

1.25-7 UNC to 1.5625-20 UN Threads

	Nominal Size, TPI, Series	TPI	Pitch	<u>P/4</u>	<u>P/8</u>	Class	Allowance	<u>Max Major</u> Max Minor	Min Major Min Minor	<u>Min</u>	<u>Max Pitch</u>	Min Pitch	<u>UNR Minor Dia</u> Major Dia (Min)
			inch	inch	inch		inch	inch	inch	inch	inch	inch	inch
Ext.	1 ¹ / ₄ -7 UNC	7	0.14286	0.03571	0.01786	<u>1A</u>	0.0022	1.2478	1.2232	-	1.155	1.1439	1.0777
Int.		7	0.14286	0.03571	0.01786	<u>1B</u>		1.123	1.095		1.1716	1.1572	1.25
Ext.	1 ¹ / ₄ -7 UNC	7	0.14286	0.03571	0.01786	<u>2A</u>	0.0022	1.2478	1.2314	1.223	1.155	1.1476	1.0777
Int.		7	0.14286	0.03571	0.01786	<u>2B</u>		1.123	1.095		1.1668	1.1572	1.25
Ext.	1 ¹ / ₄ -7 UNC	7	0.14286	0.03571	0.01786	<u>3A</u>	0	1.25	1.2336	-	1.1572	1.1517	1.0799
Int.		7	0.14286	0.03571	0.01786	<u>3B</u>		1.1125	1.095		1.1644	1.1572	1.25
Ext.	1 ¹ / ₄ -8 UN	8	0.12500	0.03125	0.01563	<u>2A</u>	0.0021	1.2479	1.2329	1.225	1.1667	1.1597	1.0991
Int.		8	0.12500	0.03125	0.01563	<u>2B</u>		1.14	1.115		1.178	1.1688	1.25
Ext.	1 ¹ / ₄ -8 UN	8	0.12500	0.03125	0.01563	<u>3A</u>	0	1.25	1.235	-	1.1688	1.1635	1.1012
Int.		8	0.12500	0.03125	0.01563	<u>3B</u>		1.1297	1.115		1.1757	1.1688	1.25
Ext.	1 ¹ / ₄ -10 UNS	10	0.10000	0.02500	0.01250	<u>2A</u>	0.0019	1.2481	1.2352	-	1.1831	1.1768	1.1291
Int.		10	0.10000	0.02500	0.01250	<u>2B</u>		1.163	1.142		1.1932	1.185	1.25
Ext.	1 ¹ / ₄ -12 UNF	12	0.08333	0.02083	0.01042	<u>1A</u>	0.0018	1.2482	1.231	-	1.1941	1.1849	1.149
Int.		12	0.08333	0.02083	0.01042	<u>1B</u>		1.178	1.16		1.2079	1.1959	1.25
Ext.	1 ¹ / ₄ -12 UNF	12	0.08333	0.02083	0.01042	<u>2A</u>	0.0018	1.2482	1.2368	-	1.1941	1.1879	1.149
Int.		12	0.08333	0.02083	0.01042	<u>2B</u>		1.178	1.16		1.2039	1.1959	1.25
Ext.	1 ¹ / ₄ -12 UNF	12	0.08333	0.02083	0.01042	<u>3A</u>	0	1.25	1.2386	-	1.1959	1.1913	1.1508
Int.		12	0.08333	0.02083	0.01042	<u>3B</u>		1.1698	1.16		1.2019	1.1959	1.25
Ext.	1 ¹ / ₄ -14 UNS	14	0.07143	0.01786	0.00893	<u>2A</u>	0.0016	1.2484	1.2381	-	1.202	1.1966	1.1634
Int.		14	0.07143	0.01786	0.00893	<u>2B</u>		1.188	1.173		1.2106	1.2036	1.25
Ext.	1 ¹ / ₄ -16 UN	16	0.06250	0.01563	0.00781	<u>2A</u>	0.0015	1.2485	1.2391	-	1.2079	1.2028	1.174
Int.		16	0.06250	0.01563	0.00781	<u>2B</u>		1.196	1.182		1.216	1.2094	1.25
Ext.	1 ¹ / ₄ -16 UN	16	0.06250	0.01563	0.00781	<u>3A</u>	0	1.25	1.2406	-	1.2094	1.2056	1.1755
