



## AXIAL Recommended Blank Diameters

### Blank Diameters In Inches For Straight, Metric Threads

Size in MM		Steel												Aluminum Alloy						
		10-50 C Soft		30-50 C Soft		30-50 C or Alloy 15-25 RC		30-50 C Chrome Nickel 26-32 RC		Stainless Chrome 300 Series*		Stainless Chrome 400 Series*		Brass and Bronze		Soft		Hard		
O.D.	Pitch	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	
3	.35	In.	.1085	.1080	.1088	.1083	.1090	.1085	.1091	.1086	.1094	.1089	.1091	.1086	.1088	.1083	.1090	.1085	.1088	.1083
3	.5	In.	.1044	.1039	.1047	.1042	.1049	.1044	.1050	.1045	.1053	.1048	.1050	.1045	.1047	.1042	.1049	.1044	.1047	.1042
3.5	.35	In.	.1282	.1277	.1284	.1279	.1286	.1281	.1287	.1282	.1290	.1285	.1287	.1282	.1284	.1279	.1286	.1281	.1284	.1279
3.5	.6	In.	.1214	.1209	.1218	.1213	.1219	.1214	.1221	.1216	.1224	.1219	.1221	.1216	.1218	.1213	.1219	.1214	.1218	.1213
4	.5	In.	.1438	.1433	.1441	.1436	.1442	.1437	.1444	.1439	.1447	.1442	.1444	.1439	.1441	.1436	.1442	.1437	.1441	.1436
4	.7	In.	.1386	.1380	.1389	.1383	.1391	.1385	.1393	.1387	.1397	.1391	.1393	.1387	.1389	.1383	.1391	.1385	.1389	.1383
4.5	.5	In.	.1635	.1630	.1638	.1633	.1639	.1634	.1641	.1636	.1644	.1639	.1641	.1636	.1638	.1633	.1639	.1634	.1638	.1633
5	.5	In.	.1831	.1826	.1835	.1830	.1836	.1831	.1837	.1832	.1841	.1836	.1837	.1832	.1835	.1830	.1836	.1831	.1835	.1830
5	.8	In.	.1754	.1747	.1757	.1751	.1759	.1753	.1761	.1755	.1765	.1758	.1761	.1755	.1757	.1751	.1759	.1753	.1757	.1751
6	.75	In.	.2159	.2153	.2163	.2157	.2165	.2159	.2167	.2161	.2170	.2164	.2167	.2161	.2163	.2157	.2165	.2159	.2163	.2157
6	1.0	In.	.2092	.2084	.2097	.2089	.2100	.2092	.2102	.2094	.2107	.2099	.2102	.2094	.2097	.2089	.2100	.2092	.2097	.2089
7	.75	In.	.2553	.2547	.2557	.2551	.2559	.2553	.2561	.2555	.2564	.2558	.2561	.2551	.2557	.2551	.2559	.2553	.2557	.2551
7	1.0	In.	.2486	.2478	.2491	.2483	.2494	.2486	.2496	.2488	.2501	.2493	.2496	.2488	.2491	.2483	.2494	.2486	.2491	.2483
8	1.0	In.	.2880	.2872	.2885	.2877	.2888	.2880	.2890	.2882	.2895	.2887	.2890	.2882	.2885	.2877	.2888	.2880	.2885	.2877
8	1.25	In.	.2815	.2807	.2820	.2812	.2822	.2814	.2825	.2817	.2830	.2822	.2825	.2817	.2820	.2812	.2822	.2814	.2820	.2812
9	1.0	In.	.3273	.3265	.3278	.3270	.3281	.3273	.3283	.3275	.3288	.3280	.3283	.3275	.3278	.3270	.3281	.3273	.3278	.3270
9	1.25	In.	.3209	.3201	.3214	.3206	.3216	.3208	.3219	.3211	.3224	.3216	.3219	.3211	.3214	.3206	.3216	.3208	.3214	.3206
