

CHROME STEEL BALLS



DESCRIPTION Chrome steel balls are widely used in high speed ball bearings, valve industry, as well as, in a number of other industrial applications. Chrome steel balls have excellent surface quality, high hardness, high load bearing capacity and wear resistance, as a result of through hardening.

INTERNATIONAL EQUIVALENTS	USA	GERMANY	FRANCE	RUSSIA	CHINA	JAPAN
	52100	1.3505	100C6	9Ch1	GCr15	SUJ2

CHEMICAL COMPOSITION	C	Cr	Mn	Si	P	S
	0.93-1.10 %	1.30-1.65 %	0.20-0.45 %	0.15-0.35 %	0.03 % max.	0.025 % max.

HARDNESS + DENSITY	Hardness	Density
	60-66°HRC	7.85 g/cm ³

APPLICATIONS Ball bearings, valve industry, ball screws, automotive industry, machine tools, grinding applications

DIMENSIONS + GRADES	0.250 mm – 300 mm	Chrome steel balls are produced according to international standards such as : ISO 3290 - DIN 5401 - ABMA

Data are indicative and can not bind the responsibility of SALUC sa.