Int.		16	0.06250	0.01563	0.00781	<u>3B</u>		1.1908	1.182		1.2144	1.2094	1.25
Ext.	1 ¹ / ₄ -18 UNEF	18	0.05556	0.01389	0.00694	<u>2A</u>	0.0015	1.2485	1.2398	-	1.2124	1.2075	1.1824
Int.		18	0.05556	0.01389	0.00694	<u>2B</u>		1.203	1.19		1.2202	1.2139	1.25
Ext.	1 ¹ / ₄ -18 UNEF	18	0.05556	0.01389	0.00694	<u>3A</u>	0	1.25	1.2413	-	1.2139	1.2103	1.1839
Int.		18	0.05556	0.01389	0.00694	<u>3B</u>		1.198	1.19		1.2186	1.2139	1.25
Ext.	1 ¹ / ₄ -20 UN	20	0.05000	0.01250	0.00625	<u>2A</u>	0.0014	1.2486	1.2405	-	1.2161	1.2114	1.1891
Int.		20	0.05000	0.01250	0.00625	<u>2B</u>		1.207	1.196		1.2236	1.2175	1.25
Ext.	1 ¹ / ₄ -20 UN	20	0.05000	0.01250	0.00625	<u>3A</u>	0	1.25	1.2419	-	1.2175	1.214	1.1905
Int.		20	0.05000	0.01250	0.00625	<u>3B</u>		1.2037	1.196		1.222	1.2175	1.25

Ext.	1 ¹ / ₄ -24 UNS	24	0.04167	0.01042	0.00521	2A	0.0013	1.2487	1.2415	-	1.2216	1.2173	1.1991
Int.		24	0.04167	0.01042	0.00521	2B		1.215	1.205		1.2285	1.2229	1.25
Ext.	1 ¹ / ₄ -28 UN	28	0.03571	0.00893	0.00446	2A	0.0012	1.2488	1.2423	-	1.2256	1.2215	1.2062
Int.		28	0.03571	0.00893	0.00446	2B		1.22	1.211		1.2321	1.2268	1.25
Ext.	1 ¹ / ₄ -28 UN	28	0.03571	0.00893	0.00446	3A	0	1.2435	1.2435	-	1.2268	1.2237	1.2074
Int.		28	0.03571	0.00893	0.00446	3B		1.2176	1.211		1.2308	1.2268	1.25
Ext.	1 ⁵ / ₁₆ -8 UN	8	0.12500	0.03125	0.01563	2A	0.0021	1.3104	1.2954	-	1.2292	1.2221	1.1616
Int.		8	0.12500	0.03125	0.01563	2B		1.202	1.177		1.2405	1.2313	1.3125
Ext.	1 ⁵ / ₁₆ -8 UN	8	0.12500	0.03125	0.01563	3A	0	1.3125	1.2975	-	1.2313	1.226	1.1637
Int.		8	0.12500	0.03125	0.01563	3B		1.1922	1.177		1.2382	1.2313	1.3125
Ext.	1 ⁵ / ₁₆ -12 UN	12	0.08333	0.02083	0.01042	2A	0.0017	1.3108	1.2994	-	1.2567	1.2509	1.2116
Int.		12	0.08333	0.02083	0.01042	2B		1.24	1.222		1.2659	1.2584	1.3125
Ext.	1 ⁵ / ₁₆ -12 UN	12	0.08333	0.02083	0.01042	3A	0	1.3125	1.3011	-	1.2584	1.2541	1.2133
Int.		12	0.08333	0.02083	0.01042	3B		1.2323	1.222		1.264	1.2584	1.3125
Ext.	1 ⁵ / ₁₆ -16 UN	16	0.06250	0.01563	0.00781	2A	0.0015	1.311	1.3016	-	1.2704	1.2653	1.2365
Int.		16	0.06250	0.01563	0.00781	2B		1.259	1.245		1.2785	1.2719	1.3125
Ext.	1 ⁵ / ₁₆ -16 UN	16	0.06250	0.01563	0.00781	3A	0	1.3125	1.3031	-	1.2719	1.2681	1.238
Int.		16	0.06250	0.01563	0.00781	3B		1.2533	1.245		1.2769	1.2719	1.3125
