



IRAN TRANSFO

Thread stud bolts Production method : metal forming – rolling

ITN
200.085

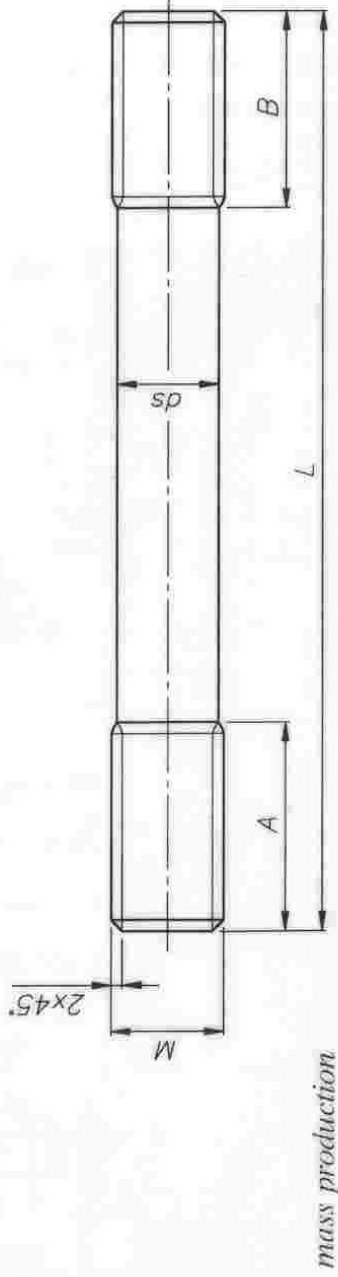
Z 2120
R 79.6802

1) Field of application :

This standard specifies dimensions and technical delivery conditions for stud bolts with metric thread used in series productions of IRAN TRANSFO – REY Co.

2) Dimensions (in mm) :

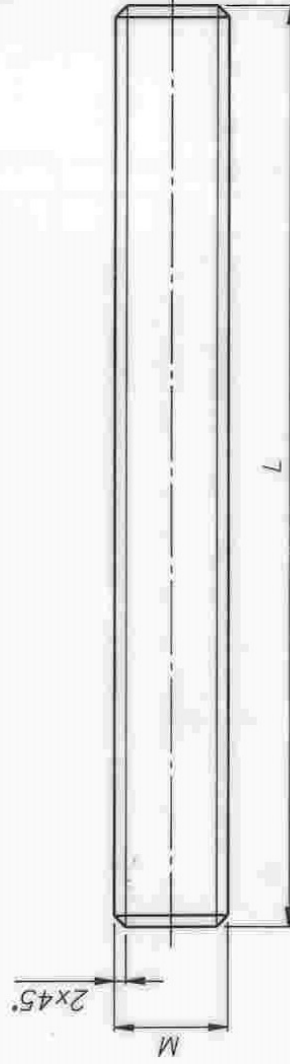
Type C)



mass production

kVA	Thread size	A	B	ds shank diameters	Property Class
	M × Pitch				
25 ... 315	M12 × 1.75	30 ⁺² ₋₀	60 ⁺² ₋₀	10.7 ^{+1.3} _{-0.3}	5.8
400 ... 630	M16 × 2	30 ⁺² ₋₀	70 ⁺² ₋₀	14.5 ^{+1.5} _{-0.2}	
800 ... 2000	M20 × 2.5	40 ⁺² ₋₀	70 ⁺² ₋₀	18.2 ^{+1.8} _{-0.3}	

Type B)



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mass production

kVA	Thread size	Property
	$M \times Pitch$	Class
all	$M10 \times 1.5$	8.8

3) Designation :

Mass production

Designation of a M12 stud bolt type C with a nominal length , L , of 625 mm and thread lengths 30 mm and 60 mm :

Stud bolt ITN 200.085 – M12 × 625 – C

Designation of a M10 stud bolt type B with a nominal length , L , of 170 mm :

Stud bolt ITN 200.85 – M10 × 170 – B

4) Technical delivery conditions :

Material	Steel	
General requirements	DIN 267 – 1.	
Thread	Tolerance	6 g
	As specified in	DIN 13 – 15.
	Standard	DIN 13 – 1.
mechanical properties	Property class : type A	5.6
	Property class : type B	8.8
	As specified in	DIN ISO 898-1. test Programme B
Surface finish	As specified in DIN 976-1.	
geometrical tolerance	L	± 2 mm
	not given	ISO 4759 – 1.
Acceptance inspection	DIN 267 – 5.	

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