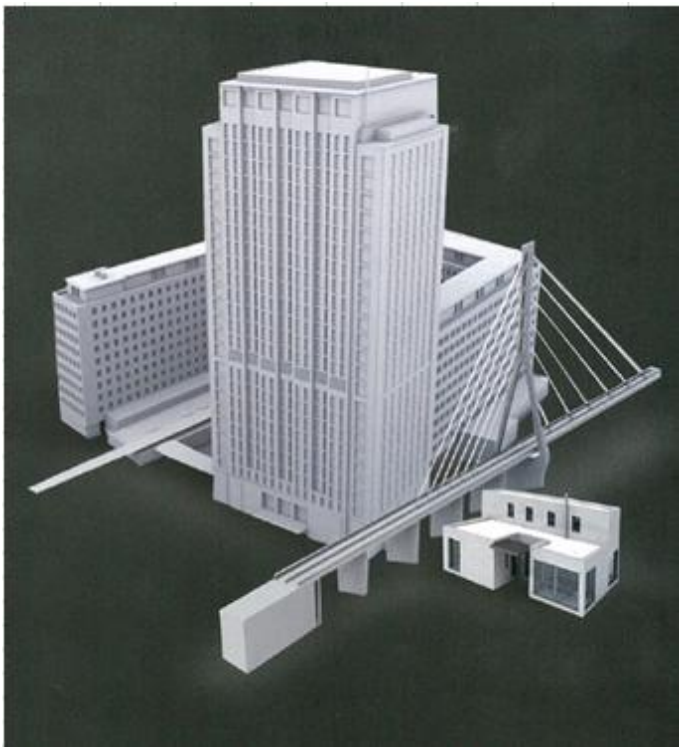
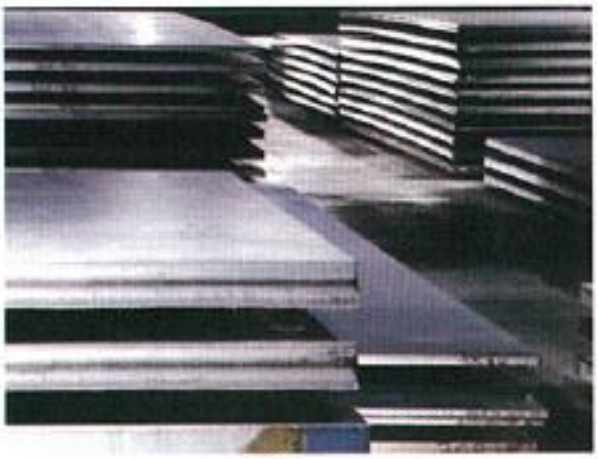
MKT *Steel*



Kami menyediakan produk material konstruksi
Yang terdiri dari plate, pipa, siku, beam, chanal,
Pipa kotak besi , baja serta logam lainnya untuk
Memenuhi kebutuhan industri anda.

Produk

1. Plat Hitam / SPHC



Berbentuk lembaran dan coil. Untuk plat hitam tersedia berbagai **Ukuran ketebalan dari 1,2 mm X 4” X 8 “ sampai dengan ukuran 100 mm X 4” X 8”.**

2. Plat Putih / SPCC

berbagai
Ukuran ketebalan mulai dari 0,35 m Berbentuk lembaran dan coil. Plat hitam tersedia **m X 4” X 8 “ sampai ukuran 3,2 mm X 4” X 8”.**

3. Besi Siku/ Angle Bar

Material ini disesuaikan dengan Kebutuhan atau permintaan. Spesifikasi material yaitu : KS IW/ InterWood, Ispaac, master.

4. WF Beam

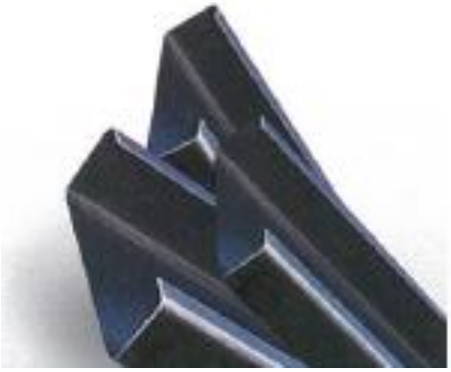
Material ini digunakan untuk Kosntruksi, tersedia dengan Berbagai ukuran disesuaikan Dengan kebutuhan anda.

No	Ukuran (Size)										
1	150	x	75	x	5	x	7	mm	-	12	M
2	200	x	100	x	5.5	x	8	mm	-	12	M
3	250	x	125	x	6	x	9	mm	-	12	M
4	300	x	150	x	6.5	x	9	mm	-	12	M
5	350	x	175	x	7	x	11	mm	-	12	M
6	400	x	200	x	8	x	13	mm	-	12	M
7	450	x	200	x	9	x	14	mm	-	12	M
8	500	x	200	x	10	x	16	mm	-	12	M
9	600	x	200	x	11	x	17	mm	-	12	M
10	700	x	300	x	13	x	24	mm	-	12	M
11	800	x	300	x	14	x	14	mm	-	12	M
12	900	x	300	x	15	x	16	mm	-	12	M

5. H Beam

Material ini digunakan untuk
Konstruksi, tersedia dengan
Berbagai ukuran disesuaikan
Dengan kebutuhan anda.

6. Channal “C”/CNP

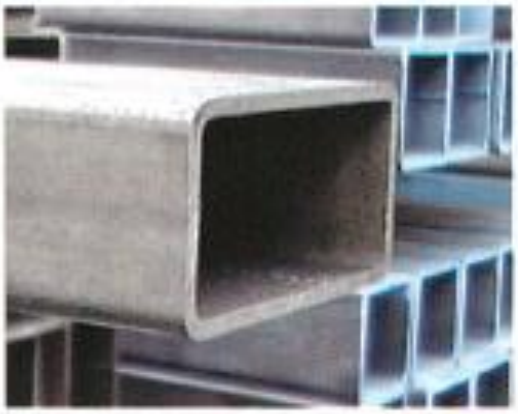


Channal “C” atau biasanya
Di sebut CNP.
Tersedia berbagai ukuran
Disesuaikan dengan kebutuhan.

