



**Steel Grit / Cast-steel, grit**  
**Metallic blast-cleaning abrasive M/HCS/G**

<b>Designation:</b>	<b>Metallic blast-cleaning abrasive M/HCS/G</b>	
<b>Quality:</b>	In accordance with DIN EN ISO 11124-3, <b>Steel Grit / Cast-steel, grit</b> , is a metallic blast- cleaning abrasive, the manufacture of which takes place following the most stringent criteria and controls.  <b>Steel Grit / Cast-steel, grit</b> , should be stored dry as otherwise there is a risk that the flowability will be impaired.	
<b>Origin:</b>	<b>Steel Grit / Cast-steel, grit</b> , is produced by mechanical crushing of steel shot particles of different size to sharp-edged particles with precisely defined particle size.	
<b>Hardness:</b>	GH: -	90 % min. 60 HRC
	GL: -	90 % min. 55 to 60 HRC
	GM: -	90 % min. 50 to 55 HRC
	GS: -	90 % min. 42 to 50 HRC
<b>Weight:</b>	Min. 7 g/cm <sup>3</sup> (apparent density), measured by displacement using methanol	
<b>Chemical analysis:</b>	Carbon C	0,85 to 1,20 %
(Approximate Values)	Manganese Mn	0,60 to 1,20 %
	Silicon Si	min. 0,40 %
	Sulfur S	max. 0,05 %
	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>Applicability:</b>	<b>Steel Grit /Cast-steel, grit</b> , is used in compressed- air plants, among other things for descaling, derusting, deburring and roughening of surfaces prior to subsequent coating/painting.	

Please contact us for more information:

Sibelco Deutschland GmbH  
Müggelburger Strasse 10  
D-20539 Hamburg

Ph: +49 40 781298-0

[abrasives@sibelco.com](mailto:abrasives@sibelco.com)



**Particle size ranges available for delivery:**

G 12 =	1,40 mm to 2,36 mm / Nominal size 1,70 mm
G 14 =	1,18 mm to 2,00 mm / Nominal size 1,40 mm
G 16 =	1,00 mm to 1,70 mm / Nominal size 1,20 mm
G 18 =	0,71 mm to 1,40 mm / Nominal size 1,00 mm
G 25 =	0,42 mm to 1,18 mm / Nominal size 0,70 mm
G 40 =	0,30 mm to 1,00 mm / Nominal size 0,40 mm
G 50 =	0,18 mm to 0,71 mm / Nominal size 0,30 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 Grit / Cast-steel, grit**, 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 Grit / Cast-steel, grit**, in its state of delivery.

Please contact us for more information:

Sibelco Deutschland GmbH  
Müggelburger Strasse 10  
D-20539 Hamburg

Ph: +49 40 781298-0

[abrasives@sibelco.com](mailto:abrasives@sibelco.com)



**SIBELCO**  
EUROPE