

Rebar Specification

Grade	Standard	Chemical				
		<u>C</u>	<u>Mn</u>	<u>Si</u>	<u>P</u>	<u>S</u>
A400(A3)	DIN 488 GOST 5781	Max 0.37%	Max 1.6%	Max 0.60%	Max 0.045%	Max 0.045%
A500(A4)	DIN 488 GOST 5781	Max 0.32%	Max 1.8%	Max 0.55%	Max 0.040%	Max 0.040%
A500C	GOST 34028	0.24%	0.35 - 0.45%	0.15% Max	0.025% Max	0.02% Max
B500B	EN10080	Max 0.22%	0.60-0.80%	Max 0.30%	Max 0.050%	Max 0.050%

Rebar Mechanical Properties

Grade	<u>Yield Strength</u>	<u>Tensile Strength</u>	<u>Relative Elongation</u>	<u>Ratio of Final Tensile/Yield Strength</u>
A400(A3)	400 MPa Min	600 MPa Min	0.16	1.25
A500(A4)	500 MPa Min	650 MPa Min	0.1	1.25
A500C	500 MPa Min	600 MPa Max	0.14	1.08
B500B	500 MPa Min	600 MPa Min	Min 15%	Min 1.08

Size: 8-10-12-14-16-18-20-22-25-28-32Packing: Bundle