10	1.0	In.	.3667	.3659	.3672	.3664	.3675	.3667	.3677	.3669	.3682	.3674	.3677	.3669	.3672	.3664	.3675	.3667	.3672	.3664
10	1.5	In.	.3537	.3529	.3543	.3535	.3546	.3538	.3549	.3541	.3554	.3546	.3549	.3541	.3543	.3535	.3546	.3538	.3543	.3535
11	1.5	In.	.3930	.3919	.3936	.3925	.3939	.3928	.3942	.3932	.3948	.3938	.3942	.3932	.3936	.3925	.3939	.3928	.3936	.3925
12	1.5	In.	.4324	.4313	.4330	.4319	.4333	.4322	.4336	.4326	.4342	.4332	.4336	.4326	.4330	.4319	.4333	.4322	.4330	.4319
12	1.75	In.	.4259	.4246	.4266	.4253	.4269	.4256	.4273	.4260	.4280	.4267	.4273	.4260	.4266	.4253	.4269	.4256	.4266	.4253
14	1.5	In.	.5111	.5100	.5117	.5106	.5120	.5109	.5123	.5113	.5129	.5119	.5123	.5113	.5117	.5106	.5120	.5109	.5117	.5106
14	2	In.	.4979	.4966	.4986	.4973	.4990	.4977	.4994	.4981	.5002	.4989	.4994	.4981	.4986	.4973	.4990	.4977	.4986	.4973
16	1.5	In.	.5899	.5888	.5905	.5894	.5908	.5897	.5911	.5901	.5917	.5907	.5911	.5901	.5905	.5894	.5908	.5897	.5905	.5894
16	2	In.	.5767	.5754	.5774	.5761	.5778	.5765	.5782	.5769	.5790	.5777	.5782	.5769	.5774	.5761	.5778	.5765	.5774	.5761
18	1.5	In.	.6686	.6675	.6692	.6681	.6695	.6684	.6698	.6688	.6704	.6694	.6698	.6688	.6692	.6681	.6695	.6684	.6692	.6681
18	2.5	In.	.6422	.6407	.6431	.6416	.6435	.6420	.6440	.6425	.6449	.6434	.6440	.6425	.6431	.6416	.6435	.6420	.6431	.6416
20	1.5	In.	.7474	.7463	.7480	.7469	.7483	.7472	.7486	.7476	.7492	.7482	.7486	1.7476	.7480	.7469	.7483	.7472	.7480	.7469
20	2.5	In.	.7210	.7195	.7219	.7204	.7223	.7208	.7228	.7213	.7237	.7222	.7228	.7213	.7219	.7204	.7223	.7208	.7219	.7204
22	1.5	In.	.8261	.8250	.8267	.8256	.8270	.8259	.8273	.8263	.8279	.8269	.8273	.8263	.8267	.8256	.8270	.8259	.8267	.8256
22	2.5	In.	.7997	.7982	.8006	.7991	.8010	.7995	.8015	.8000	.8024	.8009	.8015	.8000	.8006	.7991	.8010	.7995	.8006	.7991
24	2	In.	.8916	.8903	.8923	.8910	.8927	.8914	.8931	.8918	.8939	.8926	.8931	.8918	.8923	.8910	.8927	.8914	.8923	.8910
24	3	In.	.8653	.8634	.8663	.8645	.8668	.8650	.8673	.8655	.8683	.8664	.8673	.8655	.8663	.8645	.8668	.8650	.8663	.8645
27	2	In.	1.0097	1.0084	1.0104	1.0091	1.0108	1.0095	1.0112	1.0099	1.012	1.0107	1.0112	1.0099	1.0104	1.0091	1.0208	1.0095	1.0104	1.0091
27	3	In.	.9835	.9816	.9845	.9827	.9850	.9832	.9855	.9837	.9866	.9847	.9855	.9837	.9845	.9827	.9850	.9832	.9845	.9827

Note: These dimensions are for set-up reference. Diameters must be finally established by actual rolling.

\* Only Certain Grades Rollable