

[DIN 17102 W St E 460 steel plate/sheet](#) for High Yield Steel

Key words: [W S E 460 steel plate/sheet](#), DIN 17102 W St E 460 steel plate/sheet, W St E 460 steel plate/sheet supplier/Chinese supplier, W St E 460 steel plate/sheet price, W St E 460 steel plate/sheet mechanical property.

DIN 17102 W St E 460 steel equivalent grade:

W St E 460 steel plate/sheet is in DIN 17102 standard, the equivalent grade of W St E 460 steel is NFA 36201 E 460 FP.

[DIN 17102 W St E 460 steel chemical composition](#) %:

Main chemical composition in DIN 17102 W St E 460 steel is carbon max 0.20, silicon max 0.6, manganese max 1.70, phosphorus max 0.025, Sulphur max 0.015. More detailed information about W St E 460 steel, please refer to the down table:

Element	P460NH Max %	Element	P460NH max %
C	0.20	Cr	0.30
Si	0.60	Cu	0.70
Mn	1.10-1.70	Mo	0.10
P	0.025	Nb	0.05
S	0.015	Ni	0.80
AL	0.020	Ti	0.03
N	0.025	V	0.20

[DIN 17102 W St E 460 steel](#) mechanical property:

W St E 460 steel plate is one of the mainly High Yield steel, Steel sheet W St E 460 shall be at minus 20 centi degree on transverse at minimum 30 J impacting energy.

Grade	Type	Thickness (mm)	Yield Strength MPa (min)	Tensile Strength MPa	Elongation % (min)	Impact Energy (KV J) (min) -20 degree
P460NH	Normalized	≤ 16	460	570-720	17	30
		16> to ≤40	445	570-720	17	30
		40> to ≤60	430	570-720	17	30
		60> to ≤100	400	540-710	17	30
		100> to ≤150	400	540-710	17	30
		150> to ≤250	400	540-710	17	30

ICE steel is the professional Chinese steel exporter, especially in fin-grain structural steel. We keep 10000 tons ex-stock in our warehouse, and the MTC and sample of DIN 17102 W St E 460 steel are available, so if need, welcome to contact ICE steel sales team.

Ice steel — The most professional exporter on weathering resistant steel

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