



VacuumBrazed
Diamond Disc
(Chatur)

Electroplated
Diamond/CBN
Mounted Points



Electroplated
NeedleFiles



Diamond
Lapping
Compound



Dressing
Stricks



Stationary Dressers



Star

Standard Tools Programme

Single Point Dressers

Single Point Dressers are made with selected Congo Round Diamonds mounted in a matrix. They are selected keeping in mind quality and size. They are based on the finish, machine, operating parameters, size and type of wheels.



Shank Size:

1/2" x 5" up to 3.50 Carat Size

5/8" x 5" from 4.00 Carat size to 5 Carat Size

Sl. No.	Carat Weight	Grade A		Grade B		Grade C	
		Tool Code	MRP ₹	Tool Code	MRP ₹	Tool Code	MRP ₹
1	0.25	DA025	445	DB025	360	DC025	316
2	0.35	DA035	485	DB035	416	DC035	360
3	0.50	DA050	620	DB050	498	DC050	457
4	0.75	DA075	1046	DB075	892	DC075	755
5	1.00	DB100	1356	DB100	1133	DC100	914
6	1.50	DA150	2013	DB150	1666	DC150	1469
7	2.00	DA200	2674	DB200	2242	DC200	1869
8	2.50	DA250	3216	DB250	2818	DC250	2342
9	3.00	DA300	3989	DB300	3454	DC300	2777
10	3.50	DA350	4647	DB350	4049	DC350	3175
11	4.00	DA400	5226	DB400	4565	DC400	3573
12	5.00	DA500	6193	DB500	5476	DC500	4600

Natural Point Diamond Dresser

Applications:

Single Point Dressers are used for OD and/or Side Dressing of Conventional Wheels. They can be used on Cylindrical Grinders, Surface Grinders, Tools and Cutters. These Dressers could also be used for Larger Profiles, Male or Female profile Generations on wheels and for removing the existing profiles (Random Dressing). Fresh forms can also be created on the wheels.



Sl. No.	Tool Code	Carat Weight	MRP ₹
1	NP010	0.10	1083
2	NP015	0.15	1450
3	NP020	0.20	2013
4	NP025	0.25	2708
5	NP035	0.35	3485
6	NP050	0.50	6193
7	NP075	0.75	9678
8	NP100	1.00	11613

Chisel Type Dresser

Chisel Dressers are designed for precise and accurate profile dressing of Grinding Wheels. These Dressers are manufactured under strict quality checks, using carefully chosen highest grade natural diamonds. They are available with included angles of 400 and 600.

Sl. No.	Tool Code	Nose Radius	MRP ₹
1	CH125	0.125	6748
2	CH250	0.25	6945
3	CH500	0.5	7139



Applications:

Chisel Type Dressers are ideal for Profiling and Re-profiling of wheels with high accuracy

Diamond Indenter

Sl. No.	Tool Code	MRP ₹
1	Rockwell P	1622
2	Rockwell R	1171

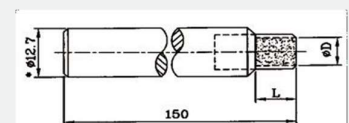
Applications:

Diamond Indenters are used in manual and automatic hardness testing equipment to achieve precise and accurate labeling experiments.

Grit Impregnated Dressers

Diamond Grit Impregnated Dressers are made from crushed diamonds. The advantage lies in its exceptional sharpness, which results from sharp edges and points of the broken diamond grit.

Sl. No.	Tool Code	MRP ₹
1	DG-4	582
2	DG-5	783
3	DG-6	971
4	DG-8	1472
5	DG-10	1703
6	DG-12C	2129
7	DG-12	2032
8	DG-15	2661
9	DG-B L-1	1703
10	DG-B L-2	2286
11	DG-B L-3	4258
12	DG-15P	582



Applications:

Grit Impregnated type Dressers can be used where longer life, frequent dressing cycle, consistent surface finish required. They are suitable for use on Centerless Grinders of larger diameters and lengthy dressing cycles.

Cluster Type Dressers

Cluster type diamond dressers consist of a number of small natural diamonds of good crystal character set in a geometric pattern in single layer and sintered with a special wear resistant bond.

