



TenarisHydril Wedge 521™ & TenarisHydril Wedge 521™ Dopeless®

Document: TSH-BD-35.0001
Revision: 10
Date: 20-Jan-2016
Prepared: C. BALDERAS

DESIGNATION					PIN and BOX		PIN				BOX			
DIAMETER	WALL THICKNESS	WEIGHT	PRODUCT	DRIFT	GENERAL		REGULAR		GENERAL		REGULAR		GENERAL	
					MINIMUM LENGTH	ADD. LENGTH 1 RECUT	OUTSIDE DIAMETER min	OUTSIDE DIAMETER max	INSIDE DIAMETER min	INSIDE DIAMETER max	OUTSIDE DIAMETER min	OUTSIDE DIAMETER max	INSIDE DIAMETER min	INSIDE DIAMETER max
in.	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)
4.000	0.226	9.50	TSH 521™	3.423" (86.94 mm)	4.400" (111.76 mm)	1.600" (40.64 mm)	4.000" (101.60 mm)	na	3.447" (87.55 mm)	3.467" (88.06 mm)	4.093" (103.96 mm)	na	3.548" (90.12 mm)	3.568 (90.6272mm)
4.000	0.262	11.00	TSH 521™	3.351" (85.12 mm)	4.400" (111.76 mm)	1.600" (40.64 mm)	4.000" (101.60 mm)	na	3.391" (86.13 mm)	3.411" (86.64 mm)	4.152" (105.46 mm)	na	3.476" (88.29 mm)	3.548" (90.12 mm)
4.000	0.286	11.60	TSH 521™	3.303" (83.90 mm)	4.400" (111.76 mm)	1.600" (40.64 mm)	4.000" (101.60 mm)	na	3.343" (84.91 mm)	3.363" (85.42 mm)	4.190" (106.43 mm)	na	3.428" (87.07 mm)	3.548" (90.12 mm)
4.500	0.205	9.50	TSH 521™	3.965" (100.71 mm)	3.500" (88.90 mm)	1.600" (40.64 mm)	4.500" (114.30 mm)	na	4.030" (102.36 mm)	4.050" (102.87 mm)	4.619" (117.32 mm)	na	4.090" (103.89 mm)	4.194 (106.5276mm)
4.500	0.224	10.50	TSH 521™	3.927" (99.75 mm)	4.400" (111.76 mm)	1.600" (40.64 mm)	4.500" (114.30 mm)	na	3.966" (100.74 mm)	3.986" (101.24 mm)	4.641" (117.88 mm)	na	4.052" (102.92 mm)	4.123 (104.7242mm)
4.500	0.237	11.00	TSH 521™	3.901" (99.09 mm)	4.400" (111.76 mm)	1.600" (40.64 mm)	4.500" (114.30 mm)	na	3.966" (100.74 mm)	3.986" (101.24 mm)	4.663" (118.44 mm)	na	4.026" (102.26 mm)	4.052" (102.92 mm)
4.500	0.250	11.60	TSH 521™	3.875" (98.43 mm)	4.400" (111.76 mm)	1.600" (40.64 mm)	4.500" (114.30 mm)	na	3.950" (100.33 mm)	3.970" (100.84 mm)	4.685" (119.00 mm)	na	4.000" (101.60 mm)	4.052" (102.92 mm)
4.500	0.271	12.60	TSH 521™	3.833" (97.36 mm)	4.400" (111.76 mm)	1.600" (40.64 mm)	4.500" (114.30 mm)	na	3.908" (99.26 mm)	3.928" (99.77 mm)	4.719" (119.86 mm)	na	3.958" (100.53 mm)	4.052" (102.92 mm)
4.500	0.290	13.50	TSH 521™	3.795" (96.39 mm)	4.400" (111.76 mm)	1.600" (40.64 mm)	4.500" (114.30 mm)	na	3.870" (98.30 mm)	3.890" (98.81 mm)	4.749" (120.62 mm)	na	3.920" (99.57 mm)	4.052" (102.92 mm)
5.000	0.253	13.00	TSH 521™	4.369" (110.97 mm)	4.400" (111.76 mm)	1.600" (40.64 mm)	5.000" (127.00 mm)	na	4.434" (112.62 mm)	4.454" (113.13 mm)	5.175" (131.45 mm)	na	4.494" (114.15 mm)	4.604 (116.9416mm)
