

DIATOOLS BIT SELECTION CHART

Rock Characteristics	Craelius	Fordia	Hobic	D&B	Boart Longyear	Boart Longyear	Asahi	
Extremely Hard Non-Abrasive Very Fine Grained Competent	KSS	SHARK10 TREX 9-11	15/16 14/15 12/14 10	915 914	ALPHA 10 ALPHA 10 COMP	AMBER 10 GREEN 10	TA150 TA130 TA120	15 12-15 10-12 10
Very Hard Non-abrasive Fine Grained Competent	KS (S++4)	TREX 9-11 SHARK 9	8A.8 9C 9H	912 911	ALPHA 9 ALPHA 9 COMP	GREEN 9 GREEN 8	TA110 TA100	10 8-10 7-9
Hard Moderately Abrasive Fine To Medium Grained Competent to Fractured	KM	SHARK 7 DXP-2 P200	8A.2 8A.6	829 728	ALPHA 8 ALPHA 8 COMP ALPHA 8 ABRASIVE	GREEN 8	TA90 BLUE	7-9 6-8
Medium Hard Moderately Abrasive Medium to Coarse Grained Competent to Fractured	KH	P200 SHARK 6	7A 7C 8A.2	426	ALPHA 7 ALPHA 7 ABRASIVE ALPHA 6	GREEN 7 GREEN 6	SILVER	6-8 6
Medium Soft Abrasive Medium to Coarse Grained Competent to Fractured	HM	SHARK 2	3J 2C	2	APLHA 6 ABRASIVE ALPHA 2	GREEN 2	YELLOW	4-6 2
Very Abrasive Coarse Grained Highly Fractured Abrasive	HH	SHARK 1	1.1	2	ALPHA 1	SERIES 1	RED	1

* This a guide only