Sl. No.	Tool Code	MRP ₹
1	3/D	852
2	5/D	1453
3	7/D	1919
4	9/D	2070



Applications:

The Cluster Type Diamond Dressers are ideal for rough dressing of grinding wheels in sizes upto 80 grit. Ideal for rough grinding or grinding to eliminate imbalance.

Multi Point Indexable Dressers

In a Multipoint Diamond Dressers, sharp natural diamonds are set in a straight or circular crown at right angles to the operating plane. As soon as the diamonds on the indexed position are completely used up, the crown can be re-adjusted on the shank for new points. Shanks are made to customer specifications.

Sl. No.	Tool Code	MRP ₹
1	EM-24	2580
2	EM-36	3570



Applications:

Dressing abrasive wheels for OD Grinding, Center less Grinding and Surface Grinding. These are ideal for cylindrical grinders.

Blade Type Dressers



Economy Blade Type Dresser

Sl. No.	Tool - Code	MRP ₹
1	SA-090 / FA-090	4938
2	SA-110 / FA-110	5395
3	SA-140 / FA-140	5755
4	SB-075 / FB-075	2264
5	SB-090 / FB-090	2264
6	SB-110 / FB-110	2539
7	SD-140 / FB-140	2777
8	SC-090 / FC-090	2264
9	SC-110 / FC-110	2539
10	SC-140 / FC-140	2777
11	SD-075 / FD-075	1706
12	SD-090 / FD-090	1706
13	SD-110 / FD-110	2026
14	SD-140 / FD-140	2383

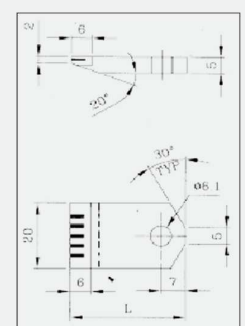
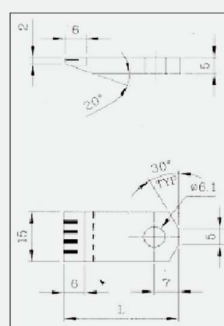
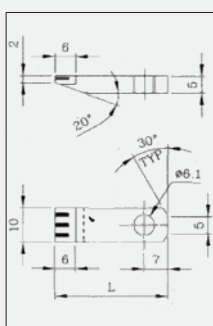
Precision Blade Type Dresser

Sl. No.	Tool - Code	MRP ₹
1	PFA-075 / PSA-075	5297
2	PFA-090 / PSA-090	5392
3	PFA-110 / PSA-110	5866
4	PFA-140 / PSA-140	6432
5	PFB-075 / PSB-075	2460
6	PFB-090 / PSB-090	2537
7	PFB-110 / PSB-110	2840
8	PFB-140 / PSB-140	3216
9	PFC-075 / PSC-075	2460
10	PFC-090 / PSC-090	2537
11	PFC-110 / PSC-110	2840
12	PFC-140 / PSC-140	3216
13	PFD-075 / PSD-075	1891
14	PFD-090 / PSD-090	1968
15	PFD-110 / PSD-110	2271
16	PFD-140 / PSD-140	2647

MCD-Blade Type Diamond Dressers

STAR offers Blade Type MCD Dressers (with 3, 4 & 5 needles) for high precision dressing process. These can be used for OD (Plain) dressing, Angular dressing and Wheel Corner Profile dressing applications.

