



PARAS DIMOND CO.
INDUSTRIAL DIAMOND TOOLS DIVISION



Catalogue No.1

EZ DIAMOND DRESSING TOOLS
(SINGLE POINT DIAMOND DRESSERS)

EZ DIAMOND DRESSING TOOLS

Complete High Precision Economical Diamond Tooling Solutions for Abrasive grinding Wheels

EZ DIAMOND DRESSERS - Introduction

EZ DIAMOND DRESSING TOOLS have a high reputation throughout the world for quality and economics in modern grinding and dressing technology.

The exclusive array of EZ DIAMOND DRESSERS includes Single point Diamond Dressers, Cluster type Multi Point Diamond Dressers, Grit Impregnated Multi Point Diamond Dressers, Blade type Diamond Dressers, CVD - MCD Dressing Blades, Roller Dressers, Chisel Type Profile Dressers & Matrix Chisel Type Profile Dressers for all kind of Dressing / Truing / Grinding / Sharpening / Profiling / Forming Applications and also to meet special requirements.

We are constantly improving our Products with the Industry, to keep pace with the higher Quality requirements for Grinding & Dressing applications of the Industries. This catalogue gives an update of our range of stationary diamond dressing tools & Guidelines to improve performance & Tool life of the Tool.

If you have any technical questions on the use of diamond dressers, we are happy to provide advice and demonstrations of our tools at your premises. We assure that we will provide you best solutions & services at all the time you require! We can also help you in the optimization of existing applications. Contact us for all matters concerning diamond dressing tools

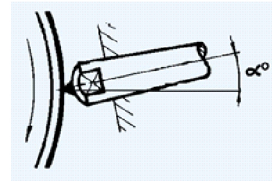
EZ DIAMOND DRESSERS are Reliable and Economical. "EZ DIAMOND DRESSERS" comes with the assurity for being Dependable.

Single Point Diamond Dressers



SINGLE POINT DIAMOND DRESSERS

EZ SINGLE POINT DIAMOND DRESSERS are made with Bruted diamonds Natural Diamonds & Lapped cone Diamonds, preferably an octahedron. The hard material is gripped in a mount that is suitable for the machine tool holder. Diamonds of many different grades and dimensions are used depending on the customer's requests and application.



EZ Single Point Diamond Dresser offers assurance to Dress Universally. We recommend to choose the single diamonds large enough, because single diamonds when subjected to the task, wear rapidly when dressing small, medium and large grinding wheel diameters and widths. Single point diamond dressing tools are suitable for flat dressing of grinding wheels as well as for dressing profiles.

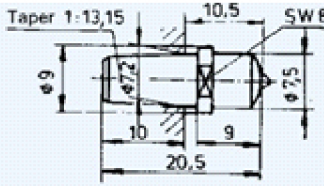
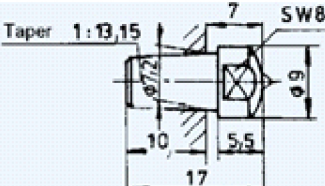
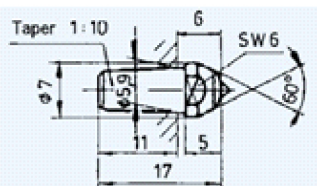
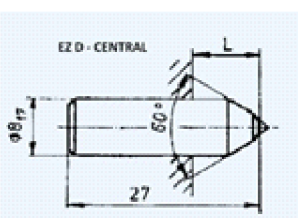
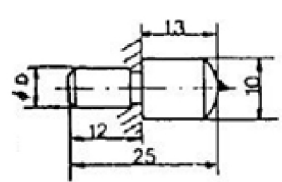
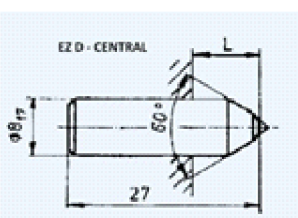
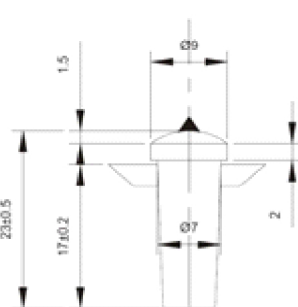
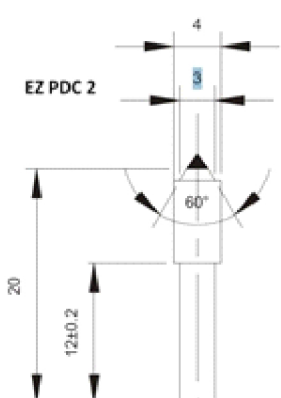
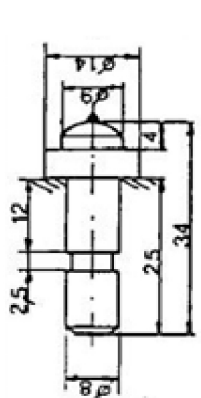
Bruted Diamonds: We offer Single point Diamond Dressers with Grades Namely "A", "AA" & "AAA" based on Customers Request, Grinding finish required & Dressing Parameters. Availability: 0.25 cts to 7.00 cts

Natural Point Diamonds: The Diamonds points formed naturally & found as it is in the mines, it has very high form retention properties. We offer EZ Natural Point Diamond Dressers with Grades Namely "A", "AA" & "AAA". Availability: 0.05 cts to 3.00 cts

