

# GN 866

EXTENDED RANGE

## Power clamps



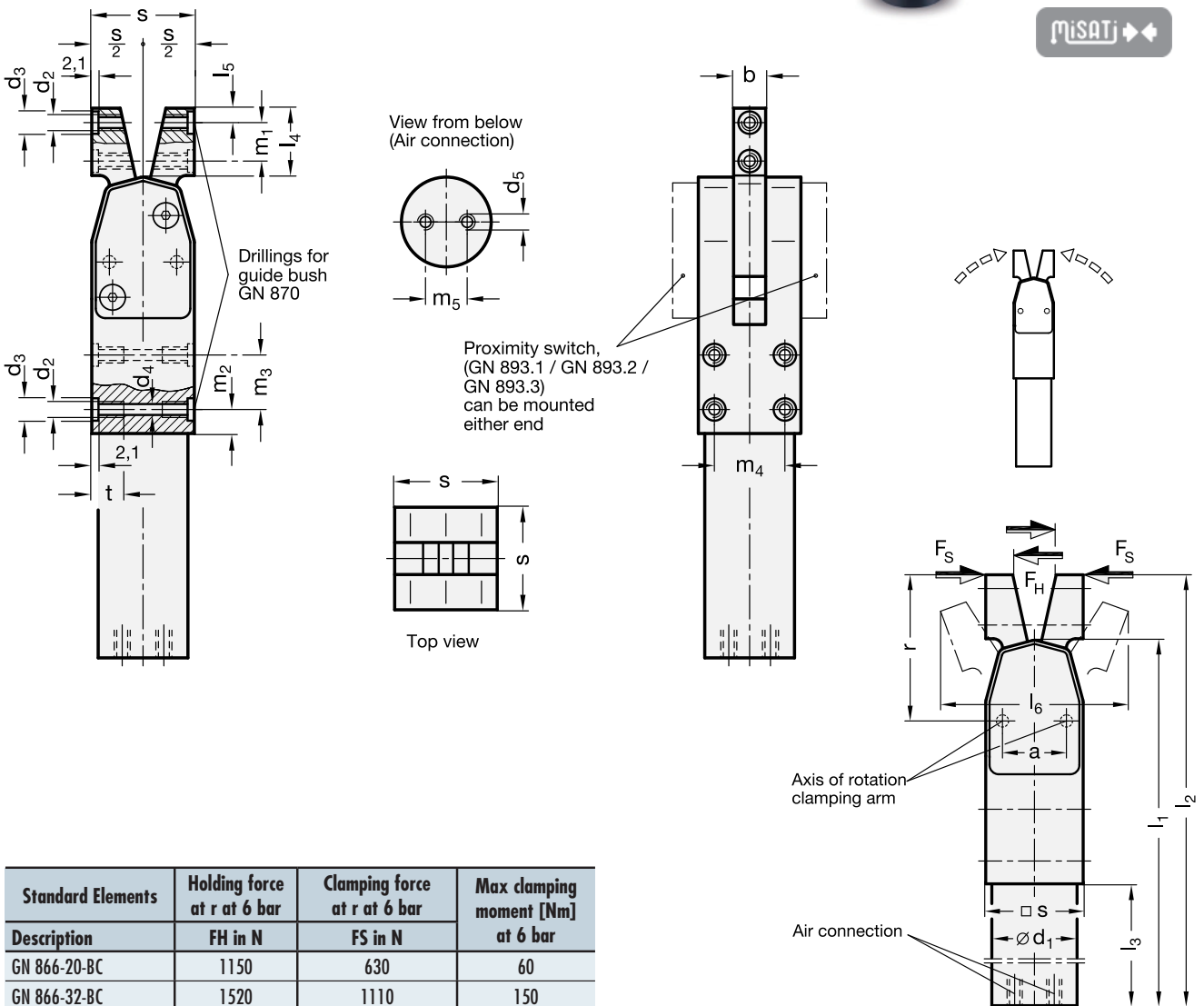
- **Material**  
Black-oxide steel C45.
- **Max. air pressure**  
10 bar.

### Accessories on request to be ordered separately

Guide bushes GN 870 (see page 672) and proximity switches GN 893.1 - GN 893.3 (see page 673) (to indicate end position).

### Features and applications

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.



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Hook, toggle and power clamps

Standard Elements	Holding force at r at 6 bar	Clamping force at r at 6 bar	Max clamping moment [Nm] at 6 bar
Description	FH in N	FS in N	
GN 866-20-BC	1150	630	60
GN 866-32-BC	1520	1110	150
GN 866-40-BC	2000	1800	300

Standard Elements	Main dimensions																						
	Piston size $\varnothing$	a	b -0.2	d1 h8	d2	d3 H8	d4	d5	l1 -0.5	l2 -0.5	l3	l4	l5	l6 $\approx$	m1 $\pm 0.01$	m2	m3 $\pm 0.01$	m4 $\pm 0.01$	m5	r		s	t
GN 866-20-BC	20	21	10	28	M5	7	4.2	M5	150	171	70	21	4.5	45	12	7.5	17	22	13	48	32	13	650
GN 866-32-BC	32	31	12	40	M6	9	5	G 1/8	206	237	91	31	6	72.5	18	10	25	30	22	67.5	42	15	1400
GN 866-40-BC	40	37	16	50	M8	11	6.8	G 1/8	244	282	104	38	7.5	89.5	22	13	30	37	25	82.5	52	18	2900



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