

KEILIND

TRIANGULAR WIRES SUPPORT RODS

**Kalpatech Engineers &
Industries Ltd.**

An IATF 16949:2016 Certified Company



Description

Triangular Wire

