Clamping Elements
For Linear Guides and Shafting

THE **DYNAMICS** OF **MOVEMENT**



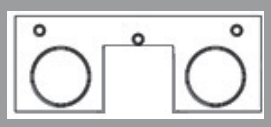
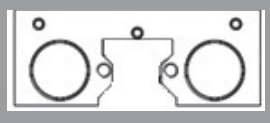
CLAMPING ELEMENTS FROM MATARA:

Matara's range of linear motion clamping elements suit Linear Rail and Shafting, with both manual and pneumatic types available. The Shafting type suits diameters from as small as Ø12 all the way up to Ø60. Furthermore, the Linear Rail type suits linear rail sizes from 9 all the way up to 65.

Clamping Elements Order Example

Code: **FRC** **15** **T** **SE**

Options: 1 2 3 4

Options		Clamping Elements			
1	Series	FRC, FRCDP, FRCDPH,FRCDPM, FRCMC, FRCC, FRCMAN-M LT, FRCCMAN LT, FRCMAN LT			
2	Guide/ Shaft Size	15~65		12~60	
3	Guide Type	**T Type=** 		*Only for FRCDPM **S Type=** 	
4	Clamp Type (Only for linear rail clamps)	**SE** Single action configuration "Normally Open" – Air to close	**SEM** Single action configuration "Normally Closed" – Air to open	**DE** Double action configuration "Normally Open" – Air to close and to open	**DEM** Double action configuration "Normally Closed" – Air to open and to close

FRCC Pneumatic Clamping Elements for Round Bars

The same high performance of FRC line for round guides
The tightening is done using an amplification system with inclined plane.



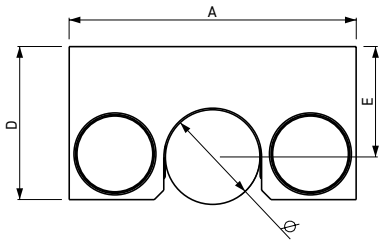
FRCC SE
FRCC DE

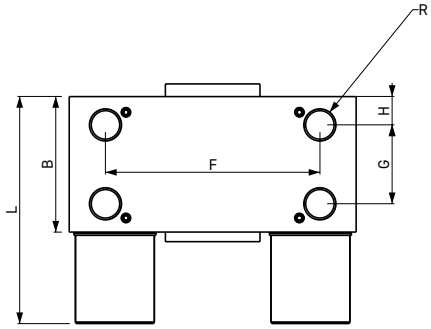
Guide size: 16 ~ 60
Working type: Norm. Open
Body: Steel
Operating Temp: -20°C ~ 80°C
Operating Pressure: 5,5 ~ 8 bar



FRCC SEM
FRCC DEM

Guide size: 16 ~ 60
Working type: Norm. Closed
Body: Steel
Operating Temp: -20°C ~ 80°C
Operating Pressure: 5,5 ~ 8 bar





Model No.	Ø Shaft	Clamping Force (N)				A [mm]	B [mm]	D [mm]	E [mm]	F [mm]	G [mm]	H [mm]	L [mm]	P [mm]	Q [mm]	R	S [mm]	T [mm]
		SEM	SE	DE	DEM													
FRCC	16	400	650	650	1050	55	35	31.5	22	15	15	10	54	11.65	11.65	M5x6	5	5
FRCC	20	600	1000	1000	1600	66	38	36.5	25	45	18	13	60	12.5	12.5	M8x10	13.5	5
FRCC	25	750	1200	1200	1950	77	38.5	43	30	60	20	8	63	10.5	15.5	M10x12	5	5
FRCC	30	1050	1750	1750	2800	91	43	48.5	35	68	25	9	72	16	16	M10x12	5	5
FRCC	40	1500	2300	2300	3800	115	49	63	45	90	26	9	81	20	20	M10x15	5	17
FRCC	50	2000	3000	3000	5000	131	48	70	50	108	30	9	81	21.5	21.5	M10x15	5	5
FRCC	60	2000	3000	3000	5000	141	48	70	50	108	30	9	81	15	15	M10x15	20	17