

Quali sono le tolleranze da rispettare nella realizzazione di un magnete in Neodimio?

Blocco

	Plane view (mm)	Parallelism (mm)	Perpendicularity (mm)
0.5 <L<10	+/-0.03	+/-0.03	0.3 degree for adjacent sides
10 <L<50	+/-0.03	+/-0.05	0.3 degree for adjacent sides
L>50	+/-0.03	+/-0.1	0.3 degree for adjacent sides

Disco

	Cilindricity (mm)	Tolerance (mm)	Parallelism (mm)
1 <D<5	+/-0.02	+/-0.02	+/-0.02
5 <D<25	+/-0.03	+/-0.05	+/-0.05
25<D<50	+/-0.05	+/-0.05	+/-0.05
D>50	+/-0.05	+/-0.1	+/-0.1

Anello

	Cilindricity (mm)	Tolerance (mm)	Parallelism (mm)
1 <D<3	+/-0.02	+/-0.02	+/-0.02
3 <D<5	+/-0.04	+/-0.03	+/-0.05
5<D<15	+/-0.05	+/-0.05	+/-0.05
D>15	+/-0.05	+/-0.05	+/-0.1

Segmento

	Cilindricity (mm)	Tolerance (mm)
Thickness	T<10	+/-0.04
	10 <T<25	+/-0.05
Length	L<10	+/-0.03
	10 <L<25	+/-0.03
	25 <L<63	+/-0.04
	L>63	+/-0.06
Chordal Length	W<63	+/-0.05
	W>63	+/-0.06