

Wolfram Tool grade comparison

CBN

TURNING	HARDENED STEEL	Machining conditions	Wolfram Tool	Mitsubishi Carbide	Sumitomo Carbide	Tungaloy	Kyocera	Kennametal	Sandvik
		Continuous	W5000	MBC010 MB810	BNC80 BNX10	BX310 BXC30	KBN10B KBN10N	KD050	CB20
		Slight Interruption	W6000	MBC020 MB8025	BNC160 BNX20	BX330 BXA30	KBN510 KBN10C	KB9610	CB7015
		Moderately Interrupted	W6000	MBC020 MB825 MB835	BN250 BNC200 BNX25	BX360 BXA40	KBN525 KBN10M KBN25M	KB081	CB7020
		Highly Interrupted	W700	MBC020 MB835	BNC300 BN350	BX380 BXC50	KBN900	KB5625	CB7025
	SUPERALLOY		W800 W950 W1000	MB730	BN700	BX950 BX450 BX480	KBN65M	KD120	CB7050
	CAST IRON	Ni hard High Chrome White iron	W1000 W950	MB710	BN600 BNS800	BX930	KBN65B KBN70M	KD120	
		Grey Cast iron	W1000 W950	MB710 MB730	BN700 BN7500	BX470 BX480 BX950	KBN900	KD200	CB7050
		Ductile Iron	W800 W900	MB730 MBS140 CB5030	BN700 BNS800	BX90S BXC90		KB9640 KB1340	
	Sintered Alloy		W950 W900	MB4020	BN600 BN700	BX480		KD240	

PCD

TURNING	COARSE	Particle Size	Micron	Wolfram Tool	Element 6	Sumitomo Carbide	Diamond Innovations	Kyocera	Kennametal	ISCAR
			50 Or less	WP4095	CTM302	DA90				
	25		WP2595	CTH025		Compax1800	KPD025	KD1425	ID6	
			WP2594	CTB025		Compax1500				
	MEDIUM		8-12	WP1092	CTB010			KPD010	KP300	ID5
			5			DA150	Compax1300			
	FINE		4	WP490			Compax1600		KP100	ID4
			2	WP290	CTB002		Compax1200	KPD002	KD1400	
			1 Or less	WP190 WP185	CMX850	DA1000 DA2200 DA200		KPD001		

