



## SHANGHAI KATALOR ENTERPRISES CO., LTD.

Tel:0086-21-61182423    Website:www.katalor.com

### EN10025 S235 JR/J0/J2 Channel steel

Katalor offer these EN10025 S235JR/J0/J2 Channel steel completely according to steel standard EN10025. The thickness tolerance, heat treatment and steel marks on Channel steel EN10025 S235 shall conform to this standard requested.

#### S235JR/J0/J2 Chemical Requirements:

Material	C% max			Si %	Mn %	P %	S %	N %	Cu %	Other %
	≤16	>16,≤40	>40	max	max	max	max	max	max	max
S235JR	0.19	0.19	0.23	-	1.50	0.045	0.045	0.014	0.60	-
S235J0	0.19	0.19	0.19	-	1.50	0.040	0.040	0.014	0.60	-
S235J2	0.19	0.19	0.19	-	1.50	0.035	0.035	-	0.60	-

#### S235JR/J0/J2 Mechanical Properties :

Material	Tensile strength M pa				
	Normal thickness mm				
	≤3	>3,≤100	>100,≤150	>150,≤250	>250,≤400
S235JR	360-510	360-510	350-500	340-490	-
S235J0	360-510	360-510	350-500	340-490	-
S235J2	360-510	360-510	350-500	340-490	330-480

Material	Minimum yield strength M pa								
	Normal thickness mm								
	≤16	>16,≤40	>40,≤63	>63,≤80	>80,≤100	>100,≤150	>150,≤200	>200,≤250	>250,≤400
S235JR	235	225	215	215	215	195	185	175	
S235J0	235	225	215	215	215	195	185	175	
S235J2	235	225	215	215	215	195	185	175	165

Shanghai Katalor Enterprises Co., Ltd  
 REGISTERED ADDRESS: FLOOR 1,BUILDING NO.1, NO.221 OF HUASHEN ROAD,PILOT FREE TRADE ZONE OF PUDONG NEW DISTRICT,SHANGHAI,CHINA

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Material	Minimum percentage elongation after fracture M pa %										
	L0=80mm Normal thickness mm					L0=5.65 √ S0 mm Normal thickness mm					
	≤1	>1,≤0.5	>1.5,≤2	>2,≤2.5	>2.5,≤3	≥3,≤40	>40,≤63	>63,≤100	>100,≤150	>150,≤250	>250,≤400
S235JR	17	18	19	20	21	26	25	24	22	21	
S235J0	16	17	18	19	20	25	24	23			
S235J2	15	16	17	18	19	24	23	22			21 (I and t)

Material	Minimum energy (J) Normal thickness mm			
	Temperature	≤150	>150,≤250	>250,≤400
	S235JR	20	27	27
S235J0	0	27	27	—
S235J2	-20	27	27	27

**EN10025 S235JR/J0/J2 Channel steel typical Applications:**

EN10025 S235JR/J0/J2 Channel steel is used for general structural purposes, for use in riveted, bolted, or welded construction of buildings, bridges, machinery, etc. It can also be used for booms, rails, braces, frames, brackets, cross-members, liners, truck trailers, truck beds, racks, etc.

**EN10025 S235JR/J0/J2 Channel steel specifications:75x40--200x90(mm)**

We are not only EN10025 S235JR/J0/J2 Channel steel manufacturer in China, but also professional S235JR/J0/J2 Channel steel suppliers and distributor. Please contact us if you need S235JR/J0/J2 Channel steel price and application.