

Thread · Class · **major Ø min–max** · **pitch Ø min–max** · minor Ø min–max — diameters in inMetric

M1 x 0.2	6g	0.0365–0.0387	0.0317–0.0336	0.0269–0.0302
M1 x 0.25	6g	0.0360–0.0387	0.0302–0.0323	0.0241–0.0280
M1.1 x 0.2	6g	0.0404–0.0426	0.0357–0.0375	0.0308–0.0341
M1.1 x 0.25	6g	0.0400–0.0426	0.0341–0.0362	0.0281–0.0319
M1.2 x 0.2	6g	0.0444–0.0466	0.0396–0.0415	0.0347–0.0380
M1.2 x 0.25	6g	0.0439–0.0465	0.0381–0.0402	0.0320–0.0359
M1.4 x 0.2	6g	0.0522–0.0544	0.0475–0.0493	0.0426–0.0459
M1.4 x 0.3	6g	0.0515–0.0544	0.0445–0.0467	0.0372–0.0416
#0-80 UNF	2A	0.0563–0.0595	0.0496–0.0514	0.0415–0.0442
M1.6 x 0.2	6g	0.0601–0.0623	0.0552–0.0572	0.0504–0.0538
M1.6 x 0.35	6g	0.0589–0.0622	0.0508–0.0533	0.0423–0.0473
M1.8 x 0.2	6g	0.0680–0.0702	0.0631–0.0651	0.0583–0.0617
M1.8 x 0.35	6g	0.0668–0.0701	0.0587–0.0612	0.0502–0.0552
#1-72 UNF	2A	0.0689–0.0724	0.0615–0.0634	0.0525–0.0554
#1-64 UNC	2A	0.0686–0.0724	0.0603–0.0623	0.0502–0.0532
M2 x 0.25	6g	0.0754–0.0780	0.0694–0.0717	0.0634–0.0674
M2 x 0.4	6g	0.0743–0.0780	0.0651–0.0678	0.0554–0.0609
#2-64 UNF	2A	0.0816–0.0854	0.0733–0.0753	0.0632–0.0662
#2-56 UNC	2A	0.0813–0.0854	0.0717–0.0738	0.0601–0.0635
M2.2 x 0.25	6g	0.0833–0.0859	0.0773–0.0795	0.0713–0.0752
M2.2 x 0.45	6g	0.0819–0.0858	0.0715–0.0743	0.0606–0.0667
M2.5 x 0.35	6g	0.0943–0.0977	0.0863–0.0887	0.0778–0.0828
M2.5 x 0.45	6g	0.0937–0.0976	0.0833–0.0861	0.0724–0.0785
#3-56 UNF	2A	0.0942–0.0983	0.0845–0.0867	0.0729–0.0764
#3-48 UNC	2A	0.0938–0.0983	0.0825–0.0848	0.0690–0.0727
#4-48 UNF	2A	0.1068–0.1113	0.0954–0.0978	0.0819–0.0857
#4-40 UNC	2A	0.1061–0.1112	0.0925–0.0950	0.0763–0.0805
M3 x 0.35	6g	0.1140–0.1174	0.1058–0.1084	0.0973–0.1024
M3 x 0.5	6g	0.1131–0.1173	0.1016–0.1045	0.0894–0.0960
#5-44 UNF	2A	0.1195–0.1243	0.1070–0.1095	0.0922–0.0964
#5-40 UNC	2A	0.1191–0.1242	0.1054–0.1080	0.0892–0.0935
M3.5 x 0.35	6g	0.1337–0.1370	0.1255–0.1281	0.1170–0.1221
M3.5 x 0.6	6g	0.1320–0.1370	0.1183–0.1216	0.1037–0.1114
#6-40 UNF	2A	0.1321–0.1372	0.1184–0.1210	0.1022–0.1065
#6-32 UNC	2A	0.1312–0.1372	0.1141–0.1169	0.0938–0.0989
M4 x 0.5	6g	0.1525–0.1567	0.1409–0.1439	0.1288–0.1354
M4 x 0.7	6g	0.1511–0.1566	0.1352–0.1387	0.1182–0.1268
