

RST 37.2 Plates, Angles, Channel

Sr. No.	Description	Qty.(Nos.)	Wt. Kg (Approx)	Material
1	Plate 6 x 1500 x 12000 mm	1	847.8	RST 37.2 As per attached specification No. HC114-SS001-MS- 01/326 (Annexure – C)
2	Plate 8 x 1500 x 12000 mm	6	6782.4	
3	Plate 10 x 1500 x 12000 mm	6	8478	
4	Plate 12 x 2000 x 12000 mm	3	6782.4	
5	Plate 16 x 2000 x 12000 mm	1	3014.4	
6	Plate 18 x 1500 x 6000 mm	1	1271.7	
7	Plate 20 x 2000 x 12000 mm	10	37680	
8	Plate 30 x 2000 x 12000 mm	12	67824	
9	Plate 40 x 1500 x 6000 mm	3	8478	
10	Angle 50 x 50 x 5 mm, L=12000 mm	24	1079.352	
11	Angle 63 x 63 x 5 mm, L= 12000 mm	4	229.1256	
12	Angle 70 x 70 x 5 mm, L= 12000 mm	1	63.909	
13	Angle 63 x 63 x 5 mm, L=12000 mm	8	545.3568	
14	Angle 70 x 70 x 6 mm, L= 12000mm	30	2283.6816	
15	Angle 75 x 75 x 6mm, L=12000 mm	37	3026.73024	
16	Angle 90 x 56 x 6mm, L=12000mm	11	874.8432	
17	Angle 80 x 80 x 8mm, L=12000 mm	4	460.52352	
18	Angle 90 x 90mm x 8mm, L=12000 mm	8	1042.23744	
19	Angle 100 x 80mm x 8 mm, L=12000mm	4	521.11872	
20	Angle 100 x 100 x 8mm L=12000 mm	11	1599.71328	
21	Angle 125 x 125 x 8mm, L=12000 mm	2	366.60096	
22	Angle 125 x 80 x 10mm, L=12000 mm	4	738.504	
23	Angle 90 x 90 x 10mm, L=12000 mm	1	160.956	
24	Angle 100 x 100 x10mm, L=12000 mm	1	179.892	
25	Angle 140 x 90 x 10mm, L=12000 mm	6	1249.776	
26	Angle 180 x 110 x 10mm, L=12000 mm	4	530.208	
27	Angle 125 x 125 x 10mm, L=12000 mm	16	3635.712	
28	Angle 125 x 125 x 12mm, L=12000 mm	126	34071.1661	
29	Angle 160 x 100 x 12 mm, L=12000 mm	2	563.53536	
30	Angle 180 x 110 x 12 mm, L=12000 mm	3	947.55744	
31	Angle 180 x 180 x 12 mm, L=12000 mm	3	1186.15104	
32	Angle 200 x 125 x 12 mm, L=12000 mm	2	711.23616	
33	Angle 200 x 200 x 14 mm, L=12000 mm	15	7674.7608	
34	Angle 200 x 200 x 24mm, L=12000 mm	3	2563.17696	
35	C-Channel 10(100x48x5.3mm), L=12000 mm	15	1800	

Note:

Total weight = 209264.524

Please submit check list (**Annexure-B**) along with your quotation after encircling either “Yes” or “No”

Annexure – B

Check List

- | | | |
|---|------------------------------|-----------------------------|
| 1- MTC/ CMTRS having chemical & Mechanical properties will be provided along with supply. | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 2- Manufacturer Name / logo, heat number, Material Grade and size will be marked/ stenciled on each item. | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 3- Items should be new, straight dent free & free from defects. | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 4- Items will be tested at our works, if required. | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 5- Rates to be quoted per kg. | <input type="checkbox"/> Yes | <input type="checkbox"/> No |

Note:

Please submit check list along with your quotation, after encircling either “Yes” or “No”.

Material Specification	No. HC114-SS001-MS-04/326 Date: 27.03.2017 Rec No 0 Page 1 of 1			
Product: Structural Steel Plates (Thickness 6~60, mm/ shapes (Channel, Angles) Material : RST 37.2 Condition: Plates and sections must be straight and free section and ends must be cut to normal produced by shearing. Technical Requirement: The material should meet the quality as per EN 10025:2004 Chemical Composition: As per table below:				
Grade	C	P	S	N
RST 37.2	0.17 (Max)	0.05 (Max)	0.05 (Max)	0.009 (Max)
Mechanical Properties: As per table below:				
Grade	Tensile Strength MPa	Yield Strength MPa (Min)	Elongation in Min.%	
RST 37.2	340 to 470	225	26	
Certificate Material Test Report: <ul style="list-style-type: none">• Mechanical test report for each lot of plates/shapes.• Chemical analyses report for each lot of plates from a specific heat.				
Quality: <p>The furnished plates/shapes shall be free from injurious defects and shall have workman like finished, No repair welding is allowed.</p>				
Marking: <p>The name of brand of manufacture heat and slab number and grade shall be legible steel die stamped/ stenciled on each finished plate.</p>				
Certification: <p>Manufacture’s certificate showing that plates/shapes have been made to the requirements as mentioned above as given in the relevant section DIN/EN standard shall be submitted. Certificates shall be traceable to supplied plates/shapes.</p>				
Note: <p>All certificates must be in English Language.</p>				