Ext.	1 ⁵ / ₁₆ -18 UNEF	18	0.05556	0.01389	0.00694	2A	0.0015	1.311	1.3023	-	1.2749	1.27	1.2449
Int.		18	0.05556	0.01389	0.00694	2B		1.265	1.252		1.2827	1.2764	1.3125
Ext.	1 ⁵ / ₁₆ -18 UNEF	18	0.05556	0.01389	0.00694	3A	0	1.3125	1.3038	-	1.2764	1.2728	1.2464
Int.		18	0.05556	0.01389	0.00694	3B		1.2605	1.252		1.2811	1.2764	1.3125
Ext.	1 ⁵ / ₁₆ -20 UN	20	0.05000	0.01250	0.00625	2A	0.0014	1.3111	1.303	-	1.2786	1.2739	1.2516
Int.		20	0.05000	0.01250	0.00625	2B		1.27	1.258		1.2861	1.28	1.3125
Ext.	1 ⁵ / ₁₆ -20 UN	20	0.05000	0.01250	0.00625	3A	0	1.3125	1.3044	-	1.28	1.2765	1.253
Int.		20	0.05000	0.01250	0.00625	3B		1.2662	1.258		1.2845	1.28	1.3125
Ext.	1 ⁵ / ₁₆ -28 UN	20	0.05000	0.01250	0.00625	2A	0.0012	1.3113	1.3048	-	1.2881	1.284	1.2687
Int.		20	0.05000	0.01250	0.00625	2B		1.282	1.274		1.2946	1.2893	1.3125
Ext.	1 ⁵ / ₁₆ -28 UN	28	0.03571	0.00893	0.00446	3A	0	1.3125	1.306	-	1.2893	1.2862	1.2699
Int.		28	0.03571	0.00893	0.00446	3B		1.2801	1.274		1.2933	1.2893	1.3125
Ext.	1 ³ / ₈ -6 UNC	6	0.16667	0.04167	0.02083	1A	0.0024	1.3726	1.3453	-	1.2643	1.2523	1.1742
Int.		6	0.16667	0.04167	0.02083	1B		1.225	1.195		1.2822	1.2667	1.375
Ext.	1 ³ / ₈ -6 UNC	6	0.16667	0.04167	0.02083	2A	0.0024	1.3726	1.3544	1.345	1.2643	1.2563	1.1742
Int.		6	0.16667	0.04167	0.02083	2B		1.225	1.195		1.2771	1.2667	1.375
Ext.	1 ³ / ₈ -6 UNC	6	0.16667	0.04167	0.02083	3A	0	1.375	1.3568	-	1.2667	1.2607	1.1766
Int.		6	0.16667	0.04167	0.02083	3B		1.2146	1.195		1.2745	1.2667	1.375
Ext.	1 ³ / ₈ -8 UN	8	0.12500	0.03125	0.01563	2A	0.0022	1.3728	1.3578	1.35	1.2916	1.2844	1.224

Int.		8	0.12500	0.03125	0.01563	2B		1.265	1.24	-	1.3031	1.2938	1.375
Ext.	1 ³ / ₈ -8 UN	8	0.12500	0.03125	0.01563	3A	0	1.375	1.36	-	1.2938	1.2884	1.2262
Int.		8	0.12500	0.03125	0.01563	3B		1.2547	1.24	-	1.3008	1.2938	1.375
Ext.	1 ³ / ₈ -10 UNS	10	0.10000	0.02500	0.01250	2A	0.0019	1.3731	1.3602	-	1.3081	1.3018	1.2541
Int.		10	0.10000	0.02500	0.01250	2B		1.288	1.267	-	1.3182	1.31	1.375
Ext.	1 ³ / ₈ -12 UNF	12	0.08333	0.02083	0.01042	1A	0.0019	1.3731	1.3559	-	1.319	1.3096	1.2739
Int.		12	0.08333	0.02083	0.01042	1B		1.303	1.285	-	1.3332	1.3209	1.375
Ext.	1 ³ / ₈ -12 UNF	12	0.08333	0.02083	0.01042	2A	0.0019	1.3731	1.3617	-	1.319	1.3127	1.2739
Int.		12	0.08333	0.02083	0.01042	2B		1.303	1.285	-	1.3291	1.3209	1.375
