

# TenarisHydril MS28™ Blanking Dimensions



DESIGNATION			PIN and BOX		PIN				BOX							
			GENERAL		GENERAL				REGULAR		MATCHED STRENGTH		SPECIAL CLEARANCE		GENERAL	
DIAMETER	WEIGHT	PRODUCT	MINIMUM LENGTH	ADD. LENGTH 1 RECURT	OUTSIDE DIAMETER min	OUTSIDE DIAMETER max	INSIDE DIAMETER min	INSIDE DIAMETER max	OUTSIDE DIAMETER min	OUTSIDE 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	4.60	TSH MS28	3.937 (100.00)	2.244 (57.00)	2.375 (60.33)	2.407 (61.13)	1.949 (49.50)	1.965 (49.90)	2.687 (68.25)	2.719 (69.05)	2.654 (67.40)	2.685 (68.20)	na (na)	na (na)	1.937 (49.20)	1.953 (49.60)
	5.10	TSH MS28	3.937 (100.00)	2.244 (57.00)	2.375 (60.33)	2.407 (61.13)	1.931 (49.05)	1.947 (49.45)	2.740 (69.60)	2.772 (70.40)	2.697 (68.50)	2.728 (69.30)	na (na)	na (na)	1.937 (49.20)	1.953 (49.60)
	5.80	TSH MS28	3.937 (100.00)	2.244 (57.00)	2.375 (60.33)	2.407 (61.13)	1.859 (47.22)	1.875 (47.62)	2.811 (71.40)	2.843 (72.20)	2.744 (69.70)	2.776 (70.50)	na (na)	na (na)	1.906 (48.40)	1.921 (48.80)
	6.30	TSH MS28	3.937 (100.00)	2.244 (57.00)	2.375 (60.33)	2.407 (61.13)	1.807 (45.90)	1.823 (46.30)	2.811 (71.40)	2.843 (72.20)	2.780 (70.60)	2.811 (71.40)	na (na)	na (na)	1.886 (47.90)	1.902 (48.30)
	6.60	TSH MS28	3.937 (100.00)	2.244 (57.00)	2.375 (60.33)	2.407 (61.13)	1.777 (45.14)	1.793 (45.54)	2.811 (71.40)	2.843 (72.20)	2.799 (71.10)	2.831 (71.90)	na (na)	na (na)	1.886 (47.90)	1.902 (48.30)
	7.35	TSH MS28	3.937 (100.00)	2.244 (57.00)	2.375 (60.33)	2.407 (61.13)	1.695 (43.06)	1.711 (43.46)	2.811 (71.40)	2.843 (72.20)	2.850 (72.40)	2.882 (73.20)	na (na)	na (na)	1.850 (47.00)	1.866 (47.40)
2.875	6.40	TSH MS28	4.173 (106.00)	2.244 (57.00)	2.875 (73.03)	2.907 (73.83)	2.425 (61.60)	2.441 (62.00)	3.228 (82.00)	3.260 (82.80)	3.193 (81.10)	3.224 (81.90)	na (na)	na (na)	2.413 (61.30)	2.429 (61.70)
	7.70	TSH MS28	4.173 (106.00)	2.244 (57.00)	2.875 (73.03)	2.907 (73.83)	2.315 (58.80)	2.331 (59.20)	3.339 (84.80)	3.370 (85.60)	3.280 (83.30)	3.311 (84.10)	na (na)	na (na)	2.394 (60.80)	2.409 (61.20)
	8.60	TSH MS28	4.173 (106.00)	2.244 (57.00)	2.875 (73.03)	2.907 (73.83)	2.251 (57.18)	2.267 (57.58)	3.390 (86.10)	3.421 (86.90)	3.323 (84.40)	3.354 (85.20)	na (na)	na (na)	2.315 (58.80)	2.331 (59.20)
3.500	7.70	TSH MS28	4.488 (114.00)	2.402 (61.00)	3.500 (88.90)	3.531 (89.70)	3.043 (77.30)	3.059 (77.70)	3.921 (99.60)	3.953 (100.40)	3.819 (97.00)	3.850 (97.80)	na (na)	na (na)	3.031 (77.00)	3.047 (77.40)
	9.20	TSH MS28	4.488 (114.00)	2.402 (61.00)	3.500 (88.90)	3.531 (89.70)	2.984 (75.80)	3.000 (76.20)	3.921 (99.60)	3.953 (100.40)	3.878 (98.50)	3.909 (99.30)	na (na)	na (na)	2.976 (75.60)	2.992 (76.00)