7. Besi Assentaal

Ada beberapa jenis, umumnya SS41 dan S45C. Dengan
Ukuran disesuaikan kebutuhan. Ada juga yang di sebut
As kotak/Nako.

8. Square Tube/ Pipa Kotak



Material ini digunakan untuk konstruksi, tersedia dengan Berbagai ukuran disesuaikan dengan kebutuhan anda.

9. Besi Beton

Ada 2 (dua) jenis besi beton,
Yaitu besi beton polos dan besi Beton ulir.
Disediakan dalam berbagai ukuran.

10. Plat Bordes

Disediakan dengan ukuran antara lain 2,3mm X 4” X 8” sampai dengan ukuran 4,5mm X 4’ X 8”

11. Pipa

Terdiri dari ;

1. Pipa Hitam Medium
2. Pipa Hitam nSCH 40/80/120 Seamless
3. Pipa Galvanish
4. Pipa Boiler
5. Pipa Hitam STKM11
6. Pipa Putih

12. Stainless Steel

Ada beberapa jenis stainless steel, yaitu
201, 301, 304, 316.
Material yang disediakan berupa Pipa, Plat, Hexagon, Assentaal

BESI BETON POLOS
Reinforcing Bars - Plain

SIZE	WEIGHT	NOTE
6 mm - 12 M	2,66 Kg	
8 mm - 12 M	4,74 Kg	
9 mm - 12 M	6, - Kg	
10 mm - 12 M	7,4 Kg	
12 mm - 12 M	10,66 Kg	
13 mm - 12 M	12,48 Kg	
16 mm - 12 M	18,96 Kg	
19 mm - 12 M	26,76 Kg	
22 mm - 12 M	35,76 Kg	
25 mm - 12 M	46,2 Kg	
28 mm - 12 M	57,96 Kg	
32 mm - 12 M	75,72 Kg	
36 mm - 12 M	95,88 Kg	

BESI BETON SPIRAL (ULIR)
Defermed Bars

SIZE	WEIGHT	NOTE
10 mm - 12 M	7,4 Kg	
13 mm - 12 M	12,48 Kg	
16 mm - 12 M	18,96 Kg	
19 mm - 12 M	26,76 Kg	
22 mm - 12 M	35,76 Kg	
25 mm - 12 M	46,2 Kg	
29 mm - 12 M	62,28 Kg	
32 mm - 12 M	75,72 Kg	
36 mm - 12 M	95,88 Kg	

BESI SIKU
Angel Bars

SIZE	WEIGHT	NOTE
20 x 20 x 3 mm - 6 M	5,31 Kg	
25 x 25 x 3 mm - 6 M	6,72 Kg	
25 x 25 x 5 mm - 6 M	10,6 Kg	
30 x 30 x 3 mm - 6 M	8,16 Kg	
40 x 40 x 3 mm - 6 M	11 Kg	
40 x 40 x 4 mm - 6 M	14,5 Kg	
40 x 40 x 5 mm - 6 M	18 Kg	
45 x 45 x 4 mm - 6 M	16,44 Kg	
45 x 45 x 5 mm - 6 M	20,5 Kg	
50 x 50 x 4 mm - 6 M	18,4 Kg	
50 x 50 x 5 mm - 6 M	22,5 Kg	
50 x 50 x 6 mm - 6 M	27,58 Kg	
60 x 60 x 5 mm - 6 M	27,42 Kg	
60 x 60 x 6 mm - 6 M	32,52 Kg	
65 x 65 x 6 mm - 6 M	35,46 Kg	
70 x 70 x 6 mm - 6 M	38,28 Kg	
70 x 70 x 7 mm - 6 M	44,28 Kg	
75 x 75 x 6 mm - 6 M	41,22 Kg	
75 x 75 x 7 mm - 6 M	47,64 Kg	
75 x 75 x 8 mm - 6 M	54,18 Kg	
80 x 80 x 6 mm - 6 M	43,02 Kg	
80 x 80 x 8 mm - 6 M	57,96 Kg	

Cara Perhitungan BERAT (Besi Siku) :
Lebar x Tebal x 6 x 0,01512 = BERAT (Kg)

BESI SIKU
Angel Bars

SIZE	WEIGHT	NOTE
90 x 90 x 8 mm - 6 M	65,4 Kg	
90 x 90 x 9 mm - 6 M	73,2 Kg	
90 x 90 x 10 mm - 6 M	79,8 Kg	
100 x 100 x 8 mm - 6 M	73,2 Kg	
100 x 100 x 10 mm - 6 M	90,6 Kg	
120 x 120 x 11 mm - 6 M	119,4 Kg	
120 x 120 x 12 mm - 6 M	130 Kg	
125 x 125 x 12 mm - 6 M	140 Kg	
130 x 130 x 9 mm - 6 M	107,1 Kg	
130 x 130 x 12 mm - 6 M	140,1 Kg	
150 x 150 x 12 mm - 6 M	164 Kg	
150 x 150 x 15 mm - 6 M	202 Kg	
200 x 200 x 15 mm - 6 M	272 Kg	
200 x 200 x 20 mm - 6 M	358 Kg	
200 x 200 x 25 mm - 6 M	442 Kg	
250 x 250 x 25 mm - 6 M	562 Kg	

BESI KANAL
Channel UNP

SIZE	WEIGHT	NOTE
UNP 5 (50 x 38 x 5 mm) - 6M	30 Kg	
UNP 6,5 (65 x 42 x 5 mm) - 6M	40 Kg	
UNP 7,5 (75 x 40 x 5 mm) - 6M	45,3 Kg	
UNP 8 (80 x 45 x 5 mm) - 6M	47,76 Kg	
UNP 10 (100 x 50 x 5 mm) - 6M	56,2 Kg	
UNP 12 (120 x 55 x 7 mm) - 6M	80,40 Kg	
UNP 12, 5 (125 x 65 x 6 mm) - 6M	80,40 Kg	
UNP 15 (150 x 75 x 6,5 mm) - 6M	112 Kg	
UNP 18 (180 x 75 x 7 mm) - 6M	128 Kg	
UNP 20 (200 x 80 x 7,5 mm) - 6M	148 Kg	
UNP 25 (250 x 90 x 9 mm) - 6M	208 Kg	
UNP 30 (300 x 90 x 9 mm) - 6M	229 Kg	
UNP 30 (300 x 100 x 10 mm) - 6M	526 Kg	

