



## Selection Guide

FACE MILLS

INDEXABLE END MILLS

SOLID CARBIDE END MILLS  
MILLING PRODUCTS

End Mill Style — Inch	General-Purpose Carbide					
	HEC	CRHEC	HHEC	DHEC	BNEC	DBNEC
catalog page	C18-C19	C28	C27	C29	C32	C34
diameter range	1/64" - 1"	1/8" - 1"	1/8" - 1"	1/32" - 1/2"	1/64" - 1"	1/32" - 1/2"
center cutting	Y	Y	Y	Y	Y	Y
grade designation...see page C13	K600 KC610M KC635M	KC610M KC635M	K605 KC615 KC635M	K600 KC610M KC635M	K600 KC610M KC635M	KC610M
no. of flutes	2, 3, & 4	4	3	2 & 4	2, 3, & 4	4
length of cut	stub standard extended	standard	standard	stub	standard extended	stub
helix angle	30°	30°	60°	30°	30°	30°
special features		corner radius				








End Mill Style — Metric	F..DK45 F..DK30 F..DL45 F..DL30 F..DN30				F...DL30 F...DN30	
catalog page	C16-C17 C20-C23				C33	
diameter range	2.5-20 mm				2-25 mm	
center cutting	Y				Y	
grade designation...see page C13	KC633M				KC633M	
no. of flutes	2, 3 & 4				2 & 4	
length of cut	DIN 6527 short and long DIN 6528				DIN 6527 long DIN 6528	
helix angle	30° & 45°				30°	
special features						



<b>P</b>	Steels (<286 HB) <35 HRC	●	●		●	●	●
	Steels (>286 HB) 35 to 45 HRC	●	●		●	○	○
<b>M</b>	Stainless Steel	○	○	○	○	○	○
<b>K</b>	Cast Iron	●	●		●	●	●
<b>N</b>	Non-Ferrous and Non-Metals	○	○		○	○	○
<b>S</b>	High-Temp Alloys	○	○	○	○	○	○
<b>H</b>	Hardened Materials						

● First Choice    ○ Alternate Choice    Blank = Not Recommended



End Mill Style — Inch	General-Purpose Carbide			Special Applications			
	MDRHEC	SFRHEC					
catalog page	C24	C24					
diameter range	1/4" - 1"	1/4" - 1"					
center cutting	Y	Y					
grade designation...see page C13	KC610M KC625M	KC625M					
no. of flutes	3, 4, & 5	3					
length of cut	standard	standard					
helix angle	40° & 30°	40°					
special features	coarse pitch rougher	coarse pitch rougher					
End Mill Style — Metric	F...BW..20 F...BW..20C	F3BA..BW.30 F3BA..BW.30C	F.B..BDL30.. F.B..BDL45...	F2AA.DL45	F.AV..DL45	F3AS..BDK35	F3BS..BDK35 F3BS..BDL35
catalog page	C25	C25	C26	C31	C30	C31	C31
diameter range	6-25 mm	6-25 mm	6-25 mm	3-20 mm	6-25 mm	3-20 mm	3-20 mm
center cutting	Y	Y	Y	Y	Y	Y	Y
grade designation...see page C13	KC633M	K600	KC633M	K600	KC637M	KC633M	KC633M
no. of flutes	3, 4 & 5	3	3, 4 & 6	2	6 & 8	3	3
length of cut	factory standard	factory standard	DIN 6527 long	DIN 6527 long	DIN 6527 long	DIN 6527 short	DIN 6527 short and long
helix angle	20°	30° & 45°	30° & 45°	45°	45°	35°	35°
special features	with or without coolant	with or without coolant	Semi-Finishing	Aluminum	Hard Milling	Stainless Steel	Semi-Finishing Stainless Steel
							
<b>P</b> Steels (<286 HB) <35 HRC	●		●			●	●
Steels (>286 HB) 35 to 45 HRC	○		○			○	○
<b>M</b> Stainless Steel	○	○	●			●	●
<b>K</b> Cast Iron	●		●				
<b>N</b> Non-Ferrous and Non-Metals		●		●		○	○
<b>S</b> High-Temp Alloys	○ (inch only)	○	○	○		●	●
<b>H</b> Hardened Materials					●		

● First Choice    ○ Alternate Choice    Blank = Not Recommended