

■ Top Cut 4 • Cast Iron • 2 x D/3 x D • Speed Chart • Metric

Top Cut 4					Recommended Cutting Speed by Diameter (m/min)												
					Insert Size A			Insert Size B			Insert Size C			Insert Size D			
					TCF040203AC TCF040204AP 12,00–13,99mm			TCF060203BC TCF050204BP 14,00–18,99mm			TCF070304CC TCF070306CP 19,00–23,99mm			TCF090305DC TCF080308DP 24,00–29,99mm			
Material Group	Condition	Pocket Seat	Geometry	Grade	min	Start	max	min	Start	max	min	Start	max	min	Start	max	
K	1	S	P	V34	WPK10CH	120	140	180	140	170	250	150	180	260	160	200	280
			C	V34	WU25CH												
		U	P	V34	WU25CH	110	120	160	130	160	240	140	170	250	150	180	260
			C	V34	WU40PH												
		I	P	V34	WU40PH	100	110	140	120	150	230	130	160	240	140	170	260
			C	V34	WU40PH												
	2	S	P	V34	WPK10CH	120	140	180	130	160	240	140	180	250	150	180	260
			C	V34	WU25CH												
		U	P	V34	WU25CH	110	120	160	120	150	230	130	160	240	140	160	250
			C	V34	WU40PH												
		I	P	V34	WU40PH	100	110	140	120	150	220	130	160	240	140	160	250
			C	V34	WU40PH												
	3	S	P	V34	WPK10CH	120	140	160	130	160	240	140	170	240	150	170	250
			C	V34	WU25CH												
		U	P	V34	WU25CH	110	120	140	120	150	230	130	160	230	140	160	240
			C	V34	WU40PH												
		I	P	V34	WU40PH	90	100	120	120	150	230	130	160	230	140	160	220
			C	V34	WU40PH												

NOTE: For 4 x D, it is highly recommended to start with feed and speed values reduced by 10% less than above recommendations.

For 5 x D, diameter range 12–23,99mm (insert sizes A to C), it is highly recommended to start with feed and speed values reduced by 20% less than above recommendations.

For 5 x D, diameter range 24–68mm (insert sizes D to H), it is highly recommended to start with feed and speed values reduced by 15% less than above recommendations.

For 4 x D and 5 x D, it is recommended to reduce the feed rate during entry and exit by 30–50%.

Condition: S = stable conditions,

U = unstable cutting conditions,

I = interrupted cutting conditions

Pocket Seat: P = periphery insert,

C = centre insert