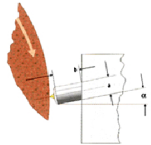
Note: Single-point Diamond Dressers are available with other CRT Weights & Special mounts with Dimensioned sketch available on request

EZ SINGLE DIAMOND DRESSER HOLDERS TO DIN STANDARDS And to PARAS DIAMOND Co. STANDARDS

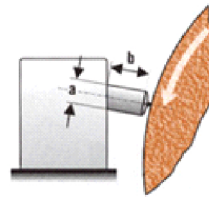
<p>EZ STANDARD DIAMOND DRESSER</p> <p>EZ Single point diamond Dresser XXXX cts</p> <p>L X D & CRT Weight to be Specified</p>	<p>EZ MK-0A</p>	<p>EZ MK-0B</p> <p>SW14</p>
<p>EZ MK-0 C</p> <p>SW B</p>	<p>EZ MK-1A</p> <p>SW11</p>	<p>EZ MK-1B</p> <p>SW14</p>
<p>Jung JgN 1751 taper 1:20</p>	<p>Jung JgN 1751 taper 1:20</p>	<p>Jung C 8 taper 1:20</p>

 <p>Jung C 8 taper 1:13,15</p>	 <p>Jung NT 65 taper 1:13,15</p>	 <p>Jung FA 42-12 taper 1:10</p>
 <p>Kolb KZ 1 + 2 taper 1:50</p>	 <p>EZ LANDIS</p>	 <p>EZ D - CENTRAL</p>
 <p>EZ PDC 1</p>	 <p>EZ PDC 2</p>	 <p>EZ NOMOKO</p>

1. Dress the abrasive wheel at full working surface speed.

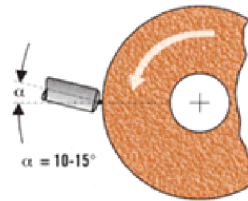


2. To avoid vibrations, the clamping length of diamond tools should be chased as short as possible.



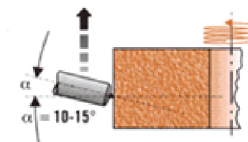
Clamping length as short as possible
Length $b = \text{max. of } 2 \times a$

3. To increase the wheel's surface roughness, increase the cross feed velocity v_d rather than increasing the depth of dressing infeed



Use drag angle of 10 to 15°
To avoid dulling of diamond, turn shaft by 90° from time to time

4. An ample supply of coolant should be directed contact at the diamond point before dressing begins, as the diamonds are highly heat Sensitive



Set diamond at drag angle up to 15° relative to cross axis

5. The diamond holder must be set at an angle of 5 -15 to the direction of rotation of the wheel so that it appears to be "trailing" & Turn Shaft by 90° from time to time.

6. Considerable care should be taken in mounting the diamond dresser in position. Diamonds are sensitive to shock and impact

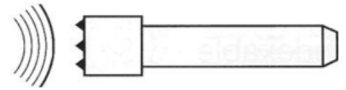
Note: Fully Customization options are available for Diamond CRT weight, Diamond Quality & Shanks as per your requirement & Applications.

EZ Cluster Type Multi Point Diamond Dressers



EZ CLUSTER TYPE MULTI POINT DIAMOND DRESSERS

EZ Cluster Type Multi Point Diamond Dressers are an economical substitute for large carat weight single point diamond dressers. Also, smaller diamonds are less expensive per carat than large Diamonds. Single or Multiple layers of clusters containing multiple diamonds set in patterns of 3,5,7,9,13,15,17 or 21 Small Several Grades of Diamonds according to request or Application. The contact between diamond



point and wheel face reduces the unit pressure on each point resulting in a longer tool life with full utilization. EZ Cluster Type Multi Point Diamond Dresser gives rapid-dressing without scoring and produce consistent even surface on the grinding wheel. EZ Cluster Type Multi Point Diamond Dressers are ideal for dressing of larger, coarser - harder wheels and difficult conditions such as forced production and inexperienced operators.

EZ Cluster Type Multi Point Diamond Dressers produced into cylindrical or blade form to suit the wheel dimensions and grinding application. We can provide these tools in a variety of Standard & DIN shank types or holders, supplied with straight or variable presentation

Parameters

For Best Results - 0.001 mm
Surface Speed - MAX

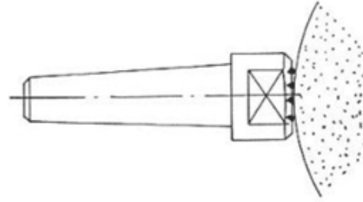
Parameters

- 1 Rapidly Dresses the Grinding Wheel
- 2 Highly Cost Effective
- 3 Longer service life
- 4 Higher Output
- 5.Maintenance Free
- 6.Available with variety of Shanks

Type	Qty. of Diamonds	CRT Weight	Diamond Layer
EZ CD-3	3	xxx	Single
EZ CD-3A	6	xxx	Double
EZ CD-3B	9	xxx	Triple
EZ CD-5	5	xxx	Single
EZ CD-5A	10	xxx	Double
EZ CD-5B	15	xxx	Triple
EZ CD-7	7	xxx	Single
EZ CD-7A	14	xxx	Double
EZ CD-7B	21	xxx	Triple
EZ CD-9	9	xxx	Single
EZ CD-9A	18	xxx	Double
EZ CD-9B	27	xxx	Triple
EZ CD-12	12	xxx	Single
EZ CD-12A	24	xxx	Double
EZ CD-12B	36	xxx	Triple

