



Chemical Composition

Steel Class	Chemical Composition(%)				
	C	Si	Mn	P	S
BjTS 30		0.27 max	0.55 max	1.50 max	
BjTS 35		0.27 max	0.55 max	1.60 max	
BjTS 40		0.29 max	0.55 max	1.80 max	
BjTS 50		0.32 max	0.55 max	1.80 max	

Mechanical Properties

Deformed Bars

Steel Class Min Yield Point	Tensile Test (kgf/mm ²)	Bending Test Min Tensile Strength	(kgf/mm ²)	Min
BjTS 30	30	45	18	
BjTS 35	35	50	20	
BjTS 40	40	57	18	
BjTS 50	50	63	14	

Dimension

Designation	Cross Sectional Area (mm ²)	Unit Weight	
Effective	(kg/m)	Tolerance	(%)
D 10	78.54	0.617	± 7
D 13	132.7	1.04	± 6
D 16	201.1	1.58	± 6

Deformed Bars

D 19	283.5	2.23	± 5
D 22	380.1	2.98	± 5
D 25	490.9	3.85	± 5
D 29	662.5	5.18	± 4
D 32	804.2	6.31	± 4
D 36	1018.0	7.99	± 4