Engineering Information

Rolled Steel Dimensions

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	ROLLED STEEL DIMENSIONS						
Designation	Size A x B mm x mm	Thick- ness t	Section al area a mm ²	Weight per metre w kg.	Moduli of Section Zxx = Zyy cm ³ cm ³		
ISA 3020	30 x 20	0.8 6.77	0.8 1.41	207 1.17	0.6	0.3	
7.3	id I	8 4.0	0.8 1.84	1.4	0.8	0.4	
3 95	.8	88.0 5.0	0 8 2.25	1.8	1.0	0.4	
ISA 4025	40 x 25	3.0	1.88	1.5	1.1	0.5	
7.1	i.e	4.0	2.46	1.9	1.4	0.6	
378 3330	30 30	5.0	3.02	2.4	1.8	0.7	
11.0	19	6.0	3.56	2.8	2.1	0.9	
ISA 4530	45 x 30	3.0	2.58	1.7	1.4	0.7	
126.0	000000	4.0	2.68	2.2	1.9	0.9	
15.5		5.0	3.52	2.8	2.3	1.1	
183	12	6.0	0 4.16	3.3	2.7	1.3	
ISA 5030	50 x 30	74.013.0	2.34	1.8	1.7	0.7	
16.0	10.	0.4.3.79	0.8 3.07	2.4	2.3	0.9	
19.8	18.	5.0	3.78	3.0	2.8	1.1	
23.3	15.	6.0	4.47	3.5	3.4	1.3	
ISA 6040	60 x 40	5.0	4.76	3.7	4.2	2.0	
24.7	TSI I	6.0	5.65	4.4	5.0	2.3	
29.2	121	8.0	7.37	5.8	6.5	3.0	
ISA 6545	65 x 45	5.0	5.26	4.1	5.0	2.5	
35.7	At Wall	6.0	6.25	4.9	5.9	3.0	
43.7	101	8.0	0 8.17	6.4	7.7	3.9	
ISA 8 7045	70 x 45	18.085.0	0 8 5.52	4.3	5.7	2.5	
42/721	181 184 18.	0.6.0	0.8 6.56	081 5.2	6.8	3.0	
50.7	191	8.0	8.58	6.7	8.9	3.9	
62.3	23.4	10.0	10.52	8.3	10.9	4.8	
ISA 7550	75 x 50	5.0	6.02	4.7	6.7	3.2	
ISA 6040 ISA 7045 ISA 7550	9.22	6.0	7.16	5.6	8.0	3.8	
83.5	100	8.0	9.38	7.4	10.4	4.9	
0.001	0.00	10.0	10.52	9.0	12.7	6.0	
ISA 8050	80 x 50	5.0	6.27	4.9	7.5	3.2	
224.4	45.4	6.0	7.49	5.9	9.0	3.8	
6.17.1	54.0	8.0	9.78	7.7	11.7	4.9	
159.0	73.5	08.810.0	0.312.2	9.4	14.4	6.0	

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Engineering Information

UNEQUAL ANGLES AND PROPERTIES Size Thick- Section Weight Moduli of											
Designation		Size	Thick-	Section	Weight						
		AxB	ness t mm	al area a mm²	per metre w kg.	Section $Zxx = Zyy$ $cm^3 cm^3$					
		mm x mm									
						cm cm					
ISA	9060	90 x 60	6.0	8.65	6.8	11.5	5.5				
		00-120		11.37	8.9	15.1	7.2				
		115	10.0	14.01	11.0	18.6	8.8				
		Douglean	12.0	16.57	13.0	22.0	1.03				
ISA	10065	100 x 65	6.0	9.55	7.5	14.2	6.4				
		120 tsW	8.0	12.57	9.9	18.7	8.5				
		Cist 08 -	10.0	15.51	12.2	23.1	10.4				
ISA	10075	100 x 75	6.0	10.14	8.0	14.4	8.5				
		Basself I Gna041	8.0	13.36	10.5	19.1	11.2				
	237	Grand&I	10.0	16.50	13.0	23.6	13.8				
		Kan/081	12.0	19.56	15.4	27.9	16.3				
ISA 1	12575	125 x 75	6.0	11.66	9.2	22.2	8.7				
		Mariae	8.0	15.38	12.1	29.4	11.5				
		Quadit	10.0	19.02	14.9	36.3	14.2				
ISA	12595	125 x 95	6.0	12.86	10.1	23.1	14.0				
		Dry 1058b4	8.0	16.98	13.3	30.6	18.5				
		Grad@EAst	10.0	21.02	16.5	37.8	22.9				
		Litariae ruel	12.0	24.98	19.6	44.8	27.1				
ISA	15075	150 x 75	8.0	17.42	13.7	41.7	11.8				
		Srand01v0P	10.0	21.56	16.9	51.6	14.5				
		00-115	12.0	25.62	20.1	61.2	17.1				
	150115	150 x 115	8.0	20.58	16.2	44.2	27.2				
		Deal pegas	10.0	25.52	20.0	54.9	33.8				
		ah/200000	12.0	30.88	23.5	65.3	40.2				
		8780	15.0	37.52	29.5	80.4	49.2				
ISA	200100	200 x 100	10.0	29.03	22.8	92.8	26.2				
1300 Til 1000 Til 100		13-481	12.0	34.59	27.2	110.6	31.1				
		480	15.0	42.78	33.6	136.5	38.3				
ISA	200150	200 x 150	10.0	34.00	16.7	98.3	58.7				
		100 - 90 mg 1	12.0	40.56	31.8	117.4	69.39				
		A ALIAN	15.0	50.25	39.4	145.4	86.0				
		Condidate	18.0	59.7	46.9	172.5	10.8				

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