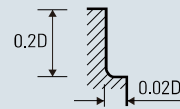
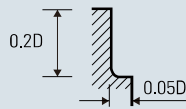


## WXR504 Series

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	27,600	300	18,000	220	11,000	120
1.5	22,000	310	13,500	230	8,500	120
2.0	18,000	320	11,560	240	7,200	130
2.5	15,000	330	9,500	250	6,100	130
3.0	13,240	340	8,560	260	5,280	130
4.0	10,720	420	6,820	300	4,300	140
5.0	9,160	430	5,800	360	3,800	170
6.0	7,900	430	5,040	360	3,280	170
8.0	6,000	460	3,800	360	2,520	170
10.0	5,040	460	3,280	360	2,020	170
12.0	4,120	360	2,780	320	1,680	140
16.0	3,100	280	2,100	230	1,280	115
20.0	2,520	230	1,640	180	1,000	90

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



## WXR514 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	33,100	360	21,600	260	13,200	140
1.5	26,400	370	16,200	270	10,200	140
2.0	21,600	380	13,800	280	8,640	150
2.5	18,000	390	11,400	300	7,320	150
3.0	15,900	400	10,300	310	6,300	150
4.0	12,800	500	8,200	360	5,150	160
5.0	11,000	510	7,000	430	4,560	200
6.0	9,500	510	6,000	430	3,930	200
8.0	7,200	550	4,550	430	3,020	200
10.0	6,000	550	4,000	430	2,420	200
12.0	5,000	430	3,340	380	2,000	160
16.0	3,720	330	2,520	280	1,540	135
20.0	3,000	270	1,950	210	1,200	100

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

