



EN10028-2 P295GH steel structure / steel work / steel machining parts

P295GH steel structure is normalized steel and it has excellent welding characteristics. It is used worldwide by fabricators serving the oil and gas industry and can be found in heat exchangers, weldable pressure vessels and boilers. P295GH steel structure also can be used in elevated working temperatures, so that P295GH steel structure applied in the fabrication of industrial pressure vessels and boilers.

P295GH Steel Structure Chemical Composition

Steel Grade		Chemical Composition %														
Steel name	Steel number	C	Si	Mn	P ≤	S ≤	Al total	N	Cr	Cu	Mo	Nb	Ni	Ti ≤	V	other
P295GH	1.0481	0.08-0.20	≤0.040	0.90-1.50	0.015	0.015	≥0.02	≤0.012	≤0.30	≤0.30	≤0.08	≤0.020	≤0.030	0.002	≤0.02	Cr + Cu + Mo + Ni ≤0.70

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



P295GH Steel Work Mechanical Properties (for transverse specimens)

Steel grade		General delivery conditions	Steel Thickness t mm	Room Temperature Tensile			Impact energy KV , J		
				Yield strength ReH MPa min	Tensile strength MPa	Elongation A %	Min The following temperature (°C)		
Steel name	Steel number						- 20	0	+ 20
P295GH	1.0481	+N	≤16	295	460 ~ 580	21	27	34	40
			16 < t ≤ 40	290					
			40 < t ≤ 60	285					
			60 < t ≤ 100	260					
			100 < t ≤ 150	235	440 ~ 570				
			150 < t ≤ 250	220	430 ~ 570				

P295GH steel machining parts Condition of Delivery: Impact Test/ Normalized / Quenched / Quenched/ HIC/ Ultrasonic Test etc.

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Shanghai Katalor Enterprises

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P295GH steel work Processing equipment: Long straight flame cutting machine, Semi-automatic cutting machine, H beam flange straightening machine, H beam assembling machine, AC and DC welding machine, End Milling Machine etc.

P295GH steel structure Testing equipment: Axial force tester, torque tester, Ray detection machine, Ultrasonic flaw detector, Universal testing machine etc.

Shanghai Katalor Enterprises, as the P295GH steel structure Manufacturer, can supply P295GH steel work. We also can provide P295GH steel machining parts machining services, so if you need P295GH steel stock or machining parts, you can also contact Katalor!

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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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