BESI KANAL
Channel UNP

SIZE	WEIGHT	NOTE
UNP 5 (50 x 38 x 5 mm) - 6M	30 Kg	
UNP 6,5 (65 x 42 x 5 mm) - 6M	40 Kg	
UNP 7,5 (75 x 40 x 5 mm) - 6M	45,3 Kg	
UNP 8 (80 x 45 x 5 mm) - 6M	47,76 Kg	
UNP 10 (100 x 50 x 5 mm) - 6M	56,2 Kg	
UNP 12 (120 x 55 x 7 mm) - 6M	80,40 Kg	
UNP 12, 5 (125 x 65 x 6 mm) - 6M	80,40 Kg	
UNP 15 (150 x 75 x 6,5 mm) - 6M	112 Kg	
UNP 18 (180 x 75 x 7 mm) - 6M	128 Kg	
UNP 20 (200 x 80 x 7,5 mm) - 6M	148 Kg	
UNP 25 (250 x 90 x 9 mm) - 6M	208 Kg	
UNP 30 (300 x 90 x 9 mm) - 6M	229 Kg	
UNP 30 (300 x 100 x 10 mm) - 6M	526 Kg	

BESI KANAL
Channel UNP ex German

SIZE	WEIGHT	NOTE
UNP 14 (140 x 60 x 7 mm) - 6M	96 Kg	
UNP 16 (160 x 65 x 7,5 mm) - 6M	115,5 Kg	
UNP 18 (180 x 70 x 8 mm) - 12M	271 Kg	
UNP 20 (200 x 75 x 8,5 mm) - 12M	310 Kg	
UNP 22 (220 x 80 x 9 mm) - 12M	371 Kg	
UNP 24 (240 x 85 x 9,5 mm) - 12M	410 Kg	
UNP 26 (260 x 90 x 10 mm) - 12M	456 Kg	
UNP 28 (280 x 95 x 10 mm) - 12M	500 Kg	
UNP 30 (300 x 100 x 10 mm) - 12M	556 Kg	
UNP 32 (320 x 100 x 14 mm) - 12M	714 Kg	
UNP 40 (400 x 110 x 14 mm) - 12M	862 Kg	

BESI KANAL "C"
Lip Channel "C"

KNLC

SIZE	WEIGHT	NOTE
60 x 30 x 10 x 1,6 mm - 6 M	9,76 Kg	
75 x 35 x 15 x 1,6 mm - 6 M	12,4 Kg	
75 x 45 x 15 x 1,6 mm - 6 M	13,92 Kg	
75 x 45 x 15 x 2,3 mm - 6 M	19,5 Kg	
100 x 50 x 20 x 1,6 mm - 6 M	17,5 Kg	
100 x 50 x 20 x 2,3 mm - 6 M	24,4 Kg	
100 x 50 x 20 x 3,2 mm - 6 M	33 Kg	
125 x 50 x 20 x 2,3 mm - 6 M	27,1 Kg	
125 x 50 x 20 x 3,2 mm - 6 M	36,8 Kg	
150 x 50 x 20 x 2,3 mm - 6 M	29,8 Kg	
150 x 50 x 20 x 3,2 mm - 6 M	40,6 Kg	
150 x 65 x 20 x 2,3 mm - 6 M	33 Kg	
150 x 65 x 20 x 3,2 mm - 6 M	45,1 Kg	
200 x 75 x 20 x 3,2 mm - 6 M	55,62 Kg	

BESI WIDE FLANGE (W.F) rx JAPAN

SIZE	WEIGHT	NOTE
100 X 50 X 5 X 7 mm - 12 M	112 Kg	
125 X 60 X 6 X 8 mm - 12 M	158,4 Kg	
148 X 100 X 6 X 9 mm - 12 M	253,2 Kg	
150 X 75 X 5 X 7 mm - 12 M	168 Kg	
175 X 90 X 5 X 8 mm - 12 M	217,2 Kg	
198 X 99 X 4,5 X 7 mm - 12 M	218,4 Kg	
200 X 100 X 3,2 X 4,5 mm - 12 M	143 Kg	
200 X 100 X 5,5 X 8 mm - 12 M	256 Kg	
248 X 124 X 5 X 8 mm - 12 M	308,4 Kg	
250 X 125 X 6 X 9 mm - 12 M	355,2 Kg	
298 X 149 X 6 X 8 mm - 12 M	384 Kg	
300 X 150 X 6,5 X 9 mm - 12 M	440,4 Kg	
346 X 174 X 6 X 9 mm - 12 M	497 Kg	
350 X 175 X 7 X 11 mm - 12 M	595,2 Kg	
396 X 199 X 7 X 11 mm - 12 M	679,5 Kg	
400 X 200 X 8 X 13 mm - 12 M	792 Kg	
446 X 199 X 8 X 12 mm - 12 M	794,40 Kg	
450 X 200 X 9 X 14 mm - 12 M	912 Kg	
500 X 200 X 10 X 16 mm - 12 M	1,075 Kg	
588 X 300 X 10 X 16 mm - 12 M	1,812 Kg	
600 X 200 X 11 X 17 mm - 12 M	1,272 Kg	
700 X 300 X 13 X 24 mm - 12 M	2,220 Kg	
800 X 300 X 14 X 26 mm - 12 M	2,520 Kg	

