



**Steel Shot/Cast-steel, round**  
**Metallic blast-cleaning abrasive**  
**M/HCS/S**

<b>Designation:</b>	<b>Metallic blast-cleaning abrasive M/HCS/S</b>										
<b>Quality:</b>	In accordance with DIN EN ISO 11124-3, <b>Steel Shot / Cast-steel, round</b> , is a metallic blast-cleaning abrasive, the manufacture of which takes place following the most stringent criteria and controls.  <b>Steel Shot / Cast-steel, round</b> , should be stored dry as otherwise there is a risk that the flowability will be impaired.										
<b>Origin:</b>	<b>Steel Shot / Cast-steel, round</b> , is a cast, round, metallic blast-cleaning abrasive which is separated by screening to precisely defined particle sizes.										
<b>Hardness:</b>	40 to 50 HRC										
<b>Weight:</b>	min. 7 g/cm <sup>3</sup> (apparent density), measured by displacement using methanol										
<b>Chemical analysis:</b> (Approximate Values)	<table> <tr> <td>Carbon C</td> <td>0,85 to 1,20 %</td> </tr> <tr> <td>Manganese Mn</td> <td>0,60 to 1,20 %</td> </tr> <tr> <td>Silicon Si</td> <td>min. 0,40 %</td> </tr> <tr> <td>Sulfur S</td> <td>max. 0,05 %</td> </tr> <tr> <td>Phosphorus P</td> <td>max. 0,05 %</td> </tr> </table>	Carbon C	0,85 to 1,20 %	Manganese Mn	0,60 to 1,20 %	Silicon Si	min. 0,40 %	Sulfur S	max. 0,05 %	Phosphorus P	max. 0,05 %
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Silicon Si	min. 0,40 %										
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Phosphorus P	max. 0,05 %										
<b>Free silica:</b>	Not detectable.										
<b>Health and Safety regulations:</b>	All legal regulations are complied with. The values are below those of the safety regulation BGR 500 Kap. 2.2.										
<b>Fields of application:</b>	<b>Steel Shot / Cast-steel, round</b> , is mainly used in rotating-wheel plants, among other things for descaling, derusting and deburring of surfaces prior to subsequent coating/painting.										

Please contact us for more information:

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 Muggenburger Strasse 10  
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**Particle size ranges available for delivery:**

S 550 = 1,18 mm to 2,00 mm / Nominal size 1,40 mm  
 S 460 = 1,00 mm to 2,00 mm / Nominal size 1,20 mms  
 S 390 = 0,85 mm to 1,70 mm / Nominal size 1,00 mm  
 S 330 = 0,71 mm to 1,40 mm / Nominal size 0,80 mm  
 S 280 = 0,60 mm to 1,18 mm / Nominal size 0,70 mm  
 S 230 = 0,50 mm to 1,00 mm / Nominal size 0,60 mm  
 S 170 = 0,35 mm to 0,85 mm / Nominal size 0,40 mm

**Forms of supply:**

Packed ready for use in bags à 25 kg gross for net, on palettes, with enclosing carton with hood.

Delivery from our store Hamburg with immediate link to road and water.

**Blast-cleaning technique and particle size range selection:**

The particle size range is to be specified by the user, depending on the particular blast-cleaning purpose and the condition of the surface to be blast-cleaned.

The selection of the particle size depends among other things on the individual blast-cleaning purpose as well as the desired surface condition.

**Redelivery:**

**Steel Shot / Cast-steel, round**, will be taken back by us after prescribed use, on payment, for utilisation in accordance with the Kreislaufwirtschafts- and Abfallgesetz (Business cycle and waste law). The procedures used for this are approved by authorities.

**Note:**

It is to be observed that all statements in this technical data sheet refer to **Steel Shot / Cast-steel, round**, in its state of delivery.

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