



DI-PRO DIAMOND COMPOUND is an abrasive specially formulated for ripping, polishing and sizing wire drawing dies. A 100% virgin diamond compound, DI-PRO is designed for precision repolishing and sizing of both diamond and tungsten carbide dies. Available in water-soluble, oil-based or grease-based carriers.

DI-PRO-D has been exclusively developed to be used with diamond dies.

DI-PRO-C has been specially formulated to be used with tungsten carbide dies.

Both DI-PRO-D and DI-PRO-C are available in five-gram jars or syringes in the micron size ranges given below.

DRY DIAMOND POWDER (without added carrier) is also available in the micron size ranges given below and is sold by the carat.

GRADE NUMBER	COLOR	MICRON SIZE RANGE
1/10	Gray	0-2/10
1/8	Gray	0-1/4
1/4	Lt. Green	0-1/2
1/2	Pink	0-1
1	Pink	0-2
1 1/4	Pink	1/2-3
3 1/2	Yellow	2-4
4 1/2	Yellow	3-6
6	Orange	4-8
7 1/2	White	5-10
9	Dk. Green	6-12
11 1/2	Dk. Green	8-15
15	Blue	12-22
30	Red	20-40
45	Brown	30-60

Special sizes available upon request.

DI-PRO DIAMOND COMPOUND SELECTION CHART

MATERIAL TYPE	JOB PROCEDURE	MICRON SIZE RANGE	CARRIER TYPE	CLEANING METHOD
Polycrystalline Diamond	Ripping	4-8, 6-12, 12-22, 20-40, 30-60	#30 Water-Based	Water
	Polishing	0-1/4, 0-1/2, 0-2, 2-4, 4-8, 6-12	#22 Oil-Based	Naptha
Single Crystal Diamond	Sizing	0-1/4, 0-1/2, 0-2, 2-4	#22 Oil-Based	Naptha
	Ripping	12-22, 20-40, 30-60	#30 Water-Based	Water
	Polishing	2-4, 3-6, 4-8, 5-10, 6-12	#15 Grease-Based	Naptha
Tungsten Carbide	Sizing	2-4, 3-6, 4-8, 5-10, 6-12	#15 Grease-Based	Naptha
	Ripping	6-12, 12-22	#22 Oil-Based	Naptha
	Polishing	2-4, 4-8, 6-12, 12-22	#22 Oil-Based	Naptha
	Sizing	0-1/4, 0-2, 2-4, 4-8, 6-12	#30 Water-Based	Water
			#22 Oil-Based	Naptha

DI-PRO POWDER SELECTION CHART FOR ULTRASONIC POLISHING MACHINES

MATERIAL TYPE	JOB PROCEDURE	MICRON SIZE RANGE	CLEANING METHOD
Fine Grain	Shaping	8-15	Water
Polycrystalline Diamond	Roughing	1/2-3	Water
	Polishing	0-2/10	Water
Coarse Grain	Shaping	12-22	Water
Polycrystalline Diamond	Roughing	3-6	Water
	Polishing	0-1	Water

HOW TO ORDER DI-PRO

When ordering DI-PRO, please specify the following information:

1. DI-PRO-D or DI-PRO-C
2. Micron Size Range
3. Carrier Type
4. Diamond Compound or Dry Diamond Powder
5. Number of Jars or Number of Carats (if Dry Powder)