

# TECHNICAL DATA | WINNER |

## WME504, WXE504 series

Work Material	Alloy Steels, Carbon Steels (SCM, SNCM, S45C)		Prehardened Steels (NAK, CENA, KP4)		Stainless Steels (SUS)		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	RPM	FEED
2.0	11,560	280	7,560	170	6,300	140	5,040	50
3.0	8,920	320	5,560	200	4,620	170	3,360	60
4.0	7,560	570	4,620	350	3,880	280	2,940	60
5.0	6,300	600	3,780	360	3,160	300	2,320	70
6.0	5,560	660	3,360	410	2,840	330	2,000	80
8.0	4,200	710	2,520	380	2,100	350	1,680	110
10.0	3,260	610	2,000	300	1,680	300	1,360	90
12.0	2,740	520	1,680	250	1,360	240	1,160	80
16.0	2,200	410	1,360	200	1,100	300	900	60
20.0	1,680	320	1,060	160	840	150	680	40
25.0	1,360	250	840	130	680	120	540	30

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

