



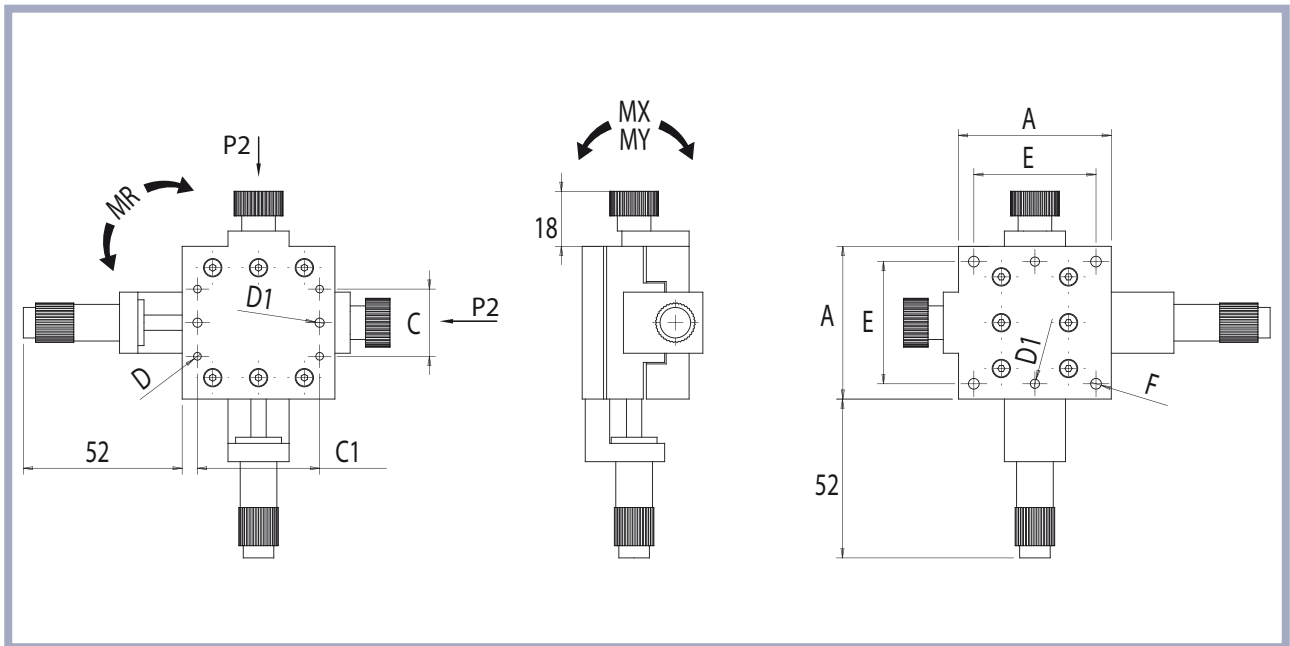
# Positioning tables Series TR

The cross-motion positioning tables Series TR by [Meccanica Besnatese](#) have been designed for the movement on precision cross roller guides and have a structure made of black anodized aluminium alloy.

The Series TR is the ideal solution for item handling processes thanks to its optical instruments, advanced measuring, control and positioning systems as well as precise sensors.

The tables come in 4 different sizes, with travels ranging from 12 to 25 mm. The models of the Series TR3 can be equipped with miniature precision ball screws for motor-driven control with specific motor connections.

# Series TR 2



The tables Series TR2 move via micrometer heads.

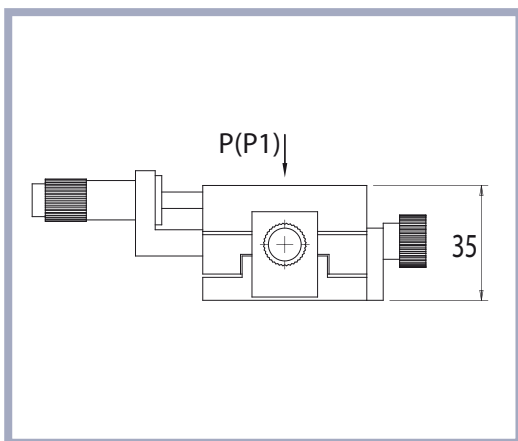
0.01 mm. reading.  $\pm 0.002$  precision. 12x12 mm. travel ( $\pm 6$ ).  $\pm 0.03$  table flatness

Contrast of the head with the magnet.