BESI BALK / INP ex German

SIZE	WEIGHT	NOTE
80 x 42 x 3,9 x 5,9 x 2,3 mm - 6 M	38,5 Kg	
100 x 50 x 4,5 x 6,8 x 2,7 mm - 6 M	50,6 Kg	
120 x 58 x 5,1 x 7,7 x 3,1 mm - 6 M	67,5 Kg	
140 x 66 x 5,7 x 8,6 x 3,4 mm - 6 M	87,5 Kg	
160 x 74 x 6,5 x 9,5 x 3,8 mm - 6 M	108,5 Kg	
180 x 82 x 6,9 x 10,4 x 4,1 mm - 12 M	270 Kg	
200 x 90 x 7,5 x 11,3 x 4,5 mm - 12 M	315 Kg	
220 x 98 x 8,1 x 12,2 x 4,9 mm - 12 M	373 Kg	
240 x 106 x 8,7 x 13,1 x 5,2 mm - 12 M	435 Kg	
250 x 125 x 7,5 x 12,5 x mm - 12 M	460 Kg	
260 x 113 x 9,4 x 14,1 x 5,6 mm - 12 M	503 Kg	
280 x 119 x 10,1 x 15,2 x 6,1 mm - 12 M	580 Kg	
300 x 125 x 10,8 x 16,2 x 6,5 mm - 12 M	661 Kg	
320 x 131 x 11,3 x 17,3 x 6,9 mm - 12 M	750 Kg	
340 x 137 x 12,2 x 18,3 x 7,3 mm - 12 M	833 Kg	
360 x 143 x 13 x 19,5 x 7,8 mm - 12 M	926 Kg	
380 x 149 x 13,7 x 20,5 x 7,8 mm - 12 M	1.026 Kg	
400 x 155 x 14,4 x 21,6 x 8,6 mm - 12 M	1.136,5 Kg	
450 x 170 x 16,2 x 24,3 x 9,7 mm - 12 M	1.400 Kg	
500 x 185 x 18 x 27 x 10,8 mm - 12 M	1.707 Kg	

BESI H BEAM

SIZE	WEIGHT	NOTE
100 X 100 X 6 X 8 mm - 12 M	206 Kg	
125 X 125 X 5 X 7 mm - 12 M	222 Kg	
125 X 125 X 6,5 X 9 mm - 12 M	286 Kg	
150 X 150 X 7 X 10 mm - 12 M	378 Kg	
175 X 175 X 7 X 11 mm - 12 M	482 Kg	
200 X 200 X 8 X 12 mm - 12 M	599 Kg	
250 X 250 X 9 X 14 mm - 12 M	869 Kg	
300 X 300 X 10 X 15 mm - 12 M	1.128 Kg	
350 X 350 X 12 X 19 mm - 12 M	1.644 Kg	
400 X 400 X 13 X 21 mm - 12 M	2.064 Kg	

BESI PLAT STREEP
MILD STEEL FLAT BAR (Ex. JAPAN)

SIZE				WEIGHT
t	x	w		
1/8"	x	5/8"	- 6 M	2,3 Kg
(3mm	x	16mm)		
1/8"	x	3/4"	- 6 M	2,7 Kg
(3mm	x	19mm)		
1/8"	x	1"	- 6 M	3,35 Kg
(3mm	x	25mm)		
1/8"	x	1 1/4"	- 6 M	4,52 Kg
(3mm	x	32mm)		
1/8"	x	1 1/2"	- 6 M	5,37 Kg
(3mm	x	38mm)		
3/16"	x	3/4"	- 6 M	4,03 Kg
(4,5mm	x	19mm)		
3/16"	x	1"	- 6 M	5,4 Kg
(4,5mm	x	25mm)		
3/16"	x	1 1/4"	- 6 M	6,8 Kg
(4,5mm	x	32mm)		
3/16"	x	1 1/2"	- 6 M	8,3 Kg
(4,5mm	x	38mm)		
3/16"	x	2"	- 6 M	10,6 Kg
(3mm	x	16mm)		
1/4"	x	3/4"	- 6 M	5,4 Kg
(6mm	x	19mm)		
1/4"	x	1"	- 6 M	7,1 Kg
(6mm	x	25mm)		

Tebal x Lebar x 0,00785 x 6 m = Berat (Kg)

MILD STEEL FLAT BAR (Ex : JAPAN)

SIZE				WEIGHT
t	x	w		
1/4"	x	1 1/4"	- 6 M	9,2 Kg
(6mm	x	32mm)		
1/4"	x	1 1/2"	- 6 M	10,7 Kg
(6mm	x	38mm)		
1/4"	x	2"	- 6 M	14,5 Kg
(6mm	x	50mm)		
1/4"	x	2 1/2"	- 6 M	18,5 Kg
(6mm	x	65mm)		
1/4"	x	3"	- 6 M	21,5 Kg
(6mm	x	75mm)		
1/4"	x	3 1/2"	- 6 M	25,5 Kg
(6mm	x	85mm)		
1/4"	x	4"	- 6 M	28,5 Kg
(6mm	x	100mm)		
1/4"	x	6"	- 6 M	42,5 Kg
(6mm	x	150mm)		
3/8"	x	1"	- 6 M	10,6 Kg
(9mm	x	25mm)		
3/8"	x	1 1/4"	- 6 M	14 Kg
(9mm	x	32mm)		
3/8"	x	1 1/2"	- 6 M	16,1 Kg
(9mm	x	38mm)		
3/8"	x	2"	- 6 M	21,2 Kg
(9mm	x	50mm)		

Tebal x Lebar x 0,00785 x 6 m = Berat (Kg)

BESI PLAT STREEP
MILD STEEL FLAT BAR (Ex. JAPAN)

SIZE				WEIGHT
t	x	w		
3/8"	x	2 1/2"	- 6 M	27,5 Kg
(9mm	x	65mm)		
3/8"	x	3"	- 6 M	32 Kg
(9mm	x	75mm)		
3/8"	x	3 1/2"	- 6 M	38,3 Kg
(9mm	x	85mm)		
3/8"	x	4"	- 6 M	42,5 Kg
(9mm	x	100mm)		
3/8"	x	6"	- 6 M	64 Kg
(9mm	x	150mm)		
1/2"	x	1"	- 6 M	14,2 Kg
(12mm	x	25mm)		
1/2"	x	1 1/2"	- 6 M	21,5 Kg
(12mm	x	38mm)		
1/2"	x	2"	- 6 M	28,5 Kg
(12mm	x	50mm)		
1/2"	x	2 1/2"	- 6 M	37 Kg
(12mm	x	65mm)		
1/2"	x	3"	- 6 M	42,5 Kg
(12mm	x	75mm)		
1/2"	x	4"	- 6 M	56,5 Kg
(12mm	x	100mm)		
1/2"	x	6"	- 6 M	85 Kg
(12mm	x	150mm)		