Ext.	1 ³ / ₈ -12 UNF	12	0.08333	0.02083	0.01042	3A	0	1.375	1.3636	-	1.3209	1.3162	1.2758
Int.		12	0.08333	0.02083	0.01042	3B		1.2948	1.285	-	1.327	1.3209	1.375
Ext.	1 ³ / ₈ -14 UNS	14	0.07143	0.01786	0.00893	2A	0.0016	1.3734	1.3631	-	1.327	1.3216	1.2884
Int.		14	0.07143	0.01786	0.00893	2B		1.314	1.298	-	1.3356	1.3286	1.375
Ext.	1 ³ / ₈ -16 UN	16	0.06250	0.01563	0.00781	2A	0.0015	1.3735	1.3641	-	1.3329	1.3278	1.299
Int.		16	0.06250	0.01563	0.00781	2B		1.321	1.307	-	1.341	1.3344	1.375
Ext.	1 ³ / ₈ -16 UN	16	0.06250	0.01563	0.00781	3A	0	1.375	1.3656	-	1.3344	1.3306	1.3005
Int.		16	0.06250	0.01563	0.00781	3B		1.3158	1.307	-	1.3394	1.3344	1.375
Ext.	1 ³ / ₈ -18 UNEF	18	0.05556	0.01389	0.00694	2A	0.0015	1.3735	1.3648	-	1.3374	1.3325	1.3074
Int.		18	0.05556	0.01389	0.00694	2B		1.328	1.315	-	1.3452	1.3389	1.375
Ext.	1 ³ / ₈ -18 UNEF	18	0.05556	0.01389	0.00694	3A	0	1.375	1.3663	-	1.3389	1.3353	1.3089
Int.		18	0.05556	0.01389	0.00694	3B		1.323	1.315	-	1.3436	1.3389	1.375
Ext.	1 ³ / ₈ -20 UN	20	0.05000	0.01250	0.00625	2A	0.0014	1.3736	1.3655	-	1.3411	1.3364	1.3141
Int.		20	0.05000	0.01250	0.00625	2B		1.332	1.321	-	1.3486	1.3425	1.375
Ext.	1 ³ / ₈ -20 UN	20	0.05000	0.01250	0.00625	3A	0	1.375	1.3669	-	1.3425	1.339	1.3155
Int.		20	0.05000	0.01250	0.00625	3B		1.3287	1.321	-	1.347	1.3425	1.375
Ext.	1 ³ / ₈ -24 UNS	24	0.04167	0.01042	0.00521	2A	0.0013	1.3737	1.3665	-	1.3466	1.3423	1.3241
Int.		24	0.04167	0.01042	0.00521	2B		1.34	1.33	-	1.3535	1.3479	1.375
Ext.	1 ³ / ₈ -28 UN	28	0.03571	0.00893	0.00446	2A	0.0012	1.3738	1.3673	-	1.3506	1.3465	1.3312
Int.		28	0.03571	0.00893	0.00446	2B		1.345	1.336	-	1.3571	1.3518	1.375
Ext.	1 ³ / ₈ -28 UN	28	0.03571	0.00893	0.00446	3A	0	1.375	1.3685	-	1.3518	1.3487	1.3324
Int.		28	0.03571	0.00893	0.00446	3B		1.3426	1.336	-	1.3558	1.3518	1.375
Ext.	1 ⁷ / ₁₆ -6 UN	6	0.16667	0.04167	0.02083	2A	0.0024	1.4351	1.4169	-	1.3268	1.3188	1.2367
Int.		6	0.16667	0.04167	0.02083	2B		1.288	1.257	-	1.3396	1.3292	1.4375
Ext.	1 ⁷ / ₁₆ -6 UN	6	0.16667	0.04167	0.02083	3A	0	1.4375	1.4193	-	1.3292	1.3232	1.2391
Int.		6	0.16667	0.04167	0.02083	3B		1.2771	1.257	-	1.337	1.3292	1.4375
Ext.	1 ⁷ / ₁₆ -8 UN	8	0.12500	0.03125	0.01563	2A	0.0022	1.4353	1.4203	-	1.3541	1.3469	1.2865
Int.		8	0.12500	0.03125	0.01563	2B		1.327	1.302	-	1.3657	1.3563	1.4375