#8-36 UNF	2A	0.1577–0.1632	0.1424–0.1452	0.1244–0.1291
#8-32 UNC	2A	0.1571–0.1631	0.1399–0.1428	0.1196–0.1248
M4.5 x 0.5	6g	0.1722–0.1764	0.1606–0.1636	0.1485–0.1551
M4.5 x 0.75	6g	0.1708–0.1763	0.1536–0.1571	0.1354–0.1443
#10-32 UNF	2A	0.1831–0.1891	0.1658–0.1688	0.1455–0.1508
#10-24 UNC	2A	0.1818–0.1890	0.1586–0.1619	0.1315–0.1379
M5 x 0.5	6g	0.1919–0.1961	0.1803–0.1833	0.1682–0.1748
M5 x 0.8	6g	0.1900–0.1959	0.1717–0.1754	0.1523–0.1618
#12-28 UNF	2A	0.2085–0.2150	0.1886–0.1918	0.1654–0.1712
#12-24 UNC	2A	0.2078–0.2150	0.1845–0.1879	0.1574–0.1639
M5.5 x 0.5	6g	0.2116–0.2157	0.2000–0.2030	0.1879–0.1944
M6 x 0.75	6g	0.2298–0.2354	0.2122–0.2162	0.1941–0.2034
M6 x 1	6g	0.2281–0.2352	0.2052–0.2096	0.1809–0.1926
1/4-28 UNF	2A	0.2425–0.2490	0.2225–0.2258	0.1993–0.2052
1/4-20 UNC	2A	0.2408–0.2489	0.2127–0.2164	0.1802–0.1876
M7 x 0.75	6g	0.2692–0.2747	0.2516–0.2556	0.2334–0.2428
M7 x 1	6g	0.2675–0.2746	0.2446–0.2490	0.2203–0.2319
5/16-24 UNF	2A	0.3042–0.3114	0.2806–0.2843	0.2535–0.2603
5/16-18 UNC	2A	0.3026–0.3113	0.2712–0.2752	0.2351–0.2431
M8 x 0.75	6g	0.3086–0.3141	0.2910–0.2949	0.2728–0.2821
M8 x 1	6g	0.3069–0.3139	0.2839–0.2883	0.2597–0.2713
M8 x 1.25	6g	0.3055–0.3139	0.2772–0.2819	0.2469–0.2606
M9 x 0.75	6g	0.3480–0.3535	0.3304–0.3343	0.3122–0.3215
M9 x 1	6g	0.3462–0.3533	0.3233–0.3277	0.2991–0.3107
M9 x 1.25	6g	0.3449–0.3532	0.3166–0.3213	0.2863–0.3000
3/8-24 UNF	2A	0.3667–0.3739	0.3430–0.3468	0.3159–0.3228
3/8-16 UNC	2A	0.3643–0.3737	0.3287–0.3331	0.2881–0.2970
M10 x 0.75	6g	0.3873–0.3928	0.3697–0.3737	0.3515–0.3609
M10 x 1	6g	0.3856–0.3927	0.3627–0.3671	0.3384–0.3500
M10 x 1.25	6g	0.3843–0.3926	0.3560–0.3606	0.3257–0.3393
M10 x 1.5	6g	0.3831–0.3924	0.3489–0.3541	0.3125–0.3285
M11 x 0.75	6g	0.4267–0.4322	0.4091–0.4130	0.3909–0.4002
M11 x 1	6g	0.4250–0.4320	0.4020–0.4065	0.3778–0.3894
M11 x 1.5	6g	0.4225–0.4318	0.3883–0.3935	0.3519–0.3679
7/16-20 UNF	2A	0.4281–0.4362	0.3995–0.4037	0.3670–0.3749
7/16-14 UNC	2A	0.4258–0.4361	0.3850–0.3897	0.3386–0.3485
M12 x 1	6g	0.4643–0.4714	0.4412–0.4458	0.4169–0.4288
M12 x 1.25	6g	0.4630–0.4713	0.4342–0.4394	0.4039–0.4181
M12 x 1.5	6g	0.4619–0.4712	0.4273–0.4328	0.3909–0.4072
