

DIAMÈTRES FORETS, PERÇAGES AVANT TARAUDAGES

● Filetage métrique

Nominal	Diamètre foret	
	HSS	Carbure
M1 ×0.25	0.75	0.75
M1.1×0.25	0.85	0.85
M1.2×0.25	0.95	0.95
M1.4×0.3	1.10	1.10
M1.6×0.35	1.25	1.30
M1.7×0.35	1.35	1.40
M1.8×0.35	1.45	1.50
M2 ×0.4	1.60	1.65
M2.2×0.45	1.75	1.80
M2.3×0.4	1.90	1.95
M2.5×0.45	2.10	2.15
M2.6×0.45	2.15	2.20
M3 ×0.5	2.50	2.55
M3.5×0.6	2.90	2.95
M4 ×0.7	3.3	3.4
M4.5×0.75	3.8	3.9
M5 ×0.8	4.2	4.3
M6 ×1.0	5.0	5.1
M7 ×1.0	6.0	6.1
M8 ×1.25	6.8	6.9
M9 ×1.25	7.8	7.9
M10 ×1.5	8.5	8.7
M11 ×1.5	9.5	9.7
M12 ×1.75	10.3	10.5
M14 ×2.0	12.0	12.2
M16 ×2.0	14.0	14.2
M18 ×2.5	15.5	15.7
M20 ×2.5	17.5	17.7
M22 ×2.5	19.5	19.7
M24 ×3.0	21.0	—
M27 ×3.0	24.0	—
M30 ×3.5	26.5	—
M33 ×3.5	29.5	—
M36 ×4.0	32.0	—
M39 ×4.0	35.0	—
M42 ×4.5	37.5	—
M45 ×4.5	40.5	—
M48 ×5.0	43.0	—

● Filetage fin métrique

Nominal	Diamètre foret		Nominal	Diamètre foret		Nominal	Diamètre foret	
	HSS	Carbure		HSS	Carbure		HSS	Carbure
M1 ×0.2	0.80	0.80	M20 ×2.0	18.0	18.3	M42 ×3.0	39.0	—
M1.1×0.2	0.90	0.90	M20 ×1.5	18.5	18.7	M42 ×2.0	40.0	—
M1.2×0.2	1.00	1.00	M20 ×1.0	19.0	19.1	M42 ×1.5	40.5	—
M1.4×0.2	1.20	1.20	M22 ×2.0	20.0	—	M45 ×4.0	41.0	—
M1.6×0.2	1.40	1.40	M22 ×1.5	20.5	—	M45 ×3.0	42.0	—
M1.8×0.2	1.60	1.60	M22 ×1.0	21.0	—	M45 ×2.0	43.0	—
M2 ×0.25	1.75	1.75	M24 ×2.0	22.0	—	M45 ×1.5	43.5	—
M2.2×0.25	1.95	2.00	M24 ×1.5	22.5	—	M48 ×4.0	44.0	—
M2.5×0.35	2.20	2.20	M24 ×1.0	23.0	—	M48 ×3.0	45.0	—
M3 ×0.35	2.70	2.70	M25 ×2.0	23.0	—	M48 ×2.0	46.0	—
M3.5×0.35	3.20	3.20	M25 ×1.5	23.5	—	M48 ×1.5	46.5	—
M4 ×0.5	3.50	3.55	M25 ×1.0	24.0	—	M50 ×3.0	47.0	—
M4.5×0.5	4.00	4.05	M26 ×1.5	24.5	—	M50 ×2.0	48.0	—
M5 ×0.5	4.50	4.55	M27 ×2.0	25.0	—	M50 ×1.5	48.5	—
M5.5×0.5	5.00	5.05	M27 ×1.5	25.5	—			
M6 ×0.75	5.30	5.35	M27 ×1.0	26.0	—			
M7 ×0.75	6.30	6.35	M28 ×2.0	26.0	—			
M8 ×1.0	7.00	7.10	M28 ×1.5	26.5	—			
M8 ×0.75	7.30	7.35	M28 ×1.0	27.0	—			
M9 ×1.0	8.00	8.10	M30 ×3.0	27.0	—			
M9 ×0.75	8.30	8.35	M30 ×2.0	28.0	—			
M10 ×1.25	8.80	8.90	M30 ×1.5	28.5	—			
M10 ×1.0	9.00	9.10	M30 ×1.0	29.0	—			
M10 ×0.75	9.30	9.35	M32 ×2.0	30.0	—			
M11 ×1.0	10.0	10.1	M32 ×1.5	30.5	—			
M11 ×0.75	10.3	10.3	M33 ×3.0	30.0	—			
M12 ×1.5	10.5	10.7	M33 ×2.0	31.0	—			
M12 ×1.25	10.8	10.9	M33 ×1.5	31.5	—			
M12 ×1.0	11.0	11.1	M35 ×1.5	33.5	—			
M14 ×1.5	12.5	12.7	M36 ×3.0	33.0	—			
M14 ×1.0	13.0	13.1	M36 ×2.0	34.0	—			
M15 ×1.5	13.5	13.7	M36 ×1.5	34.5	—			
M15 ×1.0	14.0	14.1	M38 ×1.5	36.5	—			
M16 ×1.5	14.5	14.7	M39 ×3.0	36.0	—			
M16 ×1.0	15.0	15.1	M39 ×2.0	37.0	—			
M17 ×1.5	15.5	15.7	M39 ×1.5	37.5	—			
M17 ×1.0	16.0	16.1	M40 ×3.0	37.0	—			
M18 ×2.0	16.0	16.3	M40 ×2.0	38.0	—			
M18 ×1.5	16.5	16.7	M40 ×1.5	38.5	—			
M18 ×1.0	17.0	17.1	M42 ×4.0	38.0	—			

(Nota) Le diamètre de perçage doit être mesuré puisqu'il peut varier selon les conditions d'usinage, et de la matière.
Si le diamètre est inapproprié avant taraudage, le diamètre du foret doit être modifié.