

Nominal Shaft Dia., in. (mm)	Dia., Small End, in. (mm)		Taper Length, in. (mm)	Keyway Width, in. (mm)			Keyway Side Depth*, in. (mm)			Keyway Fillet Radius ^a , in. (mm)	Thread ^b , in. (mm)		End of Taper to End of Thread, in. (mm)	Extension Beyond Taper, in. (mm)	Undercut, in. (mm)		Dia. of Pin End, in. (mm)	Length of Pin End, in. (mm)	Cotter Pin Hole, in. (mm)		Cotter Pin, in. (mm)		Nuts ^c			Sleeve Dia., in. (mm)		Clearance in. (mm)	Nominal Shaft Dia., in. (mm)			
	Min	Max		Nominal	Min	Max	Nominal	Min	Max		Diameter	Threads per in. (25.4 mm)			J	K			N	P	Nominal Dia., in. (mm)	Length in. (mm)	Size in. (mm)	Plain Thickness in. (mm)	Jam Thickness in. (mm)	Keyway Length in. (mm)	Min			Max		
	A	B																													C	D
3/4 (19.05)	0.624 (15.85)	0.626 (15.90)	2 (50.80)	3/16 (4.76)	0.1865 (4.74)	0.1875 (4.76)	3/32 (2.38)	0.095 (2.41)	0.097 (2.46)	1/32 (0.80)	1/2 (12.70)	13	1-1/16 (26.99)	1-5/16 (33.34)			25/64 (9.92)	1/8 (3.18)	3/8 (9.53)	1/4 (6.35)	1-9/64 (28.97)	9/64 (3.57)	1/8 (3.18)	3/4 (19.05)	1/2-13 (12.7-330.2)	1/2 (12.70)	5/16 (7.94)	1-1/2 (38.10)	—	—	—	3/4 (19.05)

- a Keyway shall be cut parallel to taper.
- b Fillets are recommended for keyways in shafts through 2" (50.8 mm) in diameter. Fillets are mandatory for shafts above 2" (50.8 mm) in diameter.
- c Threads are Unified and American Standard, Class 3A.
- d Nuts are to be semifinished stock. American Standard B18.2.