	10.20	TSH MS28	4.488 (114.00)	2.402 (61.00)	3.500 (88.90)	3.531 (89.70)	2.914 (74.02)	2.930 (74.42)	3.984 (101.20)	4.016 (102.00)	3.929 (99.80)	3.961 (100.60)	na (na)	na (na)	2.949 (74.90)	2.965 (75.30)
	12.70	TSH MS28	4.488 (114.00)	2.402 (61.00)	3.500 (88.90)	3.531 (89.70)	2.742 (69.65)	2.758 (70.05)	4.126 (104.80)	4.157 (105.60)	4.051 (102.90)	4.083 (103.70)	na (na)	na (na)	2.846 (72.30)	2.862 (72.70)
4.000	8.20	TSH MS28	4.882 (124.00)	2.402 (61.00)	4.000 (101.60)	4.031 (102.40)	3.567 (90.60)	3.583 (91.00)	4.425 (112.40)	4.457 (113.20)	4.295 (109.10)	4.327 (109.90)	na (na)	na (na)	3.555 (90.30)	3.571 (90.70)
	9.50	TSH MS28	4.882 (124.00)	2.402 (61.00)	4.000 (101.60)	4.031 (102.40)	3.528 (89.60)	3.543 (90.00)	4.425 (112.40)	4.457 (113.20)	4.327 (109.90)	4.358 (110.70)	na (na)	na (na)	3.516 (89.30)	3.531 (89.70)
	10.90	TSH MS28	4.882 (124.00)	2.402 (61.00)	4.000 (101.60)	4.031 (102.40)	3.468 (88.09)	3.484 (88.49)	4.425 (112.40)	4.457 (113.20)	4.386 (111.40)	4.417 (112.20)	na (na)	na (na)	3.457 (87.80)	3.472 (88.20)
	13.20	TSH MS28	4.882 (124.00)	2.402 (61.00)	4.000 (101.60)	4.031 (102.40)	3.332 (84.64)	3.348 (85.04)	4.551 (115.60)	4.583 (116.40)	4.492 (114.10)	4.524 (114.90)	na (na)	na (na)	3.398 (86.30)	3.413 (86.70)
	14.85	TSH MS28	4.882 (124.00)	2.402 (61.00)	4.000 (101.60)	4.031 (102.40)	3.232 (82.10)	3.248 (82.50)	4.650 (118.10)	4.681 (118.90)	4.563 (115.90)	4.594 (116.70)	na (na)	na (na)	3.339 (84.80)	3.354 (85.20)
	16.10	TSH MS28	4.882 (124.00)	2.402 (61.00)	4.000 (101.60)	4.031 (102.40)	3.162 (80.32)	3.178 (80.72)	4.650 (118.10)	4.681 (118.90)	4.610 (117.10)	4.642 (117.90)	na (na)	na (na)	3.319 (84.30)	3.335 (84.70)
	16.50	TSH MS28	4.882 (124.00)	2.402 (61.00)	4.000 (101.60)	4.031 (102.40)	3.132 (79.56)	3.148 (79.96)	4.650 (118.10)	4.681 (118.90)	4.634 (117.70)	4.665 (118.50)	na (na)	na (na)	3.319 (84.30)	3.335 (84.70)
4.500	10.50	TSH MS28	5.276 (134.00)	2.402 (61.00)	4.500 (114.30)	4.545 (115.44)	4.000 (101.60)	4.016 (102.00)	4.906 (124.60)	4.937 (125.40)	4.874 (123.80)	4.906 (124.60)	4.858 (123.40)	4.890 (124.20)	3.988 (101.30)	4.004 (101.70)
	11.60	TSH MS28	5.276 (134.00)	2.402 (61.00)	4.500 (114.30)	4.545 (115.44)	3.992 (101.40)	4.008 (101.80)	4.906 (124.60)	4.937 (125.40)	4.874 (123.80)	4.906 (124.60)	4.858 (123.40)	4.890 (124.20)	3.988 (101.30)	4.004 (101.70)
	12.60	TSH MS28	5.276 (134.00)	2.402 (61.00)	4.500 (114.30)	4.545 (115.44)	3.950 (100.33)	3.966 (100.73)	4.945 (125.60)	4.976 (126.40)	4.890 (124.20)	4.921 (125.00)	4.858 (123.40)	4.890 (124.20)	3.988 (101.30)	4.004 (101.70)
