

ONCE BELIEVE, TRUST FOREVER!

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.

Steel Grade		HI / HII steel machining parts Chemical composition												
Steel	Steel number	С	Si	Mn	Ρ	S	Al	Cr	Cu	Мо	Nb	Ni	Ti	v
name					ma	ma			ma		ma	ma	ma	ma
					x	x			x		x	x	x	x
HI	1.0345	≤0.1	≤0.3	0.4	0.0	0.0	≥0.0	≤0.2	0.3	≤0.1	0.0	0.3	0.0	0.0
		6	5	0	35	30	20	5	0	0	1	0	3	3
				to										
				1.2										
				0										
HII	1.0425	≤	≤0.3	0.5	0.0	0.0	≥0.0	≤0.2	0.3	≤0.1	0.0	0.3	0.0	0.0
		0.20	5	0	35	30	20	5	0	0	1	0	3	3

HI / HII Steel Machining Parts Chemical Composition

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to		
1.3		
0		

HI / HII steel structure mechanical properties

stee grad		Upper yield point ReH						tensile strength Rm			Elongati on at		Impact strength (ISO-V transverse			
Ste el na	Ste el nu			For product thicknesses in mm			break (L=5d00)		specimens) Average of three samples							
me	mb er	≤1 >1 >4 >6 >1 6 6 0 0 00 to to to to to ≤4 ≤6 ≤1 ≤1 0 0 00 50 N/mm2 min 1 1					 ≤6 >6 >1 0 0 00 to to ≤1 ≤1 00 50 N/mm2 			≤6 0 % min	 >6 0 to ≤1 50 	≤6 0 at 0 J min	>6 0 ≤1 50 °C	≤6 0 at 20 J min	<pre>>6 0 to ≤1 50) °C</pre>	
HI	1.0 34 5	23 5	22 5	21 5	20 0	18 5	36 0 to	36 0 to	35 0 to	24	23	31	31	-	-	

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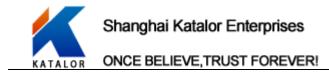
							48 0	48 0	48 0						
HII	1.0	26	25	24	21	20	41	41	40	22	21	31	31	-	-
	42	5	5	5	5	0	0	0	0						
	5						to	to	to						
							53	53	53						
							0	0	0						

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.



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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'service has already spread many countries in Europe , America, Southeast Asia, Middle East, South America, Africa, and so on.

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