Ext.	1 ⁷ / ₁₆ -8 UN	8	0.12500	0.03125	0.01563	3A	0	1.4375	1.4225	-	1.3563	1.3509	1.2887
Int.		8	0.12500	0.03125	0.01563	3B		1.3172	1.302		1.3634	1.3563	1.4375
Ext.	1 ⁷ / ₁₆ -12 UN	12	0.08333	0.02083	0.01042	2A	0.0018	1.4357	1.4243	-	1.3816	1.3757	1.3365
Int.		12	0.08333	0.02083	0.01042	2B		1.365	1.347		1.391	1.3834	1.4375
Ext.	1 ⁷ / ₁₆ -12 UN	12	0.08333	0.02083	0.01042	3A	0	1.4375	1.4261	-	1.3834	1.379	1.3383
Int.		12	0.08333	0.02083	0.01042	3B		1.3573	1.347		1.3891	1.3834	1.4375
Ext.	1 ⁷ / ₁₆ -16 UN	16	0.06250	0.01563	0.00781	2A	0.0016	1.4359	1.4265	-	1.3953	1.3901	1.3614
Int.		16	0.06250	0.01563	0.00781	2B		1.384	1.37		1.4037	1.3969	1.4375
Ext.	1 ⁷ / ₁₆ -16 UN	16	0.06250	0.01563	0.00781	3A	0	1.4375	1.4281	-	1.3969	1.393	1.363
Int.		16	0.06250	0.01563	0.00781	3B		1.3783	1.37		1.402	1.3969	1.4375
Ext.	1 ⁷ / ₁₆ -18 UNEF	18	0.05556	0.01389	0.00694	2A	0.0015	1.436	1.4273	-	1.3999	1.3949	1.3699
Int.		18	0.05556	0.01389	0.00694	2B		1.39	1.377		1.4079	1.4014	1.4375
Ext.	1 ⁷ / ₁₆ -18 UNEF	18	0.05556	0.01389	0.00694	3A	0	1.4375	1.4288	-	1.4014	1.3977	1.3714
Int.		18	0.05556	0.01389	0.00694	3B		1.3855	1.377		1.4062	1.4014	1.4375
Ext.	1 ⁷ / ₁₆ -20 UN	20	0.05000	0.01250	0.00625	2A	0.0014	1.4361	1.428	-	1.4036	1.3988	1.3766
Int.		20	0.05000	0.01250	0.00625	2B		1.395	1.383		1.4112	1.405	1.4375
Ext.	1 ⁷ / ₁₆ -20 UN	20	0.05000	0.01250	0.00625	3A	0	1.4375	1.4294	-	1.405	1.4014	1.378
Int.		20	0.05000	0.01250	0.00625	3B		1.3912	1.383		1.4096	1.405	1.4375
Ext.	1 ⁷ / ₁₆ -28 UN	28	0.03571	0.00893	0.00446	2A	0.0013	1.4362	1.4297	-	1.413	1.4088	1.3936
Int.		28	0.03571	0.00893	0.00446	2B		1.407	1.399		1.4198	1.4143	1.4375
Ext.	1 ⁷ / ₁₆ -28 UN	28	0.03571	0.00893	0.00446	3A	0	1.4375	1.431	-	1.4143	1.4112	1.3949
Int.		28	0.03571	0.00893	0.00446	3B		1.4051	1.399		1.4184	1.4143	1.4375
Ext.	1 ¹ / ₂ -6 UNC	6	0.16667	0.04167	0.02083	1A	0.0024	1.4976	1.4703	-	1.3893	1.3772	1.2992
Int.		6	0.16667	0.04167	0.02083	1B		1.35	1.32		1.4075	1.3917	1.5
Ext.	1 ¹ / ₂ -6 UNC	6	0.16667	0.04167	0.02083	2A	0.0024	1.4976	1.4794	1.47	1.3893	1.3812	1.2992
Int.		6	0.16667	0.04167	0.02083	2B		1.35	1.32		1.4022	1.3917	1.5
Ext.	1 ¹ / ₂ -6 UNC	6	0.16667	0.04167	0.02083	3A	0	1.5	1.4818	-	1.3917	1.3856	1.3016
Int.		6	0.16667	0.04167	0.02083	3B		1.3396	1.32		1.3996	1.3917	1.5
