

## PITCH DIAMETER CHART

THREAD WORK PLUGS				RING GAGES & SET PLUGS				
Nominal Size	Go Pitch Dia.	NoGo 2B Pitch Dia.	NoGo 3B Pitch Dia.	Nominal Size	Go 2A Pitch Dia.	NoGo 2A Pitch Dia.	Go 3A Pitch Dia.	NoGo 3A Pitch Dia.
0-80 (.060) UNF	0.0519	0.0542	0.0536	0-80 (.060) UNF	0.0514	0.0496	0.0519	0.0506
1-64 (.073) UNC	0.0629	0.0655	0.0648	1-64 (.073) UNC	0.0623	0.0603	0.0629	0.0614
1-72 (.073) UNF	0.0640	0.0665	0.0659	1-72 (.073) UNF	0.0634	0.0615	0.0640	0.0626
2-56 (.086) UNC	0.0744	0.0772	0.0765	2-56 (.086) UNC	0.0738	0.0717	0.0744	0.0728
2-64 (.086) UNF	0.0759	0.0786	0.0779	2-64 (.086) UNF	0.0753	0.0733	0.0759	0.0744
3-48 (.099) UNC	0.0855	0.0885	0.0877	3-48 (.099) UNC	0.0848	0.0825	0.0855	0.0838
3-56 (.099) UNF	0.0874	0.0902	0.0895	3-56 (.099) UNF	0.0867	0.0845	0.0874	0.0858
4-40 (.112) UNC	0.0958	0.0991	0.0982	4-40 (.112) UNC	0.0950	0.0925	0.0958	0.0939
4-48 (.112) UNF	0.0985	0.1016	0.1008	4-48 (.112) UNF	0.0978	0.0954	0.0985	0.0967
5-40 (.125) UNC	0.1088	0.1121	0.1113	5-40 (.125) UNC	0.1080	0.1054	0.1088	0.1069
5-44 (.125) UNF	0.1102	0.1134	0.1126	5-44 (.125) UNF	0.1095	0.1070	0.1102	0.1083
6-32 (.138) UNC	0.1177	0.1214	0.1204	6-32 (.138) UNC	0.1169	0.1141	0.1177	0.1156
6-40 (.138) UNF	0.1218	0.1252	0.1243	6-40 (.138) UNF	0.1210	0.1184	0.1218	0.1198
8-32 (.164) UNC	0.1437	0.1475	0.1465	8-32 (.164) UNC	0.1428	0.1399	0.1437	0.1415
8-36 (.164) UNF	0.1460	0.1496	0.1487	8-36 (.164) UNF	0.1452	0.1424	0.1460	0.1439
10-24 (.190) UNC	0.1629	0.1672	0.1661	10-24 (.190) UNC	0.1619	0.1586	0.1629	0.1604
10-32 (.190) UNF	0.1697	0.1736	0.1726	10-32 (.190) UNF	0.1688	0.1658	0.1697	0.1674
12-24 (.216) UNC	0.1889	0.1933	0.1922	12-24 (.216) UNC	0.1879	0.1845	0.1889	0.1863
12-28 (.216) UNF	0.1928	0.1970	0.1959	12-28 (.216) UNF	0.1918	0.1886	0.1928	0.1904
12-32 (.216) UNEF	0.1957	0.1998	0.1988	12-32 (.216) UNEF	0.1948	0.1917	0.1957	0.1933
1/4-20 UNC	0.2175	0.2224	0.2211	1/4-20 UNC	0.2164	0.2127	0.2175	0.2147
1/4-28 UNF	0.2268	0.2311	0.2300	1/4-28 UNF	0.2258	0.2225	0.2268	0.2243
1/4-32 UNEF	0.2297	0.2339	0.2328	1/4-32 UNEF	0.2287	0.2255	0.2297	0.2273
