

Blank diameter before rolling thread

Metric thread		American coarse thread		PT	PS	PF	British tube thread	
Spec	Roll diameter	Spec	Roll diameter	Spec	A Roll dia.	B Roll dia.	Minor dia.	
M2.0×0.4	1.67-1.70	N0.2×56	1.84-1.86	1/16×28	7.05-7.10	7.05-7.94	6.78-6.89	
M2.3×0.4	1.97-2.00	N0.2×48	2.11-2.14					
M2.6×0.45	2.23-2.26	N0.4×40	2.36-2.40	1/8×28	9.05-9.10	8.94-9.05	8.79-8.90	
M3.0×0.5	2.60-2.63	N0.5×40	2.69-2.72					
M3.5×0.6	3.03-3.06	N0.6×32	2.91-2.95	1/4×19	12.19-12.25	12.07-12.19	11.80-11.92	
M4.0×0.7	3.45-3.49	N0.8×32	3.57-3.60					
M4.5×0.75	3.92-3.96	N0.11×24	4.05-4.09	3/8×19	15.69-12.25	15.57-15.69	15.29-15.41	
M5.0×0.8	4.38-4.43	N0.12×24	4.70-4.75					
M6.0×1.0	5.25-5.30	1/4×20	5.45-5.50	1/2×14	19.67-19.74	19.53-19.67	19.14-19.28	
M7.0×1.0	6.25-6.30	5/16×18	6.93-6.98					
M8.0×1.25	7.07-7.12	3/18×16	8.40-8.45	3/4×14	25.15-25.22	25.01-25.15	24.68-25.54	
M9.0×1.25	8.07-8.12	7/16×14	9.83-9.89					
M10×1.5	8.91-8.97	1/2×13	11.32-11.39	1×11	31.61-31.70	31.43-31.61	30.94-31.12	
M11×1.5	9.91-9.97	9/16×12	12.80-12.87					
M12×1.75	10.73-10.79	5/8×11	14.26-14.33	1 1/4×11	40.34-40.43	40.16-40.34	39.46-39.64	
M14×2.0	12.56-12.63	3/4×10	17.27-17.34					
M16×2.0	14.56-14.63	7/8×9	20.26-20.34	1 1/2×11	46.23-46.32	46.05-46.23	45.35-45.53	
M18×2.5	16.23-16.31	1×8	23.20-23.28					
M20×2.5	18.23-18.31	1 1/8×7	26.07-26.16	2×11	58.05-58.14	57.87-58.05	57.14-59.96	
M22×2.5	20.23-20.31	1 1/4×7	29.24-29.33					
M24×3.0	21.90-21.98	1 3/8×6	32.02-32.12	NPT NPS American tube thread				
M27×3.0	23.89-24.98	1 1/2×6	35.08-35.29	Spec	A Roll dia.	B Roll dia.	Minor dia.	
M30×3.5	27.56-27.66	1 3/4×5	40.85-41.08	1/16×27	7.39-7.44	7.28-7.39	6.78-6.89	
M33×3.5	30.56-30.65	2×4 1/2	47.00-47.06					
M36×4.0	33.23-33.33	American fine thread		1/8×27	9.39-9.44	9.28-9.39	9.13-9.24	
M39×4.0	36.22-36.63	Spec	Roll diameter					
M42×4.5	38.90-39.01	N0.6×40	3.02-3.05	1/4×18	12.37-12.43	12.25-12.37	11.99-12.11	
M45×4.5	41.90-42.00	N0.8×36	3.03-3.66					
M48×5.0	44.45-44.68	N0.10×32	4.22-4.26	3/8×18	15.82-15.88	15.28-15.70	15.41-15.53	
British thread		N0.12×28	4.80-4.84					
Spec	Roll diameter	N0.1/4×28	5.68-5.72	1/2×14	19.65-19.72	19.51-19.65	19.12-19.26	
W3/32-48	2.01-2.04	N0.5/16×24	7.16-7.20					
W1/8-40	2.72-2.75	N0.3/8×24	8.74-8.79	3/4×14	24.99-25.06	24.8-24.99	24.33-24.52	
W5/32-32	3.39-3.43	N0.7/16×20	10.18-10.23					

W3/16-24	4.05-4.08	NO.1/2×20	11.76-11.82	1×11 ^{1/2}	31.30-31.39	31.12-31.30	30.63-30.80
W1/4-20	5.46-5.51	NO.9/16×18	13.25-13.31				
W5/16-18	6.95-7.01	NO.5/8×18	14.83-14.89	1 ^{1/4} ×11 ^{1/2}	40.12-40.21	39.94-40.12	39.24-39.42
W3/8-16	8.41-8.48	NO.3/4×16	17.89-17.95				
W7/16-14	9.85-9.92	NO.7/8×14	20.91-20.98	1 ^{1/2} ×11 ^{1/2}	46.19-46.28	46.01-46.19	45.31-45.49
W1/2-12	11.21-11.24	NO.1×12	23.87-23.95				
W9/16-12	12.82-12.89	NO.11/8×12	27.05-27.12	2×11 ^{1/2}	46.06-58.33	46.06-46.24	57.15-57.3
W5/8-11	14.29-14.36	NO.11/4×12	30.21-30.29				
W3/4-10	17.30-17.38	NO.13/8×12	33.38-33.46				
W7/8-9	20.29-20.38	NO.11/2×12	36.55-36.63				
W1-8	23.23-23.32						