

Reshaping
your
world

NORTON MOUNTED POINTS



TM



we've got you covered
**FROM DIY TO TOOLCRIB
TO PRODUCTION FLOOR**

Our bench wheels keep your tools sharp and productive. Reach tight spots with our mounted points, and produce sharp edges with our sharpening stones.



An All-Points Bulletin

Rely on A-shaped mounted points for medium-to heavy-duty blending; B shapes for light deburring and blending; W shapes for offhand and precision medium- to heavy-duty grinding.

PRECISION OFFHAND/PORTABLE MOUNTED POINTS



Industries: Aerospace
Tool and Die
Construction
Metal Fabrication
Automotive
Cutlery
Mold Shops
Stainless Steel Equipment
Foundries

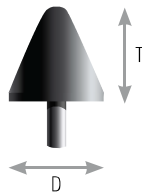
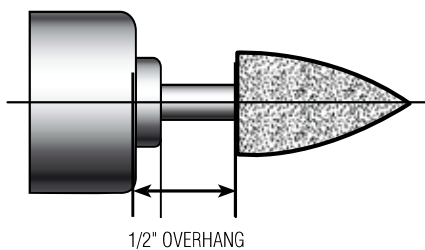
Abrasive Grain: White ALO, Pink ALO,
Green & Black SiC,
Monocrystalline ALO

Typical Applications: Deburring
Tool Sharpening
Removing Metal Marks & Parting Lines
Finishing Cavities
Smoothing intricate profiles of castings & forgings
Die Grinding
Grinding of Steel Rolls
Metal fabrication

Shape Availability: A, B and W

Machine Used: 

MEASUREMENT GUIDE



Description of Overhang

Overhang is the distance between the grinder chuck and the abrasive on the spindle. The larger the overhang, the lower the maximum safe operating speed.

Size

Measured by diameter (D) x thickness (T)

Norton Mounted Points

	Features	Benefits
Best	• 32 A [Off White] : Pure Abrasive for Best Grinding Performance	Excellence performance specially on tool Steels, tough Vanadium Alloy Steels.
Better	• 25 A [PINK], 38 A [White]	Good Cut Rate & Life, Specially on Hardened steel & Allow Steel
Good	• A - versatile abrasive	Suited for general purpose applications, Economical Choice.

TECH TIP

- For best mounted point performance, always run the mounted point at the maximum allowable speed according to ANSI
- B7.1. Refer to the speed chart included in each shipment for proper operating speeds.
- Use 36 grit and coarser for rough grinding.**
Use 60 and 90 grits for imparting fine finishes or when grinding on narrow surfaces



It is the user's responsibility to refer to and comply with ANSI B7.1

SpecCheck

37C: Silicon Carbide - BLACK used for Grinding of Non-Ferrous materials except Tungsten Carbide

39C: Silicon Carbide - Green is ideal for grinding of extremely hard and special types of Non - Ferrous Metals & cast irons.

SafetyTIPS



Maximum Safe operating speed of all Mounted points is 33 m/sec. Max RPM is shown for each shape code in the table. Max RPM is based on the shape and Spindle combination with a maximum 25 mm overhang.

PRECISION OFFHAND/PORTABLE MOUNTED POINTS

ALUMINUM OXIDE– VITRIFIED BOND

GOOD VALUE FOR GENERAL PURPOSE, SMALL JOB SHOP APPLICATIONS

FEATURES

- 25A, 32A, 37C, 39C Abrasive
- Diverse shapes and sizes

BENEFITS

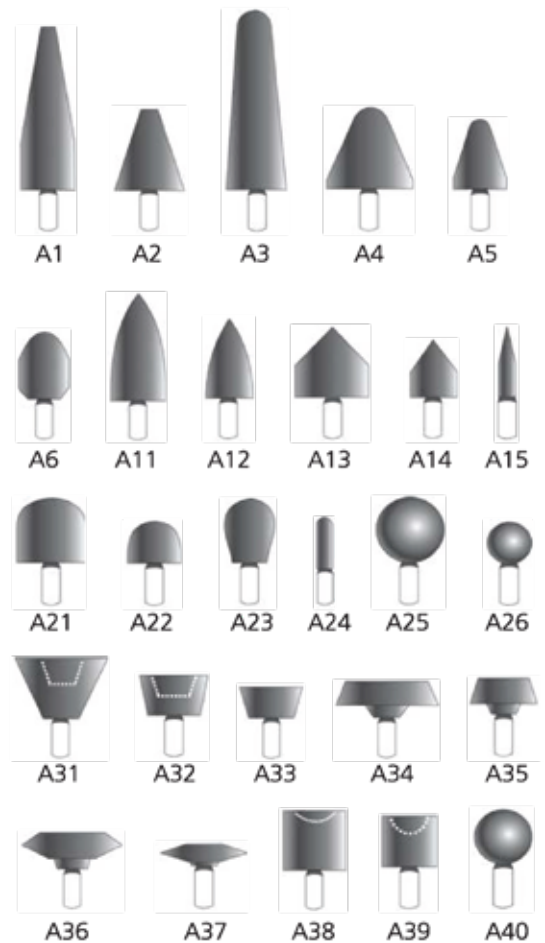
- Cool cutting, less burn
- Ideal when initial price is the main purchasing consideration

