

MATERIAL
Nickel-plated steel.

MAXIMUM WORKING PRESSURE
10 bar.

FEATURES
MM-BI-NK pneumatic fastening clamps are characterized by a "double effect" pneumatic cylinder which transmits a rotating movement to the clamping arm.
The maximum locking momentum is achieved when the clamping arm arrives at the stroke end and through pneumatic actuation only.
Under specific tests the pneumatic fastening clamps showed constant performances for more than 20 million cycles.
See Pneumatic fastening clamp features (on page -).

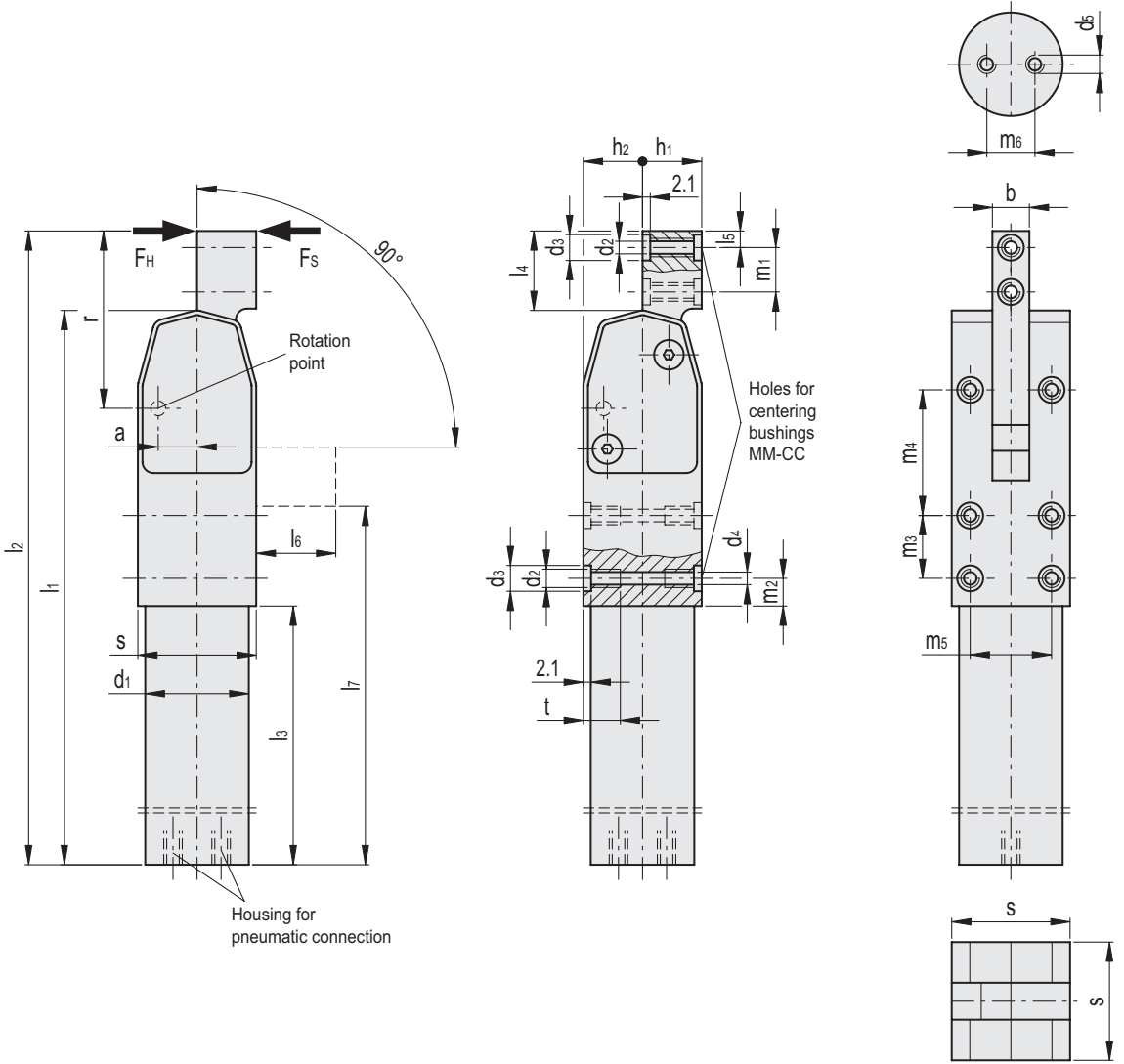
SPECIAL EXECUTIONS ON REQUEST

- Fastening clamps with Teflon coating for high temperature and corrosion applications.
- Fastening clamps with FKM sealing gasket resistant to max working temperatures up to 270°C.
- Fastening clamps with arm rotating movement and locking in the 20° position.
- Fastening clamps with arm rotating movement and locking in the 45° position.

ACCESSORIES ON REQUEST
Brackets, fixing elements and sensors (see table of possible configurations).



Possible configurations of pneumatic fastening clamp MM-BI-NK			
1 x MM-A-RG-NK		1 x MM-A-RG1-NK	
1 x MM-FI-RG-NK		1 x MM-FI-RG1-NK	
1x MM-SI		1x MM-SI	
4 x MM-RG		2 x MM-RG	
1 x MM-A-SC-NK		1 x MM-A-SCL-NK	
1 x MM-FI-SC-NK		1 x MM-FI-SCL-NK	
1 x MM-SI		1 x MM-SI	
2 x MM-SC		2 x MM-SC	
2 x MM-GBK		2 x MM-GBK	



Code	Description	a	b -0.2	d1 h8	d2	d3 H8	d4	d5	h1	h2	l1	l2	l3	l4	l5	l6	l7	l8	s	m1 ±0.01	m2	m3 ±0.01	m4 ±0.01	m5 ±0.01	m6	r	t	FH [N]	Fs [N]	M# [Nm]	Δ
MM.11020-NK	MM-BI-20-NK	10.5	10	28	M5	7	4.2	M5	16	16	150	171	70	21	4.5	21	97	32	12	7.5	17	34	22	13	47.5	13	2300	1250	60	620	
MM.11032-NK	MM-BI-32-NK	15.5	12	40	M6	9	5	G 1/8	21	21	206	237	91	31	6	31	133	42	18	10	25	51	30	22	67.5	15	3040	2220	150	1520	
MM.11040-NK	MM-BI-40-NK	18.5	16	50	M8	11	6.8	G 1/8	26	26	244	282	104	38	7.5	38	155	52	22	13	30	62	37	25	82.5	18	4060	3640	300	2800	
MM.11050-NK	MM-BI-50-NK	21.5	18	60	M10	13	8.5	G 1/8	31	31	279	323	110.5	44	8	44	174	62	27	12	47	71.5	44	35	96.5	21	7200	4900	475	4000	

Maximum tightening moment at 6 bar.