5.000	0.296	15.00	TSH 521™	4.283" (108.79 mm)	4.400" (111.76 mm)	1.600" (40.64 mm)	5.000" (127.00 mm)	na	4.348" (110.44 mm)	4.368" (110.95 mm)	5.245" (133.22 mm)	na	4.408" (111.96 mm)	4.494" (114.15 mm)
5.000	0.362	18.00	TSH 521™	4.151" (105.44 mm)	4.400" (111.76 mm)	1.600" (40.64 mm)	5.000" (127.00 mm)	na	4.216" (107.09 mm)	4.236" (107.59 mm)	5.349" (135.86 mm)	na	4.276" (108.61 mm)	4.494" (114.15 mm)
5.500	0.244	14.00	TSH 521™	4.887" (124.13 mm)	4.400" (111.76 mm)	1.600" (40.64 mm)	5.500" (139.70 mm)	na	4.937" (125.40 mm)	4.957" (125.91 mm)	5.650" (143.51 mm)	na	5.012" (127.30 mm)	5.092 (129.3368mm)
5.500	0.275	15.50	TSH 521™	4.825" (122.56 mm)	4.400" (111.76 mm)	1.600" (40.64 mm)	5.500" (139.70 mm)	na	4.890" (124.21 mm)	4.910" (124.71 mm)	5.703" (144.86 mm)	na	4.950" (125.73 mm)	5.012" (127.30 mm)
5.500	0.304	17.00	TSH 521™	4.767" (121.08 mm)	4.400" (111.76 mm)	1.600" (40.64 mm)	5.500" (139.70 mm)	na	4.832" (122.73 mm)	4.852" (123.24 mm)	5.751" (146.08 mm)	na	4.892" (124.26 mm)	5.012" (127.30 mm)
5.500	0.361	20.00	TSH 521™	4.653" (118.19 mm)	4.400" (111.76 mm)	1.600" (40.64 mm)	5.500" (139.70 mm)	na	4.718" (119.84 mm)	4.738" (120.35 mm)	5.842" (148.39 mm)	na	4.778" (121.36 mm)	5.012" (127.30 mm)
5.500	0.415	23.00	TSH 521™	4.545" (115.44 mm)	4.400" (111.76 mm)	1.600" (40.64 mm)	5.500" (139.70 mm)	na	4.610" (117.09 mm)	4.630" (117.60 mm)	5.926" (150.52 mm)	na	4.670" (118.62 mm)	5.092 (129.3368mm)
6.625	0.288	20.00	TSH 521™	5.924" (150.47 mm)	4.500" (114.30 mm)	1.900" (48.26 mm)	6.625" (168.28 mm)	na	5.989" (152.12 mm)	6.009" (152.63 mm)	6.808" (172.92 mm)	na	6.049" (153.64 mm)	6.202 (157.5308mm)
6.625	0.352	24.00	TSH 521™	5.796" (147.22 mm)	4.500" (114.30 mm)	1.900" (48.26 mm)	6.625" (168.28 mm)	na	5.861" (148.87 mm)	5.881" (149.38 mm)	6.915" (175.64 mm)	na	5.921" (150.39 mm)	6.049" (153.64 mm)
6.625	0.417	28.00	TSH 521™	5.666" (143.92 mm)	4.500" (114.30 mm)	1.900" (48.26 mm)	6.625" (168.28 mm)	na	5.731" (145.57 mm)	5.751" (146.08 mm)	7.019" (178.28 mm)	na	5.791" (147.09 mm)	6.049" (153.64 mm)
6.625	0.475	32.00	TSH 521™	5.550" (140.97 mm)	4.500" (114.30 mm)	1.900" (48.26 mm)	6.625" (168.28 mm)	na	5.615" (142.62 mm)	5.635" (143.13 mm)	7.110" (180.59 mm)	na	5.675" (144.15 mm)	6.202 (157.5308mm)
7.000	0.272	20.00	TSH 521™	6.331" (160.81 mm)	4.500" (114.30 mm)	1.900" (48.26 mm)	7.000" (177.80 mm)	na	6.371" (161.82 mm)	6.391" (162.33 mm)	7.138" (181.31 mm)	na	6.456" (163.98 mm)	6.561 (166.6494mm)
7.000	0.317	23.00	TSH 521™	6.250" (158.75 mm)	4.500" (114.30 mm)	1.900" (48.26 mm)	7.000" (177.80 mm)	na	6.281" (159.54 mm)	6.301" (160.05 mm)	7.215" (183.26 mm)	na	6.366" (161.70 mm)	6.456" (163.98 mm)
