



2 Type
AS Steel or brass base, forged



Size	F _H in N Holding capacity	a	b ₁	b ₂	d ₁	d ₂	d ₃	h ₁ ≈	h ₂ ≈	l ₁
70	1200	12	64	36	8,5	M 6	4,3	42,5	19,5	86
160	2800	15	85	46	11	M 6	5,3	59	25	116
360	5600	25	90	45,5	12	M 8	5,5	75	34,5	122
550	8000	18	122,5	55	14	M 8	7	82,5	29,5	164,5
1100	16000	25	133	57	16	M 10	8,5	95	38	182
2100	25000	35	177	70	20	M 12	8,5	118,5	50	238
3100	45000	40	216	76	22	M 14	11	137	56	316

Size	l ₂ ≈	l ₃	m ₁	m ₂	m ₃	m ₄	s	t	w Stroke
70	79	22	26	13	26	-	6	12	20
160	107	31	33,5	11,5	36,5	-	7	12	30
360	114	32	33,5	30	36,5	-	7	15	32
550	154,5	42	41	15	35	41	6	16	42
1100	170,5	49	41	15	35	41	8	18	50
2100	222	61	50	35	50	50	10	22	60
3100	300	100	54	40	70	70	10	25	100

Specification

- Body
Brass: Size 70
Steel: Size 160 to 3100
- forged
- black lacquered
- Parts in sheet metal
Case-hardened steel C10
zinc plated, blue passivated
- Plunger steel St 37
zinc plated, blue passivated
- Bearing pins (rivets)
case-hardened
- RoHS compliant

Accessory

- Spindle assemblies → Page 585 ff.

Information

GN 842 heavy duty push-pull type toggle clamps can be used for very high holding capacities thanks to their massive and sturdy body.

On the size 70, the mounting holes are provided with cylindrical counter-sinks for the use of hexagon socket head screws DIN 912-M4.

see also...

- General information for toggle clamps → Page 500

How to order	1	Size
	2	Type

GN 842-1100-AS