

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

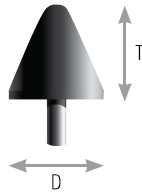
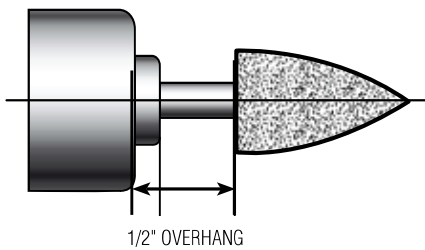
Abrasive Grain: White ALO, Pink ALO,  
Green & Black SiC,  
Monocrystalline ALO

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
<b>Best</b>	• 32 A [ Off White ] : Pure Abrasive for Best Grinding Performance	Excellence performance specially on tool Steels, tough Vanadium Alloy Steels.
<b>Better</b>	• 25 A [ PINK ], 38 A [ White ]	Good Cut Rate & Life, Specially on Hardened steel & Allow Steel
<b>Good</b>	• 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**

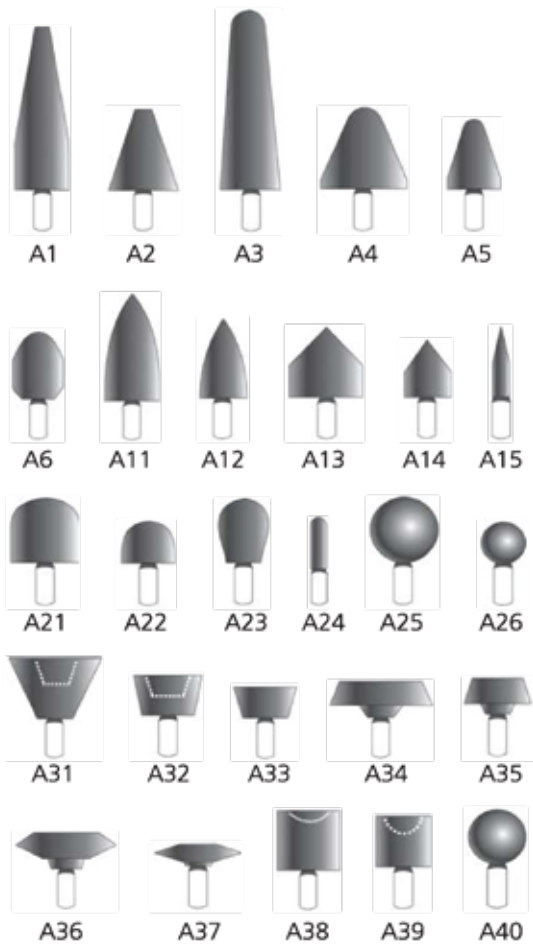
- Cool cutting, less burn
- Ideal when initial price is the main purchasing consideration

**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 Spehere/ 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

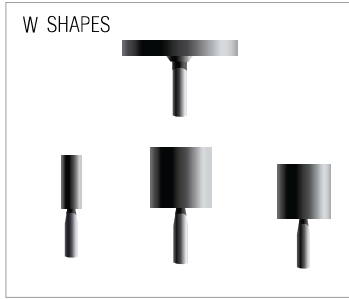
Explanation of the shape code system:

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



# PRECISION OFFHAND/PORTABLE MOUNTED POINTS



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



**Saint-Gobain Abrasives South-East Asia**

Email: CS\_SEA@saint-gobain.com

Telephones:

**Thailand/Myanmar/Laos/Cambodia:**

+66 2 493 5400

**Indonesia:**

+62 21 8898 6262 / +62 31 8474 358

**Malaysia-Singapore:**

Toll free number For MY : 1800818821

Toll free number For SG : 8008526542

**Philippines:** +63 886 9176

**Vietnam:** +84 3776 2026 (Ext. 703)



[www.saint-gobain-abrasives.com/en-sea](http://www.saint-gobain-abrasives.com/en-sea)



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