



DIN 17155 HI / HII steel work / steel structure / steel machining parts

Katalor Enterprise is a professional steel product exporter located in Shanghai China. We are a large-scale steel stockist and deep-processing enterprise; we keep science and technology as the impetus to developing our company. Our annual production capability is 3,000,000 tons. We are specialized in producing and exporting HI / HII steel work etc. HI / HII steel work are in DIN 17155 standard. Their steel number is 1.0345 and 1.0425 which are mainly used for boilers and pressure vessels with elevated temperatures.

HI / HII Steel Machining Parts Chemical Composition

Steel Grade		HI / HII steel machining parts Chemical composition												
Steel name	Steel number	C	Si	Mn	P	S	Al	Cr	Cu	Mo	Nb	Ni	Ti	V
HI	1.0345	≤0.16	≤0.35	0.40 to 1.20	0.035	0.030	≥0.020	≤0.25	0.30	≤0.10	0.01	0.30	0.03	0.03
HII	1.0425	≤0.20	≤0.35	0.50	0.035	0.030	≥0.020	≤0.25	0.30	≤0.10	0.01	0.30	0.03	0.03

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



				to														
				1.3														
				0														

HI / HII steel structure mechanical properties

steel grade		Upper yield point ReH					tensile strength Rm For product thicknesses in mm			Elongation at break (L=5d00)		Impact strength (ISO-V transverse specimens) Average of three samples			
Steel name	Steel number	≤16	>16	>40	>60	>100	≤60	>60	>100	≤60	>60	≤60	>60	≤60	>60
		to	to	to	to	to	to	to	to	to	to	to	to	to	
		≤40	≤60	≤100	≤150	≤60	≤100	≤150	≤60	≤100	≤60	≤100	≤150	≤100	≤150
		N/mm2 min					N/mm2			%		at 0 °C		at 20 °C	
										min		J min		J min	
HI	1.0345	235	225	215	200	185	360	360	350	24	23	31	31	-	-
							to	to	to						



							48	48	48						
							0	0	0						
HII	1.0	26	25	24	21	20	41	41	40	22	21	31	31	-	-
	42	5	5	5	5	0	0	0	0						
	5						to	to	to						
							53	53	53						
							0	0	0						

HI / HII steel machining parts processing: cutting, drilling, bending, beveling, welding

HI / HII steel structure Testing equipment: Ray detection machine, Ultrasonic flaw detector, Universal testing machine, Axial force tester, Torque tester etc.

HI / HII steel work Trading terms: FOB, CNF, CIF and other trading terms.

As the professional Chinese DIN 17155 HI / HII steel work supplier, Katalor will supply you the HI / HII steel structure with good quality and complete after-sale service and the reasonable price. We committed to exceed customer’s expectation on the basis of quality, price, and delivery. We sincerely hope to establish long-term cooperation with you on the basis of mutual benefit, reciprocity and common development. So if you need any help, please be free to contact us. We will give you the best quote of HI / HII steel spare parts.

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



Shanghai Katalor Enterprises Co., Ltd located in Shanghai of China, is specialized in manufacturing and exporting steel and casting products. Based on the domestic rich product resources and professional research on the international market, Katalor's service has already spread to 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