5/16-18 UNC	0.2764	0.2817	0.2803	5/16-18 UNC	0.2752	0.2712	0.2764	0.2734
5/16-24 UNF	0.2854	0.2902	0.2890	5/16-24 UNF	0.2843	0.2806	0.2854	0.2827
5/16-32 UNEF	0.2922	0.2964	0.2953	5/16-32 UNEF	0.2912	0.2880	0.2922	0.2898
3/8-16 UNC	0.3344	0.3401	0.3387	3/8-16 UNC	0.3331	0.3287	0.3344	0.3311
3/8-24 UNF	0.3479	0.3528	0.3516	3/8-24 UNF	0.3468	0.3430	0.3479	0.3450
3/8-32 UNEF	0.3547	0.3591	0.3580	3/8-32 UNEF	0.3537	0.3503	0.3547	0.3522
7/16-14 UNC	0.3911	0.3972	0.3957	7/16-14 UNC	0.3897	0.3850	0.3911	0.3876
7/16-20 UNF	0.4050	0.4104	0.4091	7/16-20 UNF	0.4037	0.3995	0.4050	0.4019
7/16-28 UNEF	0.4143	0.4189	0.4178	7/16-28 UNEF	0.4132	0.4096	0.4143	0.4116
1/2-13 UNC	0.4500	0.4565	0.4548	1/2-13 UNC	0.4485	0.4435	0.4500	0.4463
1/2-20 UNF	0.4675	0.4731	0.4717	1/2-20 UNF	0.4662	0.4619	0.4675	0.4643
1/2-28 UNEF	0.4768	0.4816	0.4804	1/2-28 UNEF	0.4757	0.4720	0.4768	0.4740
9/16-12 UNC	0.5084	0.5152	0.5135	9/16-12 UNC	0.5068	0.5016	0.5084	0.5045
9/16-18 UNF	0.5264	0.5323	0.5308	9/16-18 UNF	0.5250	0.5205	0.5264	0.5230
9/16-24 UNEF	0.5354	0.5405	0.5392	9/16-24 UNEF	0.5342	0.5303	0.5354	0.5325
5/8-11 UNC	0.5660	0.5732	0.5714	5/8-11 UNC	0.5644	0.5589	0.5660	0.5619
5/8-18 UNF	0.5889	0.5949	0.5934	5/8-18 UNF	0.5875	0.5828	0.5889	0.5854
5/8-24 UNEF	0.5979	0.6031	0.6018	5/8-24 UNEF	0.5967	0.5927	0.5979	0.5949
11/16-24 UNEF	0.6604	0.6656	0.6643	11/16-24 UNEF	0.6592	0.6552	0.6604	0.6574
3/4-10 UNC	0.6850	0.6927	0.6907	3/4-10 UNC	0.6832	0.6773	0.6850	0.6806
3/4-16 UNF	0.7094	0.7159	0.7143	3/4-16 UNF	0.7079	0.7029	0.7094	0.7056
3/4-20 UNEF	0.7175	0.7232	0.7218	3/4-20 UNEF	0.7162	0.7118	0.7175	0.7142
13/16-20 UNEF	0.7800	0.7857	0.7843	13/16-20 UNEF	0.7787	0.7743	0.7800	0.7767
7/8-9 UNC	0.8028	0.8110	0.8089	7/8-9 UNC	0.8009	0.7946	0.8028	0.7981
7/8-14 UNF	0.8286	0.8356	0.8339	7/8-14 UNF	0.8270	0.8216	0.8286	0.8245
7/8-20 UNEF	0.8425	0.8482	0.8468	7/8-20 UNEF	0.8412	0.8368	0.8425	0.8392
15/16-20 UNEF	0.9050	0.9109	0.9094	15/16-20 UNEF	0.9036	0.8991	0.9050	0.9016
1-8 UNC	0.9188	0.9276	0.9254	1-8 UNC	0.9168	0.9100	0.9188	0.9137
1-12 UNF	0.9459	0.9535	0.9516	1-12 UNF	0.9441	0.9382	0.9459	0.9415
