

UNIFIED THREAD GAGES

Pitch Diameter Chart – Thread Work Plugs

NOMINAL SIZE	Go Basic	NoGo 2B	NoGo 3B
0-80 UNF	.0519	.0542	.0536
1-64 UNC	.0629	.0655	.0648
1-72 UNF	.0640	.0665	.0659
2-56 UNC	.0744	.0772	.0765
2-64 UNF	.0759	.0786	.0779
3-48 UNC	.0855	.0885	.0877
3-56 UNF	.0874	.0902	.0895
4-40 UNC	.0958	.0991	.0982
4-48 UNF	.0985	.1016	.1008
5-40 UNC	.1088	.1121	.1113
5-44 UNF	.1102	.1134	.1126
6-32 UNC	.1177	.1214	.1204
6-40 UNF	.1218	.1252	.1243
8-32 UNC	.1437	.1475	.1465
8-36 UNF	.1460	.1496	.1487
10-24 UNC	.1629	.1672	.1661
10-32 UNF	.1697	.1736	.1726
12-24 UNC	.1889	.1933	.1922
12-28 UNF	.1928	.1970	.1959
12-32 UNEF	.1957	.1998	.1988
1/4-20 UNC	.2175	.2224	.2211
1/4-28 UNF	.2268	.2311	.2300
1/4-32 UNEF	.2297	.2339	.2328
5/16-18 UNC	.2764	.2817	.2803
5/16-24 UNF	.2854	.2902	.2890
5/16-32 UNEF	.2922	.2964	.2953
3/8-16 UNC	.3344	.3401	.3387
3/8-24 UNF	.3479	.3528	.3516
3/8-32 UNEF	.3547	.3591	.3580
7/16-14 UNC	.3911	.3972	.3957
7/16-20 UNF	.4050	.4104	.4091
7/16-28 UNEF	.4143	.4189	.4178
1/2-13 UNC	.4500	.4565	.4548
1/2-20 UNF	.4675	.4731	.4717
1/2-28 UNEF	.4768	.4816	.4804
9/16-12 UNC	.5084	.5152	.5135
9/16-18 UNF	.5264	.5323	.5308

NOMINAL SIZE	Go Basic	NoGo 2B	NoGo 3B
9/16-24 UNEF	.5354	.5405	.5392
5/8- 11 UNC	.5660	.5732	.5714
5/8-18 UNF	.5889	.5949	.5934
5/8-24 UNEF	.5979	.6031	.6018
11/16-24 UNEF	.6604	.6656	.6643
3/4-10 UNC	.6850	.6927	.6907
3/4-16 UNF	.7094	.7159	.7143
3/4-20 UNEF	.7175	.7232	.7218
13/16-20 UNEF	.7800	.7857	.7843
7/8- 9 UNC	.8028	.8110	.8089
7/8-14 UNF	.8286	.8356	.8339
7/8-20 UNEF	.8425	.8482	.8468
15/16-20 UNEF	.9050	.9109	.9094
1- 8 UNC	.9188	.9276	.9254
1-12 UNF	.9459	.9535	.9516
1-14 UNS	.9536	.9609	.9590
1-20 UNEF	.9675	.9734	.9719
1 1/16-12 UNF	1.0084	1.0158	1.0139
1 1/16-18 UNEF	1.0264	1.0326	1.0310
1 1/8 7 UNC	1.0322	1.0416	1.0393
1 1/8-12 UNF	1.0709	1.0787	1.0768
1 1/8-18 UNEF	1.0889	1.0951	1.0935
1 3/16-12 UNF	1.1334	1.1409	1.1390
1 3/16-18 UNEF	1.1514	1.1577	1.1561
1 1/4- 7 UNC	1.1572	1.1668	1.1644
1 1/4-12 UNF	1.1959	1.2039	1.2019
1 1/4-18 UNEF	1.2139	1.2202	1.2186
1 5/16-12 UNF	1.2584	1.2659	1.2640
1 5/16-18 UNEF	1.2764	1.2827	1.2811
1 3/8- 6 UNC	1.2667	1.2771	1.2745
1 3/8-12 UNF	1.3209	1.3291	1.3270
1 3/8-18 UNEF	1.3389	1.3452	1.3436
1 7/16- 12 UNF	1.3834	1.3910	1.3891
1 7/16-18 UNEF	1.4014	1.4079	1.4062
1 1/2- 6 UNC	1.3917	1.4022	1.3996
1 1/2-12 UNF	1.4459	1.4542	1.4522
1 1/2-18 UNEF	1.4639	1.4704	1.4687

