



Taiwan Diamond Industrial Co., Ltd.

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Diamond Dies

”Quality Is Our Best Product”

Our 35 years Experience Can Provide Solutions
To Solve your Various Applications

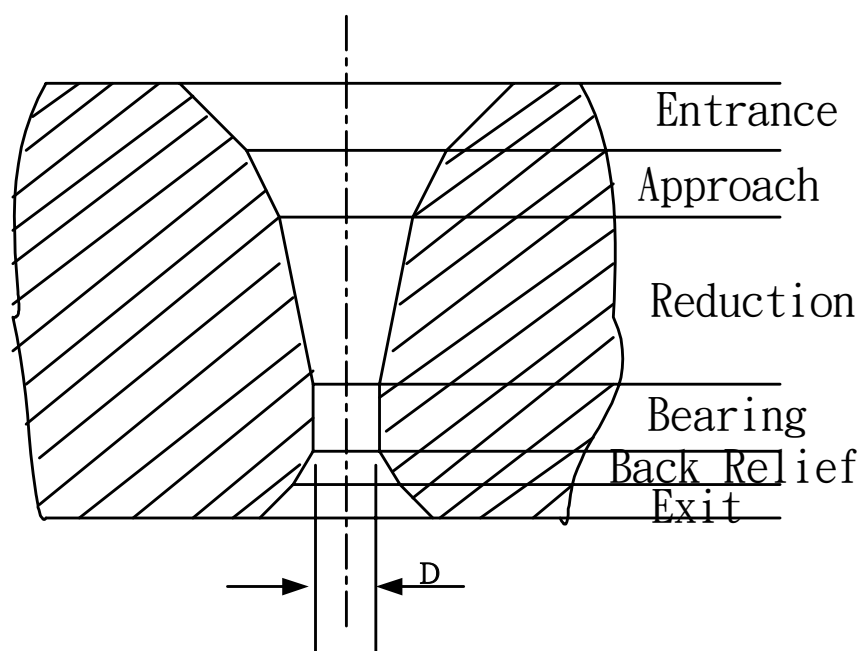
- Natural Diamond Dies
(Size: ϕ 0.013mm ~ ϕ 2.500mm)
- Polycrystalline Diamond Dies
(Size: ϕ 0.050mm ~ ϕ 20.000mm)
- Single Crystal Synthetic Diamond Dies
(Size: ϕ 0.013mm ~ ϕ 0.599mm)
- Shaving Dies
- Multi Wire Elongation Set of Dies
- Guiding Dies for Wire EDM
- Nipple Dies for Vinyl-Coated Wire



MAJOR PRODUCTS










Dies Profile



Diamond Guides for Wire E.D.M

Figure	Code/No.	Sizes (mm)	EDM manufacturers & Specifications	
	M103	0.105 (Ceramic)	(MITSUBISHI) H,H ^W H1,HA (Upper & Lower)	
		0.155 (Ceramic)		
0.205 (Ceramic)				
0.255 (Ceramic)				
0.310 (Ceramic)	Original P/NO.	X052B054G		
	M111	(Dies Holder)	(MITSUBISHI) C.F.F1.G.H.H1.HA.HS	
		Original P/NO.	X184D226H01	
	M132	0.105 (Ceramic)	(MITSUBISHI) S SX,CX,SZ,A,FX,AF-2.3 (Upper)	
		0.155 (Ceramic)		
0.205 (Ceramic)				
0.255 (Ceramic)				
0.310 (Ceramic)	Original P/NO.	X053c834G		
	M133	0.105 (Ceramic)	(MITSUBISHI) S SX,CX,SZ,A,FX,AF-2.3 (Lower)	
		0.155 (Ceramic)		
0.205 (Ceramic)				
0.255 (Ceramic)				
0.310 (Ceramic)	Original P/NO.	X052B243G		
	M117	0.105 (Ceramic)	(MITSUBISHI) H1,HA,SA,SB,SZ,AF (Lower)	
		0.155 (Ceramic)		
0.205 (Ceramic)				
0.255 (Ceramic)				
0.310 (Ceramic)	Original P/NO.	X052B176G		
	CH101	0.105 (Ceramic)	(CHMER) SW320F/S,CW430F/S CW530F/S,CW640F CW740F,CW850F	
		0.155 (Ceramic)		
0.210 (Ceramic)				
0.260 (Ceramic)				
0.310 (Ceramic)	Original P/NO.			

Figures	Code/No.	Sizes (mm)	EDM manufacturers & Specifications
	M107	0.105 (Ceramic) 0.155 (Ceramic) 0.205 (Ceramic) 0.255 (Ceramic) 0.310 (Ceramic)	(MITSUBISHI) HA.SB.SZ.AF-1 (Upper) Original P/No. X052B123G53.54.56
	M108	\varnothing 0.4	(MITSUBISHI) Set Screw F. G Original P/No. X054D162G54
	M113	\varnothing 0.4	(MITSUBISHI) Set Screw H1. A. B. Z (AF Lower) Original P/No. X053C628G51
	S111	0.110 (Ceramic) 0.160 (Ceramic) 0.210 (Ceramic) 0.260 (Ceramic)	(SEIBU) F.K.K2 (Upper & Lower) Original P/No. 4451771
	S103	0.160 (Ceramic) 0.210 (Ceramic) 0.260 (Ceramic) 0.310 (Ceramic)	(SODICK) A300.500.AW300.450 EPOC AP.BF (Upper & Lower) Original P/No. 3081000
	F112	0.160 (Ceramic) 0.210 (Ceramic) 0.260 (Ceramic) 0.310 (Ceramic)	(FANUC) α -1A,1B,1C (Upper) Original P/No. A290-8092-X702~X708
	F113	0.160 (Ceramic) 0.210 (Ceramic) 0.260 (Ceramic) 0.310 (Ceramic)	(FANUC) α -1A,1B,1C (Lower) Original P/No. A290-8092-X712~X718

Guiding Dies for Wire EDM



Coloring Dies for Optical Fibers



Nipple Dies



Uniqueness of Our Products

We can produce dies using natural diamonds and single crystal synthetic diamond for very fine wire drawing ◦ The minimum hole diameter can be as small as 0.0130 mm and it's tolerance and roundness can be as small as $0.3 \mu\text{m}$ ◦

We use very high-quality diamond which are selected based on a very tight standard ◦ To assure the quality we use many different instrument to inspect the diamonds to make sure no crack , no impurity , no internal stress ◦

Our Beliefs :

1. Quality :

High Precision and Reliability ◦

2. Delivery :

Fast and Satisfy Customer's Needs ◦

3. Price :

Reasonable and Competitive ◦

4. Service :

Cordial and Responsible ◦