



### JIS G3106 SM400A/B/C channel steel

JIS G3106 SM400 Carbon structural channel steel is Under Japanese steel standard. JIS G3106 SM400 has three different grades, such as SM400A, SM400B and SM400C.

JIS G3106 SM400 Carbon structural channel steel is used for a wide range of industrial applications, including truck and trailer frame supports, equipment and machinery frames and supports, building frames and other support components.

#### JIS G3106 SM400 A/B/C channel steel chemical composition:

Grade	Thickness mm	C ≤	Si ≤	Mn ≤	P ≤	S ≤
SM400A	≤50	0.23	-	≥2.5xC	0.035	0.035
	50~200	0.25	-	-	-	-
SM400B	≤50	0.20	0.35	0.60~1.40	0.035	0.035
	50~200	0.22	-	-	-	-
SM400C	≤100	0.108	0.35	1.40	0.035	0.035

#### JIS G3106 SM400 A/B/C channel steel mechanical properties :

Grade	Tensile test (transverse)						V notch impact test		
	Upper yield strength MPa		Tensile strength MPa	Elongation%			180° Bend test b≥35mm Inner diameter	Temperature °C	Energy J
				L=50	L=200				
	Nominal thickness mm			b=25	b=40				
≤16	>16	≤5	>5~16	>16					
SM400A	≥245	≥235	400~510	≥23	≥18	≥22	2a	-	-
SM400B	≥245	≥235	400~510	≥23	≥18	≥22	2a	0	≥27
SM400C	≥245	≥235	400~510	≥23	≥18	≥22	2a	0	≥47

shanghai katalor have Professional in steel knowledge for JIS G3106 SM400 A/B/C channel steel and we can accepting customers' small and large orders, as we have



## **SHANGHAI KATALOR ENTERPRISES CO., LTD.**

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closest relationships with China stated-owned steel mills for guarantee delivery time and even delivery in advance. If you need any size of JIS G3106 SM400 A/B/C channel steel, please contact us by email [info@katalor.com](mailto:info@katalor.com), we will reply you as soon as possible.

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