Ext.	1 ¹ / ₂ -8 UN	8	0.12500	0.03125	0.01563	2A	0.0022	1.4978	1.4828	1.475	1.4166	1.4093	1.349
Int.		8	0.12500	0.03125	0.01563	2B		1.39	1.365		1.4283	1.4188	1.5
Ext.	1 ¹ / ₂ -8 UN	8	0.12500	0.03125	0.01563	3A	0	1.5	1.485	-	1.4188	1.4133	1.3512
Int.		8	0.12500	0.03125	0.01563	3B		1.3797	1.365		1.4259	1.4188	1.5
Ext.	1 ¹ / ₂ -10 UNS	10	0.10000	0.02500	0.01250	2A	0.0019	1.4981	1.4852	-	1.4331	1.4267	1.3791
Int.		10	0.10000	0.02500	0.01250	2B		1.413	1.392		1.4433	1.435	1.5
Ext.	1 ¹ / ₂ -12 UNF	12	0.08333	0.02083	0.01042	1A	0.0019	1.4981	1.4809	-	1.444	1.4344	1.3989
Int.		12	0.08333	0.02083	0.01042	1B		1.428	1.41		1.4584	1.4459	1.5
Ext.	1 ¹ / ₂ -12 UNF	12	0.08333	0.02083	0.01042	2A	0.0019	1.4981	1.4867	-	1.444	1.4376	1.3989

Int.		12	0.08333	0.02083	0.01042	2B		1.428	1.41		1.4542	1.4459	1.5
Ext.	1 ¹ / ₂ -12 UNF	12	0.08333	0.02083	0.01042	3A	0	1.5	1.4886	-	1.4459	1.4411	1.4008
Int.		12	0.08333	0.02083	0.01042	3B		1.4198	1.41		1.4522	1.4459	1.5
Ext.	1 ¹ / ₂ -14 UNS	14	0.07143	0.01786	0.00893	2A	0.0017	1.4983	1.488	-	1.4519	1.4464	1.4133
Int.		14	0.07143	0.01786	0.00893	2B		1.438	1.423		1.4608	1.4536	1.5
Ext.	1 ¹ / ₂ -16 UN	16	0.06250	0.01563	0.00781	2A	0.0016	1.4984	1.489	-	1.4578	1.4526	1.4239
Int.		16	0.06250	0.01563	0.00781	2B		1.446	1.432		1.4662	1.4594	1.5
Ext.	1 ¹ / ₂ -16 UN	16	0.06250	0.01563	0.00781	3A	0	1.5	1.4906	-	1.4594	1.4555	1.4255
Int.		16	0.06250	0.01563	0.00781	3B		1.4408	1.432		1.4645	1.4594	1.5
Ext.	1 ¹ / ₂ -18 UNEF	18	0.05556	0.01389	0.00694	2A	0.0015	1.4985	1.4898	-	1.4624	1.4574	1.4324
Int.		18	0.05556	0.01389	0.00694	2B		1.452	1.44		1.4704	1.4639	1.5
Ext.	1 ¹ / ₂ -18 UNEF	18	0.05556	0.01389	0.00694	3A	0	1.5	1.4913	-	1.4639	1.4602	1.4339
Int.		18	0.05556	0.01389	0.00694	3B		1.448	1.44		1.4687	1.4639	1.5
Ext.	1 ¹ / ₂ -20 UN	20	0.05000	0.01250	0.00625	2A	0.0014	1.4986	1.4905	-	1.4661	1.4613	1.4391
Int.		20	0.05000	0.01250	0.00625	2B		1.457	1.446		1.4737	1.4675	1.5
Ext.	1 ¹ / ₂ -20 UN	20	0.05000	0.01250	0.00625	3A	0	1.5	1.4919	-	1.4675	1.4639	1.4405
Int.		20	0.05000	0.01250	0.00625	3B		1.4537	1.446		1.4721	1.4675	1.5
Ext.	1 ¹ / ₂ -24 UNS	24	0.04167	0.01042	0.00521	2A	0.0013	1.4987	1.4915	-	1.4716	1.4672	1.4991
Int.		24	0.04167	0.01042	0.00521	2B		1.465	1.455		1.4787	1.4729	1.5