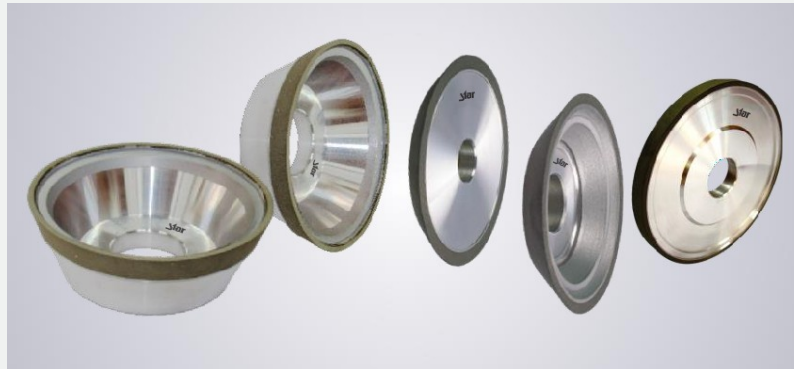
Sl. No.	Size L x W (mm)	Type	Tool Code	MRP ₹
1	33 x 10	3 Needles	BMCD001	23640
2	28 x 10	3 Needles	BMCD002	23640
3	33 x 20	5 Needles	BMCD003	38357
4	28 x 20	5 Needles	BMCD004	38357
5	33 x 15.06	4 Needles	BMCD005	30967
6	28 x 15.06	4 Needles	BMCD006	30967



Resin Bond Diamond Wheels (for Conventional Machine)

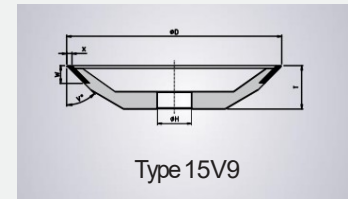
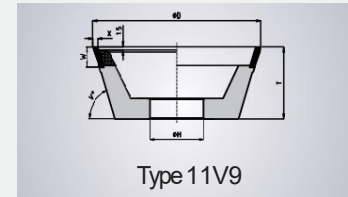
Resin Bond is very versatile, its range of application covers more than half the grinding applications where Diamond grinding tools can be used.

Applications: Insert Grinding (Front / Side Clearance, Top Rake etc); ID / OD Grinding; Surface/ Face Grinding; Tool & Cutter Grinding;



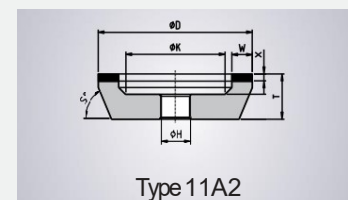
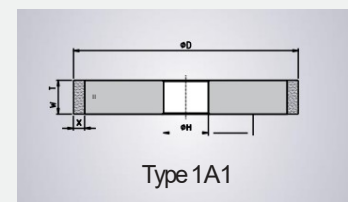
Ecoline Series

Sl. No.	Tool Code	FEPA Type	Dia. D (mm)	Width (mm)	DI X (mm)	Height T (mm)	Grit Size	Conc.	Bore Size H	MRP ₹
1	EC159	11V9	100	2	10	35	D126	75	31.75 H7	6294
2	EC160	11V9	100	2	10	35	D76	75	31.75 H7	6294
3	EC050	11A2	100	10	2	35	D126	75	31.75 H7	5855
4	EC235	1A1	150	12	2	-	D126	75	31.75 H7	8172
5	EC237	1A1	300	12	3	-	D126	75	127 H7	24955
6	EC236	1A1	150	12	3	-	D126	75	31.75 H7	10709
7	EC010	15V9	100	2	6	12	D126	75	31.75 H7	5323
8	EC019	1A1	150	1.1	5	-	D181	100	31.75 H7	6669



Green Wheel Series

Sl. No.	Tool Code	FEPA Type	Dia. D (mm)	Width (mm)	DI X (mm)	Height T (mm)	Grit Size	Conc.	Bore Size H	MRP ₹
1	GR001	1A1	150	12	3	-	D126	75	31.75 H7	4540
2	GR002	11V9	100	2	10	35	D126	75	31.75 H7	2724



SilverLine Series

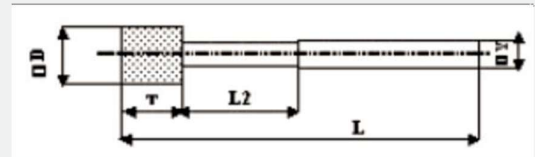
Sl. No.	Tool Code	FEPA Type	Dia. D (mm)	Width (mm)	DI X (mm)	Height T (mm)	Grit Size	Conc.	Bore Size H	MRP ₹
1	SL001	1A1	150	12	3	-	D126	75	31.75 H7	6388
2	SL002	11V9	100	2	10	35	D126	75	31.75 H7	3225
3	SL003	1A1	300	12	5	35	D126	75	127 H7	23734
4	SL004	15V9	100	2	6	12	D126	75	31.75 H7	2896
5	SL005	11A2	100	10	2	35	D126	75	31.75 H7	3726
6	SL006	1A1	150	1.1	5	-	D181	100	31.75 H7	5824

