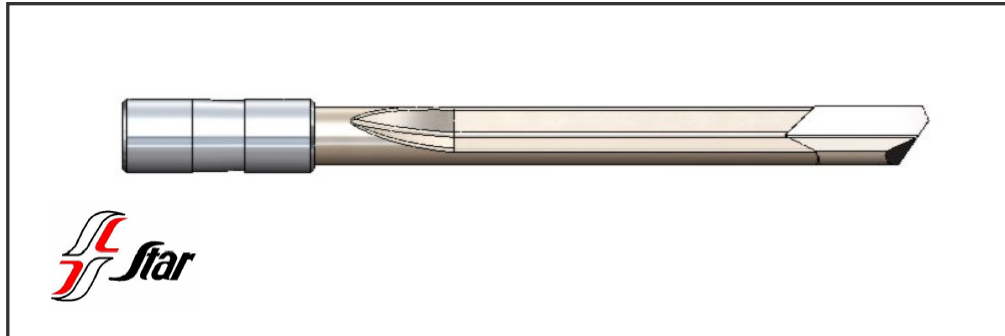




EXPEDITED PROGRAMS FOR SINGLE FLUTE GUNDRILLS



SOLUTION: 24 HOUR-DELIVERY SINGLE FLUTE STOCK:

When you have an emergency and need stock single-single flute gundrills in a hurry, you can rely on Star SU to deliver. Star SU covers a large range of stocked gundrills with various diameters ranging from .078" - .7500" in various lengths we can deliver within 24 hours.

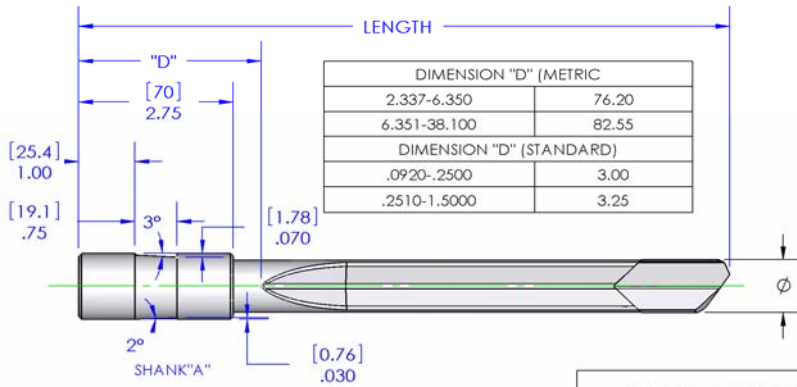
SOLUTION: 24 HOUR-DELIVERY SINGLE FLUTE MOLD TOOL PROGRAM:

Star SU offers a 24-hour delivery service for standard diameter and length Mold Making Gundrills. These Mold Drills are available in diameter ranging from .1885" – 1.500". Standard 1.25" Diameter by 2.75" long drivers apply. If the size you need is not a stocked item please contact us. We offer an additional expedited program allowing us to service our customer needs.

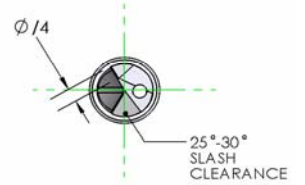
Solution: 72-Hour (Three Working Days) Customer Design Program:

Star SU offers "Custom Design" Single Flute Gundrills with diameters ranging from 0.092" – 1.508", **shipped within 72 hours (Three working days)**. This program allows special designs for specific diameter, overall lengths, point geometry's and contours. Please specify type of material being machined at time of order placement to ensure proper designs.

CD-GUNDRILLS

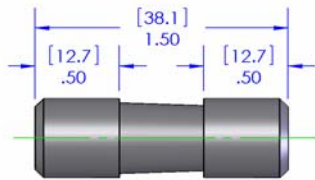


DIMENSION "D" (METRIC)	
2.337-6.350	76.20
6.351-38.100	82.55
DIMENSION "D" (STANDARD)	
.0920-.2500	3.00
.2510-1.5000	3.25

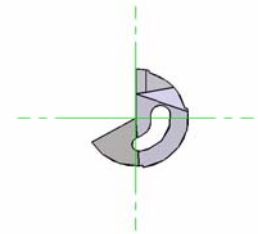


SINGLE HOLE STANDARD
ALL TOOLS OVER Ø.3750

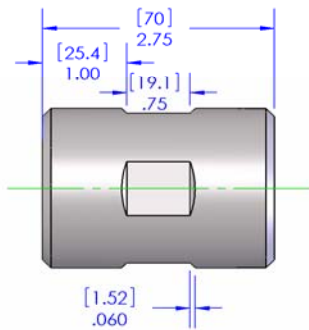
Ø TOLERANCE (METRIC)	
2.337-19.050	+0.000 -0.008
19.051-38.100	+0.000 -0.013
Ø TOLERANCE ENGLISH	
.0920-.7500	+0.0000 -.0003
.7510-1.5000	+0.0000 -.0005



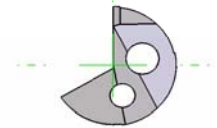
SHANK "B"



KIDNEY HOLE STANDARD
ALL TOOLS UNDER Ø.3750



SHANK "C"



TWIN COOLANT HOLE
OPTIONAL

METRIC		
TOOL Ø	SHANK TYPE	SHANK Ø
2.337-3.123	B	12.700
3.124-12.900	A	19.050
12.901-19.327	A	25.400
19.328-26.871	A	31.750
26.872-27.938	C	38.100
27.939-32.433	C	44.450
32.434-38.100	C	50.800
STANDARD		
TOOL Ø	SHANK TYPE	SHANK Ø
.0920-.1229	B	.5000
.1230-.5079	A	.7500
.5080-.7609	A	1.0000
.7610-1.0579	A	1.2500
1.0580-1.0999	C	1.5000
1.1000-1.2769	C	1.7500
1.2770-1.5000	C	2.0000

