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SQUARE TUBE :

เหล็กกล่อง/แป๊บเหลี่ยม (JIS G 3466)

Nominal Size (ขนาด)	Thickness (ความหนา)	Weight (น้ำหนัก)
DxD	T	W
mm.	mm.	kg./m.
40x40	1.6	1.88
	2.3	2.62
50x50	1.6	2.38
	2.3	3.34
	3.2	4.50
60x60	1.6	2.88
	2.3	4.06
	3.2	5.50
75x75	1.6	3.64
	2.3	5.14
	3.2	7.01
	4.5	9.55
90x90	2.3	6.23
	3.2	8.51
100x100	2.3	6.95
	3.2	9.52
	4.0	11.70
	4.5	13.10
	6.0	17.00

Nominal Size (ขนาด)	Thickness (ความหนา)	Weight (น้ำหนัก)
DxD	T	W
mm.	mm.	kg./m.
125x125	3.2	12.00
	4.5	16.60
	5.0	18.30
	6.0	21.70
150x150	4.5	20.10
	5.0	22.30
	6.0	26.40
175x175	4.5	23.70
	6.0	31.10
200x200	4.5	27.20
	6.0	35.80
	8.0	46.90
	9.0	52.30

Dimension Tolerances for JIS G 3444 Carbon Steel Hollow Section Pipes

Outside Diameter	≤ 100mm : ± 1.5mm
	> 100mm : ± 1.5%
Thickness	≤ 3.00mm = ± 0.30 mm
	>3.00mm = ± 10% mm
Weight	± 10% mm

JIS G 3466 Carbon Steel Square Pipe and Rectangular Pipe for General Structural Purposes

Material of Grade	Chemical Composition (%)					Mechanical Properties		
	C Max	Si Max	Mn Max	P Max	S Max	Yield Strength N/mm ²	Tensile Strength N/mm ²	Elongation %
STKR 400	0.25	-	-	0.04	0.04	245	400	23
STKR 490	0.18	0.55	1.5	0.04	0.04	325	490	23