

Shafts

MISUMI Round Bar Lineup

For Linear Motion applications

Applications	Shafts		
	P.107~		
Related Parts			
	Linear Bushings	Shaft Support	Oil Free Bushing
	P.297	P.229	P.369

When Rotary Shafts are needed

Applications	Rotary Shafts		
	P.879~		
Related Parts			
	Bearings	Timing Pulley	Coupling
	P.927	P.1373	P.1057

When Posts are needed

Applications	Posts		
	P.2111~		
Related Parts			
	Strut Clamp	Stand	Shaft Collar
	P.2111	P.2111	P.263

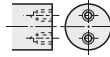
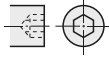
Shafts

(O.D. Tolerance:
g6 / h5 / f8)

Shafts (O.D. Tolerance: g6 / h5 / f8)					
	Product Name Solid	Both Ends Tapped	Both Ends Tapped with Wrench Flats / Cross-Drilled Hole	One End Tapped	One End Tapped with Wrench Flats / Cross-Drilled Hole
	Page 117	119	121	123	125
Full Length Hardness Guaranteed - One End Tapped / Both Ends Tapped	Both Ends Stepped and Tapped / Both Ends Stepped	Both Ends Stepped and Tapped with Wrench Flats	One End Stepped, Both Ends Tapped / One End Stepped, One End Tapped	One End Stepped, Both Ends Tapped with Wrench Flats	One End Stepped and Tapped / One End Stepped
127	129	131	133	135	137
One End Stepped and Tapped with Wrench Flats	One End Threaded, One End Tapped	One End Threaded One End Tapped with Wrench Flats / Cross-Drilled Hole	One End Threaded One End Tapped with Undercut	One End Threaded One End Tapped with Undercut / Wrench Flats / Cross-Drilled Hole	One End Stepped and Threaded, One End Tapped
139	141	143	145	147	149
Both Ends Threaded with O.D. same as Shaft O.D.	Both Ends Threaded	Both Ends Threaded with Wrench Flats / Cross-Drilled Hole	Both Ends Threaded with Undercuts	Both Ends Threaded with Undercuts / Wrench Flats / Cross-Drilled Hole	One End Threaded with O.D. same as Shaft O.D.
151	153	155	157	159	161
One End Threaded	One End Threaded with Wrench Flats / Cross-Drilled Hole	One End Threaded with Undercut	One End Threaded with Undercut / Wrench Flats / Cross-Drilled Hole	One End Stepped and Threaded / Both ends Stepped and Threaded	One End Stepped and Threaded, One End Threaded / One End Stepped, One End Threaded
163	165	167	169	171	173



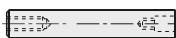
Surface treatment is also applied on machined shaft ends.



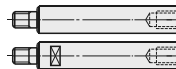
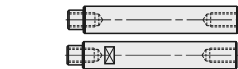
All Surfaces Treated	Set Screw Grooved	Hex Socket	One End Two Tapped Holes	With Retaining Ring Grooves	Keyway
175	177	179	181	183	185



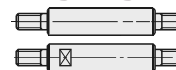
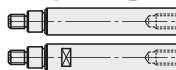
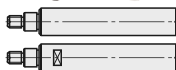
High Precision Linear Shafts
(O.D. Tolerance: g6)
Perpendicularity \perp 0.03
Concentricity \odot 0.02
(Threaded and Stepped)



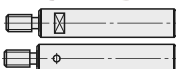
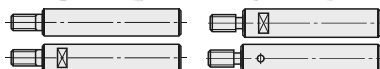
One End Stepped Tapered	Tapped Pilot	Both Ends Tapped / Both Ends Tapped with Wrench Flats	One End Tapped / One End Tapped with Wrench Flats	Both Ends Stepped and Tapped / Both Ends Stepped and Tapped with Wrench Flats
187	189	191	193	195



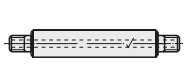
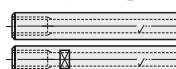
One End Stepped, Both Ends Tapped / One End Stepped, Both Ends Tapped with Wrench Flats	One End Stepped and Tapped / One End Stepped and Tapped with Wrench Flats	One End Threaded One End Tapped / One End Threaded One End Tapped with Wrench Flats	One End Threaded One End Tapped with Undercuts / One End Threaded One End Tapped with Undercuts and Wrench Flats
197	199	201	203



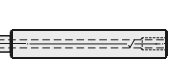
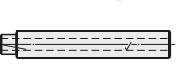
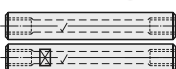
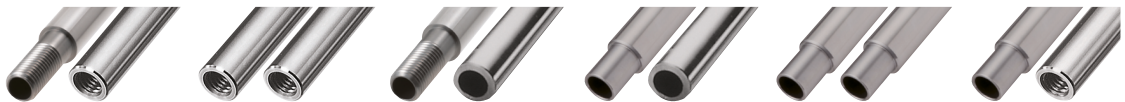
Both Ends Stepped and Threaded / Both Ends Stepped and Threaded with Wrench Flats	One End Stepped and Threaded / One End Stepped and Threaded with Wrench Flats	One End Threaded / One End Threaded with Wrench Flats	Both Ends Threaded / Both Ends Threaded with Wrench Flats	Both Ends Threaded with Undercuts / Both Ends Threaded with Undercuts and Wrench Flats
205	205	205	207	209



Hollow Shafts
(O.D. Tolerance: g6)

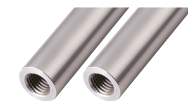


One End Threaded / One End Threaded with Wrench Flats	One End Threaded with Undercuts / One End Threaded with Undercuts and Wrench Flats	Solid	One End Tapped / One End Tapped with Wrench Flats	Both Ends Threaded
211	213	215	215	217



One End Threaded, One End Tapped	Both Ends Tapped / Both Ends Tapped with Wrench Flats	One End Threaded / One End Threaded with Wrench Flats	One End Stepped	Both Ends Stepped	One End Stepped, One End Tapped
218	219	219	221	222	223

Configurable Shafts
(O.D. Tolerance: g6)



Wide variety of shaft-end configurations are available.



Wide variety of shaft-end configurations are available.



Shaft Ends Configurable - Solid	Shaft Ends Configurable - Hollow	Continuous Support - Pre-Drilled and Tapped	End-Washer for Linear Shafts
225	227	224	228