

Tableau de correspondance de la boulonnerie métrique et Américaine (US)



Tableau des filetages métriques						Tableau des filetages non-métriques								
Désignation	Diamètre nominal		Pas régulier	Pas fin		Désignation	Diamètre nominal		UNC	UNF	UNEF	8-UN	BSW ^a	BSF ^b
	en mm	en pouce		Pas en mm			en pouce	en mm						
M1	1.00	0.039"	0.25	---	---	#0	0.060"	1.52	---	80	---	---	---	---
(M1.1) ^c	1.10	0.043"	0.25	---	---	(#1) ^c	0.073"	1.85	64	72	---	---	---	---
M1.2	1.20	0.047"	0.25	---	---	#2	0.086"	2.18	56	64	---	---	---	---
(M1.4) ^c	1.40	0.055"	0.30	---	---	(#3) ^c	0.099"	2.51	48	56	---	---	---	---
M1.6	1.60	0.063"	0.35	---	---	#4	0.112"	2.84	40	48	---	---	---	---
(M1.8) ^c	1.80	0.071"	0.35	---	---	1/8"	0.125"	3.18	---	---	---	---	40	---
M2	2.00	0.079"	0.40	---	---	#5	0.125"	3.18	40	44	---	---	---	---
(M2.2) ^c	2.20	0.087"	0.45	---	---	#6	0.138"	3.51	32	40	---	---	---	---
M2.5	2.50	0.098"	0.45	---	---	5/32"	0.156"	3.97	---	---	---	---	32	---
M3	3.00	0.118"	0.50	---	---	#8	0.164"	4.17	32	36	---	---	---	---
M3.5	3.50	0.138"	0.60	---	---	3/16"	0.188"	4.76	---	---	---	---	24	---
M4	4.00	0.157"	0.70	---	---	#10	0.190"	4.83	24	32	---	---	---	---
M4.5	4.50	0.177"	0.75	---	---	(#12) ^c	0.216"	5.49	24	28	32	---	---	---
M5	5.00	0.197"	0.80	---	---	1/4"	0.250"	6.35	20	28	32	---	20	26
M6	6.00	0.236"	1	0.75	---	(5/32") ^c	0.281"	7.14	---	---	---	---	---	26
M7	7.00	0.276"	1	---	---	5/16"	0.313"	7.94	18	24	32	---	18	22
M8	8.00	0.315"	1.25	1	---	3/8"	0.375"	9.53	16	24	32	---	16	20
(M9) ^c	9.00	0.354"	1.25	---	---	7/16"	0.438"	11.11	14	20	28	---	14	18
M10	10.00	0.394"	1.5	1.25	1	1/2"	0.500"	12.70	13	20	28	---	12	16
(M11) ^c	11.00	0.433"	1.5	1.25	1	9/16"	0.563"	14.29	12	18	24	---	12	16
M12	12.00	0.472"	1.75	1.5	1.25	5/8"	0.625"	15.88	11	18	24	---	11	14
					1	(11/16") ^c	0.688"	17.46	---	---	24	---	11	14
(M14) ^d	14.00	0.551"	2	1.5	---	3/4"	0.750"	19.05	10	16	20	---	10	12
M16	16.00	0.630"	2	1.5	---	(13/16") ^c	0.813"	20.64	---	---	20	---	---	---
M18	18.00	0.709"	2.5	2	1.5	7/8"	0.875"	22.23	9	14	20	---	9	11
M20	20.00	0.787"	2.5	2	1.5	(15/16") ^c	0.938"	23.81	---	---	20	---	---	---
M22	22.00	0.866"	2.5	2	1.5	1"	1.000"	25.40	8	14	20	UNC	8	10
M24	24.00	0.945"	3	2	1.5					(12) ^o				
M27	27.00	1.063"	3	2	1.5	(1 1/16") ^c	1.063"	26.99	---	---	18	---	---	---
M30	30.00	1.181"	3.5	2	1.5	1 1/8"	1.125"	28.58	7	12	18	8	7	9
M33	33.00	1.299"	3.5	2	1.5	(1 3/16") ^c	1.188"	30.16	---	---	18	---	---	---
M36	36.00	1.417"	4	3	1.5	1 1/4"	1.250"	31.75	7	12	---	8	7	9
M39	39.00	1.535"	4	3	1.5	(1 5/16") ^c	1.313"	33.34	---	---	18	---	---	---
M42	42.00	1.654"	4.5	3	1.5	1 3/8"	1.375"	34.93	6	12	---	8	6	8
M45	45.00	1.772"	4.5	3	1.5	(1 7/16") ^c	1.438"	36.51	---	---	18	---	---	---
M48	48.00	1.890"	5	3	1.5	1 1/2"	1.500"	38.10	6	12	---	8	6	8
M52	52.00	2.047"	5	3	1.5	(1 9/16") ^c	1.563"	39.69	---	---	18	---	---	---
M56	56.00	2.205"	5.5	4	2	1 5/8"	1.625"	41.28	---	---	18	---	---	---
M60	60.00	2.362"	5.5	4	---	(1 11/16") ^c	1.688"	42.86	---	---	18	---	---	---
M64	64.00	2.520"	6	4	---	1 3/4"	1.750"	44.45	5	12	---	8	5	---
M68	68.00	2.677"	---	4	---	2"	2.000"	50.80	4 1/2	12	---	8	4.5	---
M72	72.00	2.835"	---	6	---	2 1/4"	2.250"	57.15	4 1/2	12	---	8	4	---
M76	76.00	2.992"	---	6	---	2 1/2"	2.500"	63.50	4	12	---	8	4	---
M80	80.00	3.150"	---	6	---	2 3/4"	2.750"	69.85	4	12	---	8	3.5	---
M90	90.00	3.543"	---	6	---	3"	3.000"	76.20	4	12	---	8	3.5	---
M100	100.00	3.937"	---	6	---	3 1/4"	3.250"	82.55	4	12	---	8	---	---
M110	110.00	4.331"	---	6	---	3 1/2"	3.500"	88.90	4	12	---	8	---	---
						3 3/4"	3.750"	95.25	4	12	---	8	---	---
						4"	4.000"	101.60	4	12	---	8	---	---
						4 1/4"	4.250"	107.95	4	12	---	8	---	---
						4 1/2"	4.500"	114.30	4	12	---	8	---	---
						4 3/4"	4.500"	114.30	4	12	---	8	---	---

Notes :
a) BSW = British standard WhitWorth.
b) BSF = British standard Fine.
c) Indique un filetage qui est rarement utilisé.
d) Les vis de ce diamètre sont moins courantes.
e) Le filetage 1"-12UNF correspond à l'ancien standard et est devenu obsolète.