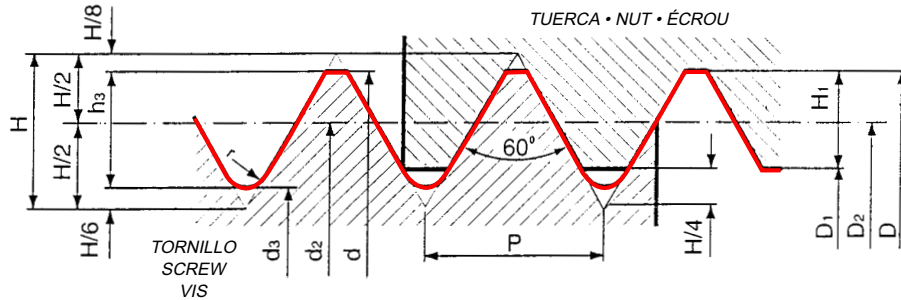


ROSCA UNIFICADA PASO EXTRA FINO
UNIFIED THREAD, EXTRAFINE PITCH
FILET UNIFIÉ, PASS EXTRA FIN

MEDIDAS NOMINALES • NOMINAL
DIMENSIONS • MESURES NOMINALES
 ASME B 1.1

UNEF

$D_1 = D - 2H_1$
 $d_2 = D_2 = d - 0,64952 P$
 $d_3 = d - 1,22687 P$
 $H = 0,86603 P$
 $H_1 = 0,54127 P$
 $h_3 = 0,61343 P$
 $r = H/6 = 0,14434 P$

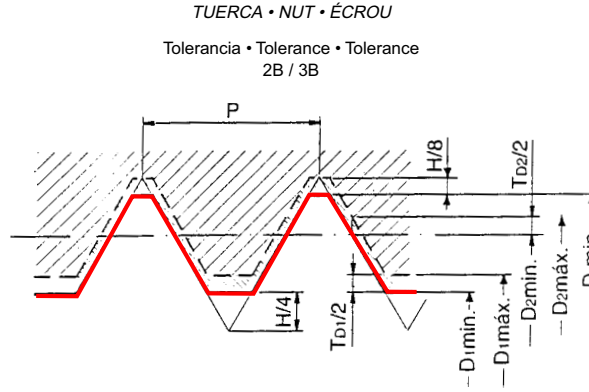


Rosca Thread Filet	Paso Pitch Pass	Perfil teórico / Theoretical profile / Profil théorique			Macho de roscar / Tap / Taraud				
		Ø Exterior Outside Ø Ø Extérieur d = D mm.	Ø Medio Pitch Ø Ø Moyen d ₂ = D ₂ mm.	Ø Núcleo • Core Ø • Ø Noyau d ₃ mm.	D ₁ mm.	Ø Exterior Outside Ø Ø Extérieur d _{min.} mm.	d ₂ máx. mm.	d ₂ mín. mm.	Ø Núcleo Core Ø Ø Noyau d ₃ máx. mm.
Nr.12	- 32	5,486	4,971	4,514	4,628	5,537	5,009	4,996	4,537
	1/4 - 32	6,350	5,834	5,377	5,491	6,401	5,872	5,859	5,402
	5/16 - 32	7,938	7,422	6,965	7,079	7,989	7,460	7,447	6,990
	3/8 - 32	9,525	9,009	8,552	8,666	9,576	9,047	9,034	8,577
7/16	- 28	11,112	10,523	10,000	10,130	11,176	10,561	10,548	10,025
	1/2 - 28	12,700	12,111	11,587	11,717	12,764	12,149	12,136	11,612
	9/16 - 24	14,288	13,599	12,990	13,142	14,365	13,637	13,624	13,015
	5/8 - 24	15,875	15,187	14,577	14,729	15,952	15,225	15,212	14,602
11/16	- 24	17,462	16,774	16,165	16,317	17,539	16,812	16,799	16,190
	3/4 - 20	19,050	18,224	17,493	17,676	19,152	18,262	18,249	17,518
	13/16 - 20	20,638	19,812	19,080	19,263	20,740	19,850	19,837	19,105
	7/8 - 20	22,225	21,400	20,668	20,851	22,327	21,438	21,425	20,693
1	15/16 - 20	23,812	22,987	22,225	22,438	23,914	23,025	23,012	22,279
	- 20	25,400	24,574	23,843	24,026	25,502	24,612	24,599	23,868
	1 1/16 - 18	26,988	26,071	25,255	25,461	27,103	26,121	26,096	25,280
	1 1/8 - 18	28,575	27,658	26,843	27,048	28,690	27,708	27,683	26,868
1	13/16 - 18	30,162	29,246	28,430	28,636	30,277	29,296	29,271	28,455
	1 1/4 - 18	31,750	30,833	30,018	30,223	31,865	30,883	30,858	30,043
	15/16 - 18	33,338	32,421	31,605	31,811	33,453	32,471	32,446	31,630
	1 3/8 - 18	34,925	34,008	33,193	33,398	35,040	34,058	34,033	33,218
1	17/16 - 18	36,512	35,596	34,780	34,986	36,627	35,646	35,621	34,805
	1 1/2 - 18	38,100	37,183	36,368	36,573	38,215	37,233	37,208	36,393
	1 9/16 - 18	39,688	38,771	37,955	38,161	39,803	38,834	38,796	37,980
	1 5/8 - 18	41,275	40,358	39,543	39,748	41,390	40,421	40,383	39,568
	1 11/16 - 18	42,862	41,946	41,130	41,336	42,977	42,009	41,971	41,155

