



EN10025-5 S355J0W/S355J2W/S355K2W steel work / steel structure/ steel machining parts

EN10025-5 S355J0W/S355J2W/S355K2W steel work/steel structure/steel machining

parts use in welded, bolted and riveted components which shall have enhanced resistance to atmospheric corrosion, for service at ambient temperatures.

S mean S355J0W grade could be used in structural steel projects, 355 is the min yield strength. J0, J2 and K2 standard for the impact degree and energy in 0, -20 temperature.

W means that the mainly different in their carbon and phosphorus contents and weather resistant availability.

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parts chemical composition max

	C	Si	Mn	P	S	N	Cr	Cu
S355J0W	0.19	0.55	0.45-1.60	0.040	0.040	0.010	0.35-0.85	0.20-0.60
S355J2W	0.19	0.55	0.45-1.60	0.035	0.035	---	0.35-0.85	0.20-0.60
S355K2W	0.19	0.55	0.45-1.60	0.035	0.035	---	0.35-0.85	0.20-0.60

EN10025-5 S355J0W/S355J2W/S355K2W steel mechanical properties

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	Minimum yield strength R _{eH} mpa						Tensile strength R _m mpa		
	Nominal thickness mm						Nominal thickness mm		
S355J0W/S355J2W/S355K2W	Under 16	16 to 40	40 to 63	63 to 80	80 to 100	100 to 150	Under 3	3 to 100	100 to 150
S355J2W/S355K2W	355	345	335	325	315	295	510-680	470-630	450-600

EN10025-5 S355J0W/S355J2W/S355K2W steel
work/steel structure/steel machining

parts machining service: CNC flame cutting, plasma cutting, laser cutting, drilling, milling, turning, bending, welding.

EN10025-5 S355J0W/S355J2W/S355K2W steel
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parts dimension tolerance: as drawing request.

EN10025-5 S355J0W/S355J2W/S355K2W Steel work / steel
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parts testing equipment:

Calipers, pressure sensors, magnetic particle inspection machine, digital ultrasonic flaw detector, hydraulic universal testing machine, digital thickness gauge etc.

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Shanghai katalor enterprises co.,ltd is a big complex combined steel stockist whose business related with trade,processing,storage and transportation etc,we have many EN10025-5 S355J0W/S355J2W/S355K2W steel material in stock,furthermore,we can supply all kinds of steel work/steel structure/steel machining parts.If you need

EN10025-5 S355J0W/S355J2W/S355K2W steel work/steel structure/
steel machining

parts,please contact us!

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