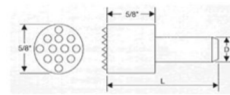
Guidelines - EZ Cluster type Multi Point Diamond Dressing Tool

1. Set the Multipoint tool into the center of the grinding wheel at 90° Degree of Angle.
2. Depth of cut should not exceed more than 0.01 mm
3. Plenty amount of powerful coolant is must for Greater tool life
4. The mounting must be vibration free, with the clamping length as short as possible



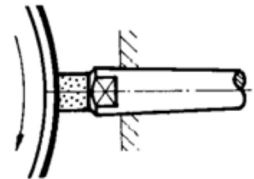
Note:

1. Please specify Carat Weight & Quality of Diamond required
2. Our Standard Shank is 6" x 5/8", if required in other sizes, specify L x D. Morse Shanks are also available.



Grit Impregnated Multi Point Diamond Dressers

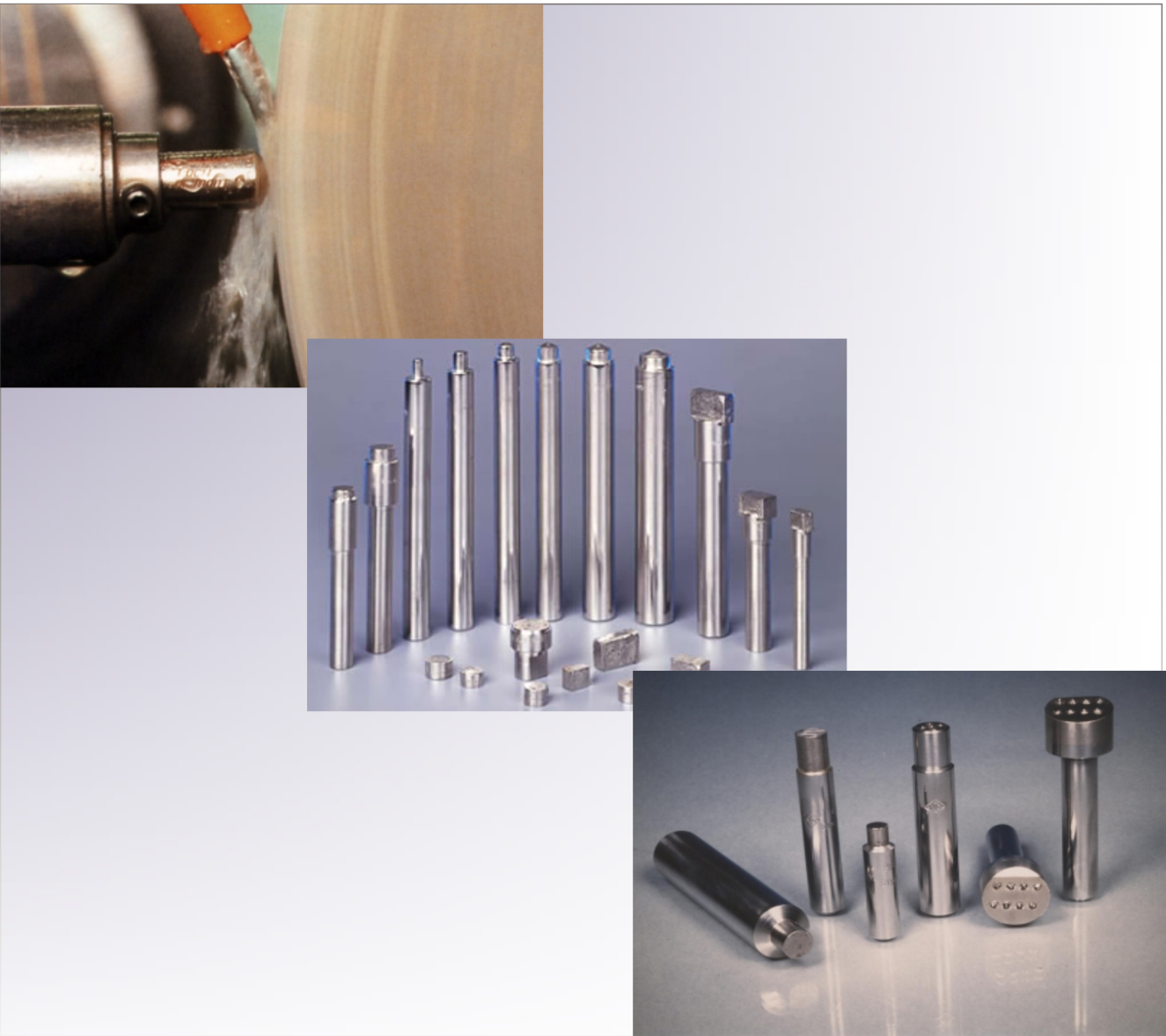
EZ Grit Impregnated Multi Point Diamond Dressers have been developed from multi-point dressers. In contrast to the later they are manufactured from crushed diamond grit rather than a larger number of small natural diamonds. It contains large number of natural diamond particles. Diamond Grits are uniformly distributed in Matrix of Hard Materials in random pattern. The main advantage of the **EZ Grit Impregnated Multi Point Diamond Dresser** is exceptional sharpness to the Grinding Wheel, which results from sharp edges and points of the broken Diamond Grit. **EZ Grit Impregnated Multi Point Diamond Dressers** are recommended for use on applications preferably where Single Point Diamond Dressers are exposed to operational risks and also where frequent heavy stock removal is needed.



