

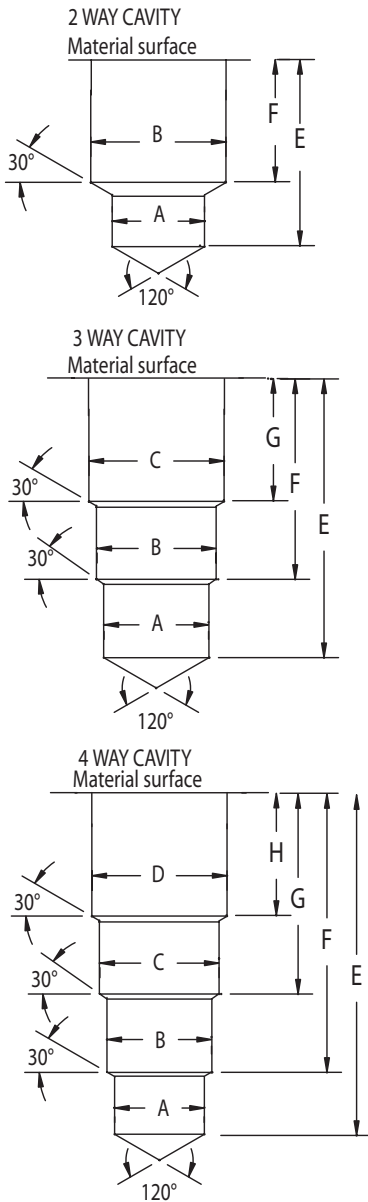
# CARTRIDGE VALVE CUTTERS

## #16 CAVITIES

### 2 WAY, 3 WAY, AND 4 WAY CAVITIES

HIGH SPEED STEEL  
ROUGHING DRILLS

2 Way, 3 Way, and 4 Way rough drills rough the complete cavity in one pass from solid or in pre-drilled or pre-cast holes leaving .030 stock on diameters and steps for finishing tool. Cutters are heat-treated for toughness and durability. All grinding is done between centers to insure concentricity. Cutters are full form relieved for ease of sharpening.



#### COATINGS AVAILABLE

TITANIUM NITRIDE-TIN  
TITANIUM CARBONITRIDE-TICN  
TITANIUM ALUMINUM NITRIDE-TIALN  
AL TITANIUM NITRIDE-ALTN

#### COOLANT THRU AVAILABLE

SERIES #16 CAVITY TOOLING ROUGHING DRILL				
1-5/16 UNF-2B THREAD		DIAMETER TOLERANCES +/- .001		
2 WAY	DIA.	LENGTH	DESCRIPTION	TOOL NUMBER
Dia. A	1.097	E 1.844	HSS Rough Drill	CT16-2R
Dia. B	1.204	F 1.314		
3 WAY	DIA.	LENGTH	DESCRIPTION	TOOL NUMBER
Dia. A	1.034	E 2.968	HSS Rough Drill	CT16-3R
Dia. B	1.097	F 2.439		
Dia. C	1.204	G 1.314		
4 WAY	DIA.	LENGTH	DESCRIPTION	TOOL NUMBER
Dia. A	.972	E 4.094	HSS Rough Drill	CT16-4R
Dia. B	1.034	F 3.564		
Dia. C	1.097	G 2.439		
Dia. D	1.204	H 1.314		

All Diameters are .030 Under Finish Sizes  
Cutters are manufactured with a .750 Dia. shank, 2 long

