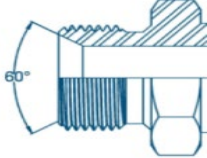
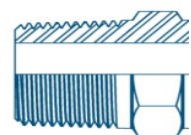
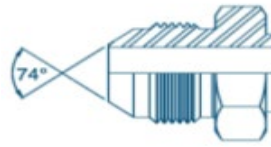
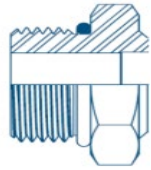
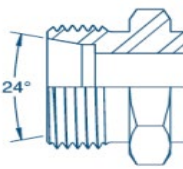
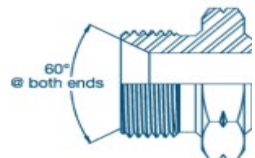


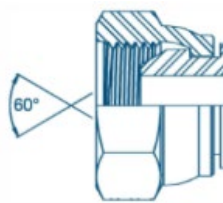
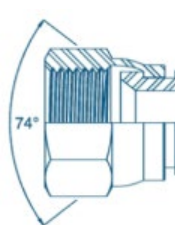
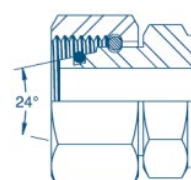
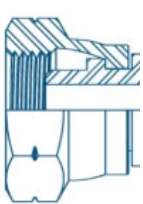
Hydraulic Fittings Thread Identification

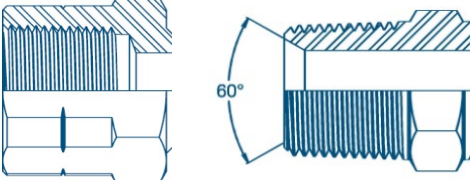
Use the tables below to quickly identify the most popular thread sizes used for hydraulic fittings.

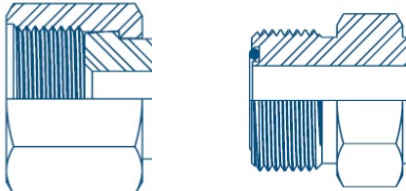
To be accurate, some Thread Gauges and a pair of Vernier Calipers would be needed.

Popular Male Thread Quick Reference Table						
Thread Diameter (mm)	Thread Size	Type	Threads per Inch / Pitch		Thread Form Images	
7.9	5/16" UNF / SAE	JIC	24	See Thread Form Pictures	BSPP (PARALLEL) THREAD FORM 	
9.5	3/8" UNF / SAE	JIC	24			
	1/8" BSPP	BSP	28			
11.1	7/16" UNF / SAE	JIC	20			
12.0	M12 x 1.5 Metric	DIN	1.5mm Pitch			
12.5	1/2" UNF / SAE	JIC	20			
13.1	1/4" BSPP	BSP	19			
13.6	1/4" BSPT	BSP	19			
14.0	M14 x 1.5 Metric	DIN	1.5mm Pitch			
14.2	9/16 UNF / SAE	JIC	18			
16.0	M16 x 1.5 Metric	DIN	1.5mm Pitch	BSPT (TAPERED) THREAD FORM 		
16.6	3/8" BSPP	BSP	19			
17.1	3/8" BSPT	BSP	19			
18.0	M18 x 1.5 Metric	DIN	1.5mm Pitch			
19.0	3/4" UNF / SAE	JIC	16			
20.0	M20 x 1.5 Metric	DIN	1.5mm Pitch			
21.0	1/2" BSPP	BSP	14			
21.5	1/2" BSPT	BSP	14			
22.0	M22 x 1.5 Metric	DIN	1.5mm Pitch			
22.2	7/8" UNF / SAE	JIC	14			
22.9	5/8" BSPP	BSP	14	JIC THREAD FORM 		
23.4	5/8" BSPT	BSP	14			
24.0	M24 x 1.5 Metric	DIN	1.5mm Pitch			
26.0	M26 x 1.5 Metric	DIN	1.5mm Pitch			
26.4	3/4" BSPP	BSP	14			
27.0	3/4" BSPT	BSP	14			
	1-1/16 UNF / SAE	JIC	12			
30.0	M30 x 2 Metric	DIN	2.0mm Pitch			
30.1	1-3/16" UNF / SAE	JIC	12		See Thread Form Pictures	UNF/SAE THREAD FORM 
33.2	1" BSPP	BSP	11			
	1-5/16" UNF / SAE	JIC	12			
33.9	1" BSPT	BSP	11			
36.0	M36 x 2 Metric	DIN	2.0mm Pitch			
41.2	1-5/8" UNF / SAE	JIC	12			
41.9	1-1/4" BSPP	BSP	11			
42.0	M42 x 2 Metric	DIN	2.0mm Pitch			
42.6	1-1/4" BSPT	BSP	11			
45.0	M45 x 2 Metric	DIN	2.0mm Pitch			
47.6	1-7/8 UNF / SAE	JIC	12	METRIC (DIN) THREAD FORM 		
47.8	1-1/2" BSPP	BSP	11			
48.5	1-1/2" BSPT	BSP	11			
52.0	M52 x 2 Metric	DIN	2.0mm Pitch			
58.0	M58 x 2 Metric	DIN	2.0mm Pitch			
59.5	2" BSPP	BSP	11			
60.5	2" BSPT	BSP	11			
63.3	2-1/2" UNF / SAE	JIC	12			
					See Thread Form Pictures	METRIC (60°) THREAD FORM 