M12 x 1.75	6g	0.4607–0.4711	0.4204–0.4263	0.3780–0.3965
1/2-20 UNF	2A	0.4906–0.4987	0.4619–0.4662	0.4294–0.4374

M12-13 UNC	2A	0.4876–0.4985	0.4435–0.4485	0.3935–0.4041
M14 x 1	6g	0.5431–0.5502	0.5199–0.5246	0.4957–0.5075
M14 x 1.25	6g	0.5417–0.5501	0.5129–0.5181	0.4826–0.4968
M14 x 1.5	6g	0.5406–0.5499	0.5061–0.5116	0.4697–0.4860
M14 x 2	6g	0.5387–0.5497	0.4922–0.4985	0.4437–0.4644
9/16-18 UNF	2A	0.5524–0.5611	0.5205–0.5250	0.4844–0.4929
9/16-12 UNC	2A	0.5495–0.5609	0.5016–0.5068	0.4475–0.4587
M15 x 1	6g	0.5824–0.5895	0.5593–0.5639	0.5350–0.5469
M15 x 1.5	6g	0.5800–0.5893	0.5454–0.5509	0.5091–0.5254
5/8-18 UNF	2A	0.6149–0.6236	0.5828–0.5875	0.5467–0.5554
5/8-11 UNC	2A	0.6112–0.6233	0.5588–0.5643	0.4998–0.5118
M16 x 1	6g	0.6218–0.6289	0.5987–0.6033	0.5744–0.5863
M16 x 1.5	6g	0.6194–0.6287	0.5848–0.5903	0.5484–0.5647
M16 x 2	6g	0.6174–0.6284	0.5710–0.5773	0.5225–0.5433
M17 x 1	6g	0.6612–0.6683	0.6380–0.6427	0.6138–0.6256
M17 x 1.5	6g	0.6587–0.6680	0.6242–0.6297	0.5878–0.6041
M18 x 1	6g	0.7006–0.7076	0.6774–0.6820	0.6531–0.6650
M18 x 1.5	6g	0.6981–0.7074	0.6635–0.6691	0.6272–0.6435
M18 x 2	6g	0.6961–0.7072	0.6497–0.6560	0.6012–0.6219
M18 x 2.5	6g	0.6938–0.7070	0.6364–0.6431	0.5757–0.6005
3/4-16 UNF	2A	0.7391–0.7485	0.7029–0.7079	0.6623–0.6718
3/4-10 UNC	2A	0.7353–0.7482	0.6773–0.6832	0.6123–0.6255
M20 x 1	6g	0.7793–0.7864	0.7561–0.7608	0.7319–0.7437
M20 x 1.5	6g	0.7769–0.7861	0.7423–0.7478	0.7059–0.7222
M20 x 2	6g	0.7749–0.7859	0.7285–0.7348	0.6800–0.7007
M20 x 2.5	6g	0.7726–0.7857	0.7151–0.7218	0.6545–0.6792
M22 x 1	6g	0.8580–0.8651	0.8349–0.8395	0.8106–0.8225
M22 x 1.5	6g	0.8556–0.8649	0.8210–0.8265	0.7846–0.8009
M22 x 2	6g	0.8536–0.8646	0.8072–0.8135	0.7587–0.7794
M22 x 2.5	6g	0.8513–0.8645	0.7939–0.8006	0.7332–0.7580
7/8-14 UNF	2A	0.8631–0.8734	0.8216–0.8270	0.7752–0.7858
7/8-9 UNC	2A	0.8592–0.8731	0.7946–0.8009	0.7224–0.7368
M24 x 1	6g	0.9368–0.9439	0.9133–0.9183	0.8891–0.9012
M24 x 1.5	6g	0.9343–0.9436	0.8994–0.9053	0.8630–0.8797
M24 x 2	6g	0.9324–0.9434	0.8856–0.8922	0.8370–0.8581
M24 x 3	6g	0.9282–0.9430	0.8584–0.8663	0.7856–0.8151
M25 x 1	6g	0.9761–0.9832	0.9527–0.9576	0.9285–0.9406
M25 x 1.5	6g	0.9737–0.9830	0.9387–0.9446	0.9024–0.9191