	13.50	TSH MS28	5.276 (134.00)	2.402 (61.00)	4.500 (114.30)	4.545 (115.44)	3.912 (99.37)	3.928 (99.77)	4.984 (126.60)	5.016 (127.40)	4.917 (124.90)	4.949 (125.70)	4.858 (123.40)	4.890 (124.20)	3.988 (101.30)	4.004 (101.70)
	15.10	TSH MS28	5.276 (134.00)	2.402 (61.00)	4.500 (114.30)	4.545 (115.44)	3.818 (96.98)	3.834 (97.38)	5.063 (128.60)	5.094 (129.40)	4.992 (126.80)	5.024 (127.60)	4.858 (123.40)	4.890 (124.20)	3.937 (100.00)	3.953 (100.40)
	16.90	TSH MS28	5.276 (134.00)	2.402 (61.00)	4.500 (114.30)	4.545 (115.44)	3.732 (94.80)	3.748 (95.20)	5.063 (128.60)	5.094 (129.40)	5.055 (128.40)	5.087 (129.20)	4.858 (123.40)	4.890 (124.20)	3.909 (99.30)	3.925 (99.70)
	17.70	TSH MS28	5.276 (134.00)	2.402 (61.00)	4.500 (114.30)	4.545 (115.44)	3.688 (93.68)	3.704 (94.08)	5.063 (128.60)	5.094 (129.40)	5.091 (129.30)	5.122 (130.10)	4.858 (123.40)	4.890 (124.20)	3.909 (99.30)	3.925 (99.70)
	18.90	TSH MS28	5.276 (134.00)	2.402 (61.00)	4.500 (114.30)	4.545 (115.44)	3.632 (92.26)	3.648 (92.66)	5.063 (128.60)	5.094 (129.40)	5.130 (130.30)	5.161 (131.10)	4.858 (123.40)	4.890 (124.20)	3.882 (98.60)	3.898 (99.00)
	21.50	TSH MS28	5.276 (134.00)	2.402 (61.00)	4.500 (114.30)	4.545 (115.44)	3.492 (88.70)	3.508 (89.10)	5.063 (128.60)	5.094 (129.40)	5.224 (132.70)	5.256 (133.50)	4.858 (123.40)	4.890 (124.20)	3.839 (97.50)	3.854 (97.90)
	24.60	TSH MS28	5.276 (134.00)	2.402 (61.00)	4.500 (114.30)	4.545 (115.44)	3.372 (85.65)	3.388 (86.05)	5.063 (128.60)	5.094 (129.40)	5.303 (134.70)	5.335 (135.50)	4.858 (123.40)	4.890 (124.20)	3.799 (96.50)	3.815 (96.90)

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DESIGNATION			PIN and BOX		PIN				BOX							
			GENERAL		GENERAL				REGULAR		MATCHED STRENGTH		SPECIAL CLEARANCE		GENERAL	
DIAMETER	WEIGHT	PRODUCT	MINIMUM LENGTH	ADD. LENGTH 1 RECURT	OUTSIDE DIAMETER min	OUTSIDE DIAMETER max	INSIDE DIAMETER min	INSIDE DIAMETER max	OUTSIDE DIAMETER min	OUTSIDE 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)
5.000	13.00	TSH MS28	5.512 (140.00)	2.402 (61.00)	5.016 (127.40)	5.050 (128.27)	4.472 (113.60)	4.488 (114.00)	5.496 (139.60)	5.528 (140.40)	5.374 (136.50)	5.413 (137.50)	5.358 (136.10)	5.406 (137.30)	4.461 (113.30)	4.476 (113.70)
	15.00	TSH MS28	5.512 (140.00)	2.402 (61.00)	5.016 (127.40)	5.050 (128.27)	4.400 (111.76)	4.416 (112.16)	5.496 (139.60)	5.528 (140.40)	5.437 (138.10)	5.476 (139.10)	5.358 (136.10)	5.406 (137.30)	4.461 (113.30)	4.476 (113.70)
