



Prakash Steel Corporation

Dealers & Stockists In : Alloys & Special Steel

Bearing Steels

The main requirement of this category of steel is good wear resistance with anti friction properties. They generally have 1% Carbon and 1.5% Cr and on hardening and tempering achieve high hardness with excellent antifriction characteristics, fatigue strength and wear resistance.

Application

Antifriction Bearings, Roller Bearings, Thrust Bearings, For Automotive, Aircraft, General Engineering, etc.

Grade	%	C	Mn	Si	Ni	Cr	Mo	S	P
SAE 52100	Min	0.98	0.25	0.15	—	1.30	—	Max.	Max.
	Max	1.10	0.45	0.30	—	1.60	—	0.015	0.02