

Description	Steel abrasives are produced with super eutectoid medium alloy steel. The percentage of sulphur, phosphorus and chromium content is low. Abrasives are heat treated, applying the most modern procedure. The micro structure of steel high-carbon heat treated abrasives is a fine and homogeneous martensite.																																																																		
Applications	Steel shot is suitable for use in impeller-type wheel-machines as well as for compressed-air blasting in enclosed recycling systems, such as shotblast rooms, cabinets etc.																																																																		
Quality	The steel abrasives are in conformity with the SAE J444 standards, DIN 8201 and ISO 11124-3																																																																		
Properties	<table border="0"> <tr> <td>Structure</td> <td>:</td> <td>uniformly tempered martensite</td> </tr> <tr> <td>Shape</td> <td>:</td> <td>spherical</td> </tr> <tr> <td>Color</td> <td>:</td> <td>steelblue / grey</td> </tr> <tr> <td>Hardness</td> <td>:</td> <td>H - Rockwell C 40-50(390 - 510 HV)</td> </tr> <tr> <td>Specific density</td> <td>:</td> <td>7.4 kg/dm³</td> </tr> <tr> <td>Loose bulk density</td> <td>:</td> <td>4.4 kg/dm³</td> </tr> </table>	Structure	:	uniformly tempered martensite	Shape	:	spherical	Color	:	steelblue / grey	Hardness	:	H - Rockwell C 40-50(390 - 510 HV)	Specific density	:	7.4 kg/dm ³	Loose bulk density	:	4.4 kg/dm ³																																																
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Grain sizes	<table border="0"> <tr> <td>S70</td> <td>:</td> <td>0.18</td> <td>-</td> <td>0.35</td> <td></td> <td>S390</td> <td>:</td> <td>1.00</td> <td>-</td> <td>1.41</td> </tr> <tr> <td>S110</td> <td>:</td> <td>0.30</td> <td>-</td> <td>0.50</td> <td></td> <td>S460</td> <td>:</td> <td>1.19</td> <td>-</td> <td>1.68</td> </tr> <tr> <td>S170</td> <td>:</td> <td>0.42</td> <td>-</td> <td>0.71</td> <td></td> <td>S550</td> <td>:</td> <td>1.41</td> <td>-</td> <td>2.00</td> </tr> <tr> <td>S230</td> <td>:</td> <td>0.59</td> <td>-</td> <td>0.84</td> <td></td> <td>S780</td> <td>:</td> <td>2.00</td> <td>-</td> <td>2.80</td> </tr> <tr> <td>S280</td> <td>:</td> <td>0.71</td> <td>-</td> <td>1.00</td> <td></td> <td>S930</td> <td>:</td> <td>2.36</td> <td>-</td> <td>3.35</td> </tr> <tr> <td>S330</td> <td>:</td> <td>0.84</td> <td>-</td> <td>1.19</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>	S70	:	0.18	-	0.35		S390	:	1.00	-	1.41	S110	:	0.30	-	0.50		S460	:	1.19	-	1.68	S170	:	0.42	-	0.71		S550	:	1.41	-	2.00	S230	:	0.59	-	0.84		S780	:	2.00	-	2.80	S280	:	0.71	-	1.00		S930	:	2.36	-	3.35	S330	:	0.84	-	1.19						
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Packing	In PE bags of 25 kg on shrink foiled export pallets of 1000 kg reinforced with cardboard. Other packing options on request																																																																		

Equipment, materials and abrasives used for surface preparation can be hazardous if used carelessly. Many national regulations exist for those materials and abrasives that are considered to be hazardous during or after use (waste management), such as free silica or carcinogenic or toxic substances. Those regulations are therefore to be observed. It is important to ensure that adequate instructions are given and that all required precautions are exercised.

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