Admissible loads: P (motionless table) P1 (moving table) P2 (axial thrust)

## Dimensions in mm.

Table model	A	C	C1	C2	D	D1	E	F Ø
TR 2 - 050	50	22	40	11	M3	3H7	40	3,5
TR 2 - 065	65	36	50	18	M3	3H7	55	3,5

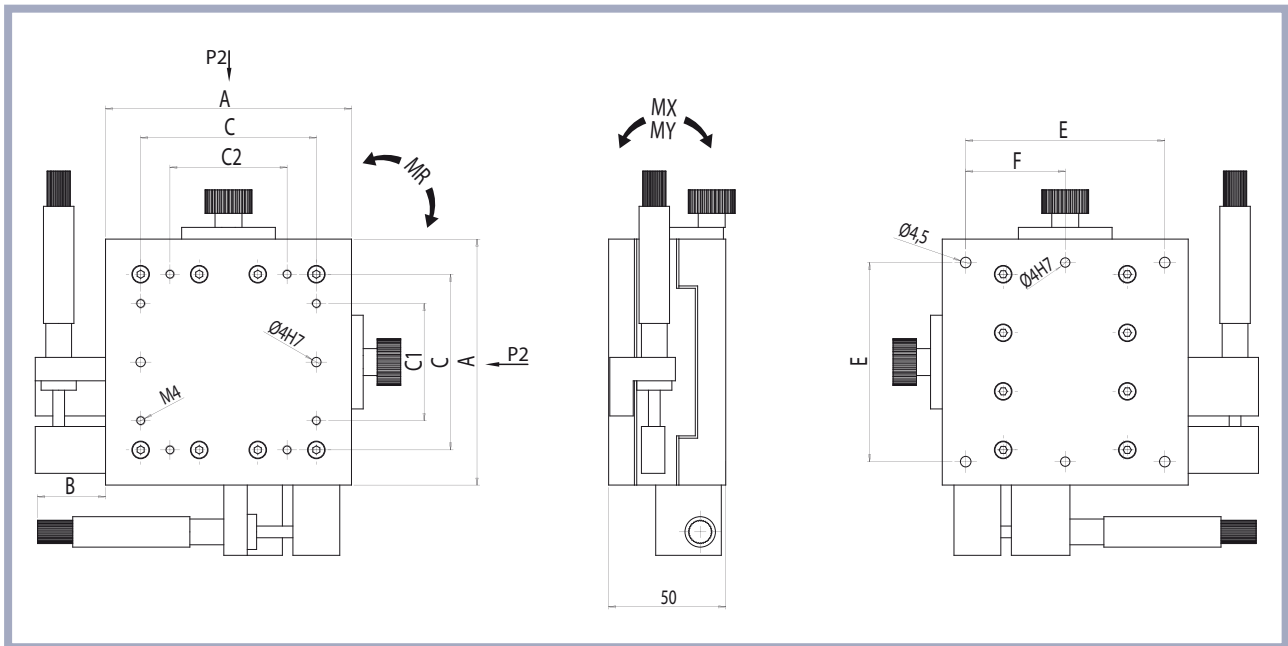


## ADMISSIBLE LOADS AND MOMENTS

Table model	Loads			Moments (Nm)	
	P	P1	P2	MX - MY	MR
TR 2 - 050	250	25	25	1,4	1,8
TR 2 - 065	350	35	35	2	2,9

# Positioning tables series TR

## Series TR 3



The tables Series TR3 move via micrometer heads.

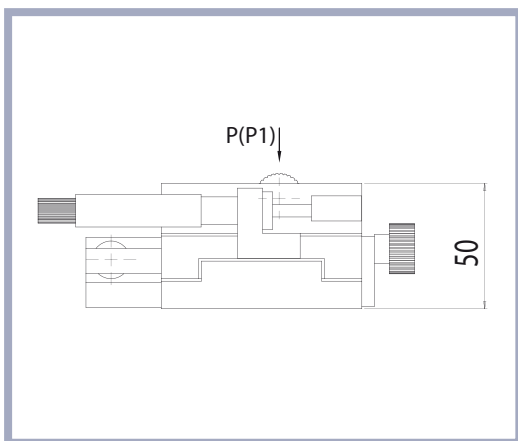
0.01 mm. reading.  $\pm 0.002$  precision. 25x25 mm. travel ( $\pm 12.5$ ).  $\pm 0.03$  table flatness

Contrast of the head with the spring.

Admissible loads: P (motionless table) P1 (moving table) P2 (axial thrust)

### Dimensions in mm.

Table model	A	B	C	C1	C2	E	F
TR 3 - 80	80	50	60	40	30	65	32,5
TR 3 - 105	105	29	75	50	50	85	42,5



### ADMISSIBLE LOADS AND MOMENTS

Table model	Loads			Moments (Nm)	
	P	P1	P2	MX - MY	MR
TR 3 - 80	500	50	50	2,8	3,9
TR 3 - 105	700	70	70	4	5,6





Certified according to  
EN 9100:2018, AS9100D, JISQ 9100:2016  
ISO 9001:2015



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