	18.00	TSH MS28	5.512 (140.00)	2.402 (61.00)	5.016 (127.40)	5.050 (128.27)	4.268 (108.41)	4.284 (108.81)	5.614 (142.60)	5.646 (143.40)	5.543 (140.80)	5.583 (141.80)	5.358 (136.10)	5.406 (137.30)	4.343 (110.30)	4.358 (110.70)
	20.30	TSH MS28	5.512 (140.00)	2.402 (61.00)	5.016 (127.40)	5.050 (128.27)	4.176 (106.07)	4.192 (106.47)	5.614 (142.60)	5.646 (143.40)	5.610 (142.50)	5.650 (143.50)	5.358 (136.10)	5.406 (137.30)	4.343 (110.30)	4.358 (110.70)
	20.80	TSH MS28	5.512 (140.00)	2.402 (61.00)	5.016 (127.40)	5.050 (128.27)	4.148 (105.36)	4.164 (105.76)	5.740 (145.80)	5.772 (146.60)	5.634 (143.10)	5.673 (144.10)	5.358 (136.10)	5.406 (137.30)	4.343 (110.30)	4.358 (110.70)
	21.40	TSH MS28	5.512 (140.00)	2.402 (61.00)	5.016 (127.40)	5.050 (128.27)	4.118 (104.60)	4.134 (105.00)	5.740 (145.80)	5.772 (146.60)	5.654 (143.60)	5.693 (144.60)	5.358 (136.10)	5.406 (137.30)	4.343 (110.30)	4.358 (110.70)
	23.20	TSH MS28	5.512 (140.00)	2.402 (61.00)	5.016 (127.40)	5.050 (128.27)	4.036 (102.52)	4.052 (102.92)	5.740 (145.80)	5.772 (146.60)	5.713 (145.10)	5.752 (146.10)	5.358 (136.10)	5.406 (137.30)	4.343 (110.30)	4.358 (110.70)
	24.10	TSH MS28	5.512 (140.00)	2.402 (61.00)	5.016 (127.40)	5.050 (128.27)	3.992 (101.40)	4.008 (101.80)	5.740 (145.80)	5.772 (146.60)	5.744 (145.90)	5.783 (146.90)	5.358 (136.10)	5.406 (137.30)	4.343 (110.30)	4.358 (110.70)
5.500	15.50	TSH MS28	5.512 (140.00)	2.402 (61.00)	5.516 (140.10)	5.555 (141.10)	4.942 (125.53)	4.958 (125.93)	6.028 (153.10)	6.059 (153.90)	5.906 (150.00)	5.945 (151.00)	5.858 (148.80)	5.906 (150.00)	4.953 (125.80)	4.969 (126.20)
	17.00	TSH MS28	5.512 (140.00)	2.402 (61.00)	5.516 (140.10)	5.555 (141.10)	4.884 (124.06)	4.900 (124.46)	6.028 (153.10)	6.059 (153.90)	5.957 (151.30)	5.996 (152.30)	5.858 (148.80)	5.906 (150.00)	4.953 (125.80)	4.969 (126.20)
	20.00	TSH MS28	5.512 (140.00)	2.402 (61.00)	5.516 (140.10)	5.555 (141.10)	4.770 (121.16)	4.786 (121.56)	6.130 (155.70)	6.161 (156.50)	6.047 (153.60)	6.087 (154.60)	5.858 (148.80)	5.906 (150.00)	4.835 (122.80)	4.850 (123.20)
	23.00	TSH MS28	5.512 (140.00)	2.402 (61.00)	5.516 (140.10)	5.555 (141.10)	4.662 (118.42)	4.678 (118.82)	6.130 (155.70)	6.161 (156.50)	6.130 (155.70)	6.169 (156.70)	5.858 (148.80)	5.906 (150.00)	4.835 (122.80)	4.850 (123.20)
	26.00	TSH MS28	5.512 (140.00)	2.402 (61.00)	5.516 (140.10)	5.555 (141.10)	4.540 (115.32)	4.556 (115.72)	6.244 (158.60)	6.276 (159.40)	6.220 (158.00)	6.260 (159.00)	5.858 (148.80)	5.906 (150.00)	4.835 (122.80)	4.850 (123.20)
	26.80	TSH MS28	5.512 (140.00)	2.402 (61.00)	5.516 (140.10)	5.555 (141.10)	4.492 (114.10)	4.508 (114.50)	6.244 (158.60)	6.276 (159.40)	6.256 (158.90)	6.295 (159.90)	5.858 (148.80)	5.906 (150.00)	4.835 (122.80)	4.850 (123.20)
