

Product information

CHROME STEEL BALLS

W 1.3505 / 100 CR 6 / class VI

Characteristic and use:

The quality is defined by material number (W) and class (rom. I - VII). For grinding- and dispersion processes the material W 1.3505 can be used. The steel balls we are offering are currently produced according to DIN 5401

Diameters:

1,5 mm	2,5 mm	3,5 mm
2,0 mm	3,0 mm	

ask for other materials and special sizes

Technical properties:

Shape	round according to DIN 5401
Density (spec.gravity)	ca. 7,85 g/cm³
Hardness according to Rockwell (HRC)	60 - 66
Coefficient of thermal expansion	---
Surface	polished metallic
Modulus of elasticity (Young)	---
Settled apparent density	4,8 kg/dm³
Crushing strength acc. to diameter	6.500 N/mm ²
Purity	---
Hydrol. class	---
Acidic class	---
Alkaline class	---
Deformation temperature	815 - 1.175° C
Thermal conductivity	---

Chemical composition:

C	1,000%	Ni	0,070%
Si	0,220%	P	0,014%
Mn	0,270%	S	0,012%
Cr	1,380%	Cu	0,140%

Packing:

- in units with 20 kgs each
- in poly-bags with cardboard cover-packing

Storage:

in dry rooms

Subject to change - All information is given in good faith but without warranty. We cannot accept responsibility or liability for any damage, resulting from the use of this information