

Steel Squares

SERIES 916

Regular type and beveled-edge type steel squares.

All edges are hardened and precision ground. (Only blade is hardened on engineers Square)

SPECIFICATIONS

Beveled Edge Squares

Inch

Size	Order No.	Outside Dim.	Squareness
2"	916-100	2 x 1.6"	.00010"
3"	916-101	3 x 2"	.00011"
4"	916-102	4 x 2.75"	.00012"
6"	916-103	6 x 4"	.00014"
8"	916-104	8 x 5"	.00018"

Regular Squares

Inch

Size	Order No.	Outside Dim.	Squareness
3"	916-401	2.9 x 1.9"	.00026"
4"	916-402	3.9 x 2.7"	.00028"
6"	916-403	5.9 x 3.9"	.00032"
8"	916-404	7.8 x 5.1"	.00036"
10"	916-405	9.8 x 6.5"	.00040"
12"	916-406	11.8 x 7.8"	.00044"
16"	916-407	15.7 x 9.8"	.00052"
20"	916-408	19.6 x 11.8"	.00059"
30"	916-409	29.7 x 15.7"	.00080"
40"	916-410	39.3 x 19.6"	.00116"

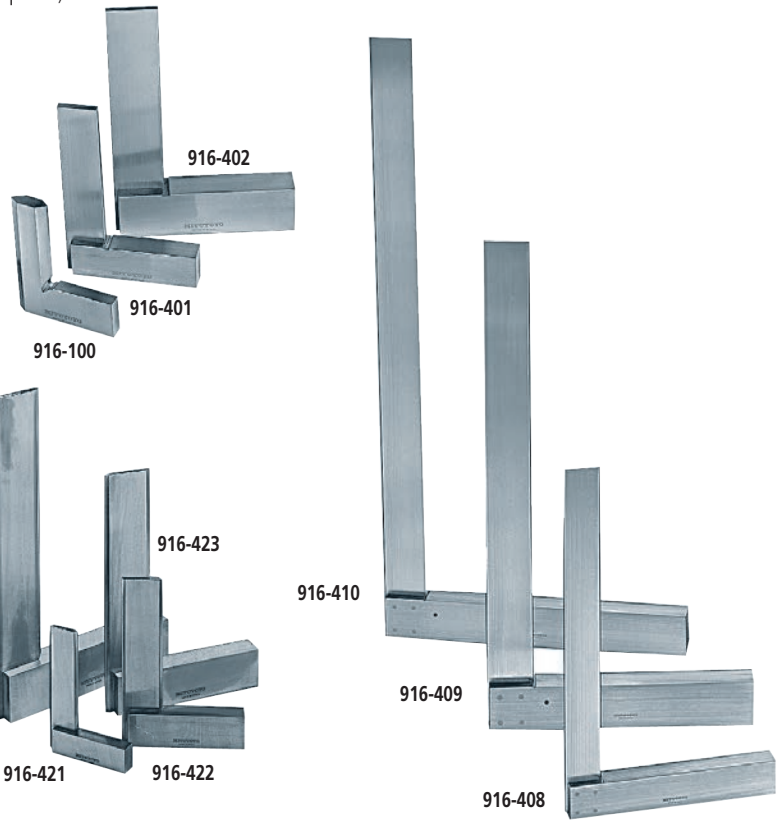
Regular Squares "Engineers Square"

Size	Order No.	Outside Dim.	Squareness
2"	916-590	2.70 x 1.98"	.00063"
3"	916-591	3.73 x 2.38"	.00063"
4"	916-592	4.65 x 2.97"	.00063"
6"	916-593	6.85 x 3.93"	.00063"
9"	916-594	10.50 x 6.30"	.0008"
12"	916-595	13.63 x 8.25"	.001"
18"	916-596	20.25 x 10.50"	.0012"
24"	916-597	26.83 x 13.35"	.0015"
2, 3, 4, 6" Set	916-598		
4, 6, 9, 12" Set	916-599		

Beveled Edge Squares with Beam

Inch

Size	Order No.	Outside Dim.	Squareness
3"	916-421	3 x 2"	.000091"
4"	916-422	4 x 2.75"	.000094"
6"	916-423	6 x 4"	.00010"
8"	916-424	8 x 5"	.00011"



High Precision Square

SERIES 311

FEATURES

The High Precision Square is a gage used for inspecting the travel straightness and axial perpendicularity of moving elements on equipment such as machine tools, CMMs, form measuring machines and semiconductor related equipment.

- Four precision-lapped reference surfaces.
- Better than 1µm/300mm straightness and perpendicularity.

SPECIFICATIONS

Metric

Order No.	Dimension (W x L x T)	Mass
311-111	90 x 110 x 25mm	1.5kg
311-112	160 x 210 x 25mm	5.0kg
311-113	260 x 310 x 30mm	14.0kg

* 311-113 is supplied with a removable handle.



311-111



311-112



311-113