1-14 UNS	0.9536	0.9609	0.9590	1-14 UNS	0.9519	0.9463	0.9536	0.9494
1-20 UNEF	0.9675	0.9734	0.9719	1-20 UNEF	0.9661	0.9616	0.9675	0.9641
1 1/16-12 UN	1.0084	1.0158	1.0139	1 1/16-12 UN	1.0067	1.0010	1.0084	1.0042
1 1/16-18 UNEF	1.0264	1.0326	1.0310	1 1/16-18 UNEF	1.0250	1.0203	1.0264	1.0228
1 1/8-7 UNC	1.0322	1.0416	1.0393	1 1/8-7 UNC	1.0300	1.0228	1.0322	1.0268
1 1/8-12 UNF	1.0709	1.0787	1.0768	1 1/8-12 UNF	1.0691	1.0631	1.0709	1.0664
1 1/8-18 UNEF	1.0889	1.0951	1.0935	1 1/8-18 UNEF	1.0875	1.0828	1.0889	1.0853
1 3/16-12 UN	1.1334	1.1409	1.1390	1 3/16-12 UN	1.1317	1.1259	1.1334	1.1291
1 3/16-18 UNEF	1.1514	1.1577	1.1561	1 3/16-18 UNEF	1.1499	1.1450	1.1514	1.1478
1 1/4-7 UNC	1.1572	1.1668	1.1644	1 1/4-7 UNC	1.1550	1.1476	1.1572	1.1517
1 1/4-12 UNF	1.1959	1.2039	1.2019	1 1/4-12 UNF	1.1941	1.1879	1.1959	1.1913
1 1/4-18 UNEF	1.2139	1.2202	1.2186	1 1/4-18 UNEF	1.2124	1.2075	1.2139	1.2103
1 5/16-12 UN	1.2584	1.2659	1.2640	1 5/16-12 UN	1.2567	1.2509	1.2584	1.2541
1 5/16-18 UNEF	1.2764	1.2827	1.2811	1 5/16-18 UNEF	1.2749	1.2700	1.2764	1.2728
1 3/8-6 UNC	1.2667	1.2771	1.2745	1 3/8-6 UNC	1.2643	1.2563	1.2667	1.2607
1 3/8-12 UNF	1.3209	1.3291	1.3270	1 3/8-12 UNF	1.3190	1.3127	1.3209	1.3162
1 3/8-18 UNEF	1.3389	1.3452	1.3436	1 3/8-18 UNEF	1.3374	1.3325	1.3389	1.3353
1 7/16-12 UN	1.3834	1.3910	1.3891	1 7/16-12 UN	1.3816	1.3757	1.3834	1.3790
1 7/16-18 UNEF	1.4014	1.4079	1.4062	1 7/16-18 UNEF	1.3999	1.3949	1.4014	1.3977
1 1/2-6 UNC	1.3917	1.4022	1.3996	1 1/2-6 UNC	1.3893	1.3812	1.3917	1.3856
1 1/2-12 UNF	1.4459	1.4542	1.4522	1 1/2-12 UNF	1.4440	1.4376	1.4459	1.4411
1 1/2-18 UNEF	1.4639	1.4704	1.4687	1 1/2-18 UNEF	1.4624	1.4574	1.4639	1.4602
1 5/8-12 UN	1.5709	1.5785	1.5766	1 5/8-12 UN	1.5691	1.5632	1.5709	1.5665
1 3/4-12 UN	1.6959	1.7037	1.7017	1 3/4-12 UN	1.6941	1.6881	1.6959	1.6914
1 7/8-12 UN	1.8209	1.8287	1.8267	1 7/8-12 UN	1.8191	1.8131	1.8209	1.8164
2-12 UN	1.9459	1.9538	1.9518	2"-12 UN	1.9441	1.9380	1.9459	1.9414
2 1/4-12 UN	2.1959	2.2038	2.2018	2 1/4-12 UN	2.1941	2.1880	2.1959	2.1914
2 1/2-12 UN	2.4459	2.4540	2.4519	2 1/2-12 UN	2.4440	2.4378	2.4459	2.4413