



Production Range for Heat-treated and Hot-finished Hollow Sections

Production Range for Full Body
Heat-treated and Hot-finished
Square Hollow Sections

Production Range for Full Body
Heat-treated and Hot-finished
Rectangular Hollow Sections

Production Range for Weld
Seam and HAZ Heat-treated
and Hot-finished Square
Hollow Sections

Production Range for Weld
Seam and HAZ Heat-treated and
Hot-finished Rectangular Hollow
Sections

Production Range for Full Body Heat-treated and Hot-finished Square Hollow Sections

Outside Diameter (mm)			Wall Thickness (mm)									
			2,0	2,5	3,0	3,5	4,0	4,5	5,0	6,0	8,0	10,0
			Mass Per Unit Length (kg/m)									
40	X	40	2,35	2,89	3,41	3,91	4,39	-	-	-	-	-
45	X	45	2,67	3,28	3,88	-	-	-	-	-	-	-
50	X	50	2,98	3,68	4,35	5,01	5,64	6,26	6,85	-	-	-
60	X	60	3,61	4,46	5,29	6,11	6,90	7,67	8,42	9,87	-	-
70	X	70	4,24	5,25	6,24	7,21	8,15	9,08	9,99	11,75	-	-
75	X	75	4,55	5,64	6,71	7,75	8,78	9,79	10,78	12,70	-	-
80	X	80	4,86	6,03	7,18	8,30	9,41	10,50	11,56	13,64	17,55	-
90	X	90	5,49	6,82	8,12	9,40	10,67	11,91	13,13	15,52	20,06	24,28
100	X	100	6,12	7,60	9,06	10,50	11,92	13,32	14,70	17,41	22,57	27,42
120	X	120	-	9,17	10,95	12,70	14,43	16,15	17,84	21,17	27,60	33,70
125	X	125	-	9,56	11,42	13,25	15,06	16,86	18,63	22,12	-	-
140	X	140	-	-	12,83	14,90	16,95	18,98	20,98	24,94	32,62	39,98
150	X	150	-	-	13,77	16,00	18,20	20,39	22,55	26,83	35,13	43,12
160	X	160	-	-	-	-	19,46	21,80	24,12	28,71	37,64	46,26
180	X	180	-	-	-	-	21,97	24,63	27,26	32,48	42,67	52,54
200	X	200	-	-	-	-	24,48	27,45	30,40	36,25	47,69	58,82
250	X	250	-	-	-	-	-	-	38,25	45,67	60,25	74,52

Length Range

4,0 - 9,0 m

4,0 - 10,0 m

4,0 - 12,2 m

4,5 - 13,0 m

4,5 - 14,0 m

5,0 - 14,0 m



Production Range for Full Body Heat-treated and Hot-finished Rectangular Hollow Sections

Outside Diameter (mm)			Wall Thickness (mm)									
			2,0	2,5	3,0	3,5	4,0	4,5	5,0	6,0	8,0	10,0
			Mass Per Unit Length (kg/m)									
40	X	30	2,04	2,50	2,94	-	-	-	-	-	-	-
50	X	20	2,04	2,50	2,94	-	-	-	-	-	-	-
50	X	25	2,20	2,69	3,17	-	-	-	-	-	-	-
50	X	30	2,35	2,89	3,41	3,91	4,39	-	-	-	-	-
50	X	40	2,67	3,28	3,88	-	-	-	-	-	-	-
60	X	20	2,35	2,89	3,41	-	-	-	-	-	-	-
60	X	30	2,67	3,28	3,88	-	-	-	-	-	-	-
60	X	40	2,98	3,68	4,35	-	-	-	-	-	-	-
70	X	30	2,98	3,68	4,35	-	-	-	-	-	-	-
70	X	50	3,61	4,46	5,29	6,11	6,90	7,67	8,42	-	-	-
75	X	50	3,77	4,66	5,53	6,38	7,21	8,02	8,82	-	-	-
80	X	40	3,61	4,46	5,29	6,11	6,90	7,67	8,42	-	-	-
80	X	50	3,92	4,85	5,76	6,66	7,53	8,38	9,21	-	-	-
80	X	60	4,24	5,25	6,24	7,21	8,15	9,08	9,99	11,75	-	-
90	X	40	3,92	4,85	5,76	6,66	7,53	8,38	9,21	-	-	-
90	X	50	4,24	5,25	6,24	7,21	8,15	9,08	9,99	11,75	-	-
90	X	60	4,55	5,64	6,71	7,75	8,78	9,79	10,78	12,70	-	-
90	X	70	4,86	6,03	7,18	8,30	9,41	10,50	11,56	13,64	-	-
100	X	40	4,24	5,25	6,24	7,21	8,15	9,08	9,99	11,75	-	-
100	X	50	4,55	5,64	6,71	7,75	8,78	9,79	10,78	12,70	-	-
100	X	60	4,86	6,03	7,18	8,30	9,41	10,50	11,56	13,64	-	-
100	X	80	5,49	6,82	8,12	9,40	10,67	11,91	13,13	15,52	-	-
120	X	40	4,86	6,03	7,18	8,30	9,41	10,50	11,56	13,64	-	-
120	X	60	5,49	6,82	8,12	9,40	10,67	11,91	13,13	15,52	-	-
120	X	80	6,12	7,60	9,06	10,50	11,92	13,32	14,70	17,41	22,57	-
120	X	100	-	8,39	10,00	11,60	13,18	14,74	16,27	19,29	-	-
140	X	60	6,12	7,60	9,06	10,50	11,92	13,32	14,70	17,41	-	-
140	X	80	-	8,39	10,00	11,60	13,18	14,74	16,27	19,29	-	-
140	X	100	-	9,17	10,95	12,70	14,43	16,15	17,84	21,17	-	-
150	X	50	6,12	7,60	9,06	10,50	11,92	13,32	14,70	17,41	-	-
150	X	70	6,75	8,39	10,00	11,60	13,18	14,74	16,27	19,29	-	-
150	X	100	-	9,56	11,42	13,25	15,06	16,86	18,63	22,12	28,85	35,27
160	X	40	6,12	7,60	9,06	10,50	11,92	13,32	14,70	17,41	-	-
160	X	80	-	9,17	10,95	12,70	14,43	16,15	17,84	21,17	27,60	33,70
160	X	140	-	-	13,77	16,00	18,20	20,39	22,55	26,83	35,13	43,12
180	X	100	-	-	12,83	14,90	16,95	18,98	20,98	24,94	32,62	39,98
180	X	140	-	-	14,71	17,10	19,46	21,80	24,12	28,71	37,64	46,26
200	X	100	-	-	13,77	16,00	18,20	20,39	22,55	26,83	35,13	43,12
200	X	120	-	-	-	-	19,46	21,80	24,12	28,71	37,64	-
200	X	150	-	-	-	18,74	21,34	23,92	26,48	31,54	41,41	50,97
200	X	160	-	-	-	19,29	21,97	24,63	27,26	32,48	42,67	52,54
250	X	100	-	-	-	-	21,34	23,92	26,48	31,54	41,41	-
250	X	150	-	-	-	21,49	24,48	27,45	30,40	36,25	47,69	58,82
300	X	200	-	-	-	26,99	30,76	34,52	38,25	45,67	60,25	74,52

