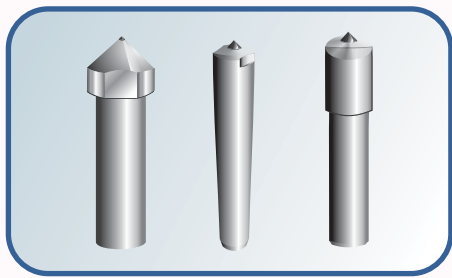


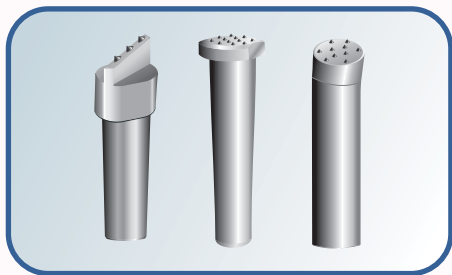
SINGLE POINT DIAMOND DRESSERS :



Single point diamond dressers are made of selected diamonds mounted in a matrix. Only one cutting edge is presented to the grinding wheel. Diamonds for single point dressing tools are selected for their structural strength, number of points, degrees of sharpness, and lack of deter mental flaws. The proper selection of size and quality appropriate for a given application requires qualified judgment. We offer various grades as below of diamonds for single point diamond dressers.

1) Natural point A grade, AA grade, AAA grade 2) Congo Round Bruttetd.

SINGLE LAYER CLUSTER DIAMOND DRESSERS.



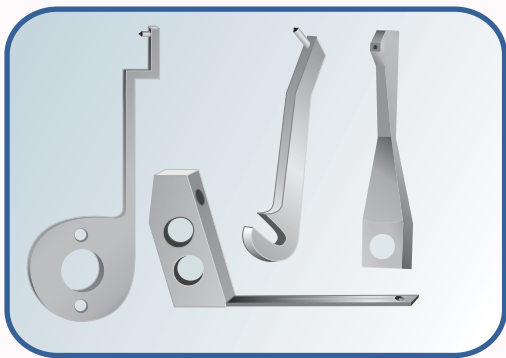
These tools replace large single points. The clusters consist of 3, 5, 7, 12 small diamonds set in a variety of patterns for dressing larger or coarser and harder wheels. Since more than one diamond comes in contact with the wheel, the workload is divided. Also, since smaller diamonds are less expensive per carat than large stones, cluster tools often effect important savings. Cluster type diamond dressers give rapid dressing without scoring and produce a consistent even surface on the grinding wheel. These dressers are resistant to shock and impact.

GRIT IMPREGNATED DIAMOND DRESSERS:



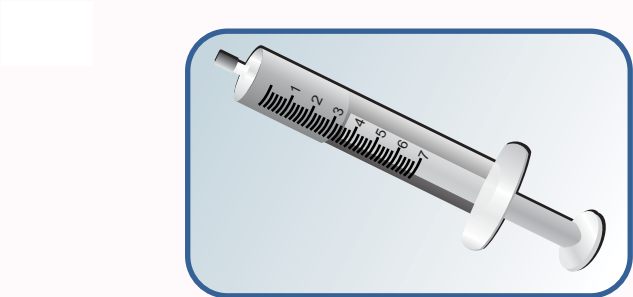
“KMDT” brand grit impregnated dressers have been developed from multi point dressers. In contrast to the latter they are manufactured from crushed diamond grit rather than a larger number of small natural diamonds. The advantages of the diamond impregnated dresser lie in its exceptional sharpness, which results from sharp edges and points of the broken diamond grit. “KMDT” grit impregnated diamond dressers are used mainly for rough grinding of Engine valves and crankshafts and also finish grinding i.e. on profile grinding machines as well as on tool grinders, plain grinding machines and ball grinding plant. The diamond grain, concentration and bond are appropriately inter adjusted. These types of tools are available in Hard and Soft bonds.

MARPOSS GAUGING FINGERS :



Marposs Gauging Fingers are used for measuring in process gauging of internal and external diameters during precise grinding operation of mass-produced components such as Bearings, Crankshaft, Camshafts and Gear Shafts etc. We manufacture these fingers with duly lapped diamond cone, blended at tip with radius, enhancing consistency, repeatability, durability and interchangeability.

DIAMOND LAPPING PASTE:



“KMDT” diamond lapping compounds are manufactured using metal as well as resin bond diamond powders and state of the art carriers for different lapping applications. In applications where strong cutting action is required the blocky metal bond diamonds are used which retain their shape and cutting edges for long periods of time giving efficient cutting action where as for faster cutting irregularly shaped friable resin bond diamonds are preferred. Diamond Paste is available in standard, Medium & high concentration in 5 gms. and 15 gms. Syringe packing only in Oil soluble.

