

# Imperial Thread Chart



Dash Size	Size	BSPT			BSPP /JIS BSP			JIC & UNO			NPT		
		British Standard Pipe (Tapered)			British Standard Pipe (Parallel)			UNF Thread			National Pipe Thread		
		Thread	Male OD (TPI)	Female ID (TPI)	Thread	Male OD (TPI)	Female ID (TPI)	Thread	Male OD (TPI)	Female ID (TPI)	Thread	Male OD (TPI)	Female ID (TPI)
-02	1/8"	1/8"x28	.390"	.345"	1/8"x28	.390"	.345"	5/16"x24	.313"	.234"	1/8"x27	.400"	.344"
-03								3/8"x24	.375"				
-04	1/4"	1/4"x19	.532"	.456"	1/4"x19	.532"	.456"	7/16"x20	.438"	.391"	1/4"x18	.563"	.456"
-05	5/16"							1/2"x20	.500"	.453"			
-06	3/8"	3/8"x19	.656"	.594"	3/8"x19	.656"	.594"	9/16"x18	.563"	.500"	3/8"x18	.687"	.594"
-08	1/2"	1/2"x14	.825"	.735"	1/2"x14	.825"	.735"	3/4"x16	.750"	.687"	1/2"x14	.832"	.750"
-10	5/8"	5/8"x14	.906"	.818"	5/8"x14	.906"	.818"	7/8"x14	.875"	.805"			
-12	3/4"	3/4"x14	1.051"	.961"	3/4"x14	1.051"	.961"	1-1/16"x12	1.063"	.969"	3/4"x14	1.063"	.961"
-14								1-3/16"x12	1.188"	1.095"	1"x11.5	1.313"	1.187"
-16	1"	1"x11	1.313"	1.187"	1"x11	1.313"	1.187"	1-5/16"x12	1.313"	1.234"	1-1/4"x11.5	1.687"	1.563"
-20	1-1/4"	1-1/4"x11	1.656"	1.531"	1-1/4"x11	1.656"	1.531"	1-5/8"x12	1.625"	1.547"	1-1/2"x11.5	1.906"	1.750"
-24	1-1/2"	1-1/2"x11	1.875"	1.781"	1-1/2"x11	1.875"	1.781"	1-7/8"x12	1.875"	1.797"	2"x11.5	2.375"	2.250"
-32	2"	2"x11	2.345"	2.219"	2"x11	2.345"	2.219"	2-1/2"x12	2.500"	2.422"			
-40	2 1/2"	2 1/2" x 11	2.91"	2.83"	2 1/2" x 11	2.956"	2.858"						
-48	3"	3" x 11	3.41	3.33"	3" x 11	3.46"	3.362"						

Dash Size	Size	ORFS (UNF THREAD)			SAE 45 FLARE			SAE CODE 61			SAE CODE 62		
		O Ring Face Seal			UNF Thread								
		Thread	Male OD (TPI)	Female ID (TPI)	Thread	Male OD (TPI)	Female ID (TPI)	OD (MM)	THICK NESS (MM)		OD (MM)	THICK NESS (MM)	
-02	1/8"				5/16"x24	.313"	.234"						
-03					3/8"x24	.375"							
-04	1/4"	9/16"x18	.563"	.500"	7/16"x20	.438"	.391"						
-05	5/16"				1/2"x20	.500"	.453"						
-06	3/8"	11/16"x16	.688"	.625"	5/8"x18	.625"	.563"						
-08	1/2"	13/16"x16	.813"	.750"	3/4"x16	.750"	.687"	30.2	6.73		31.7	7.75	
-10	5/8"	1"x14	1.000"	.937"	7/8"x14	.875"	.805"	34	6.73				
-12	3/4"	1-3/16"x12	1.188"	1.095"	1-1/16"x14	1.063"	.984"	38.1	6.73		41.3	8.76	
-16	1"	1-7/16"x12	1.438"	1.344"	1-5/16"x12	1.313"	1.234"	44.5	8		47.6	9.53	
-20	1-1/4"	1-11/16"x12	1.688"	1.594"	1-5/8"x12	1.625"	1.547"	50.8	8		54	10.29	
-24	1-1/2"	2"x12	2.000"	1.906"	1-7/8"x12	1.875"	1.797"	60.3	8		63.5	12.57	
-32	2"				2-1/2"	2.500"	2.422"	71.4	9.53		79.4	12.57	
-40	2 1/2"							84.1	9.53				
-48	3"							101.6	9.53				