Tebal x Lebar x 0,00785 x 6 m = Berat (Kg)

BESI PLAT STREEP
MILD STEEL FLAT BAR (Ex : JAPAN)

SIZE				WEIGHT
t	x	w		
5/8"	x	1 1/2"	- 6 M	29 Kg
(16mm	x	38mm)		
5/8"	x	2"	- 6 M	38 Kg
(16mm	x	50mm)		
5/8"	x	4"	- 6 M	76 Kg
(16mm	x	100mm)		
5/8"	x	6"	- 6 M	113 Kg
(16mm	x	150mm)		
3/4"	x	1 1/2"	- 6 M	34 Kg
(19mm	x	38mm)		
3/4"	x	2"	- 6 M	45 Kg
(19mm	x	50mm)		
3/4"	x	6"	- 6 M	134 Kg
(19mm	x	150mm)		

Tebal x Lebar x 0,00785 x 6 m = Berat (Kg)

BESI PLAT HITAM
Hot Rolled Steel Sheets (Ss400, Ss41, SPHC)

SIZE	WEIGHT	NOTE
1,20 mm x 4' x 8'	28 Kg	
1,40 mm x 4' x 8'	33 Kg	
1,50 mm x 4' x 8'	35 Kg	
1,90 mm x 4' x 8'	44,5 Kg	
2,00 mm x 4' x 8'	46,7 Kg	
2,3 mm x 4' x 8'	54 Kg	
2,60 mm x 4' x 8'	60,7 Kg	
2,80 mm x 4' x 8'	65,3 Kg	
2,90 mm x 4' x 8'	67,6 Kg	
3,00 mm x 4' x 8'	70 Kg	
3,20 mm x 4' x 8'	75 Kg	
4 mm x 4' x 8'	93,3 Kg	
4,50 mm x 4' x 8'	105 Kg	
5 mm x 4' x 8'	117 Kg	
6 mm x 4' x 8'	140 Kg	
8 mm x 4' x 8'	187 Kg	
9 mm x 4' x 8'	210 Kg	
10 mm x 4' x 8'	233 Kg	
12 mm x 4' x 8'	280 Kg	
13 mm x 4' x 8'	303 Kg	
15 mm x 4' x 8'	350 Kg	
16 mm x 4' x 8'	373 Kg	
18 mm x 4' x 8'	420 Kg	

CARA PERHITUNGAN BERAT :

4' x 8' = Tebal x 23,33 = Berat (Kg)

BESI PLAT HITAM
Hot Rolled Steel sheets (SS40)

SIZE	WEIGHT	NOTE
19 mm x 4' x 8'	443 Kg	
20 mm x 4' x 8'	466 Kg	
21 mm x 4' x 8'	490 Kg	
22 mm x 4' x 8'	513 Kg	
25 mm x 4' x 8'	583 Kg	
28 mm x 4' x 8'	653 Kg	
30 mm x 4' x 8'	699 Kg	
32 mm x 4' x 8'	747 Kg	
38 mm x 4' x 8'	887 Kg	
50 mm x 4' x 8'	1.167 Kg	
65 mm x 4' x 8'	1.516 Kg	
75 mm x 4' x 8'	1.750 Kg	
100 mm x 4' x 8'	2.333 Kg	

CARA PERHITUNGAN BERAT :

4' x 8' = Tebal (mm) x 23,33 = Berat (Kg)

BESI PLAT PUTIH
Called Rolled Steel Sheets (SPCC SD)

SIZE	WEIGHT	NOTE
0,35 mm x 3' x 6'	4,6 Kg	
0,4 mm x 3' x 6'	5,25 Kg	
0,5 mm x 3' x 6'	6,57 Kg	
0,60 mm x 3' x 6'	7,88 Kg	
0,65 mm x 3' x 6'	8,53 Kg	
0,70 mm x 3' x 6'	9,2 Kg	
0,80 mm x 3' x 6'	10,5 Kg	
0,90 mm x 3' x 6'	11,82 Kg	
1,00 mm x 3' x 6'	13,1 Kg	
1,20 mm x 3' x 6'	15,8 Kg	
1,50 mm x 3' x 6'	19,7 Kg	
2,00 mm x 3' x 6'	26,3 Kg	
0,35 mm x 4' x 8'	8,16 Kg	
0,4 mm x 4' x 8'	9,33 Kg	
0,60 mm x 4' x 8'	14 Kg	
0,70 mm x 4' x 8'	16,31 Kg	
0,80 mm x 4' x 8'	18,7 Kg	
0,90 mm x 4' x 8'	21 Kg	
1,00 mm x 4' x 8'	23,3 Kg	
1,20 mm x 4' x 8'	28 Kg	
1,50 mm x 4' x 8'	35 Kg	
1,60 mm x 4' x 8'	37,3 Kg	
1,90 mm x 4' x 8'	45 Kg	
2,00 mm x 4' x 8'	46,7 Kg	

CARA PERHITUNGAN BERAT :

3' x 6' = Tebal (mm) x 13,13 = Berat (Kg)

4' x 8' = Tebal (mm) x 23,33 = Berat (Kg)

BESI PLAT KAPAL
Ship Piate (Metric Size)

SIZE	WEIGHT	NOTE
t x w l		
4,5 mm x 5' x 20'	328 Kg	
6 mm x 5' x 20'	438 Kg	
8 mm x 5' x 20'	583 Kg	
9 mm x 5' x 20'	656 Kg	
10 mm x 5' x 20'	729 Kg	
12 mm x 5' x 20'	875 Kg	
14 mm x 5' x 20'	1.021 Kg	
15 mm x 5' x 20'	1.094 Kg	
16 mm x 5' x 20'	1.167 Kg	
18 mm x 5' x 20'	1.313 Kg	
19 mm x 5' x 20'	1.386 Kg	
21 mm x 5' x 20'	1.531 Kg	
22 mm x 5' x 20'	1.604 Kg	
25 mm x 5' x 20'	1.823 Kg	

