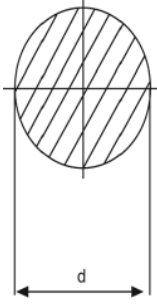


Yuvarlak Betonarme Çelik Çubuğu (B.A. Demiri)

STEEL MATERIAL

TS 708 - 1985 la
DIN 488 - 1972 Bst 22/34 GU



PROPERTIES FOR DESIGNING

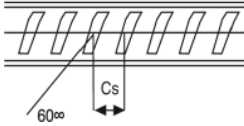
TS 708 - 1985
DIN 488 - 1972

Standart Çaplar	Metretul Ağırlığı G (Kg/m)	Çubuk Alanı F (m ²)	Çubuk Hacmi W (m ³)	Çubuk Çevresi U (cm ² /m)	Standart Boy (m)
6	0.222	0.283	0.021	189	Kangal
8	0.395	0.503	0.050	251	Kangal
10	0.617	0.785	0.098	314	Kangal
12	0.888	1.130	0.170	377	12.00 m
14	1.210	1.540	0.269	440	12.00 m
16	1.580	2.010	0.402	503	12.00 m
18	2.000	2.540	0.573	565	12.00 m
20	2.470	3.140	0.785	628	12.00 m
22	2.980	3.800	1.050	691	12.00 m
24	3.550	4.520	1.360	754	12.00 m
25	3.850	4.910	1.530	785	12.00 m
26	4.170	5.310	1.730	817	12.00 m
28	4.830	6.160	2.160	880	12.00 m
30	5.550	7.070	2.650	942	12.00 m
32	6.310	8.040	3.220	1010	12.00 m

Nervürlü Betonarme Çelik Çubukları

STEEL MATERIAL

TS 708 - 1985 la
DIN 488 - 1980 Bst 47/50 RU



YUVARLAK BETONARME ÇELİK ÇUBUĞUNUN

1 m (birim metre)

AĞIRLIĞININ PRATİK HESAPLANMASI

1 METRE İNŞAAT DEMİRİ

AĞIRLIK FORMÜLÜ : $0.00617 \times d^2$

d = Demir çapı mm olarak

Örnek:

8 mm demir için $0.00617 \times 8^2 = 0.395$ kg/m

12mm demir için $0.00617 \times 12^2 = 0.888$ kg/m

Standart Çaplar	G (Kg/m)	F (cm ²)	W (m ³)	U (cm ² /m)
10	0.617	0.785	0.098	314
12	0.888	1.130	0.170	377
14	1.210	1.540	0.269	440
16	1.580	2.010	0.402	503
18	2.000	2.540	0.573	565
20	2.470	3.140	0.785	628
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26	4.170	5.310	1.730	817
28	4.830	6.160	2.160	880
30	5.550	7.070	2.650	942
32	6.310	8.040	3.220	1010

Düzden Toru

$\emptyset 12 \rightarrow 1.13 \text{ cm}^2 \rightarrow 1.13 \times 0.70 = 0.79 \rightarrow \emptyset 10$

$\emptyset 14 \rightarrow 1.54 \text{ cm}^2 \rightarrow 1.54 \times 0.70 = 1.08 \rightarrow \emptyset 12$

$\emptyset 16 \rightarrow 2.01 \text{ cm}^2 \rightarrow 2.01 \times 0.70 = 1.41 \rightarrow \emptyset 14$

$\emptyset 18 \rightarrow 2.54 \text{ cm}^2 \rightarrow 2.54 \times 0.70 = 1.78 \rightarrow \emptyset 16$

Tordan Düzce

$\emptyset 8 \rightarrow 0.50 \text{ cm}^2 \rightarrow 0.50 \times 1.36 = 0.68 \rightarrow \emptyset 10$

$\emptyset 10 \rightarrow 0.79 \text{ cm}^2 \rightarrow 0.79 \times 1.36 = 1.07 \rightarrow \emptyset 12$

$\emptyset 12 \rightarrow 1.13 \text{ cm}^2 \rightarrow 1.13 \times 1.36 = 1.54 \rightarrow \emptyset 14$

$\emptyset 14 \rightarrow 1.54 \text{ cm}^2 \rightarrow 1.54 \times 1.36 = 2.09 \rightarrow \emptyset 16$