

Corten Steel A Plate

EQUIVALENT GRADE

High Tensile Steel Plate	Steel Grade				Material No.
	TKS Standard	EN Standard	ASTM Standard	ASTM Standard	
	CORTEN A	S355JOW	ASTM 588 GRADE A	ASTM A 242 TYPE 2	

SPECIFICATION

Thickness	0.8 mm to 50mm
Width	750mm to 1500mm
Length	upto 12,000mm

CHEMICAL COMPOSITION

Grade	%C	%Si	%Mn	%P	%S	%Cr	%Cu	%V	%Ni
CORTEN A	0.12	0.25-0.75	0.20-0.50	0.07-0.15	0.030	0.50-1.25	0.25-0.55	0.65

MECHANICAL PROPERTIES

Grade	Minimum yield point ReH Mpa *)	Tensile strength Rm MPa	Minimum elongation A (Lo=5.65 \So) %
CORTEN A	355	470-630	20

Plate Size available Ex-Stock

1mm	2mm	3mm	4mm	6mm	8mm	10mm	12mm	14mm	16mm	20mm	25mm	30mm	32mm	36mm	40mm
45mm	50mm	63mm	70mm	72mm	75mm	80mm	90mm	100mm	110mm	130mm	150mm	170mm	180mm	200mm	
230mm	270mm	300mm													

Makes/Brands Available: SAIL, TATA, JSW, JSPL, Essar, POSCO, Uttam

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