DIAMOND LAPPING COMPOUNDS	
FIELDS OF APPLICATION	
MICRON	CODE NO.
SUPER FINE POLISH	D-1/4
	D-1/2
FINE POLISH	D - 1
	D - 3
MEDIUM POLISH	D - 6
	D - 8
	D - 12
MEDIUM CUTTING	D - 15
	D - 30
	D - 40
ROUGH CUTTING	D - 50
	D - 60
	D - 80

DIAMOND FILES :



Used for virtually any precision filing job. Available as individual files in different shapes such as Flat, Triangle, Knife, Square, Round, Half Round etc. sizes and handy assortments. Total Length: 160 mm, 220 mm, Diamond Coating Length: 90 mm. Standard Grit Sizes : 80/100 (Rough), 120/140 (Medium), 200/240 Fine or as specified.

SYNTHETIC & NATURAL DIAMOND POWDERS:



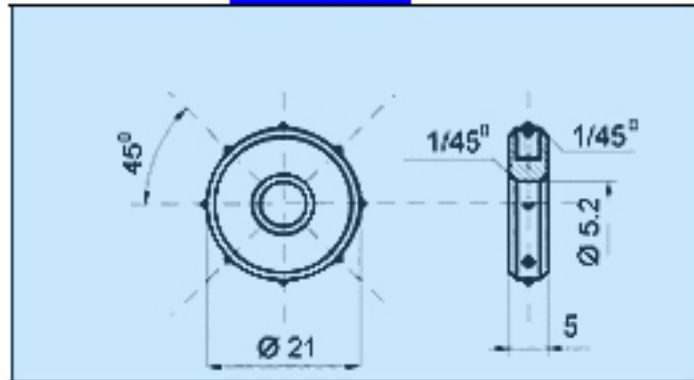
“KMDT” diamond powders are available in synthetic as well natural grades in size ranges from 0-1/4 to 80 for a variety of cutting, grinding, lapping, and polishing applications. Properties essential for optimum cutting action include surface purity, Size distribution and shape the diamonds are passed through a series of processes in order to bring out these properties.

DIAMOND MICRON POWDER		
Bareau of Standards Equivalent	Approximate Mesh Equivalent	Micron Range
1	15,00	0 - 2
2	12,000	1 - 3
3	8,000	2 - 4
6	3,000	4 - 8
7	2,200	5 - 10
10	1,800	8 - 12
15	1,200	10 - 20
30	700	22 - 36
40	530	35 - 45
50	500	40 - 60
60	325 - 400	54 - 80