D=Diameter
H=Bore Size
T=Height
V=Angle
W=Abrasive Width
X=Abrasive Thickness

Electroplated Diamond Mounted Points

STAR Electroplated Diamond Mounted Points used for internal grinding of carbide, ceramics, glass, precious stones, alloy and many other abrasivematerials.

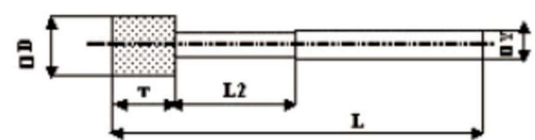
Sl. No.	Dia. D (mm)	T (mm)	L2 (mm)	Dia. Y (mm)	Length L (mm)	Grit	Tool Code	MRP ₹
1	1	3	6	3	35	D126	EDMP199	1487
2	2	4	13	3	45	D126	EDMP118	1487
3	3	4	18	3	45	D126	EDMP187	1487
4	4	5	-	3	57	D126	EDMP119	1753
5	5	6	-	4	57	D126	EDMP120	1816
6	6	7	-	4	57	D126	EDMP121	1816
7	7	7	-	4	57	D126	EDMP033	2098
8	8	8	-	6	57	D126	EDMP122	2286
9	9	8	-	6	57	D126	EDMP265	2286
10	10	10	-	8	70	D126	EDMP123	2505
11	12	10	-	8	70	D126	EDMP124	2630
12	14	12	-	10	70	D126	EDMP164	2896
13	16	12	-	10	100	D126	EDMP162	2896
14	18	15	-	14	100	D126	EDMP130	3225



Electroplated CBN Mounted Points

STAR Electroplated CBN Mounted Points used for internal grinding of high speed steels, tool & die steels, cast irons and hardened steels.

Sl. No.	Dia. D (mm)	T (mm)	L2 (mm)	Dia. Y (mm)	Length L (mm)	Grit	Tool Code	MRP ₹
1	1	3	6	3	35	B126	ECMP083	1816
2	2	4	13	3	45	B126	ECMP273	1753
3	3	4	18	3	45	B126	ECMP275	1816
4	4	5	-	3	57	B126	ECMP276	1957
5	5	6	-	4	57	B126	ECMP257	2020
6	6	7	-	4	57	B126	ECMP160	2098
7	7	7	-	4	57	B126	ECMP085	2348
8	8	8	-	6	57	B126	ECMP301	2568
9	9	8	-	6	57	B126	ECMP086	2630
10	10	10	-	8	70	B126	ECMP250	2755
11	12	10	-	8	70	B126	ECMP251	2896
12	14	12	-	10	70	B126	ECMP183	3225
13	16	12	-	10	100	B126	ECMP252	3225
14	18	15	-	14	100	B126	ECMP267	3225
15	20	15	-	16	100	B126	ECMP268	3570



CHATUR Diamond Disc for Grinding & Hacking Concrete

Chatur is a multi purpose finishing disc, primarily focused on hard surfaces in the construction industry. Chatur has the capability to do finishing operation on a variety of materials like: Grinding of Concrete Surfaces; Hacking of Concrete Columns; Grinding / Chamfering / Finishing of Marbles and Granite.

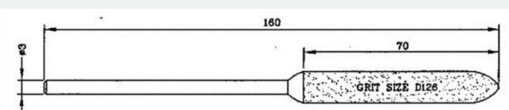
Sl. No.	Tool Code	Diameter(mm)	Bore(mm)	MRP ₹
1	CHAT010	101	20	1941
2	CHAT012	114	22.23	2270
3	CHAT018	127	22.23	2505



Electroplated Files

STAR supplies a range of quality electroplated diamond needle files, available in most popular shapes including flat, knife edge, square, round, half round, triangular. These diamond needle files are ideal for hand working hard materials such as ceramics, super alloys, hard steels and similar materials.

