

MECHANICAL PROPERTIES OF BOLT (JSS II 09)

GRADE OF BOLT ACCORDING TO MECHANICAL PROPERTIES	PROOF STRESS N/mm ² (kgf/mm ²)	Tensile Strength N/mm ² (kgf/mm ²)	Elongation %	Reduction of area %
S10T	900 min	1000-1200	14 min	40 min

GRADE OF NUT ACCORDING TO MECHANICAL PROPERTIES	HARDNESS		PROOF LOAD
	MINIMUM	MAXIMUM	
F10	95 HRB	35 HRC	Same as tensile (breaking) load (min) of bolt

GRADE OF WASHER ACCORDING TO MECHANICAL PROPERTIES OF HARDNESS	HARDNESS
F35	35 to 45 HRC