M25 x 2	6g	0.9717–0.9828	0.9249–0.9316	0.8764–0.8975
1-12 UNF	2A	0.9868–0.9982	0.9382–0.9441	0.8841–0.8960
1-8 UNC	2A	0.9830–0.9980	0.9101–0.9168	0.8289–0.8446
M26 x 1.5	6g	1.0131–1.0224	0.9781–0.9840	0.9417–0.9584
M27 x 1	6g	1.0549–1.0620	1.0315–1.0364	1.0072–1.0193
M27 x 1.5	6g	1.0524–1.0617	1.0175–1.0234	0.9811–0.9978
M27 x 2	6g	1.0505–1.0615	1.0037–1.0104	0.9552–0.9763
M27 x 3	6g	1.0463–1.0611	0.9765–0.9844	0.9037–0.9332
M28 x 1	6g	1.0943–1.1013	1.0708–1.0757	1.0466–1.0587
M28 x 1.5	6g	1.0918–1.1011	1.0569–1.0628	1.0205–1.0372
M28 x 2	6g	1.0898–1.1009	1.0430–1.0497	0.9945–1.0156
1-1/8-12 UNF	2A	1.1118–1.1232	1.0631–1.0691	1.0090–1.0210
1-1/8-7 UNC	2A	1.1064–1.1228	1.0228–1.0300	0.9300–0.9475
M30 x 1	6g	1.1730–1.1801	1.1496–1.1545	1.1253–1.1374
M30 x 1.5	6g	1.1706–1.1798	1.1356–1.1415	1.0992–1.1159
M30 x 2	6g	1.1686–1.1796	1.1218–1.1285	1.0733–1.0944
M30 x 3	6g	1.1644–1.1792	1.0946–1.1025	1.0219–1.0513
M30 x 3.5	6g	1.1623–1.1790	1.0812–1.0895	0.9963–1.0298
1-1/4-12 UNF	2A	1.2368–1.2482	1.1879–1.1941	1.1338–1.1460
1-1/4-7 UNC	2A	1.2314–1.2478	1.1476–1.1550	1.0548–1.0725
M32 x 1.5	6g	1.2493–1.2586	1.2143–1.2202	1.1780–1.1946
M32 x 2	6g	1.2473–1.2583	1.2005–1.2072	1.1520–1.1731
M33 x 1.5	6g	1.2887–1.2980	1.2537–1.2596	1.2173–1.2340
M33 x 2	6g	1.2867–1.2977	1.2399–1.2466	1.1914–1.2125
M33 x 3	6g	1.2826–1.2973	1.2127–1.2206	1.1400–1.1694
M33 x 3.5	6g	1.2804–1.2971	1.1993–1.2076	1.1144–1.1480
1-3/8-12 UNF	2A	1.3617–1.3731	1.3127–1.3190	1.2586–1.2709
1-3/8-6 UNC	2A	1.3544–1.3726	1.2563–1.2643	1.1480–1.1681
M35 x 1.5	6g	1.3674–1.3767	1.3324–1.3383	1.2961–1.3128
M36 x 1.5	6g	1.4068–1.4161	1.3718–1.3777	1.3354–1.3521
M36 x 2	6g	1.4048–1.4158	1.3580–1.3647	1.3095–1.3306
M36 x 3	6g	1.4007–1.4154	1.3308–1.3387	1.2581–1.2876
M36 x 4	6g	1.3963–1.4150	1.3039–1.3127	1.2069–1.2445
M38 x 1.5	6g	1.4855–1.4948	1.4506–1.4565	1.4142–1.4309
1-1/2-12 UNF	2A	1.4867–1.4981	1.4376–1.4440	1.3835–1.3959
1-1/2-6 UNC	2A	1.4794–1.4976	1.3812–1.3893	1.2729–1.2931
M39 x 1.5	6g	1.5249–1.5342	1.4899–1.4958	1.4535–1.4702
M39 x 2	6g	1.5229–1.5339	1.4761–1.4828	1.4276–1.4487
M39 x 3	6g	1.5188–1.5335	1.4489–1.4568	1.3762–1.4057
M39 x 4	6g	1.5144–1.5331	1.4220–1.4308	1.3250–1.3626