	28.40	TSH MS28	5.512 (140.00)	2.402 (61.00)	5.516 (140.10)	5.555 (141.10)	4.432 (112.58)	4.448 (112.98)	6.331 (160.80)	6.362 (161.60)	6.299 (160.00)	6.339 (161.00)	5.858 (148.80)	5.906 (150.00)	4.783 (121.50)	4.799 (121.90)
	29.70	TSH MS28	5.512 (140.00)	2.402 (61.00)	5.516 (140.10)	5.555 (141.10)	4.368 (110.95)	4.384 (111.35)	6.331 (160.80)	6.362 (161.60)	6.343 (161.10)	6.382 (162.10)	5.858 (148.80)	5.906 (150.00)	4.783 (121.50)	4.799 (121.90)
32.60	TSH MS28	5.512 (140.00)	2.402 (61.00)	5.516 (140.10)	5.555 (141.10)	4.242 (107.75)	4.258 (108.15)	6.402 (162.60)	6.433 (163.40)	6.429 (163.30)	6.469 (164.30)	5.858 (148.80)	5.906 (150.00)	4.744 (120.50)	4.760 (120.90)	
6.625	24.00	TSH MS28	5.039 (128.00)	1.911 (48.53)	6.642 (168.70)	6.692 (169.98)	5.909 (150.09)	5.933 (150.69)	7.370 (187.20)	7.409 (188.20)	7.110 (180.60)	7.150 (181.60)	6.984 (177.40)	7.031 (178.60)	5.965 (151.50)	5.988 (152.10)
	28.00	TSH MS28	5.039 (128.00)	1.911 (48.53)	6.642 (168.70)	6.692 (169.98)	5.779 (146.79)	5.803 (147.39)	7.370 (187.20)	7.409 (188.20)	7.217 (183.30)	7.256 (184.30)	6.984 (177.40)	7.031 (178.60)	5.890 (149.60)	5.913 (150.20)
	32.00	TSH MS28	5.039 (128.00)	1.911 (48.53)	6.642 (168.70)	6.692 (169.98)	5.663 (143.85)	5.687 (144.45)	7.370 (187.20)	7.409 (188.20)	7.307 (185.60)	7.346 (186.60)	6.984 (177.40)	7.031 (178.60)	5.843 (148.40)	5.866 (149.00)
	35.00	TSH MS28	5.039 (128.00)	1.911 (48.53)	6.642 (168.70)	6.692 (169.98)	5.563 (141.31)	5.587 (141.91)	7.370 (187.20)	7.409 (188.20)	7.382 (187.50)	7.421 (188.50)	6.984 (177.40)	7.031 (178.60)	5.803 (147.40)	5.827 (148.00)
7.000	23.00	TSH MS28	5.157 (131.00)	1.911 (48.53)	7.016 (178.20)	7.070 (179.58)	6.354 (161.40)	6.378 (162.00)	7.638 (194.00)	7.677 (195.00)	7.417 (188.40)	7.457 (189.40)	7.358 (186.90)	7.406 (188.10)	6.374 (161.90)	6.398 (162.50)
	24.75	TSH MS28	5.157 (131.00)	1.911 (48.53)	7.016 (178.20)	7.070 (179.58)	6.302 (160.08)	6.326 (160.68)	7.638 (194.00)	7.677 (195.00)	7.461 (189.50)	7.500 (190.50)	7.358 (186.90)	7.406 (188.10)	6.335 (160.90)	6.358 (161.50)
	26.00	TSH MS28	5.157 (131.00)	1.911 (48.53)	7.016 (178.20)	7.070 (179.58)	6.264 (159.11)	6.288 (159.71)	7.638 (194.00)	7.677 (195.00)	7.492 (190.30)	7.531 (191.30)	7.358 (186.90)	7.406 (188.10)	6.295 (159.90)	6.319 (160.50)
	29.00	TSH MS28	5.157 (131.00)	1.911 (48.53)	7.016 (178.20)	7.070 (179.58)	6.172 (156.77)	6.196 (157.37)	7.638 (194.00)	7.677 (195.00)	7.567 (192.20)	7.606 (193.20)	7.358 (186.90)	7.406 (188.10)	6.295 (159.90)	6.319 (160.50)
