

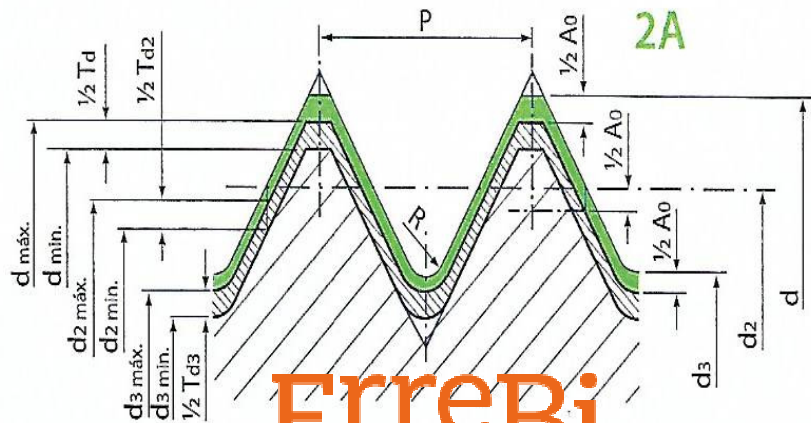


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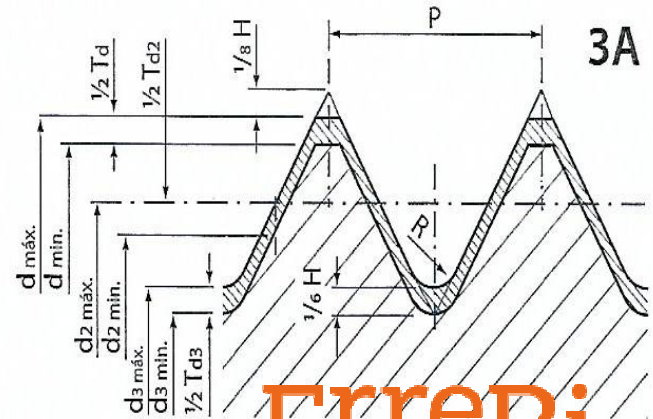
Filettatura unificata passo fine ASME B1.1 - Dimensione limite - Filettatura esterna

 Rosca exterior / Filettatura esterna / Rosca exterior

 Campo tolerancia / Campo tolleranza / Campo tolerância



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



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Diámetro nominal de la rosca Diametro nominale della filettatura Diâmetro nominal da rosca	Diámetro exterior Diametro esterno Diâmetro exterior				Diámetro medio Diametro medio Diâmetro médio				Diámetro núcleo Diametro nocciolo Diâmetro do núcleo	
	d max.		d min.		d ₂ max.		d ₂ min.		d ₃ max.	
	mm		mm		mm		mm		mm	
	2A	3A	2A	3A	2A	3A	2A	3A	2A	3A
d - N										
No.0 - 80	1,511	1,524	1,430	1,443	1,306	1,318	1,260	1,285	1,123	1,135
No.1 - 72	1,839	1,854	1,750	1,765	1,610	1,626	1,562	1,590	1,407	1,422
No.2 - 64	2,169	2,184	2,073	2,088	1,913	1,928	1,862	1,890	1,681	1,697
No.3 - 56	2,497	2,515	2,393	2,410	2,202	2,220	2,146	2,179	1,941	1,958
No.4 - 48	2,827	2,845	2,713	2,730	2,484	2,502	2,423	2,456	2,177	2,195
No.5 - 44	3,157	3,175	3,035	3,053	2,781	2,799	2,718	2,751	2,449	2,466
No.6 - 40	3,485	3,505	3,355	3,376	3,073	3,094	3,007	3,043	2,705	2,725
No.8 - 36	4,145	4,166	4,006	4,026	3,688	3,708	3,617	3,655	3,279	3,299
No.10 - 32	4,803	4,826	4,651	4,674	4,288	4,310	4,211	4,252	3,830	3,853
No.12 - 28	5,461	5,486	5,296	5,321	4,872	4,897	4,790	4,836	4,348	4,374
1/4 - 28	6,325	6,350	6,160	6,185	5,735	5,761	5,652	5,697	5,212	5,237
5/16 - 24	7,910	7,938	7,727	7,755	7,221	7,249	7,127	7,181	6,612	6,640
3/8 - 24	9,497	9,525	9,314	9,342	8,809	8,837	8,712	8,763	8,199	8,227
7/16 - 20	11,079	11,112	10,874	10,907	10,254	10,287	10,147	10,208	9,522	9,555
1/2 - 20	12,667	12,700	12,461	12,494	11,841	11,874	11,732	11,793	11,110	11,143
9/16 - 18	14,252	14,288	14,031	14,067	13,335	13,371	13,221	13,284	12,520	12,555
5/8 - 18	15,839	15,875	15,618	15,654	14,922	14,958	14,803	14,869	14,107	14,143
3/4 - 16	19,012	19,050	18,773	18,811	17,981	18,019	17,854	17,922	17,064	17,102
7/8 - 14	22,184	22,225	21,923	21,963	21,006	21,046	20,869	20,942	19,959	20,000
1 - 12	25,354	25,400	25,065	25,110	23,980	24,026	23,830	23,914	22,758	22,804
1 1/8 - 12	28,529	28,575	28,240	28,285	27,155	27,201	27,003	27,087	25,933	25,979
1 1/4 - 12	31,704	31,750	31,415	31,460	30,330	30,376	30,173	30,259	29,108	29,154
1 3/8 - 12	34,877	34,925	34,587	34,635	33,503	33,551	33,343	33,431	32,281	32,329
1 1/2 - 12	38,052	38,100	37,762	37,810	36,678	36,726	36,515	36,604	35,456	35,504

