

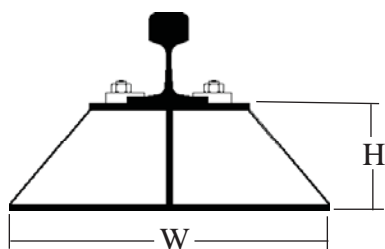
# RAIL BEAMS



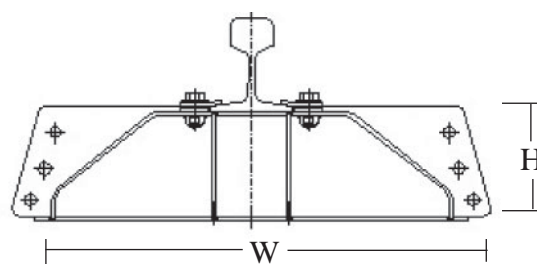
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Type TN 150



Type TN 406



Type	Corner pressure kN	Wheel pressure tons	Beam dimensions W x H x L meter	Weight with Rail UIC60 kg	Weight with Rail S54 kg	Area / wheel m	Number of wheels
TN150	1150	50	0.6 x 0,2 x 6,0	945	910	0.6 x 0.8	2-4
TN406	1500	75	0.8 x 0,2 x 6,0	956	923	0.8 x 0.8	2-4

The RAIL BEAM is designed for cranes on rails, and replace the concrete sleepers. The RAIL BEAM is placed on base course aggregates or compreable base which is able to absorb the the load from the crane. The base must be free of cavities. The RAIL BEAM'S are produced in lengts of 6 meter and are connected internal with bolts. The rail beam is a welded steel construction and no maintenance is needed. For distribution of the bogie pressure the RAIL BEAM has a 50% bigger area compared to traditional sleepers. The rail beam is calculated for a seperate wheel pressure on 750 kN (75 tons). The rail beam is calculated according to EN-norm by Rambøll Denmark A/S.