

Bearing Steels

Bearing steels is the material used in the development of roller and ball bearing. High carbon and chromium bearing steel are widely applied in the manufacturing of pin rollers and sleeves for driving shafts, which are used in auto components. Construction machinery, combustion engines, electric locomotive, machine tools, tractors, steel rolling requirements and mining drilling and exploration equipment.

Steel Grade/Implementing Standard

GB Standard	ASTM Standard	EN Standard	JIS Standard	Customer Protocol Or Mutual Protocol
GCr15	52100	100Cr6	SUJ2	SKF3
GCr15SiMn	SAE8620	100CrMnSi6	SNM420	SKF3S
G20CrNiMo	SAE4320	20NiCrMo2		SUJ2S1
G20CrNi2Mo				100CrMnSi6-4

Specification

Round Rolling Bar Φ 10~60	Flat Rolling Product 5~50 × 44~150	Square Rolling Product □ 80~140
Flat Forging Product 20~300 × 40~400	Seamless Steel Tube Φ 51~203× 4~60	Coil Φ 5.5~34
Round Forging Product Φ 120~620	Square Forging Product □ 100~580	Bright Bar Φ 15~300