

Swing Clamps

Pneumatic, in Block Version

SPECIFICATION

Coding

- Type **L**: Swiveling left
- Type **R**: Swiveling right

Types

- Type **A**: Clamping arm with slotted hole and 2 flanged washers
- Type **AC**: Clamping arm with slotted hole, 2 flanged washers and GN 708.1 spindle assembly
- Type **B**: Clamping arm with threaded hole
- Type **F**: Adapter flange
- Type **N**: Without clamping arm

Aluminum

Hard anodized

Wear-resistant surface

Double-action air cylinder

Max. pressure 6 bar

Socket cap screw DIN 912

Steel, zinc plated, blue passivated

Washer ISO 7092

Steel, zinc plated, blue passivated

- Clamping screw GN 708.1 type A

- Steel, zinc plated, blue passivated

- Rubber thrust pad 85 Shore A



INFORMATION

Swing clamps GN 875 are used when the clamping point for inserting and removing the workpiece must be freely accessible on top.

During the clamping action, the arm is first swiveled by 90° and lowered, followed by the linear tensioning motion. The workpiece clamping must take place within the clamping stroke.

The angle orientation of the tensioning arm can be set arbitrarily during mounting on the swing clamp. When tightening the screw, the piston rod must not experience any torque. The clamping arm must therefore be held to prevent twisting.

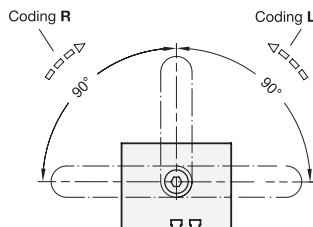
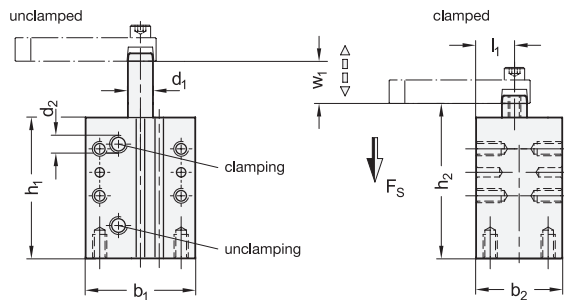
The swing clamps are equipped with a magnet ring piston and are therefore pre-fitted for end stop detection via sensor.

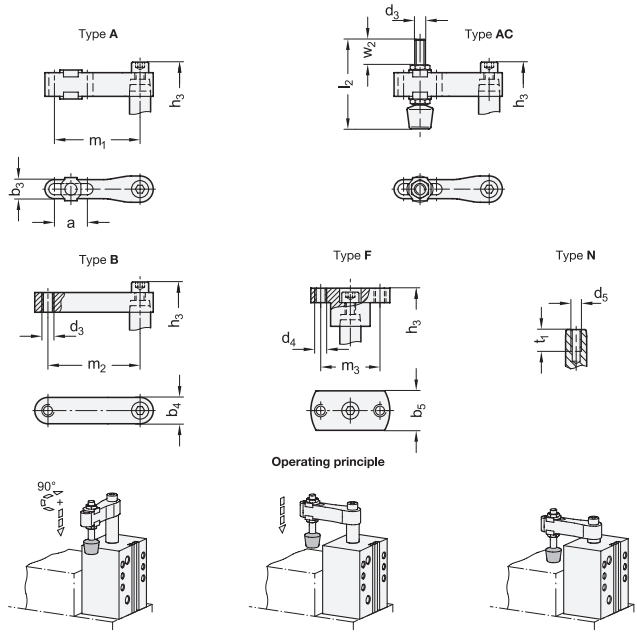
ACCESSORY

- Clamping Arms GN 875.2 (see page)
- Clamping Arms GN 875.3 (see page)
- Adapter Flanges GN 875.4 (see page)
- Sensor GN 3380 (see page)
- Clamping Screws GN 708.1 (see page 1625)

TECHNICAL INFORMATION

- List of Pneumatic Clamps (see page)





* Complete with Coding of the Swing Clamps (L or R)