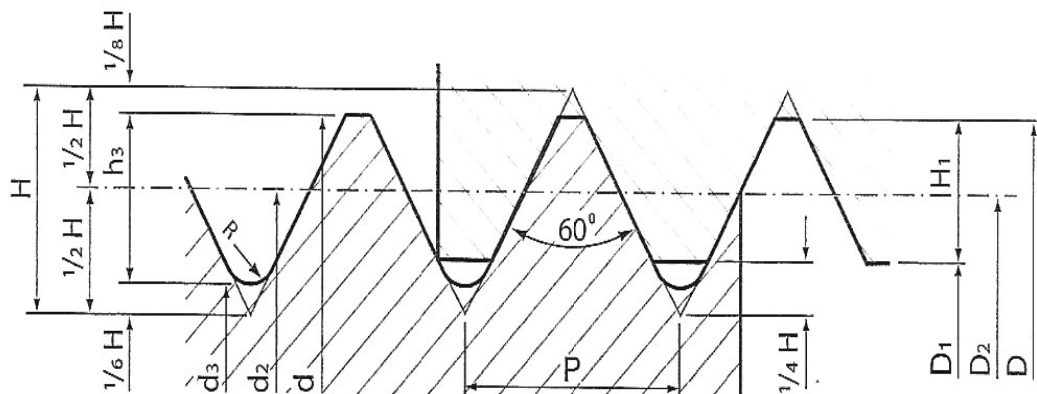
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Filettatura unificata passo fine ASME B1.1

 Rosca interior / Filettatura interna / Rosca interior
 Rosca exterior / Filettatura esterna / Rosca exterior

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$$\begin{aligned}
 D_1 &= d - 1,082532 P \\
 d_2 = D_2 &= d - 0,649519 P \\
 d_3 &= d - 1,22686 P \\
 H &= 0,86603 P \\
 H_1 &= 0,54127 P \\
 h_3 &= 0,61343 P \\
 r &= H/6 = 0,14434 P
 \end{aligned}$$



Perfil de la rosca / Profilo della filettatura / Perfil da rosca

Diámetro nominal de la rosca Diametro nominale della filettatura Diámetro nominal da rosca	Paso Passo Passo	Diámetro exterior Diametro esterno Diámetro exterior	Diámetro medio Diametro medio Diámetro médio	Diámetro núcleo Diametro nocciolo Diámetro do núcleo	
d - N	P	d	d ₂ = D ₂	d ₃	D ₁
	mm	mm	mm	mm	mm
No.0 - 80	0,318	1,524	1,318	1,135	1,181
No.1 - 72	0,353	1,854	1,626	1,422	1,473
No.2 - 64	0,397	2,184	1,928	1,697	1,755
No.3 - 56	0,454	2,515	2,220	1,958	2,024
No.4 - 48	0,529	2,845	2,502	2,195	2,271
No.5 - 44	0,577	3,175	2,799	2,466	2,550
No.6 - 40	0,635	3,505	3,094	2,725	2,817
No.8 - 36	0,706	4,166	3,708	3,299	3,401
No.10 - 32	0,794	4,826	4,310	3,853	3,967
No.12 - 28	0,907	5,486	4,897	4,374	4,496
1/4 - 28	0,907	6,350	5,761	5,237	5,360
5/16 - 24	1,058	7,938	7,249	6,640	6,782
3/8 - 24	1,058	9,525	8,837	8,227	8,382
7/16 - 20	1,270	11,112	10,287	9,555	9,728
1/2 - 20	1,270	12,700	11,874	11,143	11,326
9/16 - 18	1,411	14,288	13,371	12,555	12,751
5/8 - 18	1,411	15,875	14,958	14,143	14,351
3/4 - 16	1,588	19,050	18,019	17,102	17,323
7/8 - 14	1,814	22,225	21,046	20,000	20,270
1 - 12	2,117	25,400	24,026	22,804	23,114
1 1/8 - 12	2,117	28,575	27,201	25,979	26,284
1 1/4 - 12	2,117	31,750	30,376	29,154	29,464
1 3/8 - 12	2,117	34,925	33,551	32,329	32,634
1 1/2 - 12	2,117	38,100	36,726	35,504	35,814

Macho / Maschio / Macho

Diámetro exterior Diametro esterno Diámetro exterior	Tolerancia Tolleranza Tolerância	Diámetro medio Diametro medio Diámetro médio		Diámetro núcleo Diametro nocciolo Diámetro do núcleo
d min	2B	d ₂ min.	d ₂ max.	d ₃ max.
mm	Limit	mm	mm	mm
1,537	H2	1,331	1,343	1,148
1,867	H3	1,651	1,664	1,478
2,197	H3	1,953	1,966	1,723
2,528	H3	2,245	2,258	1,984
2,870	H3	2,527	2,540	2,221
3,200	H3	2,824	2,837	2,492
3,543	H3	3,119	3,132	2,751
4,204	H3	3,733	3,746	3,325
4,877	H3	4,335	4,348	3,878
5,550	H4	4,935	4,948	4,411
6,414	H4	5,799	5,812	5,275
8,014	H4	7,287	7,300	6,677
9,601	H4	8,875	8,888	8,265
11,214	H5	10,338	10,351	9,605
12,802	H5	11,925	11,938	11,192
14,402	H5	13,422	13,435	12,607
15,989	H6	15,022	15,035	14,208
19,177	H6	18,083	18,096	17,166
22,377	H6	21,110	21,122	20,063
25,565	H6	24,090	24,102	22,867
28,740	H7	27,265	27,290	26,042
31,915	H7	30,440	30,465	29,217
35,090	H7	33,615	33,640	33,392
38,265	H7	36,790	36,815	35,567