

GN 166

Off-set base plate connector clamps

•Material

Aluminium.

•Finish

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

•Clamping screws

- Identification no. **1**: with two clamping screws DIN 912 and nuts DIN 985, zinc-plated.
- Identification no. **2**: with two AISI 304 stainless steel-clamping screws DIN 912 and nuts DIN 985.

•Assembly

The standard clamping bolts are socket cap screws DIN 912, supplied assembled. They can be replaced by clamping kits GN 911 (description see table of dimensions).

Features and applications

The clamping bores of the off-set base plate connector clamps GN 166 are unmachined and designed for construction tubings GN 990 or DIN 2391, DIN 2395 and DIN 2462 respectively.

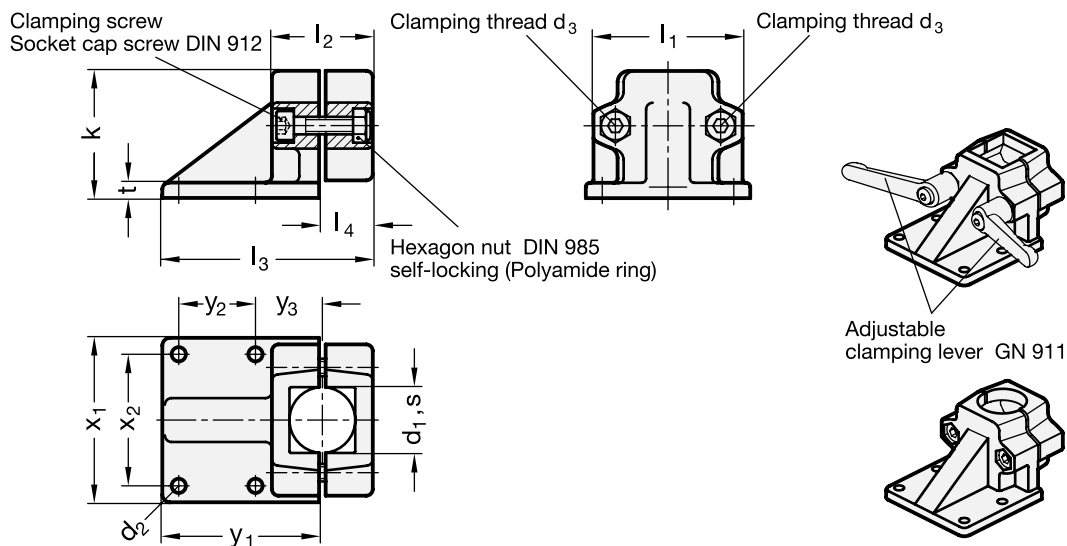
Accessories

- Construction tubings GN 990 (see page 109ff.).
- Clamping kits GN 911 (clamping handles GN 300.1 with distance bushing) see page 116.



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Tube clamp connectors, Linear actuators



Standard Elements	Main dimensions															Clamping kits for d3	△△
Description	d1	s	d2	d3	k Clamping length	l1	l2	l3	l4	t	x1	x2	y1	y2	y3		g
GN 166-B20-1-*	B20	-	7	M8	58	69	46	96	23	7	75	60	72	35	30	GN 911-M8-40	297
GN 166-B25-1-*	B25	-	7	M8	58	69	46	96	23	7	75	60	72	35	30	GN 911-M8-40	291
GN 166-B30-1-*	B30	-	7	M8	58	69	46	96	23	7	75	60	72	35	30	GN 911-M8-40	286
GN 166-B40-1-*	B40	-	11	M10	91	98	70	145	35	14	115	90	108	50	45	GN 911-M10-63	873
GN 166-B42-1-*	B42	-	11	M10	91	98	70	145	35	14	115	90	108	50	45	GN 911-M10-63	850
GN 166-B45-1-*	B45	-	11	M10	91	98	70	145	35	14	115	90	108	50	45	GN 911-M10-63	840
GN 166-B48-1-*	B48	-	11	M10	91	98	70	145	35	14	115	90	108	50	45	GN 911-M10-63	830
GN 166-B50-1-*	B50	-	11	M10	91	98	70	145	35	14	115	90	108	50	45	GN 911-M10-63	815
GN 166-V20-1-*	-	V20	7	M8	58	69	46	96	23	7	75	60	72	35	30	GN 911-M8-40	291
GN 166-V25-1-*	-	V25	7	M8	58	69	46	96	23	7	75	60	72	35	30	GN 911-M8-40	281
GN 166-V30-1-*	-	V30	7	M8	58	69	46	96	23	7	75	60	72	35	30	GN 911-M8-40	273
GN 166-V40-1-*	-	V40	11	M10	91	98	70	145	35	14	115	90	108	50	45	GN 911-M10-63	839
GN 166-V45-1-*	-	V45	11	M10	91	98	70	145	35	14	115	90	108	50	45	GN 911-M10-63	816
GN 166-V50-1-*	-	V50	11	M10	91	98	70	145	35	14	115	90	108	50	45	GN 911-M10-63	776
GN 166-B20-2-*	B20	-	7	M8	58	69	46	96	23	7	75	60	72	35	30	GN 911-M8-40	297
GN 166-B25-2-*	B25	-	7	M8	58	69	46	96	23	7	75	60	72	35	30	GN 911-M8-40	291
GN 166-B30-2-*	B30	-	7	M8	58	69	46	96	23	7	75	60	72	35	30	GN 911-M8-40	286
GN 166-B40-2-*	B40	-	11	M10	91	98	70	145	35	14	115	90	108	50	45	GN 911-M10-63	873
GN 166-B42-2-*	B42	-	11	M10	91	98	70	145	35	14	115	90	108	50	45	GN 911-M10-63	850
GN 166-B45-2-*	B45	-	11	M10	91	98	70	145	35	14	115	90	108	50	45	GN 911-M10-63	840
GN 166-B48-2-*	B48	-	11	M10	91	98	70	145	35	14	115	90	108	50	45	GN 911-M10-63	830
GN 166-B50-2-*	B50	-	11	M10	91	98	70	145	35	14	115	90	108	50	45	GN 911-M10-63	815
GN 166-V20-2-*	-	V20	7	M8	58	69	46	96	23	7	75	60	72	35	30	GN 911-M8-40	291
GN 166-V25-2-*	-	V25	7	M8	58	69	46	96	23	7	75	60	72	35	30	GN 911-M8-40	281
GN 166-V30-2-*	-	V30	7	M8	58	69	46	96	23	7	75	60	72	35	30	GN 911-M8-40	273
GN 166-V40-2-*	-	V40	11	M10	91	98	70	145	35	14	115	90	108	50	45	GN 911-M10-63	839
GN 166-V45-2-*	-	V45	11	M10	91	98	70	145	35	14	115	90	108	50	45	GN 911-M10-63	816
GN 166-V50-2-*	-	V50	11	M10	91	98	70	145	35	14	115	90	108	50	45	GN 911-M10-63	776

* Complete the description of the standard item needed by adding the finish of the connector clamps: BL (blank) or SW (black).