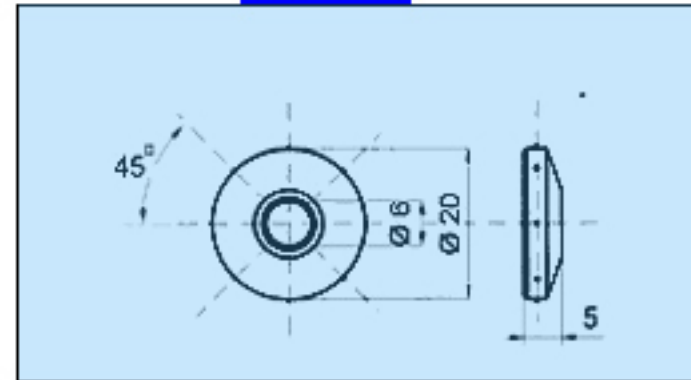


“KMDT” BRAND MULTIPLE ROLLER (DISC) & CROWN TYPE DIAMOND DRESSERS

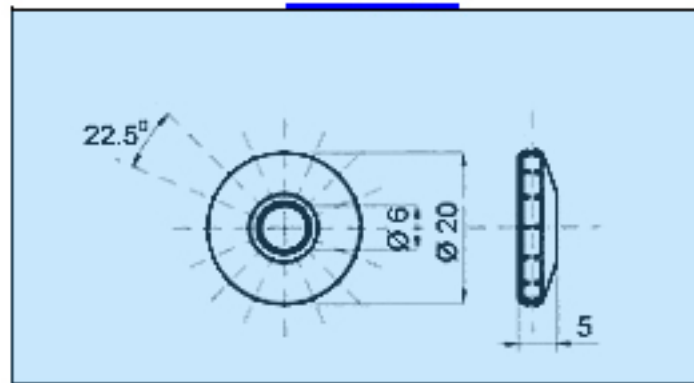
M2600-d



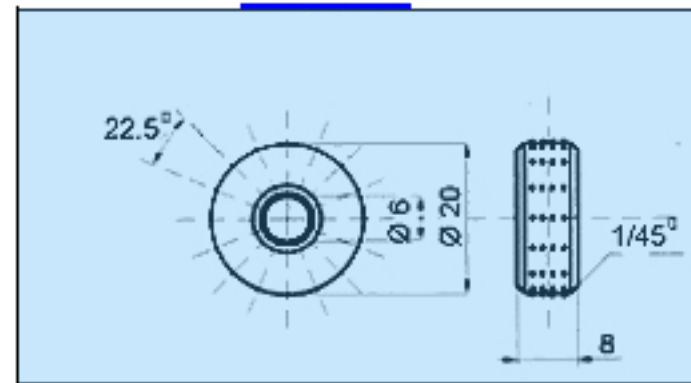
M2606-d



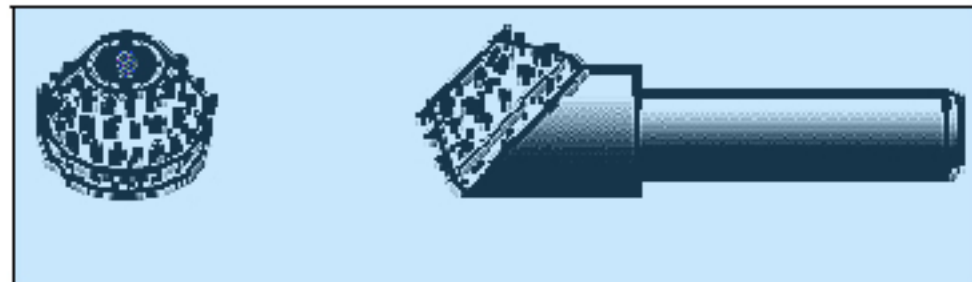
M2608-d



M2609-d



EM-24 & EM-36 TYPE CROWN DIAMOND DRESSERS.