**ROSCA UNIFICADA PASO EXTRA FINO
UNIFIED THREAD, EXTRAFINE PITCH
FILET UNIFIÉ, PASS EXTRA FIN**

TUERCA • NUT • ÉCROU
ASME B 1.1

UNEF

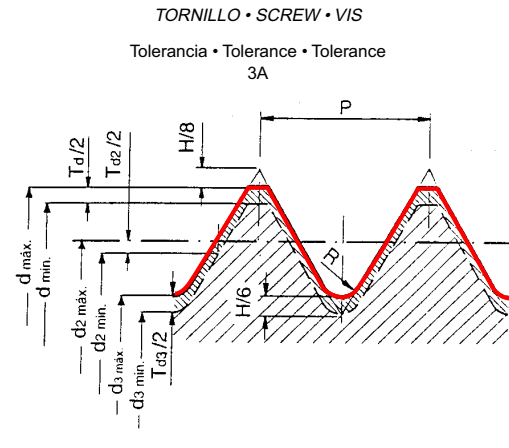
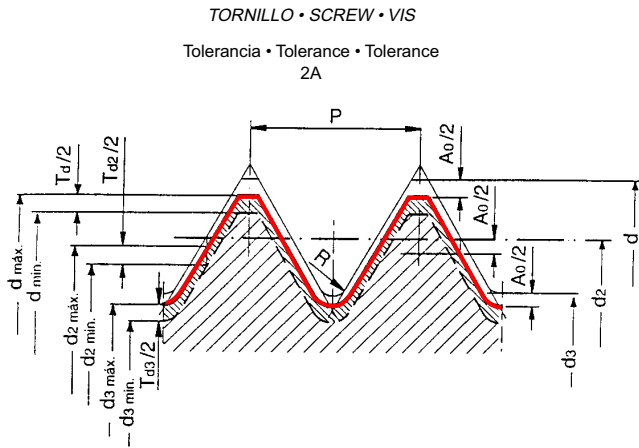


Rosca Thread Filet D	Paso Pitch Pass P h/1"	Ø Exterior Outside Ø Ø Extérieur D _{min} , mm. 2B / 3B	Ø Medio / Pitch Ø / Ø Moyen			Ø Núcleo / Core Ø / Ø Noyau		
			D _{2 min} 2B / 3B mm.	D _{2 máx.} 2B 3B mm. mm.		D _{1 min} 2B / 3B mm.	D _{1 máx.} 2B 3B mm. mm.	
Nr.	12 - 32	5,486	4,971	5,075	5,050	4,623	4,826	4,813
	1/4 - 32	6,350	5,834	5,941	5,913	5,487	5,690	5,662
	5/16 - 32	7,938	7,422	7,529	7,501	7,087	7,264	7,231
	3/8 - 32	9,525	9,009	9,121	9,093	8,662	8,865	8,811
	7/16 - 28	11,112	10,523	10,640	10,612	10,135	10,338	10,290
	1/2 - 28	12,700	12,111	12,233	12,202	11,710	11,938	11,877
	9/16 - 24	14,288	13,599	13,729	13,696	13,132	13,386	13,320
	5/8 - 24	15,875	15,187	15,319	15,286	14,732	14,986	14,907
	11/16 - 24	17,462	16,774	16,906	16,873	16,307	16,561	16,495
	3/4 - 20	19,050	18,224	18,369	18,334	17,679	17,958	17,874
	13/16 - 20	20,638	19,812	19,957	19,921	19,254	19,558	19,461
	7/8 - 20	22,225	21,400	21,544	21,509	20,854	21,133	21,049
	15/16 - 20	23,812	22,987	23,137	23,099	22,429	22,733	22,636
	1 - 20	25,400	24,574	24,724	24,686	24,029	24,308	24,224
	1 1/16 - 18	26,988	26,071	26,228	26,187	25,451	25,781	25,667
	1 1/8 - 18	28,575	27,658	27,816	27,775	27,051	27,381	27,254
1	3/16 - 18	30,162	29,246	29,406	29,365	28,626	28,956	28,842
	1/4 - 18	31,750	30,833	30,993	30,952	30,226	30,556	30,429
	5/16 - 18	33,338	32,421	32,581	32,540	31,801	32,131	32,017
	3/8 - 18	34,925	34,008	34,168	34,127	33,401	33,731	33,604
1	7/16 - 18	36,512	35,596	35,761	35,717	34,976	35,306	35,192
	1/2 - 18	38,100	37,183	37,348	37,305	36,576	36,881	36,779
	9/16 - 18	39,688	38,771	38,936	38,892	38,151	38,481	38,367
	5/8 - 18	41,275	40,358	40,523	40,480	39,751	40,081	39,954
	11/16 - 18	42,862	41,946	42,113	42,070	41,326	41,656	41,542

