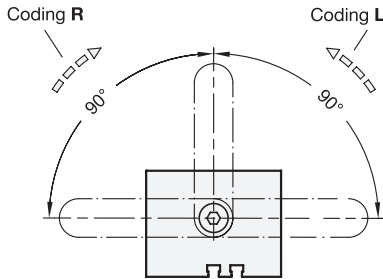


- 3 Coding**
L Swiveling left
R Swiveling right

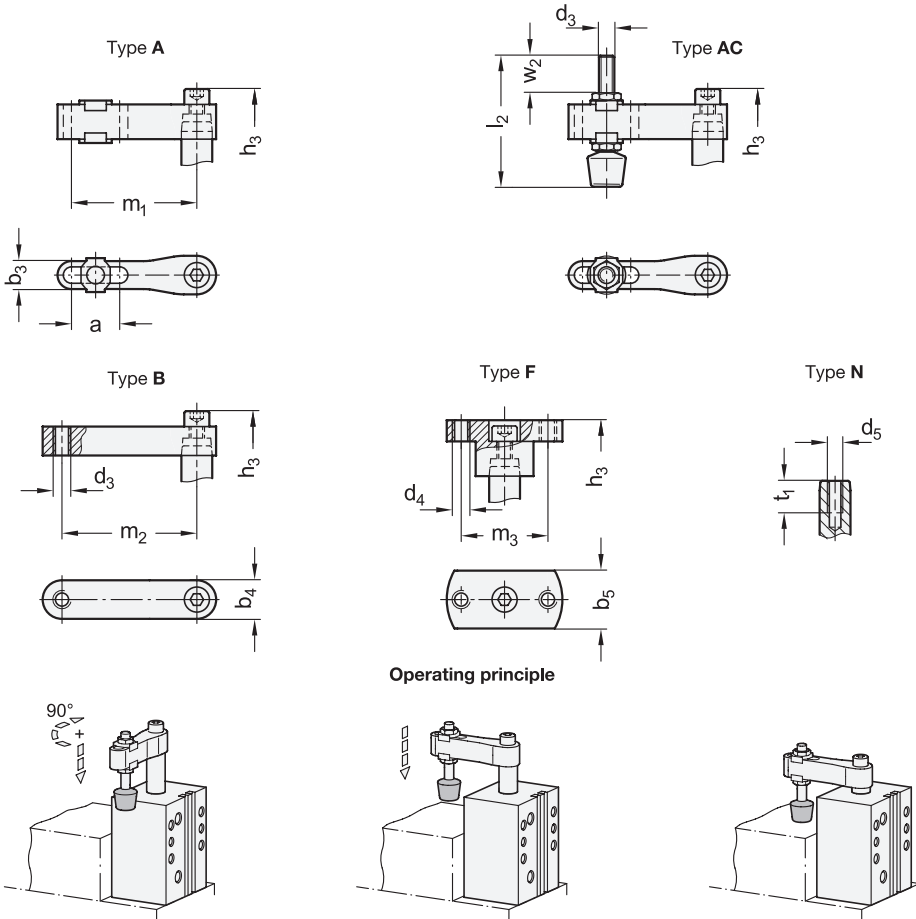
- 4 Type**
A Clamping arm with slotted hole and 2 flanged washers
AC Clamping arm with slotted hole, 2 flanged washers and GN 708.1 spindle assembly
B Clamping arm with threaded hole
F Adapter flange
N Without clamping arm



1 **2**

Size (Piston-Ø)	d ₁	F _S in N Clamping force at 6 bar	a	b ₁	b ₂	b ₃	b ₄	b ₅	d ₂ Supply port	d ₃	d ₄	d ₅	h ₁	h ₂ ≈ Clamped
16	8	89	15	42	28	6,7	125	13	M 5	M 4	M 5	M 5	70	75
20	12	118	20	46	30	9,3	17	18	M 5	M 5	M 6	M 8	74	79
25	14	170	20	55	35	11,3	18	25	M 5	M 6	M 6	M 8	78	82
32	16	270	25	60	45	14,5	20	30	G 1/8	M 8	M 8	M 8	90	95
40	16	450	25	70	55	14,5	20	30	G 1/8	M 8	M 8	M 8	90	95
50	20	700	30	85	65	17,5	25	32	G 1/8	M 10	M 8	M 10	100	105
63	20	1100	30	100	80	17,5	25	32	G 1/8	M 10	M 8	M 10	100	105

Size (Piston-Ø)	d ₁	h ₃ ≈ Unclamped			l ₁	l ₂	m ₁	m ₂	m ₃	t ₁	w ₁		w ₂	Max. tightening torque in Nm
		Type A Type AC	Type B	Type F							Clamping stroke	Stroke		
16	8	107	107	106	11	43	41	41	22	12	8,5	17	8	6
20	12	127	126	126	13	45	48	48	30	14	15	27	15	9
25	14	135	129	134	15,5	55	50	50	38	14	14	27	18	9
32	16	153	147	154	20	68	65	60	45	16	14	30	21	18
40	16	153	150	154	24,5	68	65	70	45	16	15	30	21	18
50	20	172	165	167	31	77	85	80	48	16	15	32	19	35
63	20	170	165	165	38	77	85	90	48	16	15	30	19	35



Specification

- 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
- RoHS

Accessory

- Clamping Arms GN 875.2 → Page 846
- Clamping Arms GN 875.3 → Page 847
- Adapter Flanges GN 875.4 → Page 848
- Sensor GN 3380 → Page 850
- Clamping Screws GN 708.1 → Page 812

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.

see also...

