

# Shafts

## Selection Guide

### Shaft Type Selection Chart

Please use hardened shafts (g6/h5) with linear bushings, and plated shafts (f8) with oil-free bushings.

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		Standard	202
One End Tapped	Without wrench flats	Precision Type	204
	With wrench flats	Standard	206
	With crossdrilled holes	Standard	206
Both Ends Tapped	Without wrench flats	Precision Type	208
	With wrench flats	Standard	210
	With crossdrilled holes	Standard	210
One End Tapped / Both Ends Tapped Short Type (Full Length Hardness Guaranteed Shafts)	Without wrench flats	Standard	212
Set Screw Grooved		Without wrench flats	214
Tapped Pilot		Without wrench flats	216
One End Threaded	Without wrench flats	Precision type	220
	With wrench flats	Standard	222
	With crossdrilled holes	Standard	
One End Threaded with Undercut	Without wrench flats	Precision Type	224
	With wrench flats	Standard	226
	With crossdrilled holes	Standard	226
Both Ends Threaded	Without wrench flats	Precision Type	230
	With wrench flats	Standard	232
	With crossdrilled holes	Standard	
Both Ends Threaded with Undercuts	Without wrench flats	Precision Type	234
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	With crossdrilled holes	Standard	236
One End Threaded – One End Tapped	Without wrench flats	Precision Type	238
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	With crossdrilled holes	Standard	240
One End Threaded – One End Tapped with Undercut	Without wrench flats	Precision Type	242
	With wrench flats	Standard	244
	With crossdrilled holes	Standard	244
One End Stepped & Tapped / One End Stepped	Without wrench flats	Precision Type	246
	With wrench flats	Standard	248
Both Ends Stepped & Tapped / Both Ends Stepped	Without wrench flats	Precision Type	250
	With wrench flats	Standard	252
One End Stepped – Both Ends Tapped / One End Stepped – One End Tapped	Without wrench flats	Precision Type	254
	With wrench flats	Standard	256
One End Threaded & Stepped – One End Tapped	Without wrench flats	Precision Type	258
	With wrench flats	Standard	264

# Shafts

## Selection Guide, *continued*

① When used as rotary shafts, please see Rotary Shafts P.852–911.  
 ② When used as a post, please see Posts P.2204–2282.

Shape			Page
One End / Both Ends Stepped & Threaded	Without wrench flats	Precision Type	260
	With wrench flats	Standard	264
One End Stepped & Tapped – One End Threaded / One End Stepped – One End Threaded	Without wrench flats	Standard	262
Surface Treatment Fully Plated Type ① Plating is also applied to shaft ends		Standard	266
With a Hex Socket on One End		Standard	268
Two Tapped Holes on One End		Standard	270
With Retaining Ring Grooves		Standard	272
Keyway		Standard	273
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Hollow Straight Shaft	Without wrench flats	Standard	276
One End Tapped Hollow Shafts		Standard	276
Hollow, Both Ends Tapped		Standard	278
Hollow One End Threaded		Standard	278
Hollow, Both Ends Threaded		Standard	280
Hollow, One End Threaded – One End Tapped		Standard	281
Hollow, One End Stepped		Standard	282
Hollow, Both Ends Stepped		Standard	283
One End Stepped – One End Tapped Hollow Shafts		Standard	284
Predrilled & Tapped Radial Holes for Continuous Support		Standard	285
Shaft End Configurable Type ① Wide variety of shaft-end configurations are available.		Standard	286
Hollow Shaft End Configurable Type ① Wide variety of shaft-end configurations are available.		Standard	288