



DESIGNATION			PIN and BOX		PIN						BOX					
			GENERAL		REGULAR		SPECIAL CLEARANCE		GENERAL		REGULAR		SPECIAL CLEARANCE		GENERAL	
DIAMETER	WEIGHT	PRODUCT	MINIMUM LENGTH	ADD. LENGTH 1 RECUT	OUTSIDE DIAMETER min	OUTSIDE DIAMETER max	OUTSIDE DIAMETER min	OUTSIDE DIAMETER max	INSIDE DIAMETER min	INSIDE DIAMETER max	OUTSIDE DIAMETER min	OUTSIDE DIAMETER max	OUTSIDE DIAMETER min	OUTSIDE DIAMETER max	INSIDE DIAMETER min	INSIDE DIAMETER max
in.	lb/ft	---	inch (mm)	inch (mm)	inch (mm)	inch (mm)	inch (mm)	inch (mm)	inch (mm)	inch (mm)	inch (mm)	inch (mm)	inch (mm)	inch (mm)	inch (mm)	inch (mm)
2.375	4.70	TSH W501 & TSH W503	4.250	1.750	2.647	2.667	na	na	1.935	1.955	2.647	2.667	na	na	na	1.995
			(107.95)	(44.45)	(67.23)	(67.74)	(na)	(na)	(49.15)	(49.66)	(67.23)	(67.74)	(na)	(na)	(na)	(50.67)
2.875	6.50	TSH W501 & TSH W503	4.250	1.750	3.169	3.189	na	na	2.381	2.401	3.182	3.202	na	na	na	2.441
			(107.95)	(44.45)	(80.49)	(81.00)	(na)	(na)	(60.48)	(60.99)	(80.82)	(81.33)	(na)	(na)	(na)	(62.00)
3.500	9.30	TSH W501 & TSH W503	4.250	1.750	3.817	3.837	na	na	2.932	2.952	3.876	3.896	na	na	na	2.992
			(107.95)	(44.45)	(96.95)	(97.46)	(na)	(na)	(74.47)	(74.98)	(98.45)	(98.96)	(na)	(na)	(na)	(76.00)
4.000	11.00	TSH W501 & TSH W503	4.250	1.750	4.326	4.346	na	na	3.416	3.436	4.396	4.416	na	na	na	3.476
			(107.95)	(44.45)	(109.88)	(110.39)	(na)	(na)	(86.77)	(87.27)	(111.66)	(112.17)	(na)	(na)	(na)	(88.29)
4.500	11.60	TSH W501 & TSH W503	4.250	1.750	4.819	4.839	na	na	3.940	3.960	4.881	4.901	na	na	na	4.000
	(107.95)	(44.45)	(122.40)	(122.91)	(na)	(na)	(100.08)	(100.58)	(123.98)	(124.49)	(na)	(na)	(na)	(na)	(101.60)	
4.500	12.75	TSH W501 & TSH W503	4.250	1.750	4.836	4.856	na	na	3.898	3.918	4.916	4.936	na	na	na	3.958
	(107.95)	(44.45)	(122.83)	(123.34)	(na)	(na)	(99.01)	(99.52)	(124.87)	(125.37)	(na)	(na)	(na)	(na)	(100.53)	

BLANK OD and ID: The nominal blank ODs and IDs in the Pin Diameters and Box Diameters columns are finished product dimensions. When this minimum material is supplied, the blank OD and the blank ID must be true to each other within 0.010" TIR (Total Indicator Runout). If the blank dimensions are not true to each other within 0.010" TIR, but sufficient material is available, the part may still be suitable for threading. If sufficient material is not available, the part will be returned unthreaded.

na: Not Applicable.

Blank spaces indicate product not currently available.