

Ceramic Sleeve



Material	Size	Color	Accuracy	Maximum Temperature	Circular Runout	Perpendicularity	Circularity	Parallelism	Applications	RoHS	Aluminum (Al)	Yttrium (Y)	Titanium (Ti)	Oxygen (O)	Carbon(C)	Other impurities less than	Density(g/c m.3)	Hardness(Hv)	Bending strength (Mpa)	Compressive strength (Mpa)	Elastic Modulus (GPa)	Fracture toughness (Mpa.m ^{1/2})	Coefficient of thermal expansion(10 ⁻⁶ /C)
Silicon Nitride (Si3N4)	Black	15x25x30mm	0.008mm	800°C(1472°F)	15um	15um	12um	20um	Chemicals aerospace medicine environmental prot.	Compliant	2.0~3.5%	4.0~5.0%	1.0~1.5%	4.5~6.0%	0.3~0.8%	0.001	≥3.20	1400~1600	>800	>4000	300~315	6~8	2.2~3.0