Ext.	1 ¹ / ₂ -28 UN	28	0.03571	0.00893	0.00446	2A	0.0013	1.4987	1.4922	-	1.4755	1.4713	1.4561
Int.		28	0.03571	0.00893	0.00446	2B		1.47	1.461		1.4823	1.4768	1.5
Ext.	1 ¹ / ₂ -28 UN	28	0.03571	0.00893	0.00446	3A	0	1.5	1.4935	-	1.4768	1.4737	1.4574
Int.		28	0.03571	0.00893	0.00446	3B		4.4676	1.461		1.4809	1.4768	1.5
Ext.	1 ⁹ / ₁₆ -6 UN	6	0.16667	0.04167	0.02083	2A	0.0024	1.5601	1.5419	-	1.4518	1.4436	1.3617
Int.		6	0.16667	0.04167	0.02083	2B		1.413	1.382		1.4648	1.4542	1.5625
Ext.	1 ⁹ / ₁₆ -6 UN	6	0.16667	0.04167	0.02083	3A	0	1.5625	1.5443	-	1.4542	1.4481	1.3641
Int.		6	0.16667	0.04167	0.02083	3B		1.4021	1.382		1.4622	1.4542	1.5625
Ext.	1 ⁹ / ₁₆ -8 UN	8	0.12500	0.03125	0.01563	2A	0.0022	1.5603	1.5453	-	1.4791	1.4717	1.4115
Int.		8	0.12500	0.03125	0.01563	2B		1.452	1.427		1.4909	1.4813	1.5625
Ext.	1 ⁹ / ₁₆ -8 UN	8	0.12500	0.03125	0.01563	3A	0	1.5625	1.5475	-	1.4813	1.4758	1.4137
Int.		8	0.12500	0.03125	0.01563	3B		1.4422	1.427		1.4885	1.4813	1.5625
Ext.	1 ⁹ / ₁₆ -12 UN	12	0.08333	0.02083	0.01042	2A	0.0018	1.5607	1.5493	-	1.5066	1.5007	1.4615
Int.		12	0.08333	0.02083	0.01042	2B		1.49	1.472		1.516	1.5084	1.5625
Ext.	1 ⁹ / ₁₆ -12 UN	12	0.08333	0.02083	0.01042	3A	0	1.5625	1.5511	-	1.5084	1.504	1.4633
Int.		12	0.08333	0.02083	0.01042	3B		1.4823	1.472		1.5141	1.5084	1.5625
Ext.	1 ⁹ / ₁₆ -16 UN	16	0.06250	0.01563	0.00781	2A	0.0016	1.5609	1.5515	-	1.5203	1.5151	1.4864
Int.		16	0.06250	0.01563	0.00781	2B		1.509	1.495		1.5287	1.5219	1.5625

Ext.	1 ⁹ / ₁₆ -16 UN	16	0.06250	0.01563	0.00781	3A	0	1.5625	1.5531	-	1.5219	1.518	1.488
Int.		16	0.06250	0.01563	0.00781	3B		1.5033	1.495		1.527	1.5219	1.5625
Ext.	1 ⁹ / ₁₆ -18 UNEF	18	0.05556	0.01389	0.00694	2A	0.0015	1.561	1.5523	-	1.5249	1.5199	1.4949
Int.		18	0.05556	0.01389	0.00694	2B		1.515	1.502		1.5329	1.5264	1.5625
Ext.	1 ⁹ / ₁₆ -18 UNEF	18	0.05556	0.01389	0.00694	3A	0	1.5625	1.5538	-	1.5264	1.5227	1.4964
Int.		18	0.05556	0.01389	0.00694	3B		1.5105	1.502		1.5312	1.5264	1.5625
Ext.	1 ⁹ / ₁₆ -20 UN	20	0.05000	0.01250	0.00625	2A	0.0014	1.5611	1.553	-	1.5286	1.5238	1.5016
Int.		20	0.05000	0.01250	0.00625	2B		1.52	1.508		1.5362	1.53	1.5625
Ext.	1 ⁹ / ₁₆ -20 UN	20	0.05000	0.01250	0.00625	3A	0	1.5625	1.5544	-	1.53	1.5264	1.503
Int.		20	0.05000	0.01250	0.00625	3B		1.5162	1.508		1.5346	1.53	1.5625

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