

Technical Data Sheet Continues Cast Carbon and Low Alloy Steel Billet

Size: 125 and 150 mm

Delivery Standards: EN 10080-2005, DIN 488-1, ASTM A615-2015, GOST 380-2005, INSO 20300-1398

Shape: Squair Billet

A-Chemical Analysis

INSO 3132-1392

Grade	C(max)	Si(max)	Mn(max)	P(max)	S(max)	N(max)	CE(max)
A 240	-	0.55	0.75	0.050	0.050	-	-
A 340	0.32	0.60	1.3	0.045	0.045	-	0.50
A 350	0.27	0.55	1.6	0.040	0.040	0.012	0.51
A 400	0.37	0.60	1.6	0.045	0.045	-	-
A 420	0.30	0.55	1.5	0.040	0.040	0.012	0.56
A 500	0.40	0.60	1.8	0.045	0.045	-	-
A 520	0.32	0.55	1.8	0.040	0.040	0.012	0.61

GOST380-2008

Grade	C	Si	Mn	S(max)	P(max)	other
ST 3SP	0.14-0.22	0.15-0.30	0.40-0.65	0.04	0.04	
ST 4SP	0.18-0.27	0.15-0.30	0.40-0.70	0.04	0.04	
ST 5SP	0.28-0.37	0.15-0.30	0.50-0.80	0.04	0.04	

EN 10025-2 2017

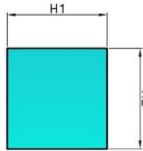
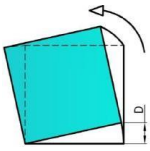

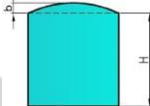
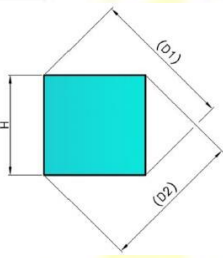
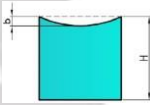
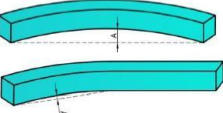
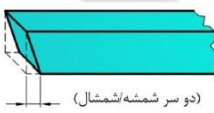
Grade	C(max)	Si(max)	Mn(max)	S(max)	P(max)	other
S275JR (ST 44)	0.21	-	1.4	0.045	0.045	
S355JR (ST 52)	0.24	0.55	1.6	0.045	0.045	

DIN 488-1

Grade	C	Si(max)	Mn	P (max)	S (max)	Cu(max)	N(max)	CE(max)
B500A	0.18-0.22	0.3	0.55-0.65	0.05	0.05	0.8	0.012	0.35
B500B	0.18-0.22	0.3	0.60-0.80	0.05	0.05	0.8	0.012	0.35
B500C	0.18-0.22	0.3	0.65-0.85	0.05	0.05	0.8	0.012	0.35



B-Dimensional and Geometrical Properties

Description	Tolerance	Shape	Description	Tolerance	Shape
Size	-3% 4%		Twist	1 degree/m	
Length	±100 mm		Concavity	$b/H \leq 2\%$	
Rombodiy	$D_2 - D_1 / D_2 \leq 4\%$		Convexity	$b/H \leq 2\%$	
Bending	≤ 8 mm/m		Skew	15 mm	

صنعت تجارت پردیس آذربایجان

