

100Cr6

W.Nr. 1.3505

General size range Ø 16 – 140 mm

Chemical composition	C=0,95-1,05	Si=0,15-0,35	Mn=0,25-0,45	P=max.0,030	S=0,020-0,035
	Cr=1,35-1,65	Mo=max.0,08	Al=0,010-0,050	Cu=max.0,30	Ni=max.0,25

acc. to Bosch Norm N28 5 178/ 08-01

Grade equivalents
Similar grades

353A99 BS	GCr15 GB	100Cr6 AFNOR	SUJ2 JIS	14109 CSN
52100 SAE	100Cr6 UNI	2258 SS	SchCh15 GOST	

Hot rolled Ø 16–140 mm

Tolerances	EN 10060			
Lengths	6 m +200/-0 mm or 3 – 6 m or specific lengths			
Heat treatment	+A BN N28 or +AC BN N28 or +A DIN 27230 or +AC DIN 17230			
Surface defects	EN 10221/B or max. 1,5% or specific value			
US test	SEP 1921 3C/c			

Peeled Ø 16–100 mm

Tolerances	EN 10278 h9 or EN 10278 h11 or specific tol.			
Lengths	6 m +200/-0 mm or specific lengths			
Heat treatment	+A h9/ h11 or +AC h9/ h11			
Surface defects	max. 0,2 mm or specific depth			
US test	SEP 1921 3C/c			

Mill's test certificate

EN 10204/3.1 with all relevant data reg. chem. composition, mech. properties and results of testing

- supply range file - issued: 20.02.2009 rev. 1