



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

SPHF steel is in JIS G3131 standard, with high strength, good toughness, easy to processing molding and good weldability and other excellent properties. JIS G3131 SPHF steel work / steel structure / steel machining parts are widely used in auto parts, chassis, seat parts, building components, precision tube, furniture.

### SPHF steel work Chemical composition:

Grade	Chemical Composition (Heat Analysis) (%)					
	C	Si	Mn	P	S	Alt
SPHF	≤0.08	≤0.05	≤0.50	≤0.025	≤0.025	≥0.010

Remark: Other elements may be added on the manufacturer's option. If the steel be galvanized later, please inform us to implement a low silicon process to improve the galvanize quality.

### SPHF steel structure Mechanical Properties:

Grade	Tensile Test							Performance Guarantee Period
	Tensile strength Rm (MPa)	Elongation(%)						
		<1.6	1.6~<2.0	2.0~<2.5	2.5~<3.2	3.2~<4.0	≥4.0	
SPHF	≥270	≥37	≥38	≥39	≥39	≥40	≥42	6 months

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



SPHF steel plate Available size:

Thickness: 1.5mm--8mm

Width: 900mm--1630mm

Length: 3000mm to 15000mm

SPHF steel structure Available Specifications:

We keep more than 1000 tons SPHF steel stock , Based on these stock source , we can supply many specifications of SPHF steel structure based on the customer's requirement.

SPHF steel work Test: X-ray, UT, magnetic particle.

SPHF steel machining parts Processing service:

We have Flame Cutting Machine, Automatic / semi automatic submerged arc welding machine, Horizontal automatic welding machine, CNC Cutting Machine and so on .

We can supply Transverse cutting, longitudinal cutting, trimming, volume classification, coated film, coated paper ,profile of cutting, bending, punching, welding, removing rust service .

SPHD steel work Heat treatment:



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Annealing, Normalizing, Tempering, Quenching, other delivery conditions based on the customer's requirement

We have a high efficiency logistics team who make sure the fast delivery and shipment. Anyway, if you want to find a SPHD steel structure exporter or SPHD steel structure manufacturer, please contact us!

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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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