
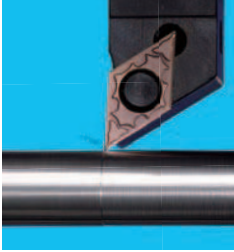








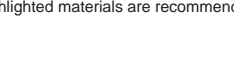


Summary of Insert Grades

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Insert Material Selection Table

Application	Cutting Range	P	M	K		N	S	H	Sintered steel	
		Steel	Stainless Steel	Gray Cast Iron	Nodular Cast Iron	Non-ferrous Metals	Heat-Resistant Steel	Titanium Alloys		Hardened materials
Turning	 Finishing ↑ ↓ Roughing	TN6010								
		TN60	TN60	KBN60M					A65	
		TN6020	PV7025	KA30	TN60			CF1	A66N	TN6010
		PV7010	CA6515	PV7005	PV7005	KPD001	CA6515	KPD001	PT600M	TN60
		PV7025	CA5525	CA5505	CA5505	KPD010	CA6525	KPD010	KBN05M	TN60
		CA5505	CA5535	CA4505	CA4505	KW10	PR1305	SW05	KBN10M	PR930
		CA5515	CA6525	CA4515	CA4515		PR1310	SW10	KBN25M	KBN65M
		CA5525	PR1125				PR1325	SW25	KBN30M	KBN70M
		CA5535	PR660						KBN35M	
									KBN900	
Small Tools	 Finishing ↑ ↓ Roughing	TN6010								
		TN60								
		TN6020							KBN05M	TN6010
		PV7010	PV7025	CA4505	CA4505	KPD001	CA6515	KPD001	KBN10M	TN60
		PV7025	PR930	CA4515	CA4515	KPD010	PR1125	KPD010	KBN25M	PR930
		PR1005	PR1025	KW10	KW10	KW10	PR660	KW10	KBN30M	KBN65M
		PR930	PR1225							KBN70M
		PR1025								
		PR1225								
Boring	 Large ↑ Cutting Dia. ↓ Small	TN6010								
		TN60	TN60							
		TN6020	PV7025	KBN60M	PV7005				PT600M	TN6010
		PV7010	CA6515	PV7005	CA4505	KPD001	CA6515	KPD001	KBN05M	TN60
		PV7025	CA6525	CA4505	CA4515	KPD010	CA6525	KPD010	KBN10M	PR930
		CA5515	PR930	CA4515	KW10	KW10	PR1125	KW10	KBN25M	KBN65M
		CA5525	PR1125	KW10			PR660		KBN30M	KBN70M
		CA5535	PR1025	KBN60M						
		PR930	PR1225							
		PR1025								
Cut-Off	 Large ↑ Cutting Dia. ↓ Small	CR9025	CR9025							
		PR1215	PR1215							
Cut-Off	 Large ↑ Cutting Dia. ↓ Small	PR1225	PR1225							
		PR660	PR660	KW10	KW10	KW10	KW10	KW10		
Cut-Off	 Large ↑ Cutting Dia. ↓ Small	PR930	PR930	PR1215	PR1215					
		PR915	PR915							
Cut-Off	 Large ↑ Cutting Dia. ↓ Small	PR1025	PR1025	KW10	KW10	KW10	KW10	KW10		
		PR1225	PR1225							
Grooving	 Glossy finish ↑ ↓ Stable Cutting	TC40	TC40							
		TN6020	TN6020							
		TN90	TN90	PR905	PR905	KPD001	PR915	KPD001	KBN510	TC40
		TC60	TC60	PR1215	PR1215	KW10	KW10	KW10	KBN525	PR930
		PR930	PR915	KW10	KW10	GW15			PT600M	
		PR1115	PR1115	GW15	GW15					
		PR1215	PR1215							
		PR1225	PR1225							
Threading	 Glossy finish ↑ ↓ Stable Cutting	TC60	TC60							
		PR630	PR630	KW10	KW10	KW10	KW10	KW10		
		PR930	PR930	GW15	GW15	GW15	GW15	GW15		
		PR1115	PR1115							
Drilling	 Wear Resistance ↑ ↓ Toughness	PR930								
		PR730	PR730							
		PR830	PR830	PR905	PR905	KW10	PR660	PR1025	KW10	
		PR915	PR915	PR1210	PR1210	GW15	PR1230			
		PR1025	PR1025	KW10	KW10		KW10			
		PR1225	PR1225				GW15			
		PR1230	PR660							
		PR660								
Milling	 Finishing ↑ ↓ Roughing	TN100M								
		PR630	PR630							
		PR730	PR730	PR905	PR905	KPD230		KPD230		
		PR830	PR830	PR1210	PR1210	KPD001	PR630	KPD001		
		PR1025	PR1025	KW10	KW10	KPD010	PR730	KPD010		
		PR660	PR660			KW10	PR830	KW10		
		PR1225	PR1225			GW25	PR1025	PR905		
PR1230	PR1230				PR1225					
					PR660					

· Highlighted materials are recommended choice.

Insert Grades