



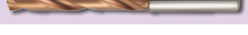
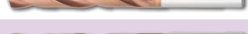
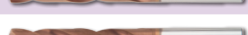






DRILLS

SERIES	PAGE	COATING	DESCRIPTION
1580HD 	17	HELICA	Stub length, 2 flute, High performance, Common shank
1580H 	14	HARDLUBE	Stub length, 2 flute, High performance
1280H 	25	HARDLUBE	Jobber length, 2 flute, High performance
1580KD 	20	HELICA	Stub length, 2 flute, High performance, Coolant fed, Common shank
1280KD 	30	HELICA	Jobber length, 2 flute, High performance, Coolant fed, Common shank
1580KH 	23	HELICA	Stub length, 2 flute, High performance, Coolant fed
1280KH 	28	HELICA	Jobber length, 2 flute, High performance, Coolant fed
1880KH 	33	HELICA	Taper length, 2 flute, High performance, Coolant fed
1520H 	45	HARDLUBE	Stub length, 2 flute, General purpose
1205H 	51	HARDLUBE	Jobber length, 2 flute, General Purpose
1180 	12	ALUMASTAR	Jobber length, 3 flute, High performance

END MILLS

SERIES	PAGE	COATING	DESCRIPTION
VRX 	102 - 107	X.CEED	High performance, 4 flute, Variable flute rougher/finisher,
253MA / 853MA 	87	X.CEED	High performance, 3 flute, Profiling and finishing, Square end
255MA / 855MA 	92	X.CEED	High performance, 5 flute, Square end
255RA / 855RA 	97	X.CEED	High performance, 5 flute, Corner radius
143M 	82	ALUMASTAR	High velocity, 3 flute, High metal removal rate, Square end
143R 	84	ALUMASTAR	High velocity, 3 flute, High metal removal rate, Corner radius
142M 	80	ALUMASTAR	High velocity, 2 flute, High metal removal rate, Square end
142B 	81	ALUMASTAR	High velocity, 2 flute, High metal removal rate, Ball end
242M / 842M 	86	BRIGHT	High performance, 2 flute, For 4000-8000 RPM, Square end
170MA / 870MA 	120	FUTURA	Stub length, 4 flute, General purpose, Square end
190MA / 990MA 	122	FUTURA	Stub length, 4 flute, General purpose, Ball end
223MA / 823MA 	131	FUTURA	Standard length, 3 flute, General purpose, Square end
230MA / 830MA 	131	FUTURA	Standard length, 4 flute, General purpose, Square end
230RA / 830RA 	135	FUTURA	Standard length, 4 flute, General purpose, Corner radius
323MA / 923MA 	142	FUTURA	Standard length, 3 flute, General purpose, Ball end
330MA / 930MA 	142	FUTURA	Standard length, 4 flute, General purpose, Ball end
623MA / 643MA 	156	FUTURA	Extra length, 3 flute, General purpose, Square end
630MA / 650MA 	156	FUTURA	Extra length, 4 flute, General purpose, Square end
630RA 	161	FUTURA	Extra length, 4 flute, General purpose, Corner radius
723MA / 743MA 	167	FUTURA	Extra length, 3 flute, General purpose, Ball end
730MA / 750MA 	167	FUTURA	Extra length, 4 flute, General purpose, Ball end