

# MOUNTED POINTS

**NORTON  
ADVANTAGE**

*Grindwell Norton presents SpitFire Mounted Points, a vitrified offering of high quality. Stock mounted points are available in a variety of abrasives and a full range of standard shapes and sizes, to suit every end-use.*



Industry	Steel	Auto OEM	Auto Ancillaries	Foundry & Forging	General Engg	Tools & Dies
Usage	●	●	●	●	●	●
	● Primary Use	● Secondary Use				



SPITFIRE MOUNTED POINTS		
	FEATURES	BENEFITS
<b>BEST</b>	<ul style="list-style-type: none"> <li>32A : Pure abrasive for best grinding performance</li> </ul>	<ul style="list-style-type: none"> <li>Excellent performance specially on tool steels, tough vanadium alloy steels</li> </ul>
<b>BETTER</b>	<ul style="list-style-type: none"> <li>25A, 38A : Semi-friable abrasives</li> </ul>	<ul style="list-style-type: none"> <li>Good cut rate &amp; life, specially on hardened steel &amp; alloy steels</li> <li>Ideal for cool cutting</li> </ul>
<b>GOOD</b>	<ul style="list-style-type: none"> <li>A : A versatile abrasive &amp; first choice for all general purpose applications</li> </ul>	<ul style="list-style-type: none"> <li>Best suited for all general purpose applications</li> </ul>

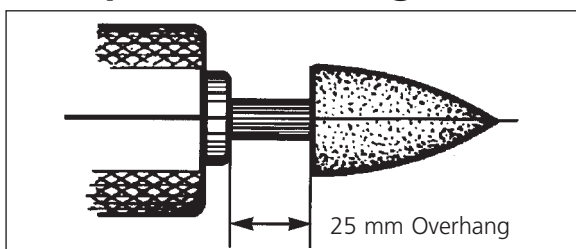
TYPICAL APPLICATIONS
<ul style="list-style-type: none"> <li>Deburring</li> <li>Tool sharpening</li> <li>Removing metal marks and parting lines</li> <li>Finishing cavities</li> <li>Smoothering intricate profiles of castings, forgings</li> <li>Die grinding</li> <li>Grinding of steel rolling rolls</li> </ul>

## SpecCheck

37C: Silicon Carbide abrasive used for grinding of non-ferrous materials, except Tungsten Carbide.

39C: This light green abrasive is ideal for grinding of extremely hard and special types of non-ferrous metals and cast iron.

### Description of Overhang



Distance between the grinder chuck and the abrasive on the spindle — The larger the overhang, the lower the maximum safe operating speed.

## SafetyTIPS



### Safe operating speeds for SpitFire Mounted Points

- Maximum safe operating speeds are presented in the tables for each shape/spindle combination and are based on 25 mm maximum overhang.

# MOUNTED POINTS

## A SHAPES

### STOCK AVAILABILITY TABLE

#### Mounted Points (Spindle Length 40 mm)

Shape	Dia. (mm)	Thk. (mm)	Std. Pkg.	Specification	Stock No.
A-15	6	28	240	Fine	M16
A-15	6	28	240	Fine	M16A
A-21	25	25	80	Coarse	M17AS
A-24	6	20	240	Medium	M18
A-24	6	20	240	Medium	M18A
A-24	6	20	240	Medium	M18AG
A-1	20	63	50	Coarse	M1AG
A-1	20	63	50	Coarse	M1AS
A-1	20	63	50	Coarse	M1G
A-1	20	63	50	Coarse	M1S
W178	10	25	240	Medium	M36
W178	10	25	240	Medium	M36A
W178	10	25	240	Fine	M37
W178	10	25	240	Fine	M38
W220	25	25	80	Coarse	M43AG
W220	25	25	80	Coarse	M43AS
W235G	40	6	200	39C Coarse	M47G
W235G	40	6	200	39C Coarse	M47J
W235G	40	13	200	39C Coarse	M48G
W235G	40	13	200	39C Coarse	M48J
A-3	23	71	50	Coarse	M4AG
A-3	23	71	50	Coarse	M4AS
A-3	23	71	50	Coarse	M4G
A-3	23	71	50	Coarse	M4S
A-37	30	6	160	Fine	M51A
B-70	20	3	240	Fine	M52A
B-71	16	2.5	240	Fine	M53A
B-73	14	3.2	240	Fine	M54A
A-3	23	71	50	Coarse	M92
A-11	21	45	50	Coarse	M93A
A-11	21	45	50	Coarse	M9AG
A-11	21	45	50	Coarse	M9AS
A-11	21	45	50	Coarse	M9G
A-11	21	45	50	Coarse	M9S



