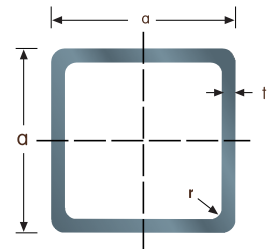


SQUARE HOLLOW SECTION PROFILES (EN 10219)

a x a: Dimension (mm) t: Thickness (mm)

a x a t	Unit Weight (kg/m)										
	1.5	2.0	2.5	3.0	4.0	5.0	6.0	6.3	8.0	10.0	12.0
20 x 20	0.8	1.0	1.2								
25 x 25	1.1	1.4	1.6	1.9							
30 x 30	1.3	1.7	2.0	2.4							
35 x 35	1.5	2.0	2.4	2.8							
40 x 40	1.8	2.3	2.8	3.3	4.2						
50 x 50	2.2	2.9	3.6	4.2	5.5	6.6	7.6	7.6			
60 x 60		3.6	4.4	5.2	6.7	8.1	9.4	9.6			
70 x 70		4.2	5.2	6.1	8.0	9.7	11.3	11.5			
80 x 80		4.8	6.0	7.1	9.2	11.3	13.2	13.5	16.4		
90 x 90			6.7	8.0	10.5	12.8	15.1	15.5	18.9		
100 x 100			7.5	9.0	11.7	14.4	17.0	17.5	21.4	25.6	
110 x 110			8.3	9.9	13.0	16.0	18.9	19.4	23.9	28.7	
120 x 120					14.2	17.5	20.7	21.4	26.4	31.8	
140 x 140					16.8	20.7	24.5	25.4	31.4	38.1	
150 x 150					18.0	22.3	26.4	27.4	33.9	41.3	
160 x 160						23.8	28.3	29.3	36.5	44.4	
180 x 180						27.0	32.1	33.3	41.5	50.7	
200 x 200						30.1	35.8	37.2	46.5	57.0	66.0
220 x 220							39.6	41.2	51.5	63.2	73.5
250 x 250							45.2	47.1	59.1	72.7	84.8
260 x 260							47.1	49.1	61.6	75.8	88.6
300 x 300							54.7	57.0	71.6	88.4	103.7
400 x 400							73.5	76.8	96.7	119.8	141.3



Tolerances

Wall Thickness

T ≤ 5mm ±%10
T > 5mm ±0.5mm

Dimensions

H, B < 50mm ±0.5mm
50 ≤ H, B < 100mm ±%1
100 ≤ H, B < 200 ±%0.8
H, B > 200mm ±%0.6mm

Corner Radius

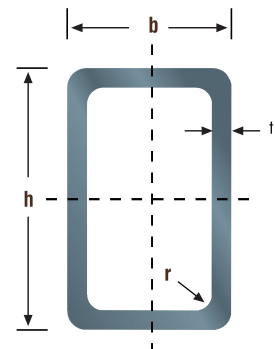
T ≤ 6mm; r = 1.6T - 2.4T
6 < T ≤ 10mm; r = 2.0T - 3.0
10mm < T; r = 2.4T - 3.6T

* For your requirements of other dimensions, please contact to your Sales Account.

RECTANGULAR HOLLOW SECTION PROFILES (EN 10219)

h x b: Dimension (mm) t: Thickness (mm)

h x b t	Unit Weight (kg / m)										
	1.5	2.0	2.5	3.0	4.0	5.0	6.0	6.3	8.0	10.0	12.0
30 x 10	0.8	1.0									
30 x 20	1.1	1.4	1.6								
40 x 20	1.3	1.7	2.0	2.4							
40 x 30	1.5	2.0	2.4	2.8							
50 x 20	1.5	2.0	2.4	2.8							
50 x 30	1.8	2.3	2.8	3.3							
50 x 40	2.0	2.6	3.2	3.8	4.8						
60 x 30	2.0	2.6	3.2	3.8	4.8						
60 x 40	2.2	2.9	3.6	4.2	5.5	6.6					
75 x 50	2.8	3.7	4.6	5.4	7.0	8.5	9.9	10.0			
80 x 40	2.7	3.6	4.4	5.2	6.7	8.1					
80 x 60		4.2	5.2	6.1	8.0	9.7	11.3	11.5			
90 x 50		4.2	5.2	6.1	8.0	9.7	11.3	11.5			
100 x 40		4.2	5.2	6.1	8.0	9.7					
100 x 50		4.5	5.6	6.6	8.6	10.5	12.3	12.5			
100 x 80		5.4	6.7	8.0	10.5	12.8	15.1	15.5	18.9		
120 x 50		5.1	6.3	7.5	9.9	12.1	14.2	14.5			
120 x 60		5.4	6.7	8.0	10.5	12.8	15.1	15.5			
120 x 80			7.5	9.0	11.7	14.4	17.0	17.5	21.4		
140 x 80				9.9	13.0	16.0	18.9	19.4	23.9		
160 x 80				10.8	14.2	17.5	20.7	21.4	26.4		
150 x 50				9.0	11.7	14.4	17.0	17.5			
150 x 100				11.3	14.9	18.3	21.7	22.4	27.7	33.4	
180 x 100				12.7	16.8	20.7	24.5	25.4	31.4	38.1	
180 x 120					18.0	22.3	26.4	27.4	33.9	41.3	
200 x 100				13.7	18.0	22.3	26.4	27.4	33.9	41.3	
200 x 120					19.3	23.8	28.3	29.3	36.5	44.4	
250 x 150					24.3	30.1	35.8	37.2	46.5	57.0	
260 x 180						33.2	39.6	41.2	51.5	63.2	
300 x 100					24.3	30.1	35.8	37.2	46.5	57.0	
300 x 200							45.2	47.1	59.1	72.7	84.8
350 x 100							40.5	42.2	52.8	64.8	
350 x 250							54.7	57.0	71.6	88.4	103.7
400 x 200							54.7	57.0	71.6	88.4	103.7
500 x 300							73.5	76.8	96.7	119.8	141.3



Tolerances

Wall Thickness

T ≤ 5mm ±%10
T > 5mm ±0.5mm

Dimensions

H, B < 50mm ±0.5mm
50 ≤ H, B < 100mm ±%1
100 ≤ H, B < 200 ±%0.8
H, B > 200mm ±%0.6mm

Corner Radius

T ≤ 6mm; r = 1.6T - 2.4T
6 < T ≤ 10mm; r = 2.0T - 3.0
10mm < T; r = 2.4T - 3.6T

* For your requirements of other dimensions, please contact to your Sales Account.