

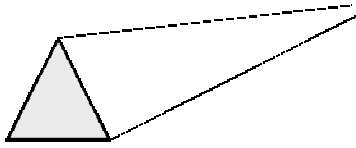
OCTAGON

Rolling standard

range of dimension: **key width 10 - 50 mm**
permissible variation: **10 - 15,9 mm +/- 0,4 mm**
16 - 25,4 mm +/- 0,5 mm
25,5 - 37,4 mm +/- 0,6 mm
37,5 - 50 mm +/- 0,8 mm
straightness: **4 mm / m**
surface grade: **EN 10221 KI. B**

Drawing standard

range of dimension: **key width 10 - 50 mm**
permissible variation: **ISO h11**
10 - 18 mm - 0,11
18,1 - 30 mm - 0,13
30,1 - 50 mm - 0,16
straightness: **2 mm / m**
surface grade: **EN 10221 KI. D**
surface roughness: **N 9**

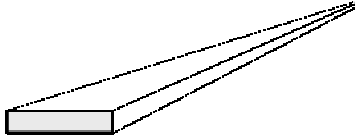


TRIANGLE

Rolling standard

range of dimension: **side length 8 - 50 mm**
permissible variation: **8 - 15,9 mm +/- 0,4 mm**
16 - 25,4 mm +/- 0,5 mm
25,5 - 37,4 mm +/- 0,6 mm
37,5 - 50 mm +/- 0,8 mm

straightness: **4 mm / m**
surface grade: **EN 10221 KI. B**



FLAT

Rolling standard

range of dimension: **cross sectional area >20 bis
<= 4.000 mm², width 7 - 120
mm, thickness 2 - 50 mm**

permissible variation: **as per DIN 1017**

width:

7 - 37,9 mm	+/- 0,75 mm
38 - 79,9 mm	+/- 1,0 mm
80 - 109,9 mm	+/- 1,5 mm
110 - 120 mm	+/- 2,0 mm

thickness:

2 - 21,9 mm	+/- 0,5 mm
22 - 50 mm	+/- 1,0 mm

straightness: **4 mm / m**

surface grade: **EN 10221 KI. B**

Drawing standard

range of dimension: **cross section 100 - 2.000
mm²,
proportion width : thickness
<= 1 : 10, min. thickness >=
3 mm**

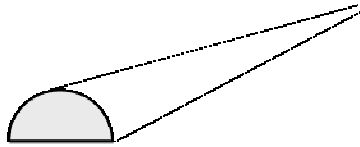
permissible variation: **ISO h11 (DIN 174)**

3,1 - 6 mm	- 0,075
6,1 - 10 mm	- 0,09
10,1 - 18 mm	- 0,11
18,1 - 30 mm	- 0,13
30,1 - 50 mm	- 0,16
50,1 - 80 mm	- 0,19
80,1 - 120 mm	- 0,22

straightness: **2 mm / m**

surface grade: **EN 10221 KI. D**

surface roughness: **N 9**



HALFROUND

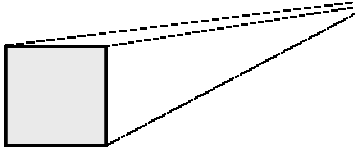
Rolling standard

range of dimension: **width 8 - 80 mm,**
thickness 3 - 40 mm

permissible variation: width:
8 - 20 mm +/- 0,5 mm
20,1 - 40 mm +/- 0,6 mm
40,1 - 60 mm +/- 0,8 mm
60,1 - 80 mm +/- 1,0 mm
thickness:
3 - 20 mm +/- 0,4 mm
20,1 - 40 mm +/- 0,5 mm

straightness: **4 mm / m**

surface grade: **EN 10221 KI. B**



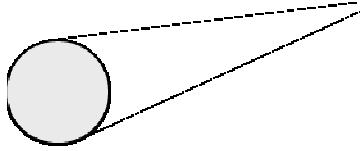
SQUARE

Rolling standard

range of dimension: **side length 6 - 50 mm**
permissible variation: **as per DIN 1014**
6 - 15,9 mm +/- 0,4 mm
16 - 25,9 mm +/- 0,5 mm
26 - 35,9 mm +/- 0,6 mm
36 - 50 mm +/- 0,8 mm
straightness: **4 mm / m**
surface grade: **EN 10221 KI. B**

Drawing standard

range of dimension: **side length 10 - 50 mm**
permissible variation: **ISO h11 (DIN 178)**
10 - 18 mm - 0,11
18,1 - 30 mm - 0,13
30,1 - 50 mm - 0,16
straightness: **2 mm / m**
surface grade: **EN 10221 KI. D**
surface roughness: **N 9**



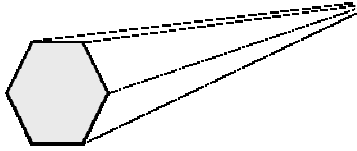
ROUND

Rolling standard

range of dimension:	diameter 6 - 50 mm
permissible variation:	as per DIN 1013
	6 - 15,4 mm +/- 0,4 mm
	15,5 - 25,4 mm +/- 0,5 mm
	25,5 - 35,9 mm +/- 0,6 mm
	36 - 50 mm +/- 0,8 mm
straightness:	4 mm / m
surface grade:	EN 10221 Kl. B

Drawing standard

range of dimension:	diameter 10 - 50 mm
permissible variation:	ISO h11 (DIN 668)
	10 - 18 mm - 0,11
	18,1 - 30 mm - 0,13
	30,1 - 50 mm - 0,16
straightness:	4 mm / m
surface grade:	EN 10221 Kl. D
surface roughness:	N 9



HEXAGON

Rolling standard

range of dimension:	key width: 10 - 50 mm
permissible variation:	as per DIN 1015
	10 - 15,9 mm +/- 0,4 mm
	16 - 25,4 mm +/- 0,5 mm
	25,5 - 37,4 mm +/- 0,6 mm
	37,5 - 50 mm +/- 0,8 mm
straightness:	4 mm / m
surface grade:	EN 10221 KI. B

Drawing standard

range of dimension:	key width: 10 - 50 mm
permissible variation:	ISO h11 (DIN 176)
	10 - 18 mm - 0,11
	18,1 - 30 mm - 0,13
	30,1 - 50 mm - 0,16
straightness:	2 mm / m
surface grade:	EN 10221 KI. D
surface roughness:	N 9