CARA PERHITUNGAN BERAT :

5 x 20' = Tebal (mm) x 72,9 = Berat (Kg)

BESI PLAT KAPAL
Ship Plate (Metric Size)

SIZE	WEIGHT	NOTE
t x w l		
4,5 mm x 6' x 20'	394 Kg	
6 mm x 6' x 20'	525 Kg	
8 mm x 6' x 20'	709 Kg	
9 mm x 6' x 20'	788 Kg	
10 mm x 6' x 20'	875 Kg	
12 mm x 6' x 20'	1.050 Kg	
14 mm x 6' x 20'	1.225 Kg	
15 mm x 6' x 20'	1.313 Kg	
16 mm x 6' x 20'	1.400 Kg	
18 mm x 6' x 20'	1.575 Kg	
19 mm x 6' x 20'	1.664 Kg	
21 mm x 6' x 20'	1.838 Kg	
25 mm x 6' x 20'	2.188 Kg	

CARA PERHITUNGAN BERAT :

6 x 20' = Tebal (mm) x 87,5 = Berat (Kg)

BESI BORDES PLAT
Checkered Plate

SIZE	WEIGHT	NOTE
2,3 mm x 4' x 8'	59 Kg	
2,6 mm x 4' x 8'	65,6 Kg	
2,9 mm x 4' x 8'	72,6 Kg	
3 mm x 4' x 8'	75 Kg	
3,2 mm x 4' x 8'	79,6 Kg	
4,2 mm x 4' x 8'	103 Kg	
4,6 mm x 4' x 8'	112,3 Kg	
5,6 mm x 4' x 8'	135,6 Kg	
5,8 mm x 4' x 8'	140,3 Kg	
6 mm x 4' x 8'	145 Kg	

4' x 8' = Tebal (mm) x 23,33 + 5 = Berat (Kg)

BESI PLAT STAINLESS STEEL
Stainless Steel Sheet

SIZE	WEIGHT	NOTE
0,4 mm x 1 M x 2 M	6,34 Kg	
0,5 mm x 1 M x 2 M	7,93 Kg	
0,6 mm x 1 M x 2 M	9,52 Kg	
0,7 mm x 1 M x 2 M	11,10 Kg	
0,8 mm x 1 M x 2 M	12,70 Kg	
0,9 mm x 1 M x 2 M	14,30 Kg	
1 mm x 1 M x 2 M	15,90 Kg	
1,5 mm x 1 M x 2 M	23,80 Kg	
2 mm x 1 M x 2 M	31,70 Kg	
3 mm x 1 M x 2 M	47,60 Kg	
4 mm x 1 M x 2 M	63,40 Kg	
1,5 mm x 4" x 8"	35,40 Kg	
2 mm x 4" x 8"	47,10 Kg	
3 mm x 4" x 8"	70,70 Kg	
4 mm x 4" x 8"	94,50 Kg	
5 mm x 4" x 8"	118 Kg	
6 mm x 4" x 8"	141 Kg	
8 mm x 4" x 8"	189 Kg	
10 mm x 4" x 8"	236 Kg	

1"m x 2"m = Tebal x 15,9 = Berat (Kg)

4" x 8" = Tebal x 23,6 = Berat (Kg)

BLACK & GALVANIZED WELDED STEEL PIPE
BS. 1387 / 67

MEDIUM

SIZE	OD (mm)	TEBAL (mm)	BERAT (Kg/m)	Berat dengan Drat & Solet (Kg/m)	NOTE
1/ 2"	21,4	2,6	1,22	1,23	
3/4"	27,0	2,6	1,58	1,59	
1"	33,7	3,2	2,44	2,46	
1 1/4"	42,4	3,2	3,14	3,17	
1 1/2"	48,3	3,2	3,62	3,66	
2"	60,2	3,6	5,09	5,16	
2 1/2"	76,0	3,6	6,52	6,64	
3"	88,7	4,0	8,47	8,63	
4"	113,9	4,5	12,10	12,40	
5"	140,6	4,8	16,20	16,70	
6"	166,1	4,8	19,20	19,80	

BLACK & GALVANIZED WELDED STEEL PIPE
BS. 1387 / 67

LIGHT

SIZE	OD (mm)	TEBAL (mm)	BERAT (Kg/m)	Berat dengan Drat & Solet (Kg/m)	NOTE
1/ 2"	21,4	2,0	0,95	0,96	
3/4"	27,0	2,3	1,40	1,42	
1"	33,7	2,6	2,01	2,02	
1 1/4"	42,4	2,6	2,57	2,60	
1 1/2"	48,3	2,9	3,26	3,3	
2"	60,2	2,9	4,11	4,18	
2 1/2"	76,0	3,2	5,80	5,92	
3"	88,7	3,2	6,82	6,98	
4"	113,9	3,6	9,88	10,20	

PIPA BAJA LAPIS SENG S.I.I. 0161 - 81
Galvanized Welded Steel Pipe
(Toleransi tebal +/- 10%)

MEDIUM

Diameter Lubang Nominal		Diameter Luar (mm)		Tebal (mm)	Berat Tanpa Ulir kg / m
(mm)	(in)	Mak	Min		
10	3/8	17,4	16,8	2,35	0,862
15	1/2	21,7	21,7	2,65	1,22
20	3/4	27,2	26,4	2,65	1,58
25	1	34,2	33,4	3,25	2,44
32	1 1/4	42,9	42,1	3,25	3,14
40	1 1/2	48,8	48,0	3,25	3,61
50	2	60,8	69,8	3,65	5,10
65	2 1/2	76,6	75,4	3,65	6,51
80	3	89,5	88,1	4,05	8,47
100	4	114,9	113,8	4,5	12,1
125	5	140,6	138,7	4,85	16,2
150	6	166,1	164,1	4,85	19,2
200	8	216,3	-	5,8	30,1
250	10	267,4	-	6,6	42,4
300	12	318,5	-	6,9	53

