M10	M10	76 268 70 85	GN 911-M10-55	GN 911-M10-63	163
GN 289-V45-B50-S-2-SW	-	V45	B50	-	65	M10	M10	76 268 70 85	GN 911-M10-55	GN 911-M10-63	162
GN 289-V45-B50-S-2-BL	-	V45	B50	-	65	M10	M10	76 268 70 85	GN 911-M10-55	GN 911-M10-63	162
GN 289-V45-V40-S-2-SW	-	V45	-	V40	65	M10	M10	76 268 70 85	GN 911-M10-55	GN 911-M10-63	162
GN 289-V45-V40-S-2-BL	-	V45	-	V40	65	M10	M10	76 268 70 85	GN 911-M10-55	GN 911-M10-63	162
GN 289-V45-V45-S-2-SW	-	V45	-	V45	65	M10	M10	76 268 70 85	GN 911-M10-55	GN 911-M10-63	161
GN 289-V45-V45-S-2-BL	-	V45	-	V45	65	M10	M10	76 268 70 85	GN 911-M10-55	GN 911-M10-63	161
GN 289-V45-V50-S-2-SW	-	V45	-	V50	65	M10	M10	76 268 70 85	GN 911-M10-55	GN 911-M10-63	157
GN 289-V45-V50-S-2-BL	-	V45	-	V50	65	M10	M10	76 268 70 85	GN 911-M10-55	GN 911-M10-63	157
GN 289-B48-B40-S-2-SW	B48	-	B40	-	65	M10	M10	76 268 70 85	GN 911-M10-55	GN 911-M10-63	171
GN 289-B48-B40-S-2-BL	B48	-	B40	-	65	M10	M10	76 268 70 85	GN 911-M10-55	GN 911-M10-63	171
GN 289-B48-B42-S-2-SW	B48	-	B42	-	65	M10	M10	76 268 70 85	GN 911-M10-55	GN 911-M10-63	169
GN 289-B48-B42-S-2-BL	B48	-	B42	-	65	M10	M10	76 268 70 85	GN 911-M10-55	GN 911-M10-63	169
GN 289-B48-B45-S-2-SW	B48	-	B45	-	65	M10	M10	76 268 70 85	GN 911-M10-55	GN 911-M10-63	168
GN 289-B48-B45-S-2-BL	B48	-	B45	-	65	M10	M10	76 268 70 85	GN 911-M10-55	GN 911-M10-63	168