7.000	0.362	26.00	TSH 521™	6.151" (156.24 mm)	4.500" (114.30 mm)	1.900" (48.26 mm)	7.000" (177.80 mm)	na	6.191" (157.25 mm)	6.211" (157.76 mm)	7.290" (185.17 mm)	na	6.276" (159.41 mm)	6.456" (163.98 mm)
7.000	0.408	29.00	TSH 521™	6.059" (153.90 mm)	4.500" (114.30 mm)	1.900" (48.26 mm)	7.000" (177.80 mm)	na	6.099" (154.91 mm)	6.119" (155.42 mm)	7.365" (187.07 mm)	na	6.184" (157.07 mm)	6.456" (163.98 mm)
7.000	0.453	32.00	TSH 521™	6.000" (152.40 mm)	4.500" (114.30 mm)	1.900" (48.26 mm)	7.000" (177.80 mm)	na	6.040" (153.42 mm)	6.060" (153.92 mm)	7.437" (188.90 mm)	na	6.094" (154.79 mm)	6.456" (163.98 mm)



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					MINIMUM LENGTH	ADD. LENGTH 1 RECUT	OUTSIDE DIAMETER min	OUTSIDE DIAMETER max	INSIDE DIAMETER min	INSIDE DIAMETER max	OUTSIDE DIAMETER min	OUTSIDE DIAMETER max	INSIDE DIAMETER min	INSIDE DIAMETER max
in.	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)
7.625	0.328	26.40	TSH 521™	6.844" (173.84 mm)	4.500" (114.30 mm)	1.900" (48.26 mm)	7.625" (193.68 mm)	na	6.884" (174.85 mm)	6.904" (175.36 mm)	7.858" (199.59 mm)	na	6.969" (177.01 mm)	7.189 (182.6006mm)
7.625	0.375	29.70	TSH 521™	6.750" (171.45 mm)	4.500" (114.30 mm)	1.900" (48.26 mm)	7.625" (193.68 mm)	na	6.790" (172.47 mm)	6.810" (172.97 mm)	7.937" (201.60 mm)	na	6.875" (174.63 mm)	6.969" (177.01 mm)
7.625	0.430	33.70	TSH 521™	6.640" (168.66 mm)	4.500" (114.30 mm)	1.900" (48.26 mm)	7.625" (193.68 mm)	na	6.680" (169.67 mm)	6.700" (170.18 mm)	8.027" (203.89 mm)	na	6.765" (171.83 mm)	6.969" (177.01 mm)
7.625	0.500	39.00	TSH 521™	6.500" (165.10 mm)	4.500" (114.30 mm)	1.900" (48.26 mm)	7.625" (193.68 mm)	na	6.540" (166.12 mm)	6.560" (166.62 mm)	8.138" (206.71 mm)	na	6.625" (168.28 mm)	7.189 (182.6006mm)
7.625	0.687	51.20	TSH 521™	6.126" (155.60 mm)	5.500" (139.70 mm)	2.050" (52.07 mm)	7.625" (193.68 mm)	na	6.166" (156.62 mm)	6.186" (157.12 mm)	8.070" (204.98 mm)	na	6.251" (158.78 mm)	6.521" (165.63 mm)
8.625	0.352	32.00	TSH 521™	7.875" (200.03 mm)	4.500" (114.30 mm)	1.900" (48.26 mm)	8.625" (219.08 mm)	na	7.914" (201.02 mm)	7.934" (201.52 mm)	8.879" (225.53 mm)	na	7.921" (201.19 mm)	8.174 (207.6196mm)
8.625	0.400	36.00	TSH 521™	7.700" (195.58 mm)	4.500" (114.30 mm)	1.900" (48.26 mm)	8.625" (219.08 mm)	na	7.740" (196.60 mm)	7.760" (197.10 mm)	8.960" (227.58 mm)	na	7.825" (198.76 mm)	7.921" (201.19 mm)
8.625	0.450	40.00	TSH 521™	7.625" (193.68 mm)	4.500" (114.30 mm)	1.900" (48.26 mm)	8.625" (219.08 mm)	na	7.664" (194.67 mm)	7.684" (195.17 mm)	9.043" (229.69 mm)	na	7.725" (196.22 mm)	7.921" (201.19 mm)
