

Shaped wire

Edition 01/2012
Replaces edition 01/2010

Applicable specification:

Material according to EN 10270 - 1 & 2 as well as other international standards and customers specifications.

Types of material:

cold drawn or cold rolled, oiltempered

Raw material:

wire rod according to in-house specifications

Mechanical properties:

tensile and hardness according to customer requirements

Shapes:

square, rectangular, trapezoidal, halfround, oval, special shapes on request according to customer requirements

Applications:

bowdencables, furniture parts, electrical connector parts, conveyer screws, circlips, piston rings, die stamps



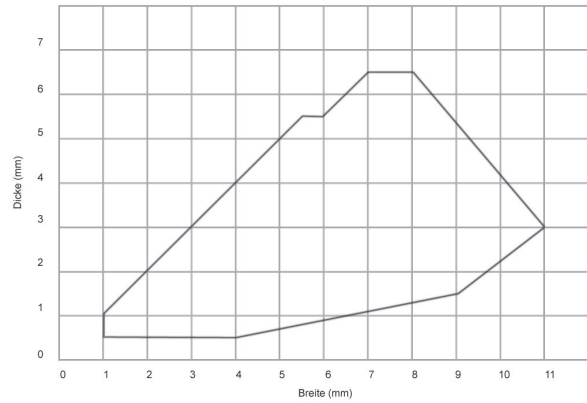
Dimensional range and tolerances:

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Shaped wire:

min. size
0,4 * 0,4 mm

corner configuration min. 0,10 mm



Tolerances:

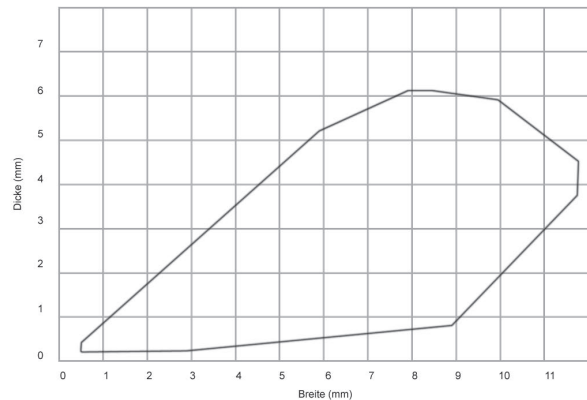
size	tolerances	
0.40 mm - 1.00 mm	+/- 0.015 mm	(square +/- 0.01 mm)
>1.00 mm - 3.00 mm	+/- 0.020 mm	
>3.00 mm - 5.00 mm	+/- 0.030 mm	
>5.00 mm - 7.00 mm	+/- 0.040 mm	
>7.00 mm	+/- 0.050 mm	

Other dimensions and tolerances on special request

Flat wire:

thickness: min 0,30 mm

w/t max. 10



Tolerances:

nominal width	tolerances	thickness	tolerances
0.60mm - 3.00 mm	+/- 0.05 mm	0.30 mm - 1.00 mm	+/- 0.015 mm
>3.00 mm - 5.00 mm	+/- 0.07 mm	>1.00 mm - 2.50 mm	+/- 0.020 mm
>5.00 mm	+/- 0.10 mm	>2.50 mm - 4.00 mm	+/- 0.025 mm
	+/- 0.15 mm	>4.00 mm - 5.00 mm	+/- 0.030 mm
		>5.00 mm	+/- 0.040 mm

Other dimensions and tolerances on special request