Diamond grit impregnated dressers demand greater care in selecting the correct dresser for a given application. The bond and diamond grit size used are both variable according to the type of grinding wheels to be dressed. The size of the diamond grit particles should be matched to the grit size of the grinding wheel. Kindly provide details about the grinding wheel, application and grain size of the wheel at the time of ordering

EZ Grit Impregnated Multi Point Diamond Dressers

EZ Grit Impregnated Multi Point Diamond Dressers


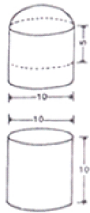




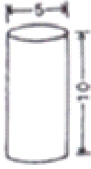
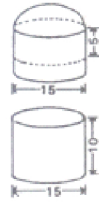

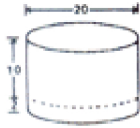


Applications	Parameters	Advantages
1. Cylindrical Wheels 2. Center less Wheels 3. Crank Grinding Wheels 4. Roll Grinding Wheels 5. OD Dressing of Thread & Gears 6. Surface Grinding Wheels	Depth of cut following by Finishing - 0.001 mm Rough -0.02 mm Surface Speed - MAX	1. Long life with reduced Dressing Cost 2. Robust, Can be used completely 3. Fast Dressing, Higher feed Rates 4. Less Grain Pull out Due to Dressing More Part per Dressing / truing 5. These tools are inexpensive and easy to use.


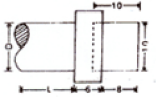

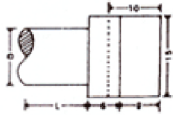

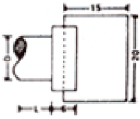

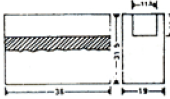
EZ GRIT IMPREGNATED MULTI POINT DIAMOND DRESSERS- DIAMOND GRAIN SIZE SELECTOR

Diamond Grain Size	Grinding Wheel Grain Size
D 1181	36 to 54
D 711	54 to 60
D 356	60 to 100
D 251	100 to 120
D 181	120 to 180
D 107	180 to 320
D 76	320 to 600



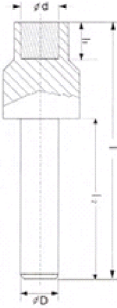
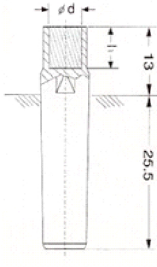
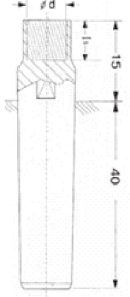
EZ GRIT IMPREGNATED DIAMOND DRESSER- DIAMOND SECTIONS

Type	DIAMOND SECTION	TYPE	DIAMOND SECTION
DG 3		DG 10 DG 10P	

DG 4		DG 12 DG 12 P	
DG 5		DG 15 DG 15 P	
DG 6		DG 20	
		DG 25	

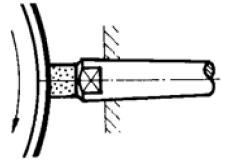
TYPE	DIAMOND SECTION	SHAKE DETAIL
DG - BL - 1 10 x 10 x 6		
DG - BL - 2 15 x 10 x 7		
DG - BL - 3 20 x 15 x 7		
DG - BL - 4 11 x 38 x 8		

EZ GRIT IMPREGNATED DIAMOND HOLDERS DIN STANDARDS And to PARAS DIAMOND Co. STANDARDS

 <p>EZ GI MPDD 1</p>	 <p>EZ GI MPDD 2</p>	 <p>EZ GI MPDD 3</p>	 <p>EZ GI MPDD MK-0A</p>	 <p>EZ GI MPDD MK-1A</p>
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Guidelines - EZ Grit Impregnated Multi Point Diamond Dressing Tool

1. The Angle of EZ Grit impregnated Multi Point Diamond cutting face of the dresser should be set at : 90° to the grinding wheel to be dressed
2. Cooling improves the dressing results considerably and is mandatory for exacting dressing requirements. A strong and continuous flow of cooling medium must be fed to the contact zone prior to the beginning of the dressing process
3. The mounting must be vibration free, with the clamping length as short as possible
4. Depth of cut should not exceed more than 0.02-0.04 mm



Note:

1. Fully Customization options are available for Diamond section, Diamond Grit size, Bonds & Shanks as per your Applications or Request.
2. Please specify Diamond Grit size, Bond & Application of the Tool at the time of Ordering.

EZ Blade Type Multi Point Diamond Dressers



EZ Blade Type Diamond Dressers

EZ Blade type Diamond dressers are basically conceived from the multi - point wheel dressing concept. EZ Blade type Diamond Dresser can meet all three requirements; (1) Uniform dressing over the full length of wheel. (2) Proper abrasive glaze-free surface on the wheel. (3) Wheel edges free of broken edges of Heavy-duty Center less, Cylindrical & Surface Grinders with High Quality Precision “Step” Dressing & Productivity. EZ Blade type Diamond Dressers are conceived to combine quality with economy.