GN 289-B48-B48-S-2-SW	B48	-	B48	-	65	M10	M10	76 268 70 85	GN 911-M10-55	GN 911-M10-63	166
GN 289-B48-B48-S-2-BL	B48	-	B48	-	65	M10	M10	76 268 70 85	GN 911-M10-55	GN 911-M10-63	166
GN 289-B48-B50-S-2-SW	B48	-	B50	-	65	M10	M10	76 268 70 85	GN 911-M10-55	GN 911-M10-63	165
GN 289-B48-B50-S-2-BL	B48	-	B50	-	65	M10	M10	76 268 70 85	GN 911-M10-55	GN 911-M10-63	165
GN 289-B48-V40-S-2-SW	B48	-	-	V40	65	M10	M10	76 268 70 85	GN 911-M10-55	GN 911-M10-63	164
GN 289-B48-V40-S-2-BL	B48	-	-	V40	65	M10	M10	76 268 70 85	GN 911-M10-55	GN 911-M10-63	164
GN 289-B48-V45-S-2-SW	B48	-	-	V45	65	M10	M10	76 268 70 85	GN 911-M10-55	GN 911-M10-63	163
GN 289-B48-V45-S-2-BL	B48	-	-	V45	65	M10	M10	76 268 70 85	GN 911-M10-55	GN 911-M10-63	163
GN 289-B48-V50-S-2-SW	B48	-	-	V50	65	M10	M10	76 268 70 85	GN 911-M10-55	GN 911-M10-63	160
GN 289-B48-V50-S-2-BL	B48	-	-	V50	65	M10	M10	76 268 70 85	GN 911-M10-55	GN 911-M10-63	160
GN 289-B50-B40-S-2-SW	B50	-	B40	-	65	M10	M10	76 268 70 85	GN 911-M10-55	GN 911-M10-63	170
GN 289-B50-B40-S-2-BL	B50	-	B40	-	65	M10	M10	76 268 70 85	GN 911-M10-55	GN 911-M10-63	170
GN 289-B50-B42-S-2-SW	B50	-	B42	-	65	M10	M10	76 268 70 85	GN 911-M10-55	GN 911-M10-63	168
GN 289-B50-B42-S-2-BL	B50	-	B42	-	65	M10	M10	76 268 70 85	GN 911-M10-55	GN 911-M10-63	168
GN 289-B50-B45-S-2-SW	B50	-	B45	-	65	M10	M10	76 268 70 85	GN 911-M10-55	GN 911-M10-63	167
GN 289-B50-B45-S-2-BL	B50	-	B45	-	65	M10	M10	76 268 70 85	GN 911-M10-55	GN 911-M10-63	167
GN 289-B50-B48-S-2-SW	B50	-	B48	-	65	M10	M10	76 268 70 85	GN 911-M10-55	GN 911-M10-63	165
GN 289-B50-B48-S-2-BL	B50	-	B48	-	65	M10	M10	76 268 70 85	GN 911-M10-55	GN 911-M10-63	165
GN 289-B50-B50-S-2-SW	B50	-	B50	-	65	M10	M10	76 268 70 85	GN 911-M10-55	GN 911-M10-63	164
GN 289-B50-B50-S-2-BL	B50	-	B50	-	65	M10	M10	76 268 70 85	GN 911-M10-55	GN 911-M10-63	164
GN 289-B50-V40-S-2-SW	B50	-	-	V40	65	M10	M10	76 268 70 85	GN 911-M10-55	GN 911-M10-63	164
GN 289-B50-V40-S-2-BL	B50	-	-	V40	65	M10	M10	76 268 70 85	GN 911-M10-55	GN 911-M10-63	164
GN 289-B50-V45-S-2-SW	B50	-	-	V45	65	M10	M10	76 268 70 85	GN 911-M10-55	GN 911-M10-63	162
GN 289-B50-V45-S-2-BL	B50	-	-	V45	65	M10	M10	76 268 70 85	GN 911-M10-55	GN 911-M10-63	162
GN 289-B50-V50-S-2-SW	B50	-	-	V50	65	M10	M10	76 268 70 85	GN 911-M10-55	GN 911-M10-63	159
GN 289-B50-V50-S-2-BL	B50	-	-	V50	65	M10	M10	76 268 70 85	GN 911-M10-55	GN 911-M10-63	159
GN 289-V50-B40-S-2-SW	-	V50	B40	-	65	M10	M10	76 268 70 85	GN 911-M10-55	GN 911-M10-63	164
GN 289-V50-B40-S-2-BL	-	V50	B40	-	65	M10	M10	76 268 70 85	GN 911-M10-55	GN 911-M10-63	164
GN 289-V50-B42-S-2-SW	-	V50	B42	-	65	M10	M10	76 268 70 85	GN 911-M10-55	GN 911-M10-63	163

GN 289-V50-B42-S-2-BL	-	V50	B42	-	65	M10	M10	76 268 70 85	GN 911-M10-55	GN 911-M10-63	163
GN 289-V50-B45-S-2-SW	-	V50	B45	-	65	M10	M10	76 268 70 85	GN 911-M10-55	GN 911-M10-63	161
GN 289-V50-B45-S-2-BL	-	V50	B45	-	65	M10	M10	76 268 70 85	GN 911-M10-55	GN 911-M10-63	161
GN 289-V50-B48-S-2-SW	-	V50	B48	-	65	M10	M10	76 268 70 85	GN 911-M10-55	GN 911-M10-63	160
GN 289-V50-B48-S-2-BL	-	V50	B48	-	65	M10	M10	76 268 70 85	GN 911-M10-55	GN 911-M10-63	160
GN 289-V50-B50-S-2-SW	-	V50	B50	-	65	M10	M10	76 268 70 85	GN 911-M10-55	GN 911-M10-63	159
GN 289-V50-B50-S-2-BL	-	V50	B50	-	65	M10	M10	76 268 70 85	GN 911-M10-55	GN 911-M10-63	159
GN 289-V50-V40-S-2-SW	-	V50	-	V40	65	M10	M10	76 268 70 85	GN 911-M10-55	GN 911-M10-63	158
GN 289-V50-V40-S-2-BL	-	V50	-	V40	65	M10	M10	76 268 70 85	GN 911-M10-55	GN 911-M10-63	158
GN 289-V50-V45-S-2-SW	-	V50	-	V45	65	M10	M10	76 268 70 85	GN 911-M10-55	GN 911-M10-63	157
GN 289-V50-V45-S-2-BL	-	V50	-	V45	65	M10	M10	76 268 70 85	GN 911-M10-55	GN 911-M10-63	157
GN 289-V50-V50-S-2-SW	-	V50	-	V50	65	M10	M10	76 268 70 85	GN 911-M10-55	GN 911-M10-63	154
GN 289-V50-V50-S-2-BL	-	V50	-	V50	65	M10	M10	76 268 70 85	GN 911-M10-55	GN 911-M10-63	154



STANDARD MACHINE ELEMENTS WORLDWIDE