



SEGMENT APPLICATION GUIDELINES

Energy Applications



Ultrafine Submicron Medium Coarse Bimodal

HB Grade Code	Flow Control	Nozzles	Trim	Choke Valves	Bushings	Bearings & Bushings	Rods	Rings	Tubes Square	Flat Bars	Discs	Seat Rings	Pistons	Cages	Sleeves	Products for Drilling Control	Stabiliser Inserts	Seat
HB-3	○	○	○	○				○	○			○	○			○		○
HB-110	○	○	○		○	○	○	○		○	○	○		○	○	○	○	
HB-2		○		○	○	○	○	○	○	○	○		○				○	

○ RECOMMENDED

○ INCREASE WEAR RESISTANCE

○ INCREASE TRANSVERSE RUPTURE STRENGTH

H.B. CARBIDE DRILLING MAXIMUMS

DRILL DIAMETER (Inches)	MAXIMUM BLINDHOLE DEPTH (Holding .010 hole drift)
.016	.350"
.025	4.00"
.030	5.50"
.040	5.50"
.050	7.00"
.060	8.00"
.080	10.00"
.100+	12.00"

DRILL DIAMETER (mm)	MAXIMUM BLINDHOLE DEPTH (Holding .25 mm hole drift)
.40	8.9 mm
.64	101 mm
.76	140 mm
1.00	140 mm
1.27	178 mm
1.50	203 mm
2.00	254 mm
2.50+	305 mm

Maximum Mill travel: Tool length + Blindhole depth = < 30" (762 mm)

Maximum tool length with through hole 20" (508 mm)

The longest drill body we keep in stock is 12.5" (317 mm)

PLEASE CALL IF ANY HOLES ARE REQUIRED OUTSIDE OF THESE PARAMETERS