EZ Blade Type Diamond Dressers can be manufactured with Needle Diamonds [NBD], Natural Needle Diamonds [NNBD] & Natural Diamond Grit [GBD] as per Applications or request

Needle Diamonds [NBD] & Natural Needle Diamonds [NNBD]

Needle shaped diamonds are carefully selected and set manually in an appropriate pattern in Single or several layers. Hand set small diamonds share the load between diamond and wheel face reduces the unit pressure on each point resulting in a longer tool life. Use for larger and longer dressing.

Natural Needle Diamonds [NNBD] – Needle Diamond points are formed Naturally, It has Higher form retention capability & Ensures Pro long Life of the Tool.

Natural Diamond Grit [GBD]

The natural diamond grit is distributed equally on the dressing plate. It creates very good grinding wheel surface. It can be used for straight, round and center less grinding. In this Blade Type Diamond Dressers, Grit type blocky Shaped diamonds are distributed equally set according in proper scheme on the Dressing Plate. It's a manual Process of setting the diamonds to ensure high precision Dressing Application & Optimum Tool life.

Note:

EZ Blade Type Diamond Dressers are recommended for; 1. “STRAIGHT” and “STEP” action of Dressing and 2. Long run work with good reproducibility of the grinding surfac

Advantages

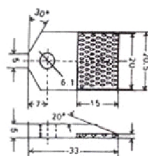
1. Minimum in-process service attention compared to any other Dressers
2. Greater flexibility in selection from a wide range of varieties of Dressers suit different grinding wheel specifications and grinding conditions.
3. Proper fracture of individual grains to expose maximum abrasive area for grinding.
4. Longer Grinding Wheel life by Minimum grain pullout.

F Type

FA

EZ BLADE TYPE DIAMOND DRESSER DIMENSION

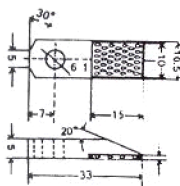
FA-090
FA-110
FA-140
FA-GRIT



Dimensions of The
Diamond Plate
20 x 15 x X
0.90 mm

FB

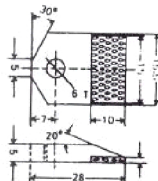
FB-075
FB-090
FB- 110
FB-140
FB GRIT



10 x 15 x X
DIMENSIONS OF THE
DIAMOND PLATE
0.75 mm
0.90 mm
1.10 mm

FC

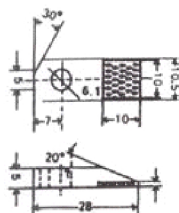
FC-090
FC-110
FC-140
FC-GRIT



15 x 10 x X
DIMENSIONS OF THE
DIAMOND PLATE
0.90 mm
1.10 mm
1.40 mm

FD

FD-075
FD-090
FD-110
FD-140
FD GRIT



10 x 10 x X
DIMENSIONS OF
THE DIAMOND
PLATE

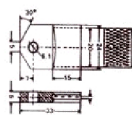
0.75 mm
0.90 mm
1.10 mm
1.40 mm
18 to 20 GRIT

S Type

SA

EZ BLADE TYPE DIAMOND DRESSER DIMENSIONS

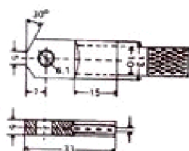
SA-090
SA-110
SA-140
SA-GRIT



20 x 15 x X DIMENSIONS OF
THE DIAMOND PLATE
0.90 mm
1.10 mm
1.40 mm

SB

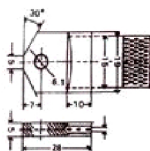
SB-075
SB-090
SB-110
SB-140
SB GRIT



10 x 15 x X
DIMENSIONS OF THE
DIAMOND PLATE
0.75 mm ,0.90 mm
1.10 mm ,1.40 mm
18 to 20 GRIT

SC

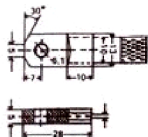
SC-090
SC-110
SC-140
SC-GRIT



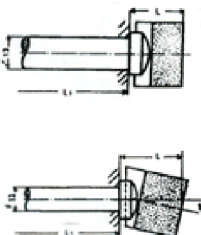
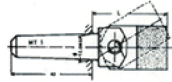
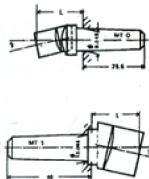
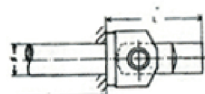
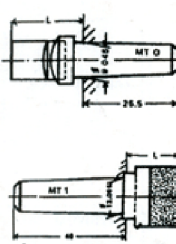
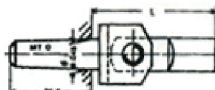
5 x 10 x X
DIMENSIONS OF THE
DIAMOND PLATE
0.75 mm ,0.90 mm
1.10 mm ,1.40 mm
18 to 20 GRIT

SD

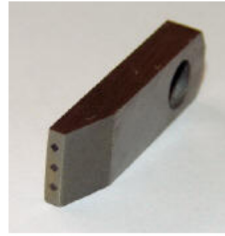
SD-075
SD-090
SD-110
SD-140
SD GRIT



10 x 10 x X
DIMENSIONS OF
THE DIAMOND
PLATE
0.75 mm
0.90 mm
1.10 mm
1.40 mm
18 to 20 GRIT