Length Range

	4,0 - 7,5 m
	4,0 - 8,5 m
	4,0 - 9,0 m
	4,0 - 10,0 m
	4,0 - 12,0 m
	4,0 - 12,2 m
	4,0 - 13,0 m
	4,0 - 14,0 m
	5,0 - 13,0 m
	5,0 - 14,0 m



Production Range for Weld Seam and HAZ Heat-treated Square Hollow Sections

Outside Diameter (mm)			Wall Thickness (mm)								
			2,5	3,0	3,5	4,0	4,5	5,0	6,0	8,0	10,0
			Mass Per Unit Length (kg/m)								
70	X	70	5,17	6,13	7,06	7,97	8,85	9,70	11,33	-	-
80	X	80	5,96	7,07	8,16	9,22	10,26	11,30	13,20	16,40	-
90	X	90	6,74	8,01	9,26	10,50	11,67	12,80	15,10	18,90	22,42
100	X	100	-	8,96	10,36	11,70	13,08	14,40	17,00	21,40	25,60
120	X	120	-	10,80	12,56	14,20	15,91	17,50	20,70	26,40	31,80
140	X	140	-	12,72	14,75	16,80	18,74	20,70	24,50	31,40	38,10
150	X	150	-	13,67	15,85	18,00	20,15	22,30	26,40	33,90	41,30
160	X	160	-	-	-	19,30	21,56	23,80	28,30	36,50	44,40
180	X	180	-	-	-	21,80	24,39	27,00	32,10	41,50	50,70
200	X	200	-	-	-	24,30	27,21	30,10	35,80	46,50	57,00
250	X	250	-	-	-	-	-	38,00	45,20	59,10	72,70

Length Range

	4,0 - 14,0 m
	5,0 - 14,0 m



Production Range for Weld Seam and HAZ Heat-treated Rectangular Hollow Sections

Outside Diameter (mm)			Wall Thickness (mm)								
			2,5	3,0	3,5	4,0	4,5	5,0	6,0	8,0	10,0
			Mass Per Unit Length (kg/m)								
80	X	60	5,17	6,13	7,06	7,97	8,85	9,70	11,33	-	-
100	X	40	5,17	6,13	7,06	7,97	-	-	-	-	-
100	X	50	5,56	6,60	7,61	8,59	9,55	10,50	-	-	-
100	X	60	5,96	7,07	8,16	9,22	10,26	11,30	13,21	-	-
120	X	60	6,74	8,01	9,26	10,50	11,67	12,80	15,10	-	-
120	X	80	-	8,96	10,36	11,70	13,08	14,40	17,00	21,40	-
150	X	100	-	11,31	13,11	14,90	16,62	18,30	21,70	27,70	33,40
160	X	80	-	10,84	12,56	14,20	15,91	17,50	20,70	26,40	31,80
160	X	140	-	13,67	15,85	18,01	20,15	22,26	26,40	34,38	41,26
180	X	100	-	12,72	14,75	16,80	18,74	20,70	24,50	31,40	38,10
180	X	140	-	14,61	16,95	19,27	21,56	23,83	28,29	36,46	44,40
200	X	100	-	13,67	15,85	18,00	20,15	22,30	26,40	33,90	41,30
200	X	120	-	-	-	19,30	21,56	23,80	28,30	36,50	44,40
200	X	150	-	-	18,60	21,15	23,68	26,18	31,11	40,66	49,11
200	X	160	-	-	19,15	21,78	24,39	26,97	32,05	41,91	50,68
250	X	100	-	-	-	21,15	23,68	26,18	31,11	40,23	49,11
250	X	150	-	-	21,35	24,29	27,21	30,10	35,80	46,50	57,00
300	X	200	-	-	26,84	30,57	34,28	37,96	45,20	59,10	72,70

Length Range

	4,0 - 14,0 m
	5,0 - 14,0 m
	5,0 - 13,0 m