Sl. No.	Cross Section	Description	Grit	Length	Tool Code	MRP ₹
1		Flat	D126	160 mm	EF001	720
2		Half Round	D126	160 mm	EF002	720
3		Knife	D126	160 mm	EF003	720
4		Triangular	D126	160 mm	EF004	720
5		Square	D126	160 mm	EF005	720
6		Round	D126	160 mm	EF006	720
7		Sword Slitting	D126	160 mm	EF007	720
8		Flat	MD25	160 mm	EF008	720
9		Triangular	MD25	160 mm	EF009	720
10		Round	MD25	160 mm	EF010	720



Note:

The dimensions of the cross sections shown in the above table are of the file blanks which are to be plated, i.e. they do not represent the cross-sectional dimension of the plated files.

Dressing Stones

STAR Dressing Stone is a tool to dress the surface of grinding wheels. Dressing Stones are used for making different profiles on grinding wheels. The dressing of a wheel is required to return the wheel to its original shape.

Sl. No.	Tool Code	Size	Grits	MOQ	MRP
1	DS005	200 x 50 x 25	BC120	25	2279
2	DS035	150 x 25 x 25	AA120	25	626
3	DS037	100 x 25 x 12	AA120	50	482
4	DS038	100 x 25 x 12	AA220	50	482
5	DS039	100 x 25 x 12	AA320	50	482



Diamond Lapping Compound

Wendt Diamond Lapping Compound polishes all materials – hard and soft. Diamond powders are uniformly distributed in fluid for superior polishing and consistent part quality. Available in easy to use plastic syringe.

Applications: Mould, Die & Tool Polishing, Polishing of Ceramic parts and other processes that require mirror finish and close tolerance.

Sl. No.	Code	Mesh Size	Size in Micron	MRP ₹
1	DLC010	600	30-40	1346
2	DLC011	800	20-30	1346
3	DLC012	1000	15-20	1346
4	DLC013	1500	10-15	1346
5	DLC014	2000	8-12	1346
6	DLC015	3000	4-9	877
7	DLC016	5000	3-6	877
8	DLC017	8000	2-4	877
9	DLC018	12000	0-2	877



Note: Packing - 5 CC per Syringe

STAR Special Diamond Dresser



Sl. No.	Ordering Code A Grade	Carat Weight	MRP ₹	Sl. No.	Ordering Code A Grade	Carat Weight	MRP ₹
1	SD025	0.25	288.00	9	SD200	2.00	2724
2	SD035	0.35	384.00	10	SD250	2.50	3397
3	SD050	0.50	540.00	11	SD300	3.00	4071
4	SD075	0.75	828.00	12	SD350	3.50	4744
5	SD100	1.00	1056.00	13	SD400	4.00	5386
6	SD125	1.25	1296.00	14	SD450	4.50	6090
7	SD150	1.50	1572.00	15	SD500	5.00	6763
8	SD175	1.75	1836.00	16	SD600	6.00	8110

Note:

- Standard Shank Size: 1/2" X 6"
- Non-Standard sizes will be available on request at extra cost

Note:

- MRP inclusive of 18% GST.
- Since continuous improvements are made, specifications are subjected to change without notice
- All product prices are subject to change without prior notice

Notes

[illegible]

Wendt Also Offers



Resin & Metal Bond Wheels



Dressing Rolls



Vitrified Bond Wheels



Galvanic Bond



OELHELD- Grinding Fluids



**Precision Tool Grinding/
Regrinding Machine**



Precigrind SWH 250



E3500TS



WRS 300 H

Manufactured by

Wendt (India) Limited

#69/70 SIPCOT Industrial Complex, Hosur-635
126, Tamil Nadu, India

Ph: +91-4344-276851, 276252, 405500, 405501

Fax: +91-4344-405620,

Visit us at www.wendtindia.com

For more details contact:

Amit Kumar Gupta

AmitKG@wendtindia.com

+91-98106 06427