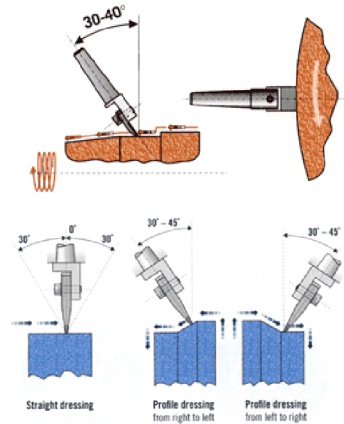
Brazed Type				LN TYPE			
Cylind-erica shank with blade	L approx	Cylind-erical shank with blade	L approx		Shank MT1 with blade	L approx	
FA CA	22	FA SA	22		FA SA	37	
FB SB	22	FB SB	22		FB SB	37	
FC SC	17	FC SC	17		FC SC	32	
FD SD	17	FD SD	17		FD SD	32	
angle α L1 and Shank-diameter according to stated requirements							
Shank MT1 with blade	L approx	Shank Mt0 with blade	L approx		Cylindrical shank with blade	L approx	
FB SB	23	FA SA	25		FA SA	37	
FB SB	23	FB SB	25		FB SB	37	
FC SC	18	FC SC	20		FC SC	32	
FD SD	18	FD SD	20		FD SD	32	
angle α according to stated requirements					L1 and Shank-diameter according to stated requirements		
Shank Mt1 with blade	L approx	Shank MTO with blade	L approx		Shank MTO with blade	L approx	
FA SA	23	FA SA	25		FA SA	39.5	
FB SB	23	FB SB	25		FB SB	39.5	
FC SC	18	FC SC	20		FC SC	34.5	
FD SD	18	FD SD	20		FD SD	34.5	
					L1 and Shank-diameter according to stated requirements		

CVD- MCD Dressing Blades



Guidelines - EZ BLADE TYPE DIAMOND DRESSING TOOL

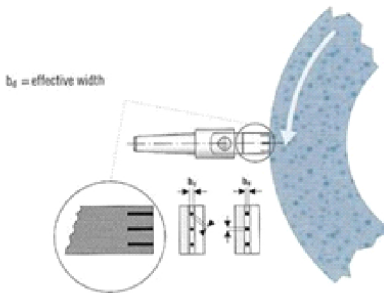
1. Wheel surface speed- Dress at full working surface speed.
2. Always use blade tool in such a fashion that the diamond-free section on the back of the blade touches the grinding wheel first. This will ensure a free-cutting dressing operation. Use uninterrupted - constant flow of strong Coolant while dressing as diamonds are very heat sensitive.
3. In order to increase the wheel's surface roughness, increase the cross feed velocity rather than increasing the depth of dressing in feed.



CVD - MCD Dressing Blades

EZ CVD & MCD BLADES Manufactured with CVD or MCD Type Synthetic Needles. Except this EZ CVD-MCD BLADES are similar to EZ Blade type Diamond Dressers. These CVD & MCD inserts are arranged in a very systematic pattern in parallel or at 45° into the blade dressing blank. The main advantage of CVD & MCD Needles is Thermal Conductivity. The thermal conductivity of CVD & MCD is most superior to that of Natural diamond. It helps greatly to consistency of Performance by drawing away heat from the contact zone between CVD or MCD dressing tool and grinding wheel. EZ CVD-MCD BLADES are manufactured using high graded metal and metal alloys that assure our clients with durability. EZ CVD & MCD Dressing Blades are manufactured in various Grades, Dimensions and Single or Multiple Layers.

Determining MCD Cross-Section and No. of MCD Inserts



Cross Section	For Abrasive Grit Size
MCD 0.6x 0.6mm (0.024")	120 and Finer
MCD 0.8 x 0.8mm (0.031")	80 and coarser

No. of MCD inserts wheel diameter	
Up to 100mm (4")	2 MCDs
Up to 500mm (20")	3 MCDs
Up to 750mm (30")	4 MCDs

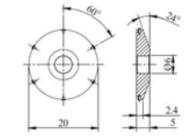
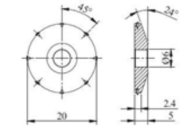
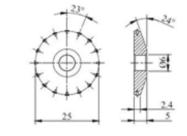
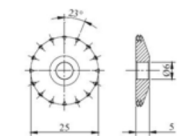
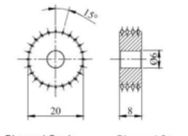
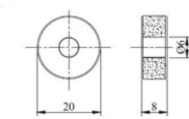
Disc Type Multi Point Dresser