Explanation of the shape code system:

D = Mounted point outer dia.	3 mm & 6 mm Shank dia Available
T = Mounted point width	40 mm standard Shank length

Shape	D x T	Max RPM
A1	20 x 65	19800
A2	25 x 32	
A3	25 x 70	16100
A4	25 x 25	25222
A5	20 x 30	31000
A6	20 x 28	31000
A11	22 x 45	19800
A12	18 x 32	35000
A13	28 x 28	22500
A14	18 x 23	35000
A15	6 x 28	72500
A21	25 x 25	25000
A22	20 x 16	31500
A23	20 x 25	31500
A24	6 x 20	76000
A25	25 Sphere/ Ball	25000
A26	16 Sphere/ Ball	39000
A31	35 x 25	18000
A32	25 x 16	25000
A33	25 x 13	25000
A34	40 x 10	15000
A35	25 x 10	25000
A36	40 x 10	15000
A37	32 x 6	19000
A38	25 x 25	25000
A39	20 x 20	31500
A40	20 Sphere/Ball	31500

Use "A" shapes for medium to heavy duty blending



PRECISION OFFHAND/PORTABLE MOUNTED POINTS

Use "B" shapes for light deburring and finishing/polishing

Explanation of the shape code system:

D = Mounted point outer dia.	3 mm & 6 mm Shank dia Available
T = Mounted point width	40 mm standard Shank length

Shape	D x T	Max RPM
B41	6 x 8	33500
B42	6 x 10	105000
B43	6 x 8	81000
B44	6 x 10	68000
B45	5 x 8	105000
B51	11 x 19	43000
B52	10 x 19	63000
B53	6 x 16	105000
B54	6 x 13	43000
B61	19 x 8	33000
B62	13 x 10	48000
B63	6 x 5	105000
B70	19 x 3	33000
B71	16 x 2	39000
B72	13 x 3	48000
B73	13 x 3	48000
B74	8 x 2.5	78000
B81	19 x 8	33000
B91	13 x 16	48000
B92	6 x 6	105000
B93	5 x 5	125000
B101	16 x 18	39000
B102	16 x 13	39000
B103	16 x 5	39000
B104	8 x 10	78000
B105	6 x 6	105000
B111	11 x 18	57000
B112	10 x 13	63000
B113	6 x 6	105000
B114	6 x 10	105000
B121	13 Sphere/ Ball	48000
B122	10 shpere	61000
B123	5 Sphere/ Ball	105000
B124	3 Sphere/ Ball	105000
B131	13 x 13	345000
B132	10 x 13	45000
B133	10 x 10	54000
B134	8 x 10	61650
B135	6 x 13	61650
B136	6 x 8	77000



B41



B42



B43



B44



B45



B51



B52



B53



B54



B61



B62



B63



B70



B71



B72



B73



B74



B81



B90



B91



B92



B93



B94



B101



B102



B103



B104



B105



B111



B112



B113



B114



B121



B122



B123



B131



B132



B133



B134



B135



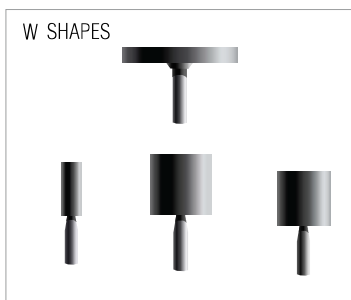
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PRECISION OFFHAND/PORTABLE MOUNTED POINTS



W SHAPES



Use "W" shapes for offhand and precision grinding of medium to heavy stock

Explanation of the shape code system:

D = Mounted point outer dia.	3 mm & 6 mm Shank dia Available
T = Mounted point width	40 mm standard Shank length

Shape	D x T	Max RPM
W160	6 x 6	105000
W162	6 x 10	105000
W163	6 x 13	105000
W164	6 x 20	105000
W167	8 x 6	78000
W170	8 x 13	78000
W174	10 x 6	63000
W175	10 x 10	63000
W176	10 x 13	63000
W177	10 x 20	63000
W179	10 x 32	63000
W183	13 x 6	48500
W184	13 x 10	48500
W185	13 x 13	48500
W186	13 x 20	48500
W187	13 x 25	48500
W188	13 x 40	48500
W192	16 x 6	39400
W193	16 x 10	39400
W194	16 x 13	39400
W195	16 x 20	39400
W196	16 x 25	39400
W197	16 x 50	39400
W201	20 x 6	31500
W202	20 x 10	31500
W203	20 x 13	31500
W204	20 x 20	31500
W205	20 x 25	31500
W206	20 x 32	31500
W215	25 x 3.2	25200
W216	25 x 6	25200
W217	25 x 10	25200
W218	25 x 13	25200
W219	25 x 20	25200
W220	25 x 25	25200
W222	25 x 50	25200
W225	32 x 6	19700
W226	32 x 10	19700
W227	32 x 13	19700
W235	40 x 6	15700
W236	40 x 13	15700
W237	40 x 25	15700
W238	38 x 40	15700



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