

PERMITTED DTI DIMENSIONS PER APPLICABLE STANDARDS AND SPECIFICATIONS FOR REFERENCE

DTI SIZE/GRADE	ASTM F959/F959M ref ASME B18.2.6/18.2.6M		ASTM F959/959M permits ASTM F436/F436 min diameter	ASTM F959/F959M ref ASME B18.2.6 B18.2.6M		
	All dimensions in inches	ID Min		ID Max	OD Min	OD Max
1/2" A325/120	0.523	0.527	1.031	1.187	0.104	0.180
5/8" A325/120	0.654	0.658	1.281	1.375	0.126	0.220
3/4" A325/120	0.786	0.790	1.436	1.625	0.142	0.230
7/8" A325/120	0.917	0.921	1.718	1.875	0.158	0.240
1" A325/120	1.048	1.052	1.937	2.000	0.158	0.270
1-1/8" A325/120	1.179	1.183	2.187	2.250	0.158	0.270
1-1/4" A325/120	1.311	1.315	2.437	2.500	0.158	0.270
1-3/8" A325/120	1.442	1.446	2.687	2.750	0.158	0.270
1-1/2" A325/120	1.573	1.577	2.937	3.000	0.158	0.270

1/2" A490/150	0.523	0.527	1.031	1.375	0.104	0.180
5/8" A490/150	0.654	0.658	1.281	1.625	0.126	0.220
3/4" A490/150	0.786	0.790	1.436	1.750	0.126	0.240
7/8" A490/150	0.917	0.921	1.718	2.000	0.142	0.260
1" A490/150	1.048	1.052	1.937	2.250	0.158	0.270
1-1/8" A490/150	1.179	1.183	2.187	2.500	0.158	0.280
1-1/4" A490/150	1.311	1.315	2.437	2.750	0.158	0.280
1-3/8" A490/150	1.442	1.446	2.687	3.000	0.158	0.280
1-1/2" A490/150	1.573	1.577	2.937	3.250	0.158	0.280

All dimensions in mm	ID Min	ID Max	OD Min	OD Max	Thickness Min w/o bump	Thickness Max w/bump
M12 8.8/120	13.3	13.4	25.7	30.2	2.6	4.6
M16 8.8/120	16.75	16.85	32.4	36.8	3.2	5.5
M20 8.8/120	20.95	21.05	40.4	46.0	3.6	6.0
M22 8.8/120	23.05	23.15	42.4	50.6	3.6	6.0
M24 8.8/120	25.15	25.25	48.4	55.2	4.0	7.0
M27 8.8/120	28.3	28.4	54.1	62.1	4.0	7.0
M30 8.8/120	31.45	31.55	58.1	69.0	4.0	7.0
M36 8.8/120	37.75	37.85	70.1	82.8	4.8	7.5

M12 10.9/150	13.3	13.4	25.7	30.2	2.6	4.6
M16 10.9/150	16.75	16.85	32.4	36.8	3.2	6.0
M20 10.9/150	20.95	21.05	40.4	46.0	3.6	6.0
M22 10.9/150	23.05	23.15	42.4	50.6	3.6	7.0
M24 10.9/150	25.15	25.25	48.4	55.2	4.0	7.0
M27 10.9/150	28.3	28.4	54.1	62.1	4.0	7.0
M30 10.9/150	31.45	31.55	58.1	69.0	4.0	7.5
M36 10.9/150	37.75	37.85	70.1	82.8	4.8	7.5
M42 10.9/150	43.5	43.7	90	92	4.8	7.5