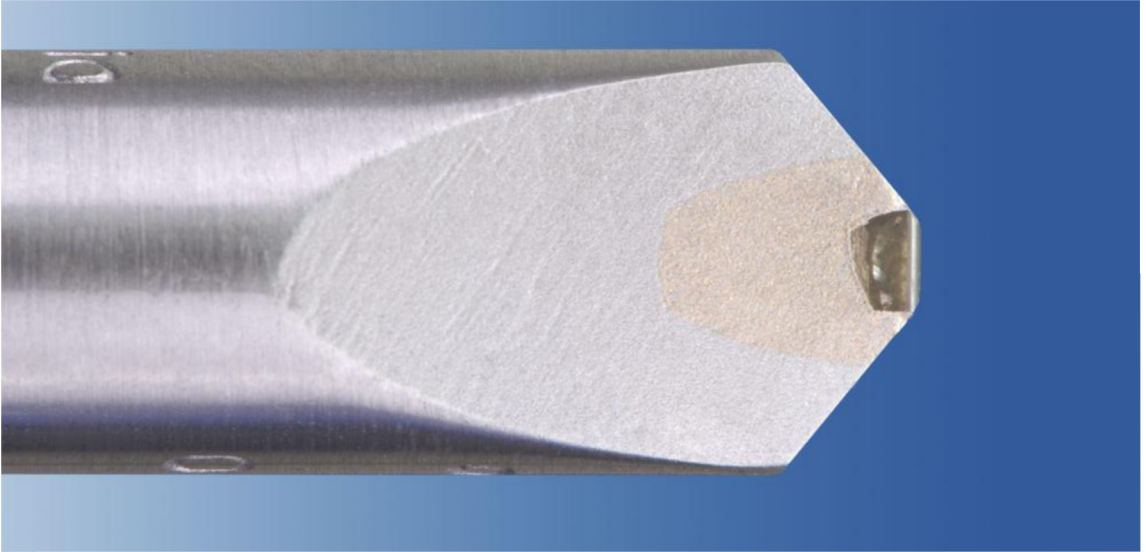
EZ MULTI POINT DISC DRESSERS

EZ MULTIPOINT DISC DRESSERS are normally used on smaller grinding wheels for internal grinding machines. The diamonds are set evenly in rows across the periphery of the disc. First class Needle shaped Diamonds, Natural diamonds & Natural Blocky shaped Grit Diamonds are used, set in a special sintered bond. After one row of diamonds become flat / worn, by turning the roller further new tips are used for dressing, thus ensuring clean equal dressing. These roller dressers are sufficient to cover the whole range of wheel dressing operation.

Multipoint disc dressers are perfectly simple to use. Its operation is basically the same as that of a single point diamond dresser except that, after each row of diamonds has been used, new points can be put into operation simply by rotating the disc slightly.

EZ Multi Point Disc Dressers – Type of Discs	
 <p>Diamond Grade Natural Diamond Qty. 6</p>	 <p>Diamond Grade Natural Diamond Qty. 8</p>
EZ RDD NC 6	EZ RDD NC 8
 <p>Diamond Grade Needle Diamond Qty. 16</p>	 <p>Diamond Grade Needle Diamond Qty. 32</p>
EZ RDD ND 16	EZ RDD ND 16
 <p>Diamond Grade Needle Diamond Qty. 64</p>	 <p>Diamond Grade Grit Diamond Qty. 8</p>
EZ RDD ND 64	EZ RDD GRT 1

Chisel Type Single Point Profile Dresser



EZ Profile Dressers

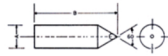
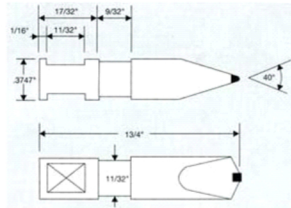
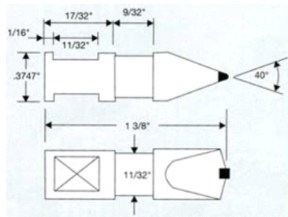
EZ Profile dressers are also known as Shaping Tools, Wheel Forming Tool, Single Point Profile Tool, Copying Tool and Chisel type Diamond Dressers. We manufacture High Precision Profile Dressers, Chisel type Diamond Dressers, Diaform type Diamond Dressers and Forming Dressers for Various Precision Applications like Profiling, Copying & Forming of Grinding Wheels. Where ever EZ Blade dressers can't meet these requirements due to specific grinding wheel geometry, precision profile Dressing tools are the solution.

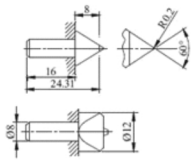
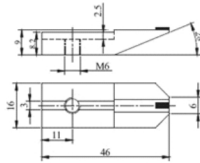
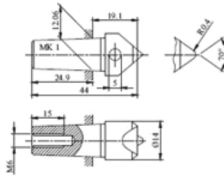
EZ Profile – chisel Type Diamond Dressers are manufactured using special Diamonds in shank dimensions and different angles. Further, these chisel diamond dressers are prepared from 25° - 85° included angle and 0.002 in to 0.040 in nose radius for various applications. While manufacturing shank dimensions, angles, nose radius and carat weight of the diamond are given primary importance.

EZ Chisel type diamond Dressers Can be supplied with various size of tip Radius, Angle and shank sizes to the your specifications & Requirements.

Profiling and copy dressing of grinding wheels make high demands for profile retention capability. So, we suggest always Choose a diamond with the largest included angle and toughest geometric shape allowed by the profile requirements.

These tools are serviceable and we offer Express Service for full Re-lap / Regrind service.

