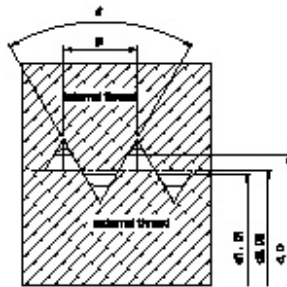


PARALLEL THREAD

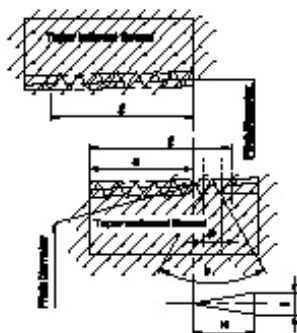
- BSP(P): British Standard Pipe Parallel Thread
- UNF: Unified National Fine Thread
- UNS: Unified National Special Thread
- UN: Unified National Thread
- UNEF: Unified National Extra Fine
- NPSM: National Pipe Straight Mechanical Thread
- NH: National Hose coupling Thread
- British Thread (British Standard Whitworth)



Nominal Size	Angle (°)	Pitch of Thread (p)	Female			
			Major Dia. (D)	Pitch Dia. (D ₂)	Minor Dia. (D ₁)	
			Male			
			Major Dia. (d)	Pitch Dia. (d ₂)	Minor Dia. (d ₁)	
1/8-28 BSPP(PF)	55	0.907	9.728	9.147	8.566	
1/4-19 BSPP(PF)		1.337	13.157	12.301	11.445	
3/8-19 BSPP(PF)		1.337	16.662	15.806	14.950	
1/2-14 BSPP(PF)		1.814	20.955	19.793	18.631	
5/8-14 BSPP(PF)		1.814	22.911	21.749	20.587	
3/4-14 BSPP(PF)	1.814	26.411	25.279	24.117		
7/16-20 UNF	60	1.270	11.112	10.287	9.738	
1/2-20 UNF		1.270	12.70	11.874	11.326	
5/8-18 UNF		1.4111	15.875	14.958	14.348	
3/4-16 UNF		1.5875	19.05	18.019	17.33	
7/16-24 UNS	2B	60	1.058	11.113	10.549	10.211
	2A			11.085	10.396	9.825
1/2-16 UN	2B	60	1.588	12.700	11.824	11.389
	2A			12.664	11.633	10.758
9/16-24 UNEF	2B	60	1.058	14.288	13.729	13.386
	2A			14.257	13.569	12.997
1/2-14 NPSM	60	1.814	20.904	19.942	19.279	
			20.904	19.733	19.279	
0.75-11.5 NH	60	2.209	27.242	26.022	24.803	
			26.968	25.552	24.117	
3/8-24 BSW	55	1.588	9.525	8.509	7.492	
			12.700	11.345	9.990	
			14.287	12.931	11.574	

TAPER THREAD

- NPTF: National Pipe Taper Fuel Thread
- BSP(T): British Standard Pipe Tapered Thread



Nominal Size	Angle (°)	Pitch of Thread (p)	Pitch Dia.	Effective Thread External (r)	Nominal Complete External Threads (a)
1/8-27 NPTF	60	0.941	9.489	8.924	4.102
1/4-18 NPTF		1.411	12.487	10.020	5.786
3/8-18 NPTF		1.411	15.926	10.330	6.096
1/2-14 NPTF		1.814	19.772	13.571	8.128
3/4-14 NPTF		1.814	25.117	14.504	8.611
1/8-28 BSPT(PT)	55	0.907	9.147	8.000	3.970
1/4-19 BSPT(PT)		1.337	12.301	11.000	6.010
3/8-19 BSPT(PT)		1.337	15.806	12.000	6.350
1/2-14 BSPT(PT)		1.814	19.793	15.000	8.160
3/4-14 BSPT(PT)		1.814	25.279	17.000	9.530