8.625	0.500	44.00	TSH 521™	7.500" (190.50 mm)	4.500" (114.30 mm)	1.900" (48.26 mm)	8.625" (219.08 mm)	na	7.540" (191.52 mm)	7.560" (192.02 mm)	9.124" (231.75 mm)	na	7.625" (193.68 mm)	8.174 (207.6196mm)
9.625	0.352	36.00	TSH 521™	8.765" (222.62 mm)	4.500" (114.30 mm)	1.900" (48.26 mm)	9.625" (244.48 mm)	na	8.836" (224.43 mm)	8.856" (224.94 mm)	9.873" (250.77 mm)	na	8.921" (226.59 mm)	9.175 (233.045mm)
9.625	0.395	40.00	TSH 521™	8.750" (222.25 mm)	4.500" (114.30 mm)	1.900" (48.26 mm)	9.625" (244.48 mm)	na	8.789" (223.24 mm)	8.809" (223.75 mm)	9.947" (252.65 mm)	na	8.835" (224.41 mm)	8.921" (226.59 mm)
9.625	0.435	43.50	TSH 521™	8.599" (218.41 mm)	4.500" (114.30 mm)	1.900" (48.26 mm)	9.625" (244.48 mm)	na	8.670" (220.22 mm)	8.690" (220.73 mm)	10.015" (254.38 mm)	na	8.755" (222.38 mm)	8.921" (226.59 mm)
9.625	0.472	47.00	TSH 521™	8.525" (216.53 mm)	4.500" (114.30 mm)	1.900" (48.26 mm)	9.625" (244.48 mm)	na	8.596" (218.34 mm)	8.616" (218.85 mm)	10.077" (255.96 mm)	na	8.681" (220.50 mm)	8.921" (226.59 mm)
9.625	0.545	53.50	TSH 521™	8.500" (215.90 mm)	4.500" (114.30 mm)	1.900" (48.26 mm)	9.625" (244.48 mm)	na	8.525" (216.54 mm)	8.545" (217.04 mm)	10.196" (258.98 mm)	na	8.535" (216.79 mm)	9.175 (233.045mm)
10.750	0.350	40.50	TSH 521™	9.894" (251.30 mm)	4.900" (124.46 mm)	2.100" (53.34 mm)	10.750" (273.05 mm)	na	9.965" (253.11 mm)	9.985" (253.62 mm)	10.853" (275.67 mm)	na	10.050" (255.27 mm)	10.165 (258.191mm)
10.750	0.400	45.50	TSH 521™	9.875" (250.83 mm)	4.900" (124.46 mm)	2.100" (53.34 mm)	10.750" (273.05 mm)	na	9.916" (251.87 mm)	9.936" (252.37 mm)	10.940" (277.88 mm)	na	9.950" (252.73 mm)	10.050" (255.27 mm)
10.750	0.450	51.00	TSH 521™	9.694" (246.22 mm)	4.900" (124.46 mm)	2.100" (53.34 mm)	10.750" (273.05 mm)	na	9.765" (248.03 mm)	9.785" (248.54 mm)	11.027" (280.09 mm)	na	9.850" (250.19 mm)	10.050" (255.27 mm)
10.750	0.495	55.50	TSH 521™	9.625" (244.48 mm)	5.700" (144.78 mm)	2.000" (50.80 mm)	10.750" (273.05 mm)	na	9.675" (245.75 mm)	9.695" (246.25 mm)	11.000" (279.40 mm)	na	9.760" (247.90 mm)	10.006 (254.1524mm)
10.750	0.545	60.70	TSH 521™	9.504" (241.40 mm)	5.700" (144.78 mm)	2.000" (50.80 mm)	10.750" (273.05 mm)	na	9.575" (243.21 mm)	9.595" (243.71 mm)	11.084" (281.53 mm)	na	9.660" (245.36 mm)	9.760" (247.90 mm)
10.750	0.595	65.70	TSH 521™	9.500" (241.30 mm)	5.700" (144.78 mm)	2.000" (50.80 mm)	10.750" (273.05 mm)	na	9.541" (242.34 mm)	9.561" (242.85 mm)	11.167" (283.84 mm)	na	9.560" (242.82 mm)	9.760" (247.90 mm)
