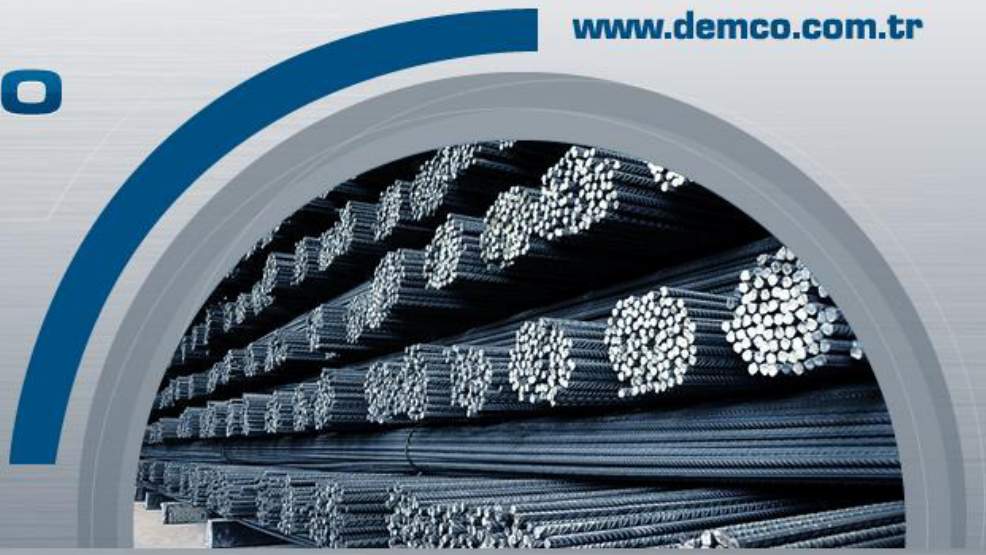


## İnşaat Demiri

Steel Rebar



### Demco İnşaat Demiri Mekanik Özellikleri

Standard	Grade	Nominal Diameter mm	Yield Strength MPa (min)	Tensile Strength MPa (min)	Tensile to Yield Ratio (min)	Elongation in 200 mm % (min)	Elongation (As) % (min)	Agt % (min)
ASTM A615	40	10	280	420	N/A	11	N/A	N/A
		14-18				12		
	60	10-19	420	620	N/A	9	N/A	N/A
		20-25				8		
		>25				7		
BS 4449: 1997	460 B	10 - 40	460	N/A	1.08	N/A	14	5
BS 4449: 2005	B500B	10 - 32	500	N/A	1.08	N/A	N/A	5
GCC Standard GS06/ISO	B400BR B400BWR	10-40	400	N/A	1.08	N/A	14	5
	B500BR B500BWR	10-32	500	N/A	1.08	N/A	14	5

### Demco İnşaat Demiri Kimyasal Özellikleri

Standard	Grade	Chemical Composition % (maximum)							
		C	Si	Mn	S	P	N	Cu	C.E.V
ASTM A615	60	...	...	...	...	0.060	...	...	...
BS 4449: 1997	460B	0.250	...	...	0.050	0.050	0.012	...	0.510
BS 4449: 2005	B500B	0.220	...	...	0.050	0.050	...	0.800	0.500
GCC Standard GS06/ISO 6935-2/2007	B400BR / B500BR	...	...	...	0.060	0.060	...	...	...
	B400BWR / B500BWR	0.220	0.600	1.600	0.050	0.050	0.012	...	0.50

**NOTE:**

1. Other elements Ni Cr, Mo, V, Nb, Ti may be added if required.
2. Higher nitrogen contents are permissible if sufficient quantities of nitrogen binding elements are present.
3. Product analysis may differ. Standard tolerances will apply.
4. Other equivalent grades are also possible.

**Linear Mass And Number Of Rebars In Bundles**

DIAMETER / mm	NOMINAL MASSKg / m	GCC STANDARD GS06 / ISO 6935- 2/2007	NUMBER OF 12 m BARS İN A BUNDLE
6	0,222	+/- 6 %	750
8	0,395	+/- 6 %	422
10	0,617	+/- 6 %	270
12	0,888	+/- 6 %	188
14	1,210	+/- 5 %	138
16	1,580	+/- 5 %	106
18	2,000	+/- 5 %	84
20	2,470	+/- 5 %	68
22	2,980	+/- 4 %	56
25	3,850	+/- 4 %	44
28	4,830	+/- 4 %	34
32	6,310	+/- 4 %	26
36	7,990	+/- 4 %	21
40	9,870	+/- 4 %	17

**DEMCO DEMİR ÇELİK****Merkez**

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