SHAPING TOOLS	RADIUS IN INCHES	DIMENSIONS
TYPE		
EZ PDD 1 Lapped60° LAPPED DRESSING TOOL	-	 <p>Diamonds are ground and lapped to precise angles. Tolerance : Centerset to T.I.R ± .002.Specify Ø A & B</p>
EZ PDD 2 - DIAFORM	-	
EZ PDD 3 - DIAFORM	0.125 0.250 0.500	

EZ PDD MSO 0.2R 60 Deg	MSO	<p>MSO 0.2R 60°</p> 
EZ PDD REISHAUER	REISHAUER 0.500	<p>REISHAUER</p> 
EZ PDD SCHAUDT 0.4R 70 Deg	SCHAUDT 0.500	<p>SCHAUDT 0.4R 70°</p> 

Guidelines - EZ Profile Dressers

1. Always select the larger profile angle.
2. Follow machine manufacturer's instructions & recommendations
3. These diamonds are sensitive to shock and impact, they may be fractured or broken by striking any hard substance.
4. Protect and store the tool properly when not in use



Matrix Chisel Type Single Point Profile Dresser



EZ Matrix Chisel Type Profile Dressers

EZ Matrix Chisel Tools are widely Accepted, Trusted and Used by Industries in India and as well as Reputed Overseas clients. We are going to be leader in production of Precision Matrix Chisel tools. We offer these tools with Consistent Quality, Minimum Tolerance, Timely Delivery at Best Prices.

EZ Matrix type chisel diamond dressers are manufactured by using Carefully Selected Diamonds for applications of High Precision wheel Forming or Profiling. EZ matrix type Profile Diamond tools are used for profiling and re-profiling of wheels with high accuracy on Matrix thread grinding, No well and Reishauer machine. These chisels are available in Flats and Radius form.

Thaw(inch)	Angle	Tool Code
0.001"	37°	EZ PDD MC 1 A37
	42°	EZ PDD MC 1 A42
	52°	EZ PDD MC 1 A52
0.0015"	37°	EZ PDD MC 15 A37
	42°	EZ PDD MC 15 A42
	52°	EZ PDD MC 15 A52
0.002"	37°	EZ PDD MC 2 A37
	42°	EZ PDD MC 2 A42
	52°	EZ PDD MC 2 A52
0.003"	37°	EZ PDD MC 3 A37
	42°	EZ PDD MC 3 A42
	52°	EZ PDD MC 3 A52
0.005"	37°	EZ PDD MC 5 A37
	42°	EZ PDD MC 5 A42
	52°	EZ PDD MC 5 A52
0.007"	37°	EZ PDD MC 7 A37
0.008"	37°	EZ PDD MC 8 A37
0.010	37°	EZ PDD MC 10 A37

Thaw(inch)	Angle	Tool Code
0.001"	37°	EZ PDD MC 1 A37
	42°	EZ PDDMC 1 A42
	52°	EZ PDD MC 1 A52
0.0015"	37°	EZ PDD MC 15 A37
	42°	EZ PDD MC 15 A42
	52°	EZ PDD MC 15 A52
0.002"	37°	EZ PDD MC 2 A37
	42°	EZ PDD MC 2 A42
	52°	EZ PDD MC 2 A52
0.003"	37°	EZ PDD MC 3 A37
	42°	EZ PDD MC 3 A42
	52°	EZ PDD MC 3 A52
0.005"	37°	EZ PDD MC 5 A37
	42°	EZ PDD MC 5 A42
	52°	EZ PDD MC 5 A52
0.007"	37°	EZ PDD MC 7 A37
0.008"	37°	EZ PDD MC 8 A37
0.010	37°	EZ PDD MC 10 A37

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Agricultural
Metal Working

Machine Tool

Glass Industries

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Metallurgical

Tool Rooms

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Jewellery Manufacturing Industries

Diamond Manufacturing Industries

Engineering and machine tools

Auto machine manufacturing and ancillaries

Commercial vehical manufacturing

Two wheeler manufacturing

Auto spare parts processing

MANUFACTURING PROGRAMME PARAS DIAMOND CO. [INDUSTRIAL DIAMOND TOOLS DIVISION]

EZ Dressing Single point diamond dressers
and truing **Cluster Type Multi Point Diamond Dressers**
Grit Impregnated Multi Point Diamond Dressers
Blade type Diamond Dressers
CVD-MCD Dressing Blades
Multi Point Disc Dressers
Chisel Type Profile Dressers
Matrix Chisel Type Profile Dressers

Hardness **Rockwell 120° Diamond Indenters** for Rockwell / Superficial / Portable &
Testing **Dynamic Hardness Testing Machines** to measure Hardness of Hardened Materials

Grinding **Diamond grinding wheels & pins** with Metal, Resinoid, Electroplated & Ceramic Bonds.
CBN grinding wheels & pins with Metal, Resinoid, Electroplated & Ceramic Bonds.
Diamond & CBN grinding wheels for the optical industry,
flat glass, crystal glass, ceramics and semi-conductor machining
Gauges **Diamond Gauge finger** are also know as tracer points, used for measurement of ID & OD without
stopping the machine on automatic - **CNC Grinding Machines**
Diamond Gauging points for ID – OD Measuring Dials

Machining **PCD & pCBN Tools** for Cutting, Boring, Milling, End Milling,
Grooving, Drilling & Turning Applications

Electroplated **Diamond & CBN files** for hand and machine use
Electroplated Cut-off Saw
Diamond & CBN Mounted Points
Diamond & CBN Internal Grinding Pins
Honing **Diamond and CBN honing tools**
Polishing **Diamond & CBN Lapping Compounds**
Diamond and CBN micron powders
Synthetic Micron powders & Grits
Processed & Unprocessed Diamond grit

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