CARBON STEEL PIPE - Schedule 40

SIZE	OD (mm)	ID (mm)	TEBAL (mm)	Kg / M	Kg / 6M
1/ 2"	21,7	16,1	2,8	1,31	7,86
3/4"	27,2	21,4	2,9	1,74	10,44
1"	34	27,2	3,4	2,57	15,42
1 1/4"	42,7	35,5	3,6	3,47	20,82
1 1/2"	48,6	41,2	3,7	4,10	24,6
2"	60,5	52,7	3,9	5,44	32,64
2 1/2"	76,3	65,9	5,2	9,12	54,72
3"	89,1	78,1	5,5	11,3	67,80
4"	114,3	102,3	6	16	96
5"	139,8	126,6	6,6	21,7	130,2
6"	165,2	151	7,1	27,7	166,2
8"	216,3	199,9	8,2	42,1	252,6
10"	267,4	248,8	9,3	59,2	355,2
12"	318,5	297,9	10,3	78,3	469,8
14"	355,6	333,4	11,1	94,3	565,8
16"	406,4	393,7	12,7	123	738

SEAM LESS BOILER TUBES

SIZE	TEBAL (mm)	ID (mm)	Kg / M	Kg / 6 M	NOTE
1/ 2"	3,7	14,3	1,64	9,84	
3/4"	8,9	19,4	2,24	13,44	
1"	4,5	25	3,27	19,62	
1 1/4"	4,9	32,9	4,57	27,42	
1 1/2"	5,1	38,4	5,47	32,82	
2"	5,5	49,5	7,46	44,76	
2 1/2"	7	62,3	12	72	
3"	7,6	73,9	15,3	91,8	
4"	8,6	97,1	22,4	134,4	
5"	9,5	120,8	30,5	183	
6"	11	143,2	41,8	250,8	
8"	12,7	190,9	63,8	382,8	
10"	15,1	237,2	93,9	563,4	
12"	17,4	283,7	129	774	
14"	19	317,6	158	948	
16"	21,4	363,3	203	1,218	PIPA

PIPA PERSEGI

Square & Rectangular Tubes

SIZE (mm)	Wall Thickness (mm)	Calculated Weight (Kg s/m)
12 1/2 x 12 1/2	0.9	0.332
15 x 15	0.9	0.403
20 x 20	0.9	0.544
25 x 25	1.0	0.759
30 x 30	1.0	0.915
40 x 40	1.2	1.468
10 x 20	0.9	0.403
12 1/2 x 27 1/2	0.9	0.544
15 x 30	0.9	0.615
20 x 40	1.0	0.915
25 x 50	1.4	1.597
20 x 60	1.4	1.926

SEAM LESS BOILER TUBES

SIZE	OD (mm)	ID (mm)	TEBAL (mm)	Kg / M	Kg / 6 M
1/4"	13,5	9,9	1,8	0,522	3,13
3/8"	17,2	13,6	1,8	0,684	4,10
1 / 2"	21,3	17,3	2	0,962	5,772
3/4"	26,9	22,3	2,3	1,41	8,46
1"	33,7	30,8	2,9	2,22	13,32
-	31,8	26	2,9	2,068	12,408
1 1/4"	42,4	37,2	2,6	2,57	15,42
-	44,5	39,3	2,6	2,69	16,14
-	38	32,8	2,6	2,27	13,62
1 1/2"	48,3	42,5	2,9	3,27	19,62
2"	60,3	54,5	2,9	4,14	24,84
-	57	51,2	2,9	3,87	23,22
2 1/2"	76,1	70,3	2,9	5,28	31,68
3"	88,9	82,5	3,2	6,81	40,86
4"	114,3	106,3	4	11	66
5"	139,7	131,7	4	13,4	80,40
6"	168,3	159,3	4,5	18,18	109,08

BESI ASSENTAL (245C)
HOT ROLLED STEEL ROUND BAR

SIZE		WEIGHT	
D			
105 mm	- 6 M	408	Kg
110 mm	- 6 M	451,50	Kg
120 mm	- 6 M	535	Kg
130 mm	- 6 M	632	Kg
140 mm	- 6 M	732	Kg
150 mm	- 6 M	834	Kg
160 mm	- 6 M	952,50	Kg
170 mm	- 6 M	1.069	Kg
180 mm	- 6 M	1.203,50	Kg
190 mm	- 6 M	1.338	Kg
200 mm	- 6 M	1.482	Kg

BESI ASSENTAL (Ss41) / ST41

Shafting Bar

AS Putih

SIZE		WEIGHT
D		
1/4"	- 6 M	1,50 Kg
5/16"	- 6 M	2,50 Kg
3/8"	- 6 M	3,50 Kg
1 / 2"	- 6 M	6 Kg
5/8"	- 6 M	9,50 Kg
3/4"	- 6 M	13,50 Kg
7/8"	- 6 M	18,50 Kg
1"	- 6 M	24 Kg
1 1/4"	- 6 M	38 Kg
1 3/8"	- 6 M	46 Kg
1 1/2"	- 6 M	54 Kg
1 3/4"	- 6 M	74,50 Kg
2"	- 6 M	96 Kg
2 1/4"	- 6 M	122 Kg
2 1/2"	- 6 M	152 Kg
2 3/4"	- 6 M	183 Kg
3"	- 6 M	216 Kg
3 1/2"	- 6 M	296 Kg
4"	- 6 M	385 Kg
4 1/2"	- 6 M	486 Kg
5"	- 6 M	597 Kg
6"	- 6 M	860 Kg

BESI ASSENTAL (S45C)

Shafting Bar AS Hitam / ½ Baja

SIZE		WEIGHT
D		
1/4"	- 6 M	1,50 Kg
5/16"	- 6 M	2,50 Kg
3/8"	- 6 M	3,50 Kg
1 / 2"	- 6 M	6 Kg
5/8"	- 6 M	9,50 Kg
3/4"	- 6 M	13,50 Kg
7/8"	- 6 M	18,50 Kg
1"	- 6 M	24 Kg
1 1/4"	- 6 M	38 Kg
1 1/2"	- 6 M	54,50 Kg
1 3/4"	- 6 M	74,50 Kg
2"	- 6 M	97 Kg
2 1/4"	- 6 M	123 Kg
2 1/2"	- 6 M	152 Kg
2 3/4"	- 6 M	183 Kg
3"	- 6 M	220 Kg
3 1/2"	- 6 M	297 Kg
4"	- 6 M	390 Kg
4 1/2"	- 6 M	497 Kg
5"	- 6 M	603 Kg