	32.00	TSH MS28	5.157 (131.00)	1.911 (48.53)	7.016 (178.20)	7.070 (179.58)	6.082 (154.49)	6.106 (155.09)	7.638 (194.00)	7.677 (195.00)	7.642 (194.10)	7.681 (195.10)	7.358 (186.90)	7.406 (188.10)	6.295 (159.90)	6.319 (160.50)
	35.00	TSH MS28	5.157 (131.00)	1.911 (48.53)	7.016 (178.20)	7.070 (179.58)	5.992 (152.20)	6.016 (152.80)	7.776 (197.50)	7.815 (198.50)	7.713 (195.90)	7.752 (196.90)	7.358 (186.90)	7.406 (188.10)	6.295 (159.90)	6.319 (160.50)
	38.00	TSH MS28	5.157 (131.00)	1.911 (48.53)	7.016 (178.20)	7.070 (179.58)	5.908 (150.07)	5.932 (150.67)	7.776 (197.50)	7.815 (198.50)	7.776 (197.50)	7.815 (198.50)	7.358 (186.90)	7.406 (188.10)	6.295 (159.90)	6.319 (160.50)
	41.00	TSH MS28	5.157 (131.00)	1.911 (48.53)	7.016 (178.20)	7.070 (179.58)	5.808 (147.53)	5.832 (148.13)	7.835 (199.00)	7.874 (200.00)	7.850 (199.40)	7.890 (200.40)	7.358 (186.90)	7.406 (188.10)	6.138 (155.90)	6.161 (156.50)

# TenarisHydril MS28™ Blanking Dimensions



DESIGNATION			PIN and BOX		PIN				BOX							
			GENERAL		GENERAL				REGULAR		MATCHED STRENGTH		SPECIAL CLEARANCE		GENERAL	
DIAMETER	WEIGHT	PRODUCT	MINIMUM LENGTH	ADD. LENGTH 1 RECURT	OUTSIDE DIAMETER min	OUTSIDE DIAMETER max	INSIDE DIAMETER min	INSIDE DIAMETER max	OUTSIDE DIAMETER min	OUTSIDE 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)
8.625	32.00	TSH MS28	5.472 (139.00)	1.911 (48.53)	8.642 (219.50)	8.712 (221.29)	7.909 (200.89)	7.933 (201.49)	9.606 (244.00)	9.646 (245.00)	9.126 (231.80)	9.165 (232.80)	9.110 (231.40)	9.157 (232.60)	7.933 (201.50)	7.957 (202.10)
	36.00	TSH MS28	5.472 (139.00)	1.911 (48.53)	8.642 (219.50)	8.712 (221.29)	7.813 (198.46)	7.837 (199.06)	9.606 (244.00)	9.646 (245.00)	9.169 (232.90)	9.209 (233.90)	9.110 (231.40)	9.157 (232.60)	7.843 (199.20)	7.866 (199.80)
	40.00	TSH MS28	5.472 (139.00)	1.911 (48.53)	8.642 (219.50)	8.712 (221.29)	7.713 (195.92)	7.737 (196.52)	9.606 (244.00)	9.646 (245.00)	9.252 (235.00)	9.291 (236.00)	9.110 (231.40)	9.157 (232.60)	7.780 (197.60)	7.803 (198.20)
	44.00	TSH MS28	5.472 (139.00)	1.911 (48.53)	8.642 (219.50)	8.712 (221.29)	7.613 (193.38)	7.637 (193.98)	9.606 (244.00)	9.646 (245.00)	9.335 (237.10)	9.374 (238.10)	9.110 (231.40)	9.157 (232.60)	7.780 (197.60)	7.803 (198.20)
	49.00	TSH MS28	5.472 (139.00)	1.911 (48.53)	8.642 (219.50)	8.712 (221.29)	7.499 (190.48)	7.523 (191.08)	9.606 (244.00)	9.646 (245.00)	9.429 (239.50)	9.469 (240.50)	9.110 (231.40)	9.157 (232.60)	7.705 (195.70)	7.728 (196.30)
