

# BSF

## Filettatura Whitworth passo fine (BS 84 - 1956)



Rosca interior / Filettatura interna / Rosca interior



Rosca exterior / Filettatura esterna / Rosca exterior

$$P = 25,4/N$$

$$H = 0,9605 P$$

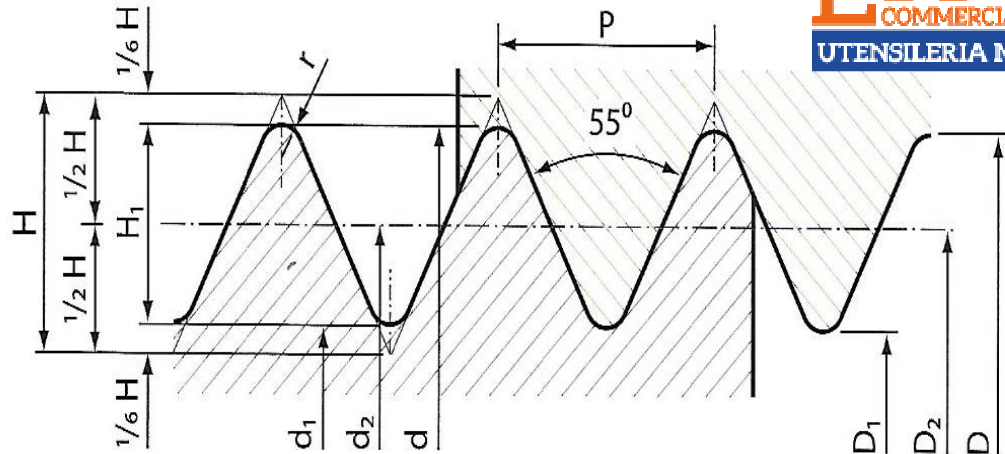
$$H_1 = 0,64033 P$$

$$r = 0,13733 P$$

$$d_2 = d - H_1$$

$$d_3 = d - 2H_1$$

**ErreBi**  
COMMERCIALE  
UTENSILERIA MECCANICA



Dimensiones en milímetros

Dimensioni in millimetri

Dimensões em milímetros

**ErreBi**  
COMMERCIALE  
UTENSILERIA MECCANICA

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

Diámetro nominal de la rosca Diametro nominale della filettatura Diâmetro nominal da rosca	Paso Passo Passo	Diámetro exterior Diametro esterno Diâmetro exterior	Diámetro medio Diametro medio Diâmetro médio	Diámetro núcleo Diametro nocciolo Diâmetro do núcleo	
D	P	d = D	d <sub>2</sub> = D <sub>2</sub>	d <sub>3</sub> = D <sub>1</sub> min.	D <sub>1</sub> max.
Pulgadas - Pollici - Polegadas	h/1"	mm	mm	mm	mm
BSF 3/16	32	4,763	4,255	3,747	4,006
BSF 7/32	28	5,556	4,976	4,394	4,676
BSF 1/4	26	6,350	5,725	5,100	5,398
BSF 9/32	26	7,144	6,518	5,893	6,190
BSF 5/16	22	7,938	7,198	6,459	6,811
BSF 3/8	20	9,525	8,712	7,899	8,331
BSF 7/16	18	11,113	10,209	9,304	9,764
BSF 1/2	16	12,700	11,684	10,668	11,163
BSF 9/16	16	14,288	13,272	12,256	12,751
BSF 5/8	14	15,875	14,714	13,553	14,094
BSF 11/16	14	17,463	16,302	15,141	15,682
BSF 3/4	12	19,050	17,695	16,337	16,938
BSF 7/8	11	22,225	20,747	19,268	19,909
BSF1	10	25,400	23,774	22,149	22,831
BSF1 1/8	9	28,575	26,769	24,963	25,701
BSF1 1/4	9	31,750	29,944	28,138	28,880
BSF1 3/8	8	34,925	32,893	30,861	31,674
BSF1 1/2	8	38,100	36,068	34,036	34,849
BSF1 5/8	8	41,275	39,243	37,211	38,024
BSF1 3/4	7	44,450	42,127	39,802	40,706
BSF2	7	50,800	48,477	46,152	47,056
BSF2 1/4	6	57,150	54,440	51,730	52,751
BSF2 1/2	6	63,500	60,790	58,080	59,101
BSF2 3/4	6	69,850	67,140	64,430	65,451
BSF3	5	76,200	72,948	69,693	70,884

