

Pitch Diameters – (STI) Screw Thread Insert Plug Gages



Table III
Classes 2B, 3B

Nominal Size	PITCH DIAMETERS			X Tol. Go = + No Go = -
	GO	2B NO GO	3B NO GO	
#4-40 UNC	.1283	.1308	.1299	.0002
#4-48 UNF	.1256	.1279	.1271	.0002
#5-40 UNC	.1413	.1438	.1430	.0002
#6-32 UNC	.1583	.1611	.1601	.0003
#6-40 UNF	.1543	.1569	.1560	.0002
#8-32 UNC	.1843	.1872	.1862	.0003
#8-36 UNF	.1821	.1849	.1840	.0002
#10-24 UNC	.2170	.2203	.2192	.0003
#10-32 UNF	.2103	.2133	.2123	.0003
#12-24 UNC	.2430	.2464	.2453	.0003
1/4-20 UNC	.2825	.2864	.2851	.0003
1/4-28 UNF	.2732	.2765	.2754	.0003
5/16-18 UNC	.3486	.3529	.3515	.0003
5/16-24 UNF	.3395	.3433	.3421	.0003
3/8-16 UNC	.4156	.4203	.4189	.0003
3/8-24 UNF	.4020	.4059	.4047	.0003
7/16-14 UNC	.4839	.4890	.4875	.0003
7/16-20 UNF	.4700	.4744	.4731	.0003
1/2-13 UNC	.5499	.5554	.5537	.0003
1/2-20 UNF	.5325	.5371	.5357	.0003
9/16-12 UNC	.6167	.6225	.6208	.0003
9/16-18 UNF	.5986	.6035	.6020	.0003
5/8-11 UNC	.6841	.6903	.6885	.0003
5/8-18 UNF	.6611	.6661	.6646	.0003
3/4-10 UNC	.8149	.8216	.8196	.0003
3/4-16 UNF	.7906	.7961	.7945	.0003