	52.00	TSH MS28	5.472 (139.00)	1.911 (48.53)	8.642 (219.50)	8.712 (221.29)	7.423 (188.55)	7.447 (189.15)	9.606 (244.00)	9.646 (245.00)	9.488 (241.00)	9.528 (242.00)	9.110 (231.40)	9.157 (232.60)	7.705 (195.70)	7.728 (196.30)
9.625	36.00	TSH MS28	5.472 (139.00)	1.911 (48.53)	9.642 (244.90)	9.722 (246.95)	8.909 (226.29)	8.933 (226.89)	10.606 (269.40)	10.646 (270.40)	10.126 (257.20)	10.165 (258.20)	10.110 (256.80)	10.157 (258.00)	8.965 (227.70)	8.988 (228.30)
	40.00	TSH MS28	5.472 (139.00)	1.911 (48.53)	9.642 (244.90)	9.722 (246.95)	8.823 (224.11)	8.847 (224.71)	10.606 (269.40)	10.646 (270.40)	10.165 (258.20)	10.205 (259.20)	10.110 (256.80)	10.157 (258.00)	8.878 (225.50)	8.902 (226.10)
	43.50	TSH MS28	5.472 (139.00)	1.911 (48.53)	9.642 (244.90)	9.722 (246.95)	8.743 (222.08)	8.767 (222.68)	10.606 (269.40)	10.646 (270.40)	10.232 (259.90)	10.272 (260.90)	10.110 (256.80)	10.157 (258.00)	8.799 (223.50)	8.823 (224.10)
	47.00	TSH MS28	5.472 (139.00)	1.911 (48.53)	9.642 (244.90)	9.722 (246.95)	8.669 (220.20)	8.693 (220.80)	10.606 (269.40)	10.646 (270.40)	10.295 (261.50)	10.335 (262.50)	10.110 (256.80)	10.157 (258.00)	8.728 (221.70)	8.752 (222.30)
	53.50	TSH MS28	5.472 (139.00)	1.911 (48.53)	9.642 (244.90)	9.722 (246.95)	8.523 (216.49)	8.547 (217.09)	10.606 (269.40)	10.646 (270.40)	10.417 (264.60)	10.457 (265.60)	10.110 (256.80)	10.157 (258.00)	8.728 (221.70)	8.752 (222.30)
	58.40	TSH MS28	5.472 (139.00)	1.911 (48.53)	9.642 (244.90)	9.722 (246.95)	8.423 (213.95)	8.447 (214.55)	10.606 (269.40)	10.646 (270.40)	10.500 (266.70)	10.539 (267.70)	10.110 (256.80)	10.157 (258.00)	8.728 (221.70)	8.752 (222.30)
	59.40	TSH MS28	5.472 (139.00)	1.911 (48.53)	9.642 (244.90)	9.722 (246.95)	8.395 (213.24)	8.419 (213.84)	10.606 (269.40)	10.646 (270.40)	10.524 (267.30)	10.563 (268.30)	10.110 (256.80)	10.157 (258.00)	8.728 (221.70)	8.752 (222.30)
	61.10	TSH MS28	5.472 (139.00)	1.911 (48.53)	9.642 (244.90)	9.722 (246.95)	8.363 (212.43)	8.387 (213.03)	10.606 (269.40)	10.646 (270.40)	10.547 (267.90)	10.587 (268.90)	10.110 (256.80)	10.157 (258.00)	8.728 (221.70)	8.752 (222.30)
	64.90	TSH MS28	5.472 (139.00)	1.911 (48.53)	9.642 (244.90)	9.722 (246.95)	8.269 (210.04)	8.293 (210.64)	10.630 (270.00)	10.669 (271.00)	10.622 (269.80)	10.661 (270.80)	10.110 (256.80)	10.157 (258.00)	8.677 (220.40)	8.701 (221.00)
	71.80	TSH MS28	5.472 (139.00)	1.911 (48.53)	9.642 (244.90)	9.722 (246.95)	8.113 (206.08)	8.137 (206.68)	10.728 (272.50)	10.768 (273.50)	10.740 (272.80)	10.780 (273.80)	10.110 (256.80)	10.157 (258.00)	8.598 (218.40)	8.622 (219.00)

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.