

JIS SKD11 Tool Steel is a high-carbon and high-chromium alloy tool steel that is used for making long-life high-precision cold-work dies. It has good wear resistance and size ability after heat treatment. Otai special steel is JIS SKD11 tool steel china supplier and stockholders.

Related Specifications A681-1999 | Jis G4404(2000) | GB /T1299

Chemical composition

C(%)	1.40~1.60	Si(%)	≤0.40	Mn(%)	≤0.60
P(%)	≤0.030	S(%)	≤0.030	Cr(%)	11.0~13.0
Mo(%)	0.80~1.20	V(%)	0.20~0.50		

Form of Supply

SKD11 tool steel, we can supply the round bar, flat bar, plate and square block. Diameters can be sawn to your required lengths as one offs or multiple cut pieces. Rectangular pieces can be sawn from flat bar or plate to your specific sizes. Ground tool steel bar can be supplied, providing a quality precision finished bar to tight tolerances.



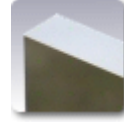
Round



sheet



Square



Plate

Applications

SKD11 Tool Steel is used in the making of knife-edge mold, scissors, circular saw blades, metal stamping mold. Used to make cold work or hot work dressing dies, sides of rollers, screw lines, lines dies, transformer core stamping dies, rolled knives, steel tube forming rollers, special molding rollers, screw heading molds, etc. Also used for blanking dies, stamping dies and pressing dies with a thickness ≤ 6mm. It can also be found in the production of various kinds of scissors, inlaid blades and thread rolling dies. It is also used to make wear-resistant slider cold heading dies, deep drawing molding dies, cold extrusion dies and in the making of thermosetting resin molding dies and common plastic dies.

Regular size and Tolerance

1) Hot Rolled round bar			
Diameter (mm)	Diameter Tolerance (mm)	Diameter (mm)	Diameter Tolerance (mm)
6.4~15.8	-0.038 ~0.038	181~<206.2	0~1.6
15.8~<77.6	0~0.10	206.2~<257	0~2.4
77.6~<103	0~0.15	257~<307.7	0~3.2
103~<181	0~0.78	≥307.7	0~4.7
2) Hot Rolled steel plate			
Thickness (mm)	Thickness Tolerance (mm)	Thickness (mm)	Thickness Tolerance (mm)
≤25.4	-0.41~0.79	>127~152	-1.60~2.39
>25.4~76	-0.79~1.19	>178~254	-1.98~3.18
>76~127	-1.19~1.60	>254~305	-2.39~3.96

Others have not specified size, pls [contact](#) our experienced sales team.

[Processing](#)

SKD11 tool steel round bar and flat sections can be cut to your required sizes. SKD11 ground steel bar can also be supplied, providing a high quality tool steel precision ground tool steel bar to your required tolerances. SKD11 tool steel is also available as Ground Flat Stock / Gauge Plate, in standard and nonstandard sizes.

Contact our experienced sales team to help you with your SKD11 tool steel questions by [email](#) or telephone. The questions will be reply in 24 hours.

OTAI SPECIAL STEEL CO., LTD

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