11.750	0.375	47.00	TSH 521™	10.844" (275.43 mm)	4.900" (124.46 mm)	2.100" (53.34 mm)	11.750" (298.45 mm)	na	10.915" (277.24 mm)	10.935" (277.75 mm)	11.882" (301.80 mm)	na	11.000" (279.40 mm)	11.158 (283.4132mm)
11.750	0.435	54.00	TSH 521™	10.724" (272.38 mm)	4.900" (124.46 mm)	2.100" (53.34 mm)	11.750" (298.45 mm)	na	10.795" (274.19 mm)	10.815" (274.70 mm)	11.988" (304.50 mm)	na	10.880" (276.35 mm)	11.000" (279.40 mm)
11.750	0.489	60.00	TSH 521™	10.625" (269.88 mm)	5.700" (144.78 mm)	2.000" (50.80 mm)	11.750" (298.45 mm)	na	10.677" (271.20 mm)	10.697" (271.70 mm)	11.918" (302.72 mm)	na	10.772" (273.61 mm)	10.978 (278.8412mm)
11.750	0.534	65.00	TSH 521™	10.625" (269.88 mm)	5.700" (144.78 mm)	2.000" (50.80 mm)	11.750" (298.45 mm)	na	10.666" (270.92 mm)	10.686" (271.42 mm)	11.955" (303.66 mm)	na	10.682" (271.32 mm)	10.772" (273.61 mm)
11.750	0.582	71.00	TSH 521™	10.430" (264.92 mm)	5.700" (144.78 mm)	2.000" (50.80 mm)	11.750" (298.45 mm)	na	10.491" (266.47 mm)	10.511" (266.98 mm)	12.115" (307.72 mm)	na	10.586" (268.88 mm)	10.978 (278.8412mm)
11.750	0.609	73.60	TSH 521™	10.376" (263.54 mm)	5.700" (144.78 mm)	2.000" (50.80 mm)	11.750" (298.45 mm)	na	10.437" (265.10 mm)	10.457" (265.61 mm)	12.160" (308.86 mm)	na	10.532" (267.51 mm)	10.978 (278.8412mm)
11.750	0.672	80.50	TSH 521™	10.250" (260.34 mm)	5.700" (144.78 mm)	2.000" (50.80 mm)	11.750" (298.45 mm)	na	10.311" (261.90 mm)	10.331" (262.41 mm)	12.264" (311.51 mm)	na	10.406" (264.31 mm)	10.978 (278.8412mm)



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					MINIMUM LENGTH	ADD. LENGTH 1 RECUT	OUTSIDE DIAMETER min	OUTSIDE DIAMETER max	INSIDE DIAMETER min	INSIDE DIAMETER max	OUTSIDE DIAMETER min	OUTSIDE DIAMETER max	INSIDE DIAMETER min	INSIDE DIAMETER max
in.	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)
11.875	0.582	71.80	TSH 521™	10.625" (269.88 mm)	5.700" (144.78 mm)	2.000" (50.80 mm)	11.875" (301.63 mm)	na	10.666" (270.92 mm)	10.686" (271.42 mm)	12.259" (311.38 mm)	na	10.711" (272.06 mm)	11.125 (282.575mm)
13.375	0.380	54.50	TSH 521™	12.459" (316.45 mm)	5.400" (137.16 mm)	2.400" (60.96 mm)	13.375" (339.73 mm)	na	12.530" (318.26 mm)	12.550" (318.77 mm)	13.521" (343.43 mm)	na	12.615" (320.42 mm)	12.761 (324.1294mm)
13.375	0.430	61.00	TSH 521™	12.359" (313.91 mm)	5.400" (137.16 mm)	2.400" (60.96 mm)	13.375" (339.73 mm)	na	12.430" (315.72 mm)	12.450" (316.23 mm)	13.610" (345.69 mm)	na	12.515" (317.88 mm)	12.615" (320.42 mm)
13.375	0.480	68.00	TSH 521™	12.259" (311.37 mm)	5.400" (137.16 mm)	2.400" (60.96 mm)	13.375" (339.73 mm)	na	12.330" (313.18 mm)	12.350" (313.69 mm)	13.697" (347.90 mm)	na	12.415" (315.34 mm)	12.615" (320.42 mm)