ROSCA UNIFICADA PASO EXTRA FINO
UNIFIED THREAD, EXTRAFINE PITCH
FILET UNIFIÉ, PASS EXTRA FIN

TORNILLO • SCREW • VIS
 ASME B 1.1

UNEF



Rosca Thread Filet D	Paso Pitch Pass P h/1"	Ø Exterior / Outside Ø / Ø Extérieur				Ø Medio / Pitch Ø / Ø Moyen				Ø Núcleo / Core Ø / Ø Noyau	
		d _{máx.}		d _{mín.}		d _{2 máx.}		d _{2 mín.}		d _{3 máx.}	
		2A mm.	3A mm.	2A mm.	3A mm.	2A mm.	3A mm.	2A mm.	3A mm.	2A mm.	3A mm.
Nr.	12 - 32	5,464	5,486	5,311	5,334	4,948	4,971	4,869	4,910	4,491	4,514
	1/4 - 32	6,325	6,350	6,172	6,198	5,809	5,834	5,728	5,773	5,352	5,377
	5/16 - 32	7,912	7,938	7,760	7,785	7,396	7,422	7,315	7,361	6,939	6,965
	3/8 - 32	9,500	9,525	9,347	9,373	8,984	9,009	8,898	8,946	8,527	8,552
	7/16 - 28	11,085	11,112	10,919	10,947	10,495	10,523	10,404	10,455	9,972	10,000
	1/2 - 28	12,672	12,700	12,507	12,535	12,083	12,111	11,989	12,040	11,560	11,587
	9/16 - 24	14,257	14,288	14,074	14,105	13,569	13,599	13,410	13,525	12,959	12,990
	5/8 - 24	15,845	15,875	15,662	15,692	15,156	15,187	15,055	15,110	14,547	14,577
	11/16 - 24	17,432	17,462	17,249	17,280	16,744	16,774	16,642	16,698	16,134	16,165
	3/4 - 20	19,017	19,050	18,811	18,844	18,191	18,224	18,080	18,141	17,460	17,493
	13/16 - 20	20,604	20,638	20,399	20,432	19,779	19,812	19,667	19,728	19,045	19,080
	7/8 - 20	22,192	22,225	21,986	22,019	21,366	21,400	21,255	21,316	20,635	20,668
1	15/16 - 20	23,777	23,812	23,571	23,607	22,951	22,987	22,837	22,901	22,220	22,255
	1 - 20	25,364	25,400	25,159	25,194	24,539	24,574	24,425	24,488	23,807	23,843
	1 1/16 - 18	26,952	26,988	26,731	26,767	26,035	26,071	25,916	25,979	25,220	25,255
	1 1/8 - 18	28,539	28,575	28,318	28,354	27,622	27,658	27,503	27,567	26,807	26,843
1	3/16 - 18	30,124	30,162	29,903	29,942	29,207	29,246	29,083	29,154	28,392	28,430
	1/4 - 18	31,712	31,750	31,491	31,529	30,795	30,833	30,670	30,742	29,980	30,018
	5/16 - 18	33,299	33,338	33,078	33,117	32,382	32,421	32,258	32,329	31,567	31,605
	3/8 - 18	34,887	34,925	34,666	34,704	33,970	34,008	33,846	33,917	33,155	33,193
1	7/16 - 18	36,474	36,512	36,253	36,292	35,557	35,596	35,430	35,502	34,742	34,780
	1/2 - 18	38,062	38,100	37,841	37,879	37,145	37,183	37,018	37,089	36,330	36,368
	9/16 - 18	39,649	39,688	39,428	39,467	38,732	38,771	38,605	38,677	37,917	37,955
	5/8 - 18	41,237	41,275	41,016	41,054	40,320	40,358	40,193	40,264	39,505	39,543
	11/16 - 18	42,824	42,862	42,603	42,642	41,907	41,946	41,778	41,849	41,092	41,130