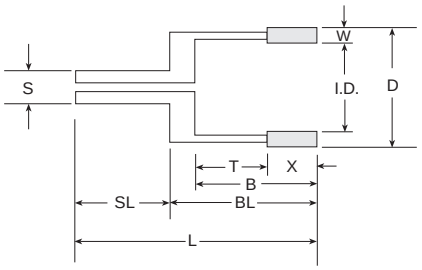
DIAMOND CORE DRILL INFORMATION

Outside Diameter (SCD). Most sizes can be manufactured.

Inside Diameter (ICD). Most sizes can be manufacutured.

STANDARD TOLERANCES:

SCD	
.046 to 1"	+ .004 .000
1 1/6 to 3"	+ .008 -.000
4" up	+ .012 -.000
ICD	
.046 to 1"	+.005 -.000
1 1/6 to 3"	+.010 -.000
4" up	+.015 - .000



Closer tolerances can be held. Please specify.

EXTRA LENGTH
Standard Length

3/64 to 7/64	1 1/2 O.A.L.
1/8" up	2" O.A.L.

DIAMOND WALL THICKNESS:
Standard wall shown in chart
Thin and thick wall thickness available.

DIAMOND DEPTH:

Standard	3/64 to .055	1/16
	1/16 to .085	3/32
	3/32 to 7/64	3/16
	1/8 up	1/4

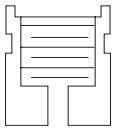
Grit Size - All sizes are available

Concentration - Any

Bonds - CDT has many bonds for different applications.

COLLETS (ADAPTORS)

Tool No.	Collet Size	Thread
CAC #1A	1	5/8 - 18
CAC #1B	1	3/4 - 16
CAC #2	2	1 1/2 - 12
CAC #3	3	2 1/2 - 12
CAC #4	4	2 1/2 - 12
CAC #5	5	2 1/2 - 12
CAC #6	1	1 - 14
CAC #6	2	1 - 14
CAC #UB (ULTRASONIC)	1	



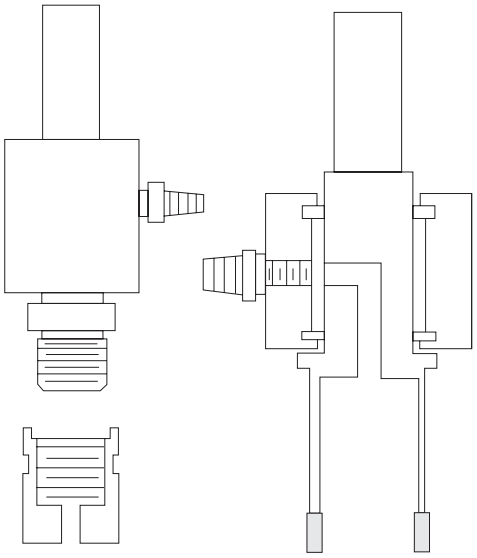
COOLANT FEED DRILL HEAD ASSEMBLY

BEARING TYPE

Tool #	Collet Size	Threads
DHA #1A	1	5/8 - 18
DHA #1B	1	3/4 - 16
DHA #2	2	1 1/2 - 12
DHA #3	3	2 1/2 - 12
DHA #4	4	2 1/2 - 12
DHA #6	1	1 - 14

SEAL TYPE

Tool #	Collet Size	Threads
SHA #1A	1	5/8 - 18
SHA #1B	1	3/4 - 16
SHA #2	2	1 1/2 - 12
SHA #3	3	2 1/2 - 12
SHA #4	4	2 1/2 - 12
SHA #6	1	1 - 14



Drill and shank as one unit

Tool #	Drill Size
SHS-1	Up to 1"
SHS-2	1 1/6 to 2"
SHS-3	2 1/16 to 3"
SHS-4	3 1/16 to 4"