13.375	0.514	72.00	TSH 521™	12.250" (311.15 mm)	5.400" (137.16 mm)	2.400" (60.96 mm)	13.375" (339.73 mm)	na	12.307" (312.60 mm)	12.327" (313.11 mm)	13.756" (349.40 mm)	na	12.347" (313.61 mm)	12.615" (320.42 mm)
13.375	0.550	77.00	TSH 521™	12.119" (307.82 mm)	6.300" (160.02 mm)	2.200" (55.88 mm)	13.375" (339.73 mm)	na	12.190" (309.63 mm)	12.210" (310.13 mm)	13.676" (347.37 mm)	na	12.275" (311.79 mm)	12.556 (318.9224mm)
13.375	0.580	80.70	TSH 521™	12.059" (306.29 mm)	6.300" (160.02 mm)	2.200" (55.88 mm)	13.375" (339.73 mm)	na	12.130" (308.10 mm)	12.150" (308.61 mm)	13.728" (348.69 mm)	na	12.215" (310.26 mm)	12.556 (318.9224mm)
13.375	0.608	85.00	TSH 521™	12.003" (304.87 mm)	6.300" (160.02 mm)	2.200" (55.88 mm)	13.375" (339.73 mm)	na	12.074" (306.68 mm)	12.094" (307.19 mm)	13.775" (349.89 mm)	na	12.159" (308.84 mm)	12.556 (318.9224mm)
13.375	0.625	86.00	TSH 521™	11.969" (304.01 mm)	6.300" (160.02 mm)	2.200" (55.88 mm)	13.375" (339.73 mm)	na	12.040" (305.82 mm)	12.060" (306.32 mm)	13.804" (350.62 mm)	na	12.125" (307.98 mm)	12.556 (318.9224mm)
13.500	0.580	81.40	TSH 521™	12.250" (311.15 mm)	6.300" (160.02 mm)	2.200" (55.88 mm)	13.500" (342.90 mm)	na	12.305" (312.55 mm)	12.325" (313.06 mm)	13.930" (353.82 mm)	na	12.340" (313.44 mm)	12.375" (314.33 mm)
13.625	0.625	88.20	TSH 521™	12.250" (311.15 mm)	6.300" (160.02 mm)	2.200" (55.88 mm)	13.625" (346.08 mm)	na	12.295" (312.29 mm)	12.315" (312.80 mm)	13.930" (353.82 mm)	na	12.375" (314.33 mm)	12.806 (325.2724mm)
15.000	0.500	77.50	TSH 521™	13.812" (350.82 mm)	5.400" (137.16 mm)	2.400" (60.96 mm)	15.000" (381.00 mm)	na	13.865" (352.17 mm)	13.885" (352.68 mm)	15.139" (384.53 mm)	na	14.000" (355.60 mm)	14.206 (360.8324mm)
16.000	0.438	75.00	TSH 521™	14.936" (379.37 mm)	5.400" (137.16 mm)	2.400" (60.96 mm)	16.000" (406.40 mm)	na	15.039" (381.99 mm)	15.059" (382.50 mm)	16.145" (410.08 mm)	na	15.124" (384.15 mm)	15.339 (389.6106mm)
16.000	0.495	84.00	TSH 521™	14.822" (376.48 mm)	5.400" (137.16 mm)	2.400" (60.96 mm)	16.000" (406.40 mm)	na	14.925" (379.10 mm)	14.945" (379.60 mm)	16.247" (412.67 mm)	na	15.010" (381.25 mm)	15.124" (384.15 mm)
16.000	0.500	84.80	TSH 521™	14.812" (376.22 mm)	5.400" (137.16 mm)	2.400" (60.96 mm)	16.000" (406.40 mm)	na	14.915" (378.84 mm)	14.935" (379.35 mm)	16.256" (412.90 mm)	na	15.000" (381.00 mm)	15.339 (389.6106mm)
16.000	0.566	95.00	TSH 521™	14.750" (374.65 mm)	5.100" (129.54 mm)	2.300" (58.42 mm)	16.000" (406.40 mm)	na	14.799" (375.89 mm)	14.819" (376.40 mm)	16.387" (416.23 mm)	na	14.868" (377.65 mm)	15.339 (389.6106mm)
