

Head diameter		Hardened steel tough material r/min	Natural steel softer material cast iron r/min	Soft material wood, plastic, alum., brass etc r/min
Files made of case-hardened steel	6 mm	—	3.000–20.000	6.000–30.000
	12 mm	—	1.000–10.000	5.000–15.000
High speed steel files	6 mm	—	5.000–20.000	10.000–30.000
	12 mm	—	1.000–10.000	5.000–15.000
Carbide files	3 mm	40.000–60.000	50.000–80.000	(choose high speed steel files)
	6 mm	20.000–50.000	25.000–60.000	
	12 mm	10.000–25.000	15.000–35.000	