### Macho / Maschio / Macho

Diámetro exterior Diametro esterno Diâmetro exterior	Tolerancia Tolleranza Tolerância	Diámetro medio Diametro medio Diâmetro médio		Diámetro núcleo Diametro nocciolo Diâmetro núcleo
d min	m	d <sub>2</sub> min.	d <sub>2</sub> max.	d <sub>3</sub> max.
mm	µm	mm	mm	mm
4,797	+22/34	4,277	4,289	3,769
5,590	+22/34	4,998	5,010	4,417
6,389	+25/39	5,750	5,764	5,125
7,183	+25/39	6,543	6,557	5,919
7,977	+25/39	7,223	7,237	6,485
9,564	+25/39	8,737	8,751	7,924
11,168	+35/55	10,244	10,264	9,342
12,755	+35/55	11,719	11,739	10,703
14,343	+35/55	13,307	13,327	12,291
15,930	+35/55	14,749	14,769	13,588
17,518	+35/55	16,337	16,357	15,176
19,105	+35/55	17,730	17,750	16,376
22,280	+35/55	20,782	20,802	19,304
25,455	+35/55	23,809	23,829	22,184
28,659	+56/84	26,825	26,853	25,019
31,834	+56/84	30,000	30,028	28,194
35,009	+56/84	32,949	32,977	30,917
38,184	+56/84	36,124	36,152	34,092
41,359	+56/84	39,299	39,327	37,267
44,534	+56/84	42,183	42,211	39,861
50,884	+56/84	48,533	48,561	46,211
57,241	+63/91	54,503	54,531	51,794
63,591	+63/91	60,853	60,881	58,144
69,941	+63/91	67,203	67,231	64,494
76,308	+72/108	73,020	73,056	69,770



# BSF

## Filettatura Whitworth passo fine (BS 84) - Dimensione limite

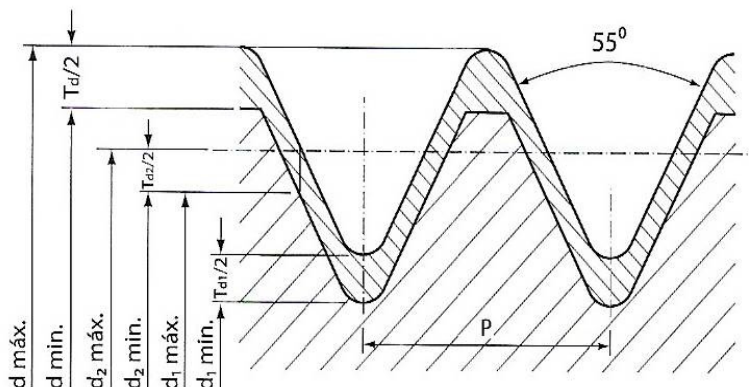
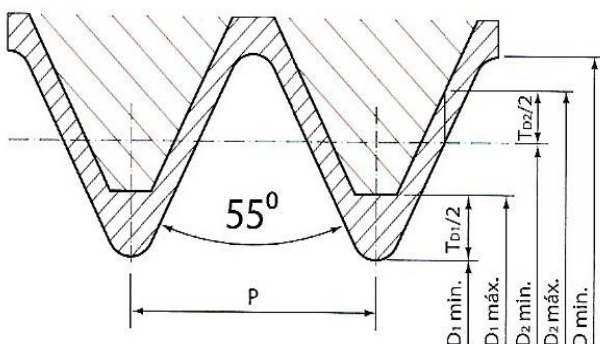
**ErreBi**  
COMMERCIALE  
UTENSILERIA MECCANICA