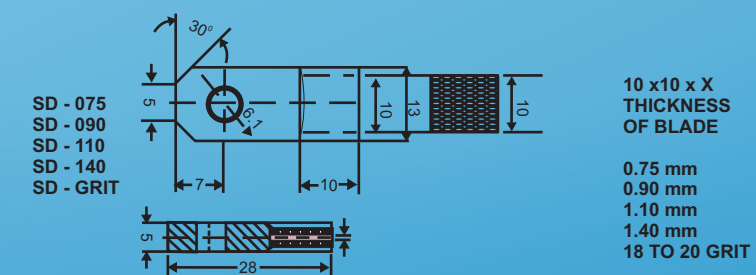
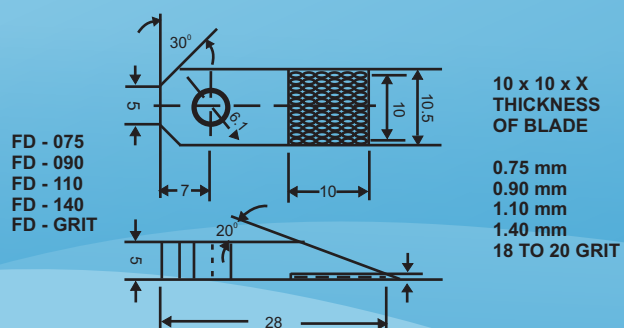
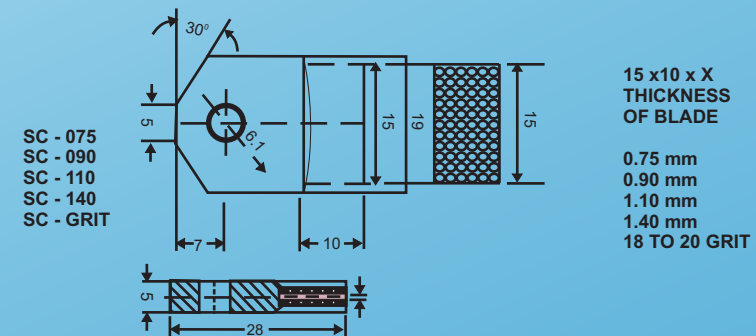
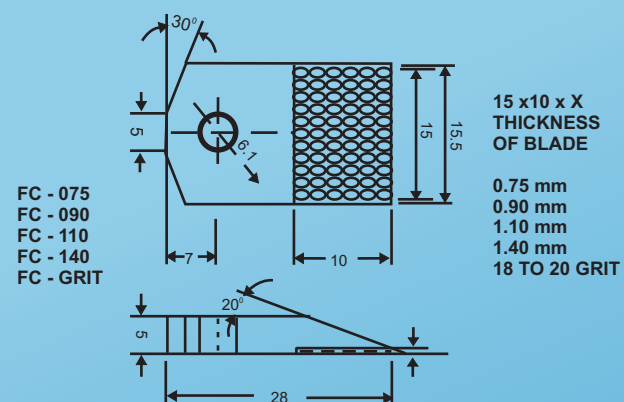
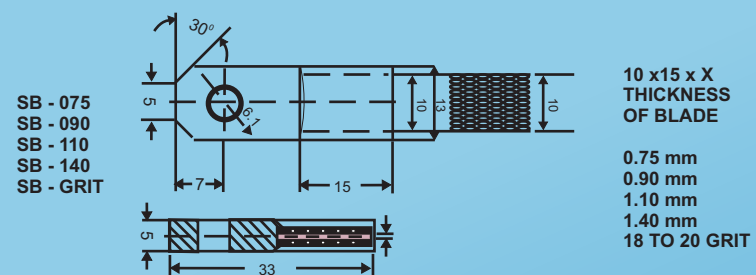
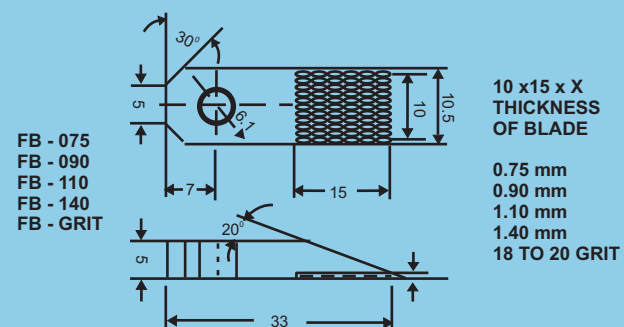
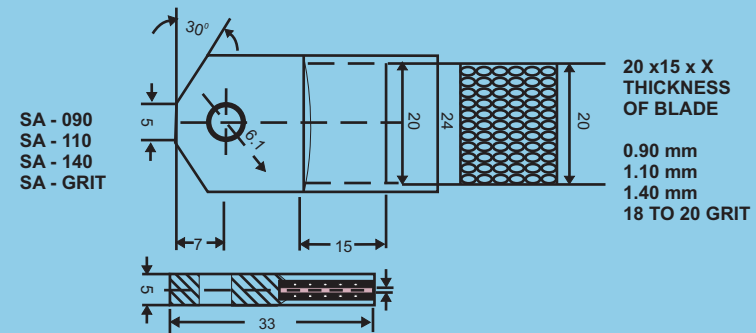
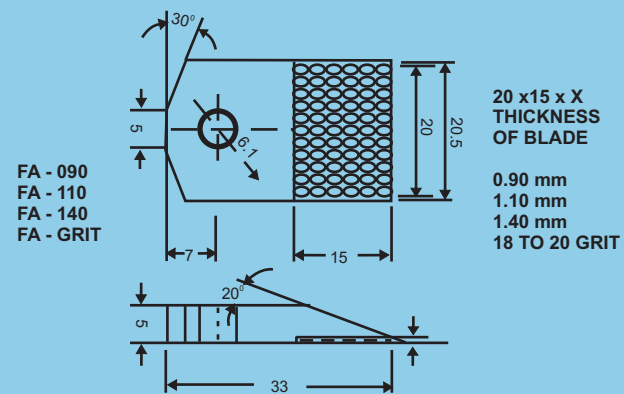


Multiple Roller & Crown: A cost effective roller dressers with the functional behaviour of single point dresser, this tool have a large number of diamonds which can be used one after another by simply rotate the used diamond point and use the next diamond, these types of tools are very useful for dressing of grinding wheels of bigger diameters.

MULTI-LAYERS BLADE TYPE DIAMOND DRESSERS.

On few heavy duty grinders, especially center less grinders, often the demands are high both on quality and productivity with the following essential characteristics of wheel dressing. 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.

At the same time from the economic point of view the dresser becomes expensive when properly designed to meet all the three requirements however a combination dresser has been conceived to combine quality with economy.



K.M.DIAMOND TOOLS



Office :

114 & 120, B/2, New Rajshree Industrial Estate, Near Lawkim, Ghodbunder Road, Manpada, Thane - 400 607.
MAHARASHTRA, INDIA.

Tel : +91-22-2589 9990 / 2589 9991/ Telefax:+91-22-2589 9991

Mobile No. : +91-9370779990 / +91-9321779990

E-mail : sales@kmdiamondtools.com / export@kmdiamondtools.com, Website : www.kmdiamondtools.com