

Mediterranean:

Steel Billet Specifications



1. Specification

a) Quality

Billet supplied according to the Russian grade GOST

380-94 5sp/ps (3805sp)

C:	0.28 - 0.37%	S:	0.05% max
Si:	0.15 - 0.30%	Cr:	0.30% max
Mn:	0.50 - 0.80%	Ni:	0.30% max
P:	0.04% max		
Cu:	0.40% max (for scrap and pig process is permitted)		

GOST 380-05 5ps (3805P)

C:	0.28 - 0.37%	S:	0.05% max
Si:	0.05 - 0.15%	Cr:	0.30% max
Mn:	0.50 - 0.80%	Ni:	0.30% max
P:	0.05% max		
Cu:	0.40% max (for scrap and pig process is permitted)		

GOST 380-05 5sp (3805S)

C:	0.28 - 0.37%	S:	0.05% max
Si:	0.15 - 0.30%	Cr:	0.35% max
Mn:	0.50 - 0.80%	Ni:	0.35% max
P:	0.05% max		
Cu:	0.40% max (for scrap and pig process is permitted)		

Billet supplied according to the Chinese grade 20MnSi

C:	0.17 - 0.25%	S:	0.045% max
Si:	0.40 - 0.80%	Cr:	0.30% max
Mn:	1.20 - 1.60%	Ni:	0.30% max
P:	0.045% max	Cu:	0.30% max

Billet supplied according to the grade

ASTM A615/A,615M-07 Grade 60 (A61560)

C:	0.32 - 0.37%	S:	0.30% max
Si:	0.15 - 0.30%	Cr:	0.20% max
Mn:	1.30 - 1.40%	Ni:	0.20% max
P:	0.06% max	Cu:	0.30% max

b) Shapes & Lengths

Shapes

100mm x 100mm	130mm x 130mm
120mm x 120mm	140mm x 140mm
125mm x 125mm	150mm x 150mm

Lengths

5,800mm - 6,000mm, (+/-100mm)
11,700mm -12,000mm, (+/-100mm)

c) Brands

All steel billets delivered must be from the production of those brands named in the LME-approved brands list.

2. Lot size

Lot size (warrant): 65 metric tonnes (+/-3.5%).

Each lot (65 metric tonnes) to be made up from one size, length, brand and grade only.

3. Delivery

In suitable customs approved storage facilities by LME listed warehouse companies

Delivery points for the Mediterranean contract: Tekirdag & Marmara, Turkey; Dubai, United Arab Emirates; Antwerp, Belgium; Rotterdam, The Netherlands



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LONDON METAL EXCHANGE

Far East:

Steel Billet Specifications



1. Specification

a) Quality

Billet supplied according to the Russian grade GOST

380-94 5sp/ps (3805sp)

C:	0.28 - 0.37%	S:	0.05% max
Si:	0.15 - 0.30%	Cr:	0.30% max
Mn:	0.50 - 0.80%	Ni:	0.30% max
P:	0.04% max		
Cu:	0.40% max (for scrap and pig process is permitted)		

GOST 380-05 5ps (3805P)

C:	0.28 - 0.37%	S:	0.05% max
Si:	0.05 - 0.15%	Cr:	0.30% max
Mn:	0.50 - 0.80%	Ni:	0.30% max
P:	0.05% max		
Cu:	0.40% max (for scrap and pig process is permitted)		

GOST 380-05 5sp (3805S)

C:	0.28 - 0.37%	S:	0.05% max
Si:	0.15 - 0.30%	Cr:	0.35% max
Mn:	0.50 - 0.80%	Ni:	0.35% max
P:	0.05% max		
Cu:	0.40% max (for scrap and pig process is permitted)		

Billet supplied according to the Chinese grade 20MnSi

C:	0.17 - 0.25%	S:	0.045% max
Si:	0.40 - 0.80%	Cr:	0.30% max
Mn:	1.20 - 1.60%	Ni:	0.30% max
P:	0.045% max	Cu:	0.30% max

Billet supplied according to the grade

ASTM A615/A,615M-07 Grade 60 (A61560)

C:	0.32 - 0.37%	S:	0.30% max
Si:	0.15 - 0.30%	Cr:	0.20% max
Mn:	1.30 - 1.40%	Ni:	0.20% max
P:	0.06% max	Cu:	0.30% max

Billet supplied according to the Russian grade GOST

380-94 grade 3sp/ps (3803sp)

C:	0.14 - 0.22%	S:	0.05% max
Si:	0.15 - 0.30%	Cr:	0.30% max
Mn:	0.40 - 0.65%	Ni:	0.30% max
P:	0.04% max		
Cu:	0.40% max (for scrap and pig process is permitted)		

GOST 380-05 3ps (3803P)

C:	0.14 - 0.22%	S:	0.05% max
Si:	0.05 - 0.15%	Cr:	0.30% max
Mn:	0.25 - 0.65%	Ni:	0.30% max
P:	0.05% max		
Cu:	0.40% max (for scrap and pig process is permitted)		

GOST 380-05 3sp (3803S)

C:	0.14 - 0.22%	S:	0.05% max
Si:	0.15 - 0.30%	Cr:	0.30% max
Mn:	0.30 - 0.65%	Ni:	0.30% max
P:	0.05% max		
Cu:	0.40% max (for scrap and pig process is permitted)		

Billet supplied according to the GB Chinese grade Q235

C:	0.14 - 0.22%	P:	0.045% max
Si:	0.12 - 0.30%	S:	0.05% max
Mn:	0.30 - 0.65%		

Billet supplied according to the grade BS4449:2005 (BS4449)

C:	0.24% max	Cu:	0.85% max
S:	0.055% max	Ni:	0.014% max
P:	0.055% max		

b) Shapes & Lengths

Shapes

100mm x 100mm	130mm x 130mm
120mm x 120mm	140mm x 140mm
125mm x 125mm	150mm x 150mm

Lengths

5,800mm - 6,000mm, (+/-100mm)
11,700mm -12,000mm, (+/-100mm)

c) Brands

All steel billets delivered must be from the production of those brands named in the LME-approved brands list.

2. Lot size

Lot size (warrant): 65 metric tonnes (+/-3.5%).

Each lot (65 metric tonnes) to be made up from one size and length only.

3. Delivery

In suitable customs approved storage facilities by LME listed warehouse companies

Delivery points for the Far East contract: Incheon, South Korea and Johor, Malaysia



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