- Fastening and mounting dimensions → Page XYZ
- Swing Clamps GN 876 (with Screw-In Thread) → Page 844

How to order

1 2 3 4
GN 875-50-20-R-B

1 Size

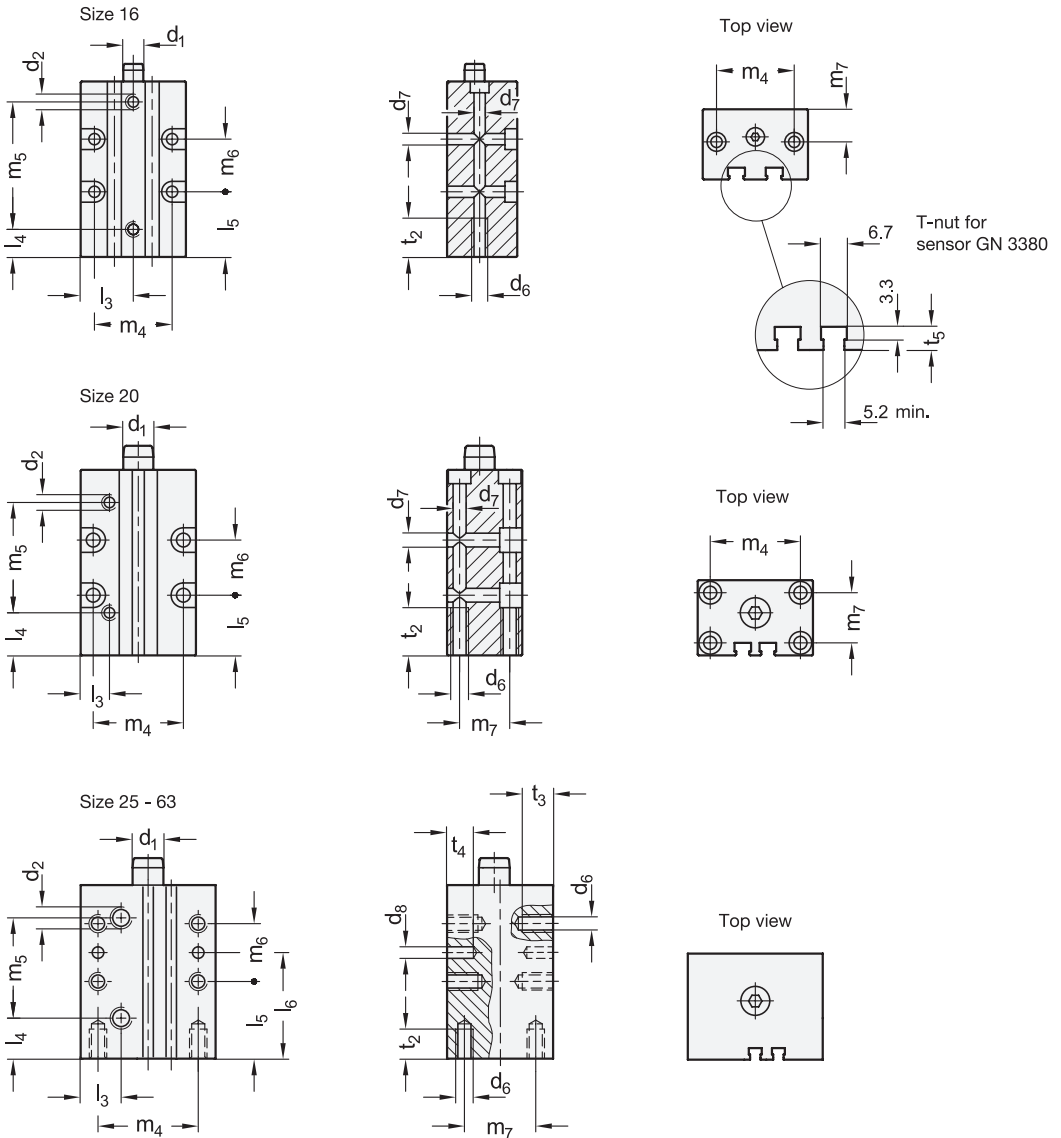
2 d₁

3 Coding

4 Type



Fastening and mounting dimensions



Size (Piston-Ø)	d ₁	d ₆	d ₇	d ₈ H7	l ₃	l ₄	l ₅	l ₆	m ₄	m ₅	m ₆	m ₇	t ₂	t ₃	t ₄	t ₅ ≈
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