



## JIS G3131 SPHE steel work / steel structure / steel machining parts

SPHE steel is a kind of low carbon steel. SPHE steels are deep drawing quality hot rolled steels. SPHE steel is the main material for manufacturing SPHE steel work / steel structure / steel machining parts. SPHE steel work is widely used in auto parts, chassis, seat parts, building components, furniture etc.

If you need more information about SPHE steel structure , please see the following or contact Katalor :

SPHE steel work chemical composition :

Grade	C ≤	Si ≤	Mn ≤	P ≤	S ≤
SPHE	0.10	-	0.50	0.030	0.035

SPHE steel structure mechanical properties :

Grade	Tensile test (Longitudinal)						180°Bend test Inner diameter		Guaranteed time of property (month)
	Tensile strength (MPa)	Elongation for thickness: L0=50mm, b=25mm							
		< 1.6	1.6 ~ < 2.0	2.0 ~ < 2.5	2.5 ~ < 3.2	3.2 ~ < 4.0	≥ 4.0	< 3.2	

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SPHE	≥270	≥31	≥33	≥35	≥37	≥39	≥41	-	-	6
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### SPHE Steel Sheet Dimensional Availability

Since SPHE steel is hot rolled steel, the available sheet thicknesses is from 1.2 mm to 6 mm. The width of the material ranges from 1200 mm to 2000 mm.

Shanghai Katalor keeps more than 1000 ton SPHE steel in stock , and we have advanced precision machining equipments, according to the customer’s machining requirements, we can produce the suitable spare parts to satisfy the user requirements.

Based on SPHE steel work stock source, our advantage service spread into SPHE steel process like : cutting ( any size and any shape ) drilling, welding, milling, machining etc. We also can offer SPHE steel work heat treatment, such as annealing , normalizing , tempering , quenching and other delivery conditions based on the customer's requirements.

SPHE steel generally is used to make different kinds of cold extrusion dies, punches, cutting tools, cold-punched die, cold heading die, rolling dies and wire-drawing die.

So if you need SPHE steel structure or want to find a SPHE steel structure manufacturer and exporter, Shanghai Katalor is your best choice.



Shanghai Katalor Enterprises

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**Shanghai Katalor Enterprises Co., Ltd** located in shanghai of china, is 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.

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