 Rosca interior / Filettatura interna / Rosca interior

 Campo tollerancia / Campo tolleranza / Campo tolerância

 Rosca exterior / Filettatura esterna / Rosca exterior

 Campo tollerancia / Campo tolleranza / Campo tolerância



Diámetro nominal de la rosca Diametro nominale della filettatura Diâmetro nominal da rosca	Paso Passo Passo	Rosca interior / Filettatura interna / Rosca interior				
		Diámetro exterior Diametro esterno Diâmetro exterior	Diámetro medio Diametro medio Diâmetro médio		Diámetro núcleo Diametro nocciolo Diâmetro do núcleo	
D	P	D min.	D2 min.	D2 max.	D1 min.	D1 max.
Pulgadas - Pollici - Polegadas	h/1"	mm	mm	mm	mm	mm
BSF 3/16	32	4,763	4,254	4,338	3,746	4,005
BSF 7/32	28	5,556	4,975	5,066	4,395	4,677
BSF 1/4	26	6,350	5,724	5,818	5,099	5,396
BSF 9/32	26	7,144	6,518	6,617	5,893	6,190
BSF 5/16	22	7,938	7,198	7,302	6,459	6,817
BSF 3/8	20	9,525	8,712	8,824	7,899	8,331
BSF 7/16	18	11,113	10,209	10,328	9,305	9,765
BSF 1/2	16	12,700	11,683	11,810	10,667	11,162
BSF 9/16	16	14,288	13,271	13,403	12,254	12,749
BSF 5/8	14	15,875	14,713	14,850	13,552	14,093
BSF 11/16	14	17,463	16,301	16,443	15,139	15,680
BSF 3/4	12	19,050	17,695	17,845	16,339	16,941
BSF 13/16	12	20,638	19,282	19,434	17,927	18,529
BSF 7/8	11	22,225	20,746	20,903	19,268	19,908
BSF 1	10	25,400	23,774	23,942	22,147	22,833
BSF 1 1/8	9	28,575	26,768	26,943	24,961	25,703
BSF 1 1/4	9	31,750	29,943	30,126	28,136	28,878
BSF 1 3/8	8	34,925	32,892	33,083	30,859	31,672
BSF 1 1/2	8	38,100	36,067	36,263	34,034	34,847
BSF 1 5/8	8	41,275	39,242	39,443	37,209	38,022
BSF 1 3/4	7	44,450	42,127	42,338	39,803	40,707
BSF 2	7	50,800	48,477	48,698	46,153	47,057
BSF 2 1/4	6	57,150	54,439	54,673	51,729	52,753
BSF 2 1/2	6	63,500	60,789	61,030	58,079	59,103
BSF 2 3/4	6	69,850	67,139	67,388	64,429	65,453
BSF 3	5	76,200	72,947	73,209	69,694	70,888
BSF 3 1/4	5	82,550	79,297	79,566	76,044	77,238
BSF 3 1/2	4 1/2	88,900	85,286	85,565	81,671	82,977
BSF 3 3/4	4 1/2	95,250	91,636	91,923	88,021	89,327
BSF 4	4 1/2	101,600	97,986	98,278	94,371	95,677

Rosca exterior / Filettatura esterna / Rosca exterior					
Diámetro exterior Diametro esterno Diâmetro exterior		Diámetro medio Diametro medio Diâmetro médio		Diámetro núcleo Diametro nocciolo Diâmetro do núcleo	
d max.	d min.	d2 max.	d2 min.	d1 max.	d1 min.
mm	mm	mm	mm	mm	mm
4,735	4,605	4,226	4,142	3,718	3,545
5,528	5,388	4,947	4,856	4,367	4,179
6,322	6,177	5,696	5,602	5,071	4,878
7,114	6,964	6,488	6,389	5,863	5,665
7,908	7,751	7,168	7,064	6,429	6,216
9,492	9,324	8,679	8,567	7,866	7,640
11,077	10,897	10,173	10,054	9,269	9,030
12,662	12,471	11,645	11,518	10,629	10,375
14,250	14,054	13,233	13,101	12,216	11,957
15,834	15,628	14,672	14,535	13,511	13,239
17,420	17,209	16,258	16,116	15,096	14,819
19,004	18,780	17,649	17,499	16,293	15,996
20,638	20,412	19,282	19,130	17,927	17,627
22,225	21,991	20,746	20,589	19,268	18,958
25,400	25,151	23,774	23,606	22,147	21,819
28,575	28,316	26,768	26,593	24,961	24,616
31,750	31,483	29,943	29,760	28,136	27,783
34,925	34,646	32,892	32,701	30,859	30,488
38,100	37,816	36,067	35,871	34,034	33,658
41,275	40,983	39,242	39,041	37,209	36,828
44,450	44,145	42,127	41,916	39,803	39,402
50,800	50,485	48,477	48,256	46,153	45,742
57,150	56,815	54,439	54,205	51,729	51,290
63,500	63,155	60,789	60,548	58,079	57,629
69,850	69,497	67,139	66,890	64,429	63,972
76,200	75,824	72,947	72,685	69,694	69,204
82,550	82,166	79,297	79,028	76,044	75,549
88,900	88,501	85,286	85,007	81,671	81,153
95,250	94,844	91,636	91,349	88,021	87,495
101,600	101,189	97,986	97,694	94,371	93,840