Popular Female Thread Quick Reference Table

Thread Diameter (mm)	Thread Size	Type	Threads per Inch / Pitch		Thread Form Images
6.7	5/16" UNF / SAE	JIC	24		<p>BSPP (PARALLEL) THREAD FORM</p>  <p>JIC THREAD FORM</p>  <p>METRIC (DIN) THREAD FORM</p>  <p>METRIC (60°) THREAD FORM</p> 
8.3	3/8" UNF / SAE	JIC	24		
8.7	1/8" BSPP	BSP	28		
9.9	7/16" UNF / SAE	JIC	20		
10.5	M12 x 1.5 Metric	DIN	1.5mm Pitch		
11.5	1/2" UNF / SAE	JIC	20		
11.7	1/4" BSPP	BSP	19		
12.5	M14 x 1.5 Metric	DIN	19		
12.9	9/16 UNF / SAE	JIC	18		
14.5	M16 x 1.5 Metric	DIN	18		
15.2	3/8" BSPP	BSP	19		
16.5	M18 x 1.5 Metric	DIN	1.5mm Pitch		
17.5	3/4" UNF / SAE	JIC	16		
18.5	M20 x 1.5 Metric	DIN	1.5mm Pitch		
18.9	1/2" BSPP	BSP	14		
20.5	M22 x 1.5 Metric	DIN	1.5mm Pitch	See Thread Form Pictures	
	7/8" UNF / SAE	JIC	14		
20.9	5/8" BSPP	BSP	14		
22.5	M24 x 1.5 Metric	DIN	1.5mm Pitch		
24.4	3/4" BSPP	BSP	14		
24.5	1-1/16 UNF / SAE	JIC	12	See Thread Form Pictures	
	M26 x 1.5 Metric	DIN	1.5mm Pitch		
28.0	M30 x 2 Metric	DIN	2.0mm Pitch		
28.1	1-3/16" UNF / SAE	JIC	12		
28.5	M30 x 2 Metric	DIN	2.0mm Pitch		
30.6	1" BSPP	BSP	11		
31.3	1-5/16" UNF / SAE	JIC	12		
31.5	M33 x 1.5 Metric	DIN	1.5mm Pitch		
34.0	M36 x 2 Metric	DIN	12		
39.2	1-5/8" UNF / SAE	JIC	12		
39.3	1-1/4" BSPP	BSP	11		
43.0	M45 x 1.5 Metric	DIN	1.5mm Pitch		
43.5	M45 x 2 Metric	DIN	2.0mm Pitch		
45.2	1-1/2" BSPP	BSP	11		
50.0	M52 x 1.5 Metric	DIN	1.5mm Pitch		
50.5	M52 x 2 Metric	DIN	2.0mm Pitch		
56.0	M58 x 2 Metric	DIN	2.0mm Pitch		
57.0	2" BSPP	BSP	11		
61.4	2-1/2" UNF / SAE	JIC	12		

NPT					
Dash size	Thread Size	Threads per Inch	Female Thread I.D (mm)	Male Thread O.D. (mm)	Thread Form Images
-2	1/8"	27	8.4	9.9	
-4	1/4"	18	11.2	13.2	
-6	3/8"	18	14.7	16.6	
-8	1/2"	14	17.8	20.6	
-12	3/4"	14	23.4	26	
-16	1"	11.5	29.5	32.5	
-20	1-1/4"	11.5	38.1	41.2	
-24	1-1/2"	11.5	43.9	47.3	
-32	2"	11.5	56.4	59.3	

ORFS					
Dash Size	Thread Size	Threads per Inch	Female Thread I.D (MM)	Male Thread O.D (mm)	Thread Form Images
-4	9/16"	18	12.7	14.3	
-6	11/16"	16	15.9	17.5	
-8	13/16"	16	19.1	20.6	
-10	1"	14	23.8	25.4	
-12	1-3/16"	12	28.6	30.2	
-16	1-7/16"	12	40.5	36.5	
-20	1-11/16"	12	40.5	42.9	
-24	2"	12	48.4	50.8	

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