

Structures & Building & Construction & Manufacturing Components & Supplies-UNSPSC: 30

Major Product category :Structural materials & basic shapes - UNSPSC Code 3010

Sub Category : Plates- UNSPSC Code 301022

STEEL CHEQUERED PLATES as per IS 3502 (STEEL PLATES) : UNSPSC Code - 30102204 -03

S no	Parameters		Value 1	Value2	Value 3	Value 4	Value 5	Value 6	value 7	Unit	Remarks
Generic											
1	MILD STEEL CHEQUERED PLATES specification	Ch	STEEL CHEQUERED PLATES conforming to IS:3502 latest								G
Constructional											
1	Standard Nominal Dimensions and Mass of Sheet		in compliance to IS 1730								M
2	Nominal Thickness of Plate	N	5.00	6.00	7.00	8.00	10.00	12.00	14.00	mm	G
			16.00	18.00	20.00	22.00	25.00	28.00	32.00		
			36.00	40.00	45.00	50.00	56.00	63.00			
3	Nominal Length of Plate	N	2200	2500	2800	3200	3600	4000	4500	mm	G
			5000	5600	6300	7100	8000	9000	10000		
			11000	12500	13500						
4	Nominal Width of Plate	N	900	950	1000	1100	1200	1250	1400	mm	G
			1500	1600	1800	2000	2200	2500			
5	Minimum bead height of Chequered Plate		0.8mm							mm	
6	Patern of Chequered Plates	Ch								TBD	M
7	Supply Condition	Ch	with mill edges			flattened and sheared edges					F
Performance											
1	M S Chequered Plate Material	Ch	steel (base material) for chequered plates shall conform to the requirements of Grade E 250A of IS 2062					Other base material			F
2	Details of other base material (write NA if not applicable)	Ch								TBD	M
3	FREEDOM FROM DEFECTS	Ch	Finished material shall be free from harmful surface defects, such as cracks, surface flaws, imperfect edges, etc								M

4	Marking	Ch	<p>The top plate of each pile of chequered plates shall be legibly marked with the following details:</p> <p>a) Manufacture's name or trade-mark, b) Cast number or identification mark by which the steel can be traced to the cast from which it has been made, and c) Steel designation</p>	top sheet or strips in each bundle shall be legibly marked with the cast number, name of the manufacturer or trade-mark		F
5	Nominal Mass per Running Metre of Chequered Steel plate	N			Kg/meter	M
6	The mass of Chequered steel plate shall be calculated on the basis that steel weighs 7.85 g/cm ²	Ch	yes			M
Certifications						
1	BIS Marking to IS 3502 latest	Ch	Yes			F
2	BIS CM/L No.(write NA for non ISI marked)	Ch				M
3	Availability of Test Report from Central Govt./NABL/ILAC accredited lab to prove confirmity of product for declared parameters as per IS:3502 With Latest amendment	Ch	Yes			M

4	Test Report No & Date	Ch			M
5	Test Report to be furnished to the buyer on demand	Ch	yes		M