

2 Type
BC 2 clamping arms vertical for centred clamping



Size (Piston-Ø)	Max. clamping moment in Nm at 6 bar	F_S in N Clamping force at r at 6 bar	F_H in N Holding capacity at r at 6 bar	a	b -0,2	d₁ h8	d₂	d₃ H8	d₄	d₅	l₁ -0,5	l₂ -0,5	l₃
20	60	630	1150	21	10	28	M 5	7	4,1	M 5	138	160	57,5
32	150	1110	1520	31	12	40	M 6	9	5	G 1/8	206	237	91
40	300	1800	2000	37	16	50	M 8	11	6,8	G 1/8	244	282	104

Size (Piston-Ø)	l₄	l₅	l₆ ≈	m₁ ±0,01	m₂	m₃ ±0,01	m₄	m₅ ±0,01	m₆	r	s₁	s₂	t	w Angle in °
20	24,5	5	89	12	7,5	17	-	22	13	48	32	38	13	66
32	31	6	72,5	18	10	25	51	30	22	67,5	42	42	15	14
40	38	7,5	89,5	22	13	30	62	37	25	82,5	52	52	18	14

Specification

- Steel C45
Chemically nickel plated **NC**
- Max. pressure 10 bar
- ISO Fundamental Tolerances → Page 2151
- RoHS

On request

- With anti-stick coating for protection against welding spray and corrosion



Information

The clamping forces **F_S** of power clamps GN 866 are directed inwards at the clamping arms.

The maximum clamping moment of the power clamps GN 866 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.

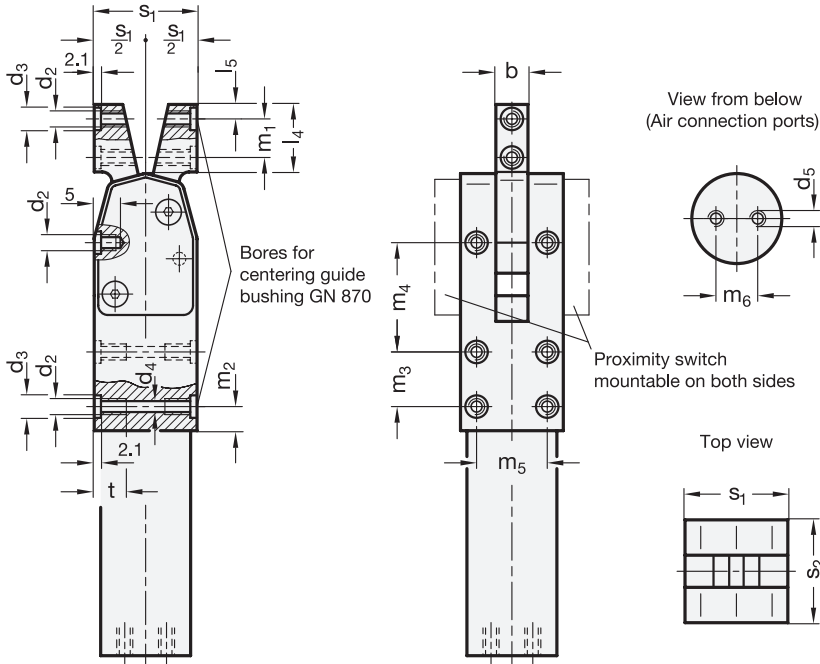
see also...

- Operating Principle, Mounting Methods → Page 820
- Centering Guide Bushings GN 870 → Page 837
- Proximity Switches (to Monitor the End Position) → Page 838
- Other Accessories → Page 828 ff.

How to order

GN 866-20-BC-NC

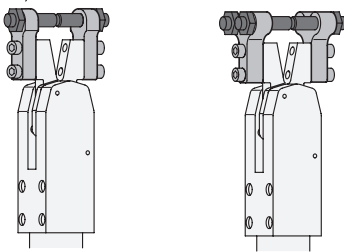
1	Size
2	Type
3	Finish



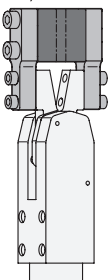
Installation examples

Principle of operation

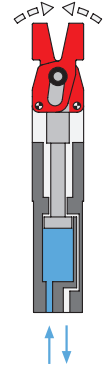
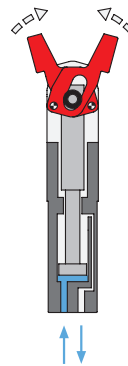
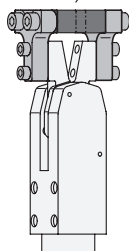
Holder for clamping bolts GN 867



Holder for clamping jaws GN 868



Clamping jaws GN 872



1.1
1.2
1.3
1.4
2.1
2.2
2.3
2.4

