

Pneumatic fastening clamps

SPECIFICATION

Type

- Type **BL**: Clamping arm horizontal
- Steel C45
- blackened
- anti-stick coating fluoropolymer (PTFE), green **FG**
- max. pressure 10 bar

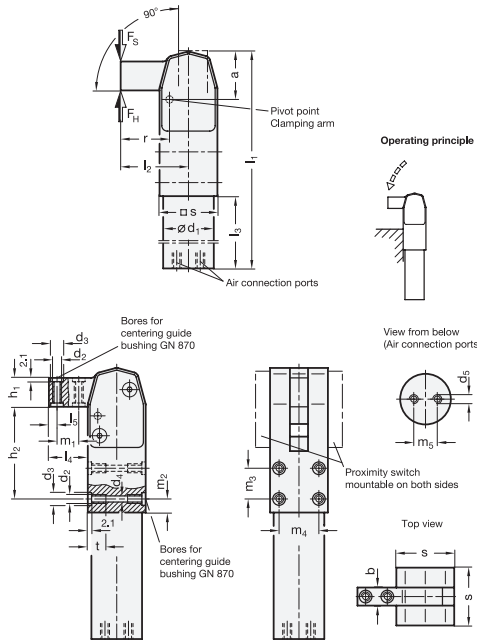
INFORMATION

The maximum clamping moment of the power clamps GN 864 is reached once the clamping arm is at the end of its stroke. For this reason the working stroke should be completed as closely as possible to the stroke end. The type FG is equipped with an anti-stick coating of fluoropolymer (PTFE) for protection against welding spray and corrosion. With protective covers GN 864.1 (see page), the tensioning mechanism can be additionally protected against penetrating dirt.

- Information for pneumatic fastening clamps (see page 1632)

TECHNICAL INFORMATION

- ISO-Fundamental Tolerances (see page A21)



GN 864

Description	max. clamping Size moment in Nm at 6 bar	FH in N	Fs in N	a	b	d1 -0.2 h8	d2	d3 H8	d4	d5	h1	h2	l1 -0.5	l2	l3	l4	l5	m1 ±0.01	m2	m3 ±0.01	m4 ±0.01	m5	r	s	t		
GN 864-20-BL	20	60	4070	2220	27	10	28	M 5	7	4.2	M 5	16	51	150	37.5	70	21.5	4.5	12	7.5	17	22	13	27	32	13	640
GN 864-32-BL	32	150	5620	4110	36.5	12	40	M 6	9	5	G 1/8	21	75.5	206	52	91	31	6	18	10	25	30	22	36.5	42	15	1500
GN 864-40-BL	40	300	7530	6740	44.5	16	50	M 8	11	6.8	G 1/8	26	91.5	244	63	104	37	7.5	22	13	30	37	25	44.5	52	18	2820
GN 864-50-BL	50	475	13300	9000	52.5	18	60	M 10	13	8.5	G 1/8	31	114	279	72.5	110.5	41.5	8	27	12	47	44	35	52.5	62	21	3800
GN 864-20-BL-FG	20	60	4070	2220	27	10	28	M 5	7	4.2	M 5	16	51	150	37.5	70	21.5	4.5	12	7.5	17	22	13	27	32	13	640
GN 864-32-BL-FG	32	150	5620	4110	36.5	12	40	M 6	9	5	G 1/8	21	75.5	206	52	91	31	7	18	10	25	30	22	36.5	42	15	1500
GN 864-40-BL-FG	40	300	7530	6740	44.5	16	50	M 8	11	6.8	G 1/8	26	91.5	244	63	104	37	7.5	22	13	30	37	25	44.5	52	18	2820
GN 864-50-BL-FG	50	475	13300	9000	52.5	18	60	M 10	13	8.5	G 1/8	31	114	279	72.5	110.5	41.5	8	27	12	47	44	35	52.5	62	21	3800