



GB/T3077 40Cr alloy steel plate

The application of GB/T3077 40Cr alloy steel plate:

GB/T3077 40Cr alloy steel plate is widely used for a variety of applications in the used in the automotive and engineering industries for toolholders and other such components. Typical applications such as valve bodies, pumps and fittings, Shaft, the high load of wheel, bolts, double-headed bolts, gears, etc

Equivalent Of GB/T3077 40Cr alloy steel plate:

USA	Germany	China	Japan	France	England	ISO	Sweden	Spain
ASTM/AISI/UNS/SAE	DIN,WNr	GB	JIS	AFNOR	BS	ISO	SS	UNE
5140/G51400	41Cr4 / 1.7035	40Cr	SCr440	42C4	530A40 / 530M40	41Cr4	2245	

GB/T 3077 40Cr steel plate alloy steel plate Chemical composition:

C(%)	0.37~0.44	Si(%)	0.17~0.37	Mn(%)	0.50~0.80	P(%)	≤0.030
S(%)	≤0.030	Cr(%)	0.80~1.10				

GB/T 3077 40Cr alloy steel plate Mechanical Properties:

The mechanical properties of annealed GB/T 3077 40CR alloy steel are outlined in the table below:

Tensile	Yield	Bulk modulus	Shear modulus	Poisson's ratio	Izod Impact
KSI	KSI	KSI	KSI		ft.lb
76900	55800	20300	11600	0.27-0.30	84.8

GB/T3077 40Cr alloy steel plate Rolling Size we can supply:

Thickness: 3-250mm

Width: 1220-4200mm

Length: 5000-18000mm

Notes: coil thickness ≤ 25m

GB/T3077 40Cr alloy steel plate is China's standard. GB/T3077 40Cr alloy steel plate has good comprehensive mechanical properties, good low temperature impact toughness and low notch sensitivity After quenching and tempering. Katalor is the GB/T3077 40Cr alloy steel plate famous manufacturer ,we have a long story in supplying GB/T3077 40Cr alloy steel plate.

Office Address: Room 301, Unit 6, lane 2500, xiupu Road, Kangqiao Industrial Area, Pudong New District, Shanghai



Shanghai Katalor Enterprises
ONCE BELIEVE, TRUST FOREVER!

Email: info@katalor.com
Tel: 0086-21-61182423



specialized in manufacturing and exporting steel and casting product. Based on the domestic rich product resources and professional research on international market, Katalor's service has already spread many countries in Europe, America, Southeast Asia, Middle East, South America, Africa, and so on.

Contact US:

Phone: 0086-18317160019

TEL: 0086-21-61182423

Fax: 0086-21-61182425

E-mail: info@katalor.com

Skype: shanghai.katalor

Address : Room 301, Unit 6, lane 2500, xiupu Road, Kangqiao Industrial Area, Pudong New District, Shanghai

Office Address: Room 301, Unit 6, lane 2500, xiupu Road, Kangqiao Industrial Area, Pudong New District, Shanghai