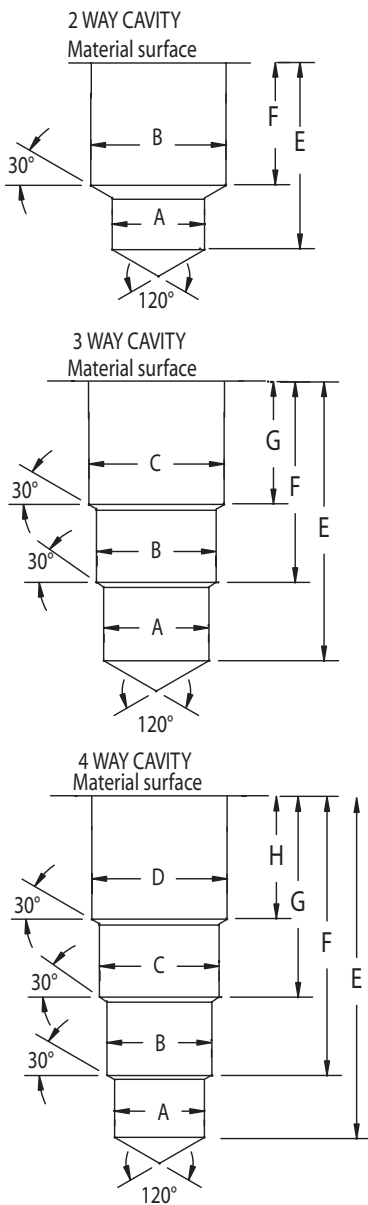


# CARTRIDGE VALVE CUTTERS

## #10 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-ALTiN

#### COOLANT THRU AVAILABLE

SERIES #10 CAVITY TOOLING ROUGHING DRILL				
7/8-14 UNF-2B THREAD				
DIAMETER TOLERANCES +/- .001				
2 WAY	DIA.	LENGTH	DESCRIPTION	TOOL NUMBER
Dia. A	.596	E 1.312	HSS Rough Drill	CT10-2R
Dia. B	.782	F .902		
3 WAY	DIA.	LENGTH	DESCRIPTION	TOOL NUMBER
Dia. A	.596	E 1.875	HSS Rough Drill	CT10-3R
Dia. B	.659	F 1.470		
Dia. C	.782	G .830		
4 WAY	DIA.	LENGTH	DESCRIPTION	TOOL NUMBER
Dia. A	.596	E 2.500	HSS Rough Drill	CT10-4R
Dia. B	.659	F 2.095		
Dia. C	.721	G 1.470		
Dia. D	.782	H .840		
All Diameters are .030 Under Finish Sizes				
Cutters are manufactured with a .750 Dia. shank, 2 long				

