

# TECHNICAL DATA | WINNER |

## WE504H Series

Work Material	Alloy Steels, Carbon Steels (SCM, SNCM, S45C)		Prehardened Steels (NAK, CENA, KP4)		Hardened Steels (SKD, SKT, STAVAX)	
Hardness	≤ 35 HRc		35 ~ 45 HRc		45 ~ 55 HRc	
Strength	≤ 1100N / mm <sup>2</sup>		1100~1500N / mm <sup>2</sup>		1500~2000N / mm <sup>2</sup>	
Cutting Diameter (metric)	RPM	FEED	RPM	FEED	RPM	FEED
1.0	6,300	100	5,040	80	3,150	45
2.0	4,410	115	3,570	100	2,200	55
3.0	3,570	140	2,840	115	1,790	60
4.0	3,050	180	2,420	140	1,580	70
6.0	2,630	215	2,100	180	1,370	90
8.0	2,000	230	1,580	180	1,050	90
10.0	1,680	230	1,370	180	840	90
12.0	1,370	180	1,160	160	700	70
16.0	1,160	160	890	125	560	60
20.0	840	115	680	90	420	45

RPM = rev. / min.  
FEED = mm / min.

