

Growth Steel Bright Shafting Bars are all 'cold drawn' to give dimension stability.

The Growth Steel Bright Shafting Bars Production is on 5 dedicated drawing lines and the bright shafting bars are manufactured under strict quality controls to ensure consistency and conformity to regional and international standards.

Growth Steel Bright Shafting Bars are manufactured to, and conform to the major world standards for angle bar.

The standards and grades of Growth Steel steel bright shafting bars available are:-

JIS G3123: 2004, Grade SGD290-D

Hardness – 50 - 99 HRB
Tensile Str'th – 340 - 740 N/mm²

C: 0.10 - 0,15%
Mn: 0.30 - 0.60%
S: 0.045% max
P: 0.045% max

JIS G3123: 2004, Grade SGD400-D

Hardness – 69 - 103 HRB
Tensile Str'th – 450 - 850 N/mm²

C: 0.20 - 0,25%
Mn: 0.30 - 0.60%
S: 0.045% max
P: 0.045% max

Bright Shafting Bar Dimensional Specifications:

Nominal sizes (a);
All dimensions imperial

3/8"
1/2"
5/8"
3/4"
1"
1,1/2"
2"
2,1/2"
3"

Nominal lengths (l), all grades:

6 meters
Other lengths to order
Tolerance: +10/-0, or as agreed with buyer