16.000	0.575	96.00	TSH 521™	14.750" (374.65 mm)	5.400" (137.16 mm)	2.400" (60.96 mm)	16.000" (406.40 mm)	na	14.799" (375.89 mm)	14.819" (376.40 mm)	16.387" (416.23 mm)	na	14.850" (377.19 mm)	15.124" (384.15 mm)
16.000	0.656	109.00	TSH 521™	14.500" (368.30 mm)	6.300" (160.02 mm)	2.200" (55.88 mm)	16.000" (406.40 mm)	na	14.603" (370.92 mm)	14.623" (371.42 mm)	16.455" (417.96 mm)	na	14.688" (373.08 mm)	15.210 (386.334mm)
16.000	0.715	118.00	TSH 521™	14.382" (365.30 mm)	6.300" (160.02 mm)	2.200" (55.88 mm)	16.000" (406.40 mm)	na	14.485" (367.92 mm)	14.505" (368.43 mm)	16.556" (420.52 mm)	na	14.570" (370.08 mm)	14.688" (373.08 mm)
16.125	0.566	95.60	TSH 521™	14.805" (376.05 mm)	5.400" (137.16 mm)	2.400" (60.96 mm)	16.125" (409.58 mm)	na	14.854" (377.29 mm)	14.874" (377.80 mm)	16.417" (416.99 mm)	na	14.993" (380.82 mm)	15.010" (381.25 mm)
17.000	0.438	77.50	TSH 521™	16.000" (406.40 mm)	5.400" (137.16 mm)	2.400" (60.96 mm)	17.000" (431.80 mm)	na	16.057" (407.85 mm)	16.077" (408.36 mm)	17.187" (436.55 mm)	na	16.124" (409.55 mm)	16.342 (415.0868mm)
17.000	0.500	88.10	TSH 521™	15.812" (401.62 mm)	5.400" (137.16 mm)	2.400" (60.96 mm)	17.000" (431.80 mm)	na	15.915" (404.24 mm)	15.935" (404.75 mm)	17.298" (439.37 mm)	na	16.000" (406.40 mm)	16.124" (409.55 mm)
17.000	0.875	151.00	TSH 521™	15.062" (382.57 mm)	6.600" (167.64 mm)	2.000" (50.80 mm)	17.000" (431.80 mm)	na	15.165" (385.19 mm)	15.185" (385.70 mm)	17.663" (448.64 mm)	na	15.250" (387.35 mm)	15.971 (405.6634mm)
17.875	0.500	93.50	TSH 521™	16.772" (426.01 mm)	5.400" (137.16 mm)	2.400" (60.96 mm)	17.875" (454.03 mm)	na	16.833" (427.56 mm)	16.853" (428.07 mm)	17.990" (456.95 mm)	na	16.875" (428.63 mm)	17.000" (431.80 mm)
17.875	0.562	105.00	TSH 521™	16.563" (420.70 mm)	6.300" (160.02 mm)	2.200" (55.88 mm)	17.875" (454.03 mm)	na	16.618" (422.10 mm)	16.638" (422.61 mm)	17.990" (456.95 mm)	na	16.751" (425.48 mm)	16.794" (426.57 mm)
17.875	0.575	107.00	TSH 521™	16.563" (420.70 mm)	6.300" (160.02 mm)	2.200" (55.88 mm)	17.875" (454.03 mm)	na	16.618" (422.10 mm)	16.638" (422.61 mm)	17.990" (456.95 mm)	na	16.725" (424.82 mm)	16.794" (426.57 mm)
17.875	0.650	121.00	TSH 521™	16.500" (419.10 mm)	6.300" (160.02 mm)	2.200" (55.88 mm)	17.875" (454.03 mm)	na	16.555" (420.50 mm)	16.575" (421.01 mm)	18.010" (457.45 mm)	na	16.575" (421.01 mm)	16.794" (426.57 mm)



TenarisHydril Wedge 521™ & TenarisHydril Wedge 521™ Dopeless®

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DESIGNATION					PIN and BOX		PIN				BOX			
					GENERAL		REGULAR		GENERAL		REGULAR		GENERAL	