BESI EMPAT PERSEGI / Square Bars

SIZE				WEIGHT
A	x	B		
3/8"	x	3/8"	- 6 M	4 Kg
(9 mm	x	9 mm)		
½"	x	½"	- 6 M	7 Kg
(12 mm	x	12 mm)		
5/8"	x	5/8"	- 6 M	12 Kg
(16 mm	x	16 mm)		
3/4"	x	3/4"	- 6 M	17,1 Kg
(19 mm	x	19 mm)		
7/8"	x	7/8"	- 6 M	22,8 Kg
(22 mm	x	22 mm)		
1"	x	1"	- 6 M	30 Kg
(25 mm	x	25 mm)		
1 1/8"	x	1 1/8"	- 6 M	37 Kg
(28 mm	x	28 mm)		
1 1/4"	x	1 1/4"	- 6 M	48,5 Kg
(32 mm	x	32 mm)		
1 1/2"	x	1 1/2"	- 6 M	68 Kg
(38 mm	x	38 mm)		
1 3/4"	x	1 3/4"	- 6 M	91 Kg
(44 mm	x	44 mm)		
2"	x	2"	- 6 M	118,5 Kg
(50 mm	x	9 mm)		

Tebal x Lebar x 0,00785 x 6 m = Berat (Kg)

BESI SEGI ENAM
Cold Drawn Hexagonal Bar

SIZE		WEIGHT
D		
1/4"	- 6 M	1,70 Kg
5/16"	- 6 M	2,60 Kg
3/8"	- 6 M	3,70 Kg
1 / 2"	- 6 M	6,70 Kg
5/8"	- 6 M	10,30 Kg
3/4"	- 6 M	15 Kg
7/8"	- 6 M	20,40 Kg
1"	- 6 M	26,70 Kg
1 1/4"	- 6 M	42 Kg
1 1/2"	- 6 M	60 Kg
1 3/4"	- 6 M	81,20 Kg
2"	- 6 M	105,20 Kg
2 1/4"	- 6 M	133,50 Kg
2 1/2"	- 6 M	165 Kg
2 3/4"	- 6 M	201 Kg
3"	- 6 M	241,50 Kg

BESI PLAT - ALUMINIUM ... / ALUMINIUM STEEL SHEET

SIZE	WEIGHT	NOTE
0,2 mm x 1 M x 2 M	1,06 Kg	
0,25 mm x 1 M x 2 M	1,32 Kg	
0,30 mm x 1 M x 2 M	1,60 Kg	
0,35 mm x 1 M x 2 M	1,85 Kg	
0,4 mm x 1 M x 2 M	2,12 Kg	
0,5 mm x 1 M x 2 M	2,65 Kg	
0,6 mm x 1 M x 2 M	3,20 Kg	
0,7 mm x 1 M x 2 M	3,70 Kg	
0,8 mm x 1 M x 2 M	4,25 Kg	
0,9 mm x 1 M x 2 M	4,80 Kg	
1 mm x 1 M x 2 M	5,30 Kg	
1,5 mm x 1 M x 2 M	7,95 Kg	
2 mm x 1 M x 2 M	10,60 Kg	
3 mm x 1 M x 2 M	15,90 Kg	
4 mm x 1 M x 2 M	21,20 Kg	
1,5 mm x 4' x 8'	11,70 Kg	
2 mm x 4' x 8'	15,60 Kg	
3 mm x 4' x 8'	23,40 Kg	
4 mm x 4' x 8'	31,20 Kg	
5 mm x 4' x 8'	39,00 Kg	
6 mm x 4' x 8'	46,80 Kg	
1,0 mm x 4' x 8'	7,80 Kg	
1,2 mm x 4' x 8'	9,40 Kg	

1 M x 2 M = TEBAL x 5,3 = BERAT (KG)
4' x 8' = TEBAL x 7,8 = BERAT (KG)

SENG / G.I SHEET

SIZE TXLXP mm cm	kaki	WEIGHT	NOTE
0,20 x 76,2	5	1,94	
-	6	2,33	
-	7	2,72	
-	8	3,11	
-	9	3,49	
-	10	3,88	
0,20 x 91,4 x	5	2,36	
-	6	2,76	
-	7	3,22	
-	8	3,68	
-	9	4,14	
-	10	4,60	
0,30 x 91,4 x	5	2,83	
-	6	3,40	
-	7	3,97	
-	8	4,53	
-	9	5,10	
-	10	5,67	
0,30 x 91,4 x	5	3,36	
-	6	4,03	
-	7	4,70	
-	8	5,36	
-	9	6,04	
-	10	6,72	
0,35 x 91,4 x	5	3,92	
-	6	4,70	
-	7	5,48	
-	8	6,72	
-	9	7,04	
-	10	7,83	
0,35 x 91,4 x 6,54		5,16	
0,40 x 91,4 x	5	5,30	
-	6	6,36	
-	7	7,42	
-	8	8,84	
0,50 x 91,4 x	5	6,71	
-	6	-	
-	7	-	

PIPA HITAM STK 41 - JIS, G - 3444

SIZE	OD (mm)	TEBAL (mm)	Kg/M	Kg/6M
2 1/2"	76,3	2,8	5,08	30,48
-	-	3,2	5,77	34,62
3"	89,1	3,2	6,78	40,68
4"	114,3	3,5	9,56	57,36
-	-	4,5	12,2	73,20
5"	139,8	4,5	15	90
-	-	6	19,8	118,80
6"	165,2	4,5	17,8	106,80
-	-	5	19,8	118,80
-	-	6	23,6	141,60
7"	190,7	5,3	24,2	145,20
8"	216,3	5,8	30,1	180,60
-	-	8,2	42,1	252,60
10"	267,4	6,6	42,4	254,40
12"	318,5	6,9	53	318
14"	355,6	7,9	67,70	406,20

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