



# GH STEEL GRIT DATA SHEET

## Steel grit

### Areas of application

- Reusable abrasive
- Rust removal
- Paint stripping
- Descaling
- Surface preparation prior to coating
- Blast cleaning
- Rough blasting

### Blasting systems

- Pressure blast systems (GH)
- Wheel blasting systems (GL, GP)  
(wear protection recommended)

### Packaging

- 25 kg sacks on pallet up to 1 t
- 1 t loose in a big bag

### Deliverable standards and specifications

- EN ISO 11124-4
- DIN 8201-3
- SAE J444
- SAE J993

### Available grain sizes

Product code	Grain size range (mm)	Grain size range (mm)	Grain size range (mm)
GH12	1.7 – 2.4	GH40	0.3 – 1.0
GH14	1.4 – 2.0	GH50	0.2 – 0.7
GH16	1.0 – 1.7	GH80	0.1 – 0.4
GH18	0.7 – 1.4	GH120	0.1 – 0.3
GH25	0.4 – 1.2		

Other grain sizes can be produced on request.

Cast steel grit is available in three hardness classes: GH, GL and GP. It can be used both in compressed air blast systems and in wheel blast systems – preferably with wear protection. Depending on the degree of hardness, this abrasive will sooner or later round off in the operating mixture. Angular cast steel is ideal for cleaning, roughening and descaling, as well as for preparatory blasting before coating metallic components.

### Physical properties

Hardness GP	40 – 53 HRC (390 – 550 HV)
Hardness GL	54 – 60 HRC (570 – 720 HV)
Hardness GH	> 61 HRC (> 740 HV)
Grain shape	angular
Melting point	approx. 1,535 °C
Specific gravity	approx. 7 g/cm <sup>3</sup>
Bulk density*	approx. 4.0 – 4.6 g/cm <sup>3</sup>
Microstructure	martensitic

\*depending on granular size

### Typical chemical analysis

C	0.80 – 1.20 %
Mn	0.35 – 1.20 %
Si	0.40 – 1.50 %
S	max. 0.05 %
P	max. 0.05 %
Fe	Remainder

Comment: For safety reasons, we recommend that you use a protective strainer when filling the blasting equipment.