



Abrasive Mounted Points are used in all foundries, heavy engineering and machine shops, toolrooms and in the construction industry. They are used for blending tools and dies, deburring and enlarging of holes, fettling of castings and many other operations where removal of excess material is required. Optimum grit sizes are pre-selected by Grinding Techniques (Pty) Ltd. to suit the size of the mounted point and the probable operation.

Mounted points are displayed actual size

## GROUP A

6mm diameter spindles



**A1** 20x65mm  
19800•16500



**A2** 25x32mm  
38200•32620



**A3 mini** 18x44mm  
19860•15100



**A3** 22x70mm  
16100•13080



**A4** 32x32mm  
29840•24750



**A6** 20x30mm  
39000•29700



**A11** 22x50mm  
19860•15100



**A12** 17x32mm  
48000•35250



**A13** 29x29mm  
33950•32250



**A14** 17x22mm  
53050•40500



**A15** 6x25mm  
72750•47620



**A21** 25x25mm  
34500•26250



**A22** 20x16mm  
50930•40500



**A24** 6x20mm  
76500•49500



**A25** 25mm dia.  
35620•27370



**A26** 16mm dia.  
59680•46500



**A31** 35x25mm  
27280•26250



**A32** 25x16mm  
38200•38200



**A33** 25x13mm  
38200•38200







**A36** 40x10mm  
23520•23520



**A37** 32x6mm  
29840•29840

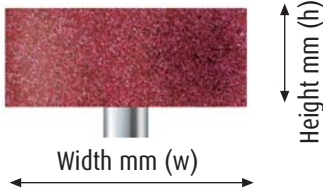
Mounted points are displayed actual size

## 3mm diameter spindles GROUP B

							
<b>B41</b> 16x16mm 33750•23250	<b>B42</b> 13x20mm 33750•23250	<b>B44</b> 6x10mm 68400•42370	<b>B52</b> 10x20mm 45370•28500	<b>B53</b> 6x16mm 60000•38020	<b>B54</b> 6x13mm 60000•38020	<b>B55</b> 3x6mm 105000•64500	<b>B61</b> 20x8mm 38250•24370
							
<b>B72</b> 13x3mm 73500•43650	<b>B81</b> 20x5mm 47750•41250	<b>B84</b> 8x5mm 105000•64500	<b>B91</b> 13x16mm 34500•22500	<b>B92</b> 6x6mm 81370•51000	<b>B96</b> 3x6mm 105000•64500	<b>B101</b> 16x17mm 33750•23250	<b>B103</b> 16x5mm 59680•41250
							
<b>B104</b> 8x10mm 68400•42370	<b>B111</b> 11x17mm 33750•23250	<b>B121</b> 13mm dia. 45370•28500	<b>B122</b> 10mm dia. 61650•37720	<b>B123</b> 5mm dia. 104250•61820	<b>B131</b> 13x13mm 34500•22500	<b>B132</b> 10x13mm 45370•28500	<b>B136</b> 6x8mm 77250•45920

## GROUP W (CYLINDRICAL)

Order wheel size by Reference Number corresponding to wheel size required. All dimensions are in millimetres and are measured as Width (w) x Height (h).



