

HEXAHEDRAL ROLLED SHAPES

Steel hot-rolled hexahedral rolled product	GOST 2879-88
Rolled products from quality carbon structural steel	GOST 1050-88
Rolled products from alloy structural steel	GOST 4543-71
Rolled products from spring carbon and alloy steel	GOST 14959-79

Bar length

Hexahedral rolled products are manufactured to a conventional degree of rolling accuracy and are supplied as bars:

of standard length,

of length multiple to the standard one,

of nonstandard length.

Length tolerances for rolled products of standard and nonstandard length should not exceed the following values:

+50 mm at length of 4 through 6 m, inclusive,

+70 mm at length of 6 m,

on customer's demand:

+40 mm at length of over 4 m through 7 m, inclusive,

+5 mm per each meter of length at a length of more than 7 m.

Range of products

Inscribed circle diameter, mm	Diameter tolerance, mm	Cross-sectional area, cm ²	Mass per one running meter of bar, kg	Corner rounding-off, not more than, mm	Bar curvature, mm				
					1 st class	2 nd class			
15	+0.3 -0.5	1.948	1.53	1.5	0.5% of bar length	Not rated			
16		2.217	1.714						
19		3.126	2.45						
21	+0.4 -0.5	3.822	3.00						
24		4.933	3.92						
26	+0.4 -0.7	5.847	4.59				2.0	0.4% of bar length	0.5% of bar length
29		6.790	5.33						
32		8.868	6.96						
34		10.010	7.86						
38		12.510	9.82						
43		Nonstandard	Nonstandard						
48	20.000	15.66							
				For circle diameter more than 55 mm: 3.0					

Rolled shapes may be supplied in coils, if it is agreed upon with a customer.