

HIGH CARBON STEEL BALLS

AISI 1085

Balls of this material have the advantage of being through core hardened at HRC 60 min and will take higher loads and provide longer life than case hardened carbon balls.

In addition, are suitable for various industrial applications which do not need the use of higher cost chrome balls..

The most common applications include bicycle accessories, ball bearing for furniture, sliding guides, hardware and furniture fitting and conveyor rollers.



International equivalents:

ITALY	USA	GERMANY	FRANCE
C 90	1085	1.0616	XC90

Size Range:

3.175mm (1/8 ") a 15.875 mm (5/8 ")

Standard grades available:

40
100
200
500
1000

Chemical composition:

Material	C %	Mn %	Si %	P %	S %
AISI 1085	0,80 ÷ 0,93	0,70 ÷ 1,00	0,10 ÷ 0,35	≤ 0,04	≤ 0,05

Hardness:

HRC 60 minimum



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