DIAMETER	WALL THICKNESS	WEIGHT	PRODUCT	DRIFT	MINIMUM LENGTH	ADD. LENGTH 1 RECUT	OUTSIDE DIAMETER min	OUTSIDE DIAMETER max	INSIDE DIAMETER min	INSIDE DIAMETER max	OUTSIDE DIAMETER min	OUTSIDE DIAMETER max	INSIDE DIAMETER min	INSIDE DIAMETER max
in.	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)
18.000	0.500	94.00	TSH 521™	16.812" (427.02 mm)	5.400" (137.16 mm)	2.400" (60.96 mm)	18.000" (457.20 mm)	na	16.873" (428.57 mm)	16.893" (429.08 mm)	18.050" (458.47 mm)	na	17.000" (431.80 mm)	17.187 (436.5498mm)
18.000	0.562	105.00	TSH 521™	16.688" (423.88 mm)	5.400" (137.16 mm)	2.400" (60.96 mm)	18.000" (457.20 mm)	na	16.749" (425.42 mm)	16.769" (425.93 mm)	18.125" (460.38 mm)	na	16.876" (428.65 mm)	17.000" (431.80 mm)
18.625	0.435	87.50	TSH 521™	17.567" (446.20 mm)	5.400" (137.16 mm)	2.400" (60.96 mm)	18.625" (473.08 mm)	na	17.628" (447.75 mm)	17.648" (448.26 mm)	18.844" (478.64 mm)	na	17.755" (450.98 mm)	18.005 (457.327mm)
18.625	0.460	94.50	TSH 521™	17.517" (444.93 mm)	5.400" (137.16 mm)	2.400" (60.96 mm)	18.625" (473.08 mm)	na	17.578" (446.48 mm)	17.598" (446.99 mm)	18.889" (479.78 mm)	na	17.705" (449.71 mm)	17.755" (450.98 mm)
18.625	0.486	97.70	TSH 521™	17.500" (444.50 mm)	5.400" (137.16 mm)	2.400" (60.96 mm)	18.625" (473.08 mm)	na	17.561" (446.05 mm)	17.581" (446.56 mm)	18.936" (480.97 mm)	na	17.653" (448.39 mm)	18.005 (457.327mm)
18.625	0.500	100.00	TSH 521™	17.500" (444.50 mm)	5.400" (137.16 mm)	2.300" (58.42 mm)	18.625" (473.08 mm)	na	17.561" (446.05 mm)	17.581" (446.56 mm)	18.961" (481.61 mm)	na	17.625" (447.68 mm)	18.005 (457.327mm)
18.625	0.510	101.00	TSH 521™	17.500" (444.50 mm)	5.100" (129.54 mm)	2.300" (58.42 mm)	18.625" (473.08 mm)	na	17.561" (446.05 mm)	17.581" (446.56 mm)	18.979" (482.07 mm)	na	17.605" (447.17 mm)	18.005 (457.327mm)
18.625	0.563	109.35	TSH 521™	17.311" (439.70 mm)	6.300" (160.02 mm)	2.200" (55.88 mm)	18.625" (473.08 mm)	na	17.377" (441.38 mm)	17.397" (441.88 mm)	18.938" (481.03 mm)	na	17.499" (444.47 mm)	17.810 (452.374mm)
18.625	0.579	112.00	TSH 521™	17.279" (438.89 mm)	6.300" (160.02 mm)	2.200" (55.88 mm)	18.625" (473.08 mm)	na	17.345" (440.56 mm)	17.365" (441.07 mm)	18.966" (481.74 mm)	na	17.467" (443.66 mm)	17.499" (444.47 mm)

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 Reading).

na: Not Applicable.
Blank spaces indicate product not currently available.

Contact Tenaris Manufacturing Services at licensees@oilfield.tenaris.com for details.
These Blanking Dimensions are NOT applicable For Handling & lifting plug, HydroTest Caps & HydroTest Plugs.

Yellow - Shaded corresponds to modified from previous document revision.