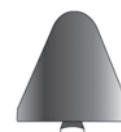
A1



A2



A3



A4



A5



A6

#### Torsteel Mounted Points (Spindle Length 40 mm)

A-37	32	7	160	Torsteel Fine	M51A
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A11



A12



A13



A14



A15



A21



A22



A23



A24



A25



A26



A31



A32



A33



A34



A35



A36



A37



A38



A39



A40

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## B SHAPES

The standard Spindle length is 40 mm

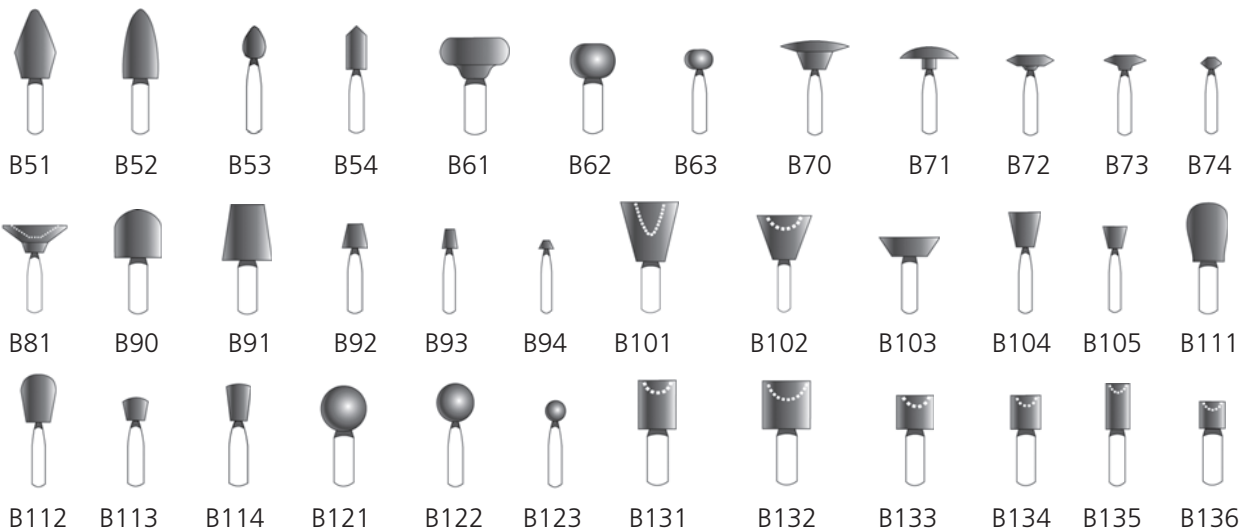
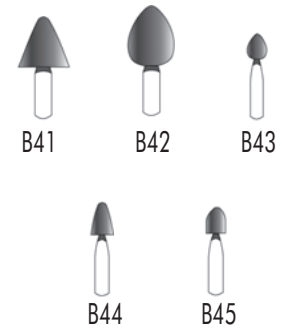
### STOCK AVAILABILITY TABLE

#### Mounted Points (Spindle Length 40 mm)

Shape	Dia. (mm)	Thk. (mm)	Std. Pkg.	Specification	Stock No.
B-52	10	20	240	Fine	M31
B-72	13	3.2	240	Fine	M32

#### Torsteel Mounted Points (Spindle Length 40 mm)

B-70	20	3	240	Torsteel Fine	M52A
B-71	16	2.5	240	Torsteel Fine	M53A
B-73	13	3.2	240	Torsteel Fine	M54A



## W SHAPES

The standard Spindle length is 40 mm

### STOCK AVAILABILITY TABLE

#### Mounted Points (Spindle Length 40 mm)

Shape	Dia. (mm)	Thk. (mm)	Std. Pkg.	Specification	Stock No.
W-178	10	25	240	Medium	M36
W-178	10	25	240	Medium	M36A
W-178	10	25	240	Fine	M37
W-187	13	25	240	Fine	M38
W-205	20	25	80	Coarse	M41
W-208	20	50	80	Coarse	M42A
W-220	25	25	80	Coarse	M43
W-220	25	25	80	Coarse	M95
W-220	25	25	80	Coarse	M43A
W-220	25	25	80	Coarse	M95A
W-220	25	25	80	39C Medium	M44
W-227	32	13	80	Coarse	M46
W-236	40	13	200	39C Coarse	M48
W-Shape	40	20	200	39C 54-3 N4 VK	M49



**BONDED ABRASIVES**