MOUNTED ON 3mm/3.2mm SPINDLES

MOUNTED ON 6mm/6.35mm SPINDLES

<b>W144</b> 3x6mm 105000•64500	<b>W146</b> 3x13mm 105000•64500	<b>W152</b> 5x6mm 105000•64500	<b>W163</b> 6x13mm 60000•38020	<b>W164</b> 6x20mm 45900•30000	<b>W167</b> 8x6mm 75000•45750	<b>W171</b> 8x20mm 37120•25500
<b>W174</b> 10x6mm 69000•41250	<b>W176</b> 10x13mm 45370•28500	<b>W178</b> 10x25mm 26250•18750	<b>W182</b> 13x3mm 73460•43650	<b>W183</b> 13x6mm 51750•31870	<b>W185</b> 13x13 34500•22500	
<b>W187</b> 13x25mm 40500•30000	<b>W188</b> 13x40mm 30370•24000	<b>W201</b> 20x6mm 47750•47750	<b>W203</b> 20x13mm 47750•36370	<b>W204</b> 20x20mm 42750•30750	<b>W205</b> 20x25mm 34500•25870	<b>W207</b> 20x40mm 24000•18520
<b>W216</b> 25x6mm 38200•38200	<b>W220</b> 25x25mm 25500•19120	<b>W221</b> 25x40mm 19120•14620	<b>W222</b> 25x50mm 15900•12370	<b>W225</b> 30x6mm 29840•29840	<b>W227</b> 30x13mm 30560•29620	<b>W229</b> 30x25mm 24000•18750
<b>W235</b> 40x6mm 25130•25130	<b>W236</b> 40x13mm 25130•25130	<b>W237</b> 40x25mm 22500•17620	<b>W238</b> 40x40mm 15600•12000	<b>W242</b> 50x25mm 19100•15950	<b>W264-6</b> 50x6 18500•18500	<b>W264-10</b> 50x10 18500•18500

**RECOMMENDED RPM**

With 0-13mm overhang indicated in **BLUE** figures  
 With 25mm overhang indicated in **RED** figures



Polishing points are displayed actual size

# HI-GLO POLISHING POINTS

**3mm Spindles & 6mm Spindles**

**RECOMMENDED RPM** • With 5mm overhang indicated in Blue figures  
 With >5mm overhang indicated in Red figures



Hi-Glo elastic bonded polishing points can be used for descaling, cleaning, deoxidizing, rust removal, mottling, deburring, polishing, fine grinding and finishing, radiussing, trimming, superfinishing, smoothing and scratch removal. They are a particularly useful medium for correcting faults in all types of metals, whilst at the same time maintaining a good surface finish; they take over whenever vitrified or resin bonded abrasive products can no longer bring about any improvement in the quality of surface finish. Hi-Glo products conform to all surface contours to achieve a completely uniform surface finish with minimal stock removal; this surface finish will remain constant throughout the life of the polishing point.

**OPERATING SPEED:** The maximum operating speed quoted relates to polishing points with a shaft overhang of no greater than 5mm. Minimum clamping length of the shaft in the collet should be no less than 10mm. The stated maximum operating speed should be reduced by 50% when high axial pressure is used. Excessive working pressure causing heat in excess of 100° C will destroy the polishing point.

PRODUCT TYPE	GRAIN TYPE	GRIT SIZE	SPINDLE CEMENT COLOUR	DESIGNATED END USE	AVAILABILITY
NK	Aluminium Oxide	46	Black	Mild and tool steels, stainless steel, cast iron, hard aluminium, etc	Standard Stock
		80	White		
		120	Red		
		180	Green		
SC	Silicon Carbide			Carbide, ceramic, porcelain, soft non-ferrous metals, plastics, glass, etc	On Request

**GRIT SIZE SELECTION:** Coarser grits make it easier to refine a higher initial roughness with less effort, whilst finer grits give a better finish.

**COOLANT/LUBRICANT:** Can be used wet or dry. In most cases, coolant is not necessary.

**GENERAL APPLICATIONS:** Toolmaking, mould manufacture, metal and machinery fabrication, turbine blade manufacture, finishing of mechanically welded seams, automotive and aircraft industries and for many other diverse applications.

**SPECIFIC TECHNICAL BENEFITS:** Improved finish on moulded products from improved finish on moulds; reduced frictional resistance of components; raised mechanical loading capacity of highly stressed components through reduced surface roughness; reduced stress fractures by edge deburring and radiussing of mechanical parts; improved contactability of electrical conductors.

**Andor Abrasive Mounted Points and Hi-Glo Polishing Points.**

Another high quality technical abrasive range of products from Grinding Techniques (Pty) Ltd.



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