- L**
Swivelling left
- R**
Swivelling right

GN 875-A

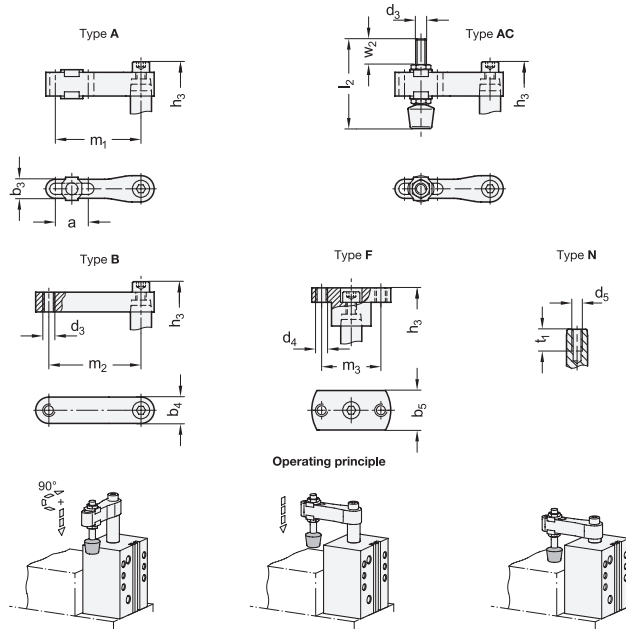
Description	Size	d1	F _s in N	a	b1	b2	b3	b4	d2	h1	h2 ≈	h3 ≈	l1	m1	w1 clamping stroke	w1 stroke	max tightening torque in Nm	⚖
GN 875-16-8-*-A	16	8	89	15	42	28	6.7	12.5	M 5	70	75	107	11	41	8.5	17	6	242
GN 875-20-12-*-A	20	12	118	20	46	30	9.3	17	M 5	74	79	127	13	48	15	27	9	302
GN 875-25-14-*-A	25	14	170	20	55	35	11.3	18	M 5	78	82	135	15.5	50	14	27	9	439
GN 875-32-16-*-A	32	16	270	25	60	45	14.5	20	G 1/8	90	95	153	20	65	14	30	18	733
GN 875-40-16-*-A	40	16	450	25	70	55	14.5	20	G 1/8	90	95	153	24.5	65	15	30	18	997
GN 875-50-20-*-A	50	20	700	30	85	65	17.5	25	G 1/8	100	105	172	31	85	15	32	35	1693
GN 875-63-20-*-A	63	20	1100	30	100	80	17.5	25	G 1/8	100	105	170	38	85	15	30	35	2359

GN 875-AC

Description	Size	d1	F _s in N	a	b1	b2	b3	b4	d2	d3	h1	h2 ≈	h3 ≈	l1	l2	m1	w1 clamping stroke	w1 stroke	w2	max tightening torque in Nm	⚖
GN 875-16-8-*-AC	16	8	89	15	42	28	6.7	12.5	M 5	M 4	70	75	107	11	43	41	8.5	17	8	6	249
GN 875-20-12-*-AC	20	12	118	20	46	30	9.3	17	M 5	M 5	74	79	127	13	45	48	15	27	15	9	312
GN 875-25-14-*-AC	25	14	170	20	55	35	11.3	18	M 5	M 6	78	82	135	15.5	55	50	14	27	18	9	455
GN 875-32-16-*-AC	32	16	270	25	60	45	14.5	20	G 1/8	M 8	90	95	153	20	68	65	14	30	21	18	767
GN 875-40-16-*-AC	40	16	450	25	70	55	14.5	20	G 1/8	M 8	90	95	153	24.5	68	65	15	30	21	18	1041
GN 875-50-20-*-AC	50	20	700	30	85	65	17.5	25	G 1/8	M 10	100	105	172	31	77	85	15	32	19	35	1743
GN 875-63-20-*-AC	63	20	1100	30	100	80	17.5	25	G 1/8	M 10	100	105	170	38	77	85	15	30	19	35	2409

Weight version L





* Complete with Coding of the Swing Clamps (L or R)

- L** Swivelling left
- R** Swivelling right

GN 875-B

Description	Size	d_1	F_s in N	b_2	b_4	d_2	d_3	h_1	$h_2 \approx$	l_1	m_2	w_1 clamping stroke	w_1 stroke	max tightening torque in Nm	
GN 875-16-8-*-B	16	8	89	28	12.5	M5	M4	70	75	11	41	8.5	17	6	250
GN 875-20-12-*-B	20	12	118	30	17	M5	M5	74	79	13	48	15	27	9	308
GN 875-25-14-*-B	25	14	170	35	18	M5	M6	78	82	15.5	50	14	27	9	435
GN 875-32-16-*-B	32	16	270	45	20	G 1/8	M8	90	95	20	60	14	30	18	724
GN 875-40-16-*-B	40	16	450	55	20	G 1/8	M8	90	95	24.5	70	15	30	18	1017
GN 875-50-20-*-B	50	20	700	65	25	G 1/8	M10	100	105	31	80	15	32	35	1673
GN 875-63-20-*-B	63	20	1100	80	25	G 1/8	M10	100	105	38	90	15	30	35	2370

GN 875-F

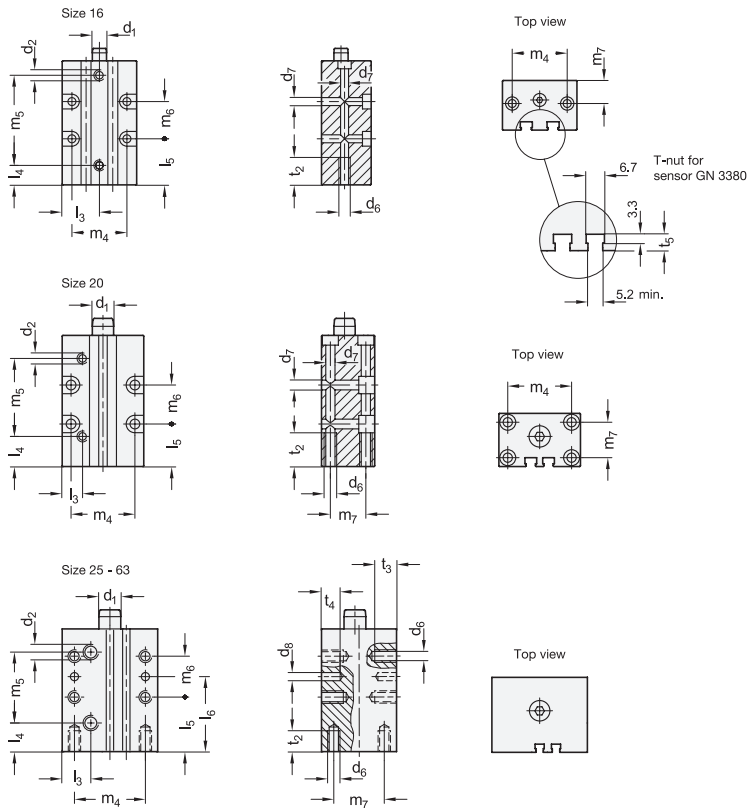
Description	Size	d_1	F_s in N	b_2	b_5	d_2	d_4	h_1	$h_2 \approx$	l_1	m_3	$t_1 \approx$	w_1 clamping stroke	w_1 stroke	max tightening torque in Nm	
GN 875-16-8-*-F	16	8	89	28	13	M5	M5	70	75	11	22	12	8.5	17	6	243
GN 875-20-12-*-F	20	12	118	30	18	M5	M6	74	79	13	30	14	15	27	9	301
GN 875-25-14-*-F	25	14	170	35	25	M5	M6	78	82	15.5	38	14	14	27	9	402
GN 875-32-16-*-F	32	16	270	45	30	G 1/8	M8	90	95	20	45	16	14	30	18	670
GN 875-40-16-*-F	40	16	450	55	30	G 1/8	M8	90	95	24.5	45	16	15	30	18	944
GN 875-50-20-*-F	50	20	700	65	32	G 1/8	M8	100	105	31	48	16	15	32	35	1558
GN 875-63-20-*-F	63	20	1100	80	32	G 1/8	M8	100	105	38	48	16	15	30	35	2224

GN 875-N

Description	Size	d_1	F_s in N	b_2	d_2	d_5	h_1	$h_2 \approx$	l_1	w_1 clamping stroke	w_1 stroke	
GN 875-16-8-*-N	16	8	89	28	M5	M5	70	75	11	8.5	17	230
GN 875-20-12-*-N	20	12	118	30	M5	M8	74	79	13	15	27	270
GN 875-25-14-*-N	25	14	170	35	M5	M8	78	82	15.5	14	27	398
GN 875-32-16-*-N	32	16	270	45	G 1/8	M8	90	95	20	14	30	666
GN 875-40-16-*-N	40	16	450	55	G 1/8	M8	90	95	24.5	15	30	940
GN 875-50-20-*-N	50	20	700	65	G 1/8	M10	100	105	31	15	32	1554
GN 875-63-20-*-N	63	20	1100	80	G 1/8	M10	100	105	38	15	30	2220

Weight version L

Fastening and mounting dimensions



Size	d1	d6	d7	d8 H7	l3	l4	l5	l6	m4	m5	m6	m7	t2	t3	t4	t5 ≈
16	8	M 5	4.5	-	21	11	26	-	31	51	21	13	15	-	-	4.7
20	12	M 6	5.5	-	11.5	17	24	-	36	44.5	22	20	20	-	-	5
25	14	M 8	-	6	17	17	33	48	40	44.5	30	20	15	10	10	4.5
32	16	M 8	-	6	18	18	40	55	45	51	30	30	20	15	15	6
40	16	M 8	-	6	21	21	40	55	52	52	30	37	20	15	15	7.5
50	20	M 10	-	8	26	26	40	60	66	53	40	46	20	20	15	6
63	20	M 10	-	8	30	30	40	60	80	53	40	60	20	20	15	7.5

