



Steel Rebar

➤ Mechanical Specification

TYPE		Min Yield Stress (N/mm ²)	Min Tensile Strength (N/mm ²)	Min Elongation % (ISIRI 3132)
Standard ISIRI 3132	Standard GOST 5781			
AJ340	A2	340	500	15
AJ400	A3	400	600	12
AJ500	A4	500	650	8

➤ Dimension and Mass

Nominal Diameter (mm)	Nominal Cross-sectional area (mm ²)	Mass per length (kg/m)	Permissible Deviation (%)	Longitudinal rib		Transverse rib (mm)			
				Max height (mm)	Max width (mm)	Min Width	Max Width	Min Height	
								In the middle	At the quarter
8	50.3	0.395	8±	0.8	0.8	0.8	1.6	0.52	0.36
10	78.5	0.616	6±	1.0	1.0	1.0	2.0	0.65	0.45
12	113	0.888	6±	1.2	1.2	1.2	2.4	0.78	0.54
14	154	1.21	5±	1.4	1.4	1.4	2.8	0.91	0.63
16	201	1.58	5±	1.6	1.6	1.6	3.2	1.04	0.72
18	254	2.00	5±	1.8	1.8	1.8	3.6	1.17	0.81
20	314	2.47	5±	2.0	2.0	2.0	4.0	1.30	0.90
22	380	2.98	5±	2.2	2.2	2.2	4.4	1.43	0.99
25	491	3.85	4±	2.5	2.5	2.5	5.0	1.63	1.13
28	616	4.83	4±	2.8	2.8	2.8	5.6	1.82	1.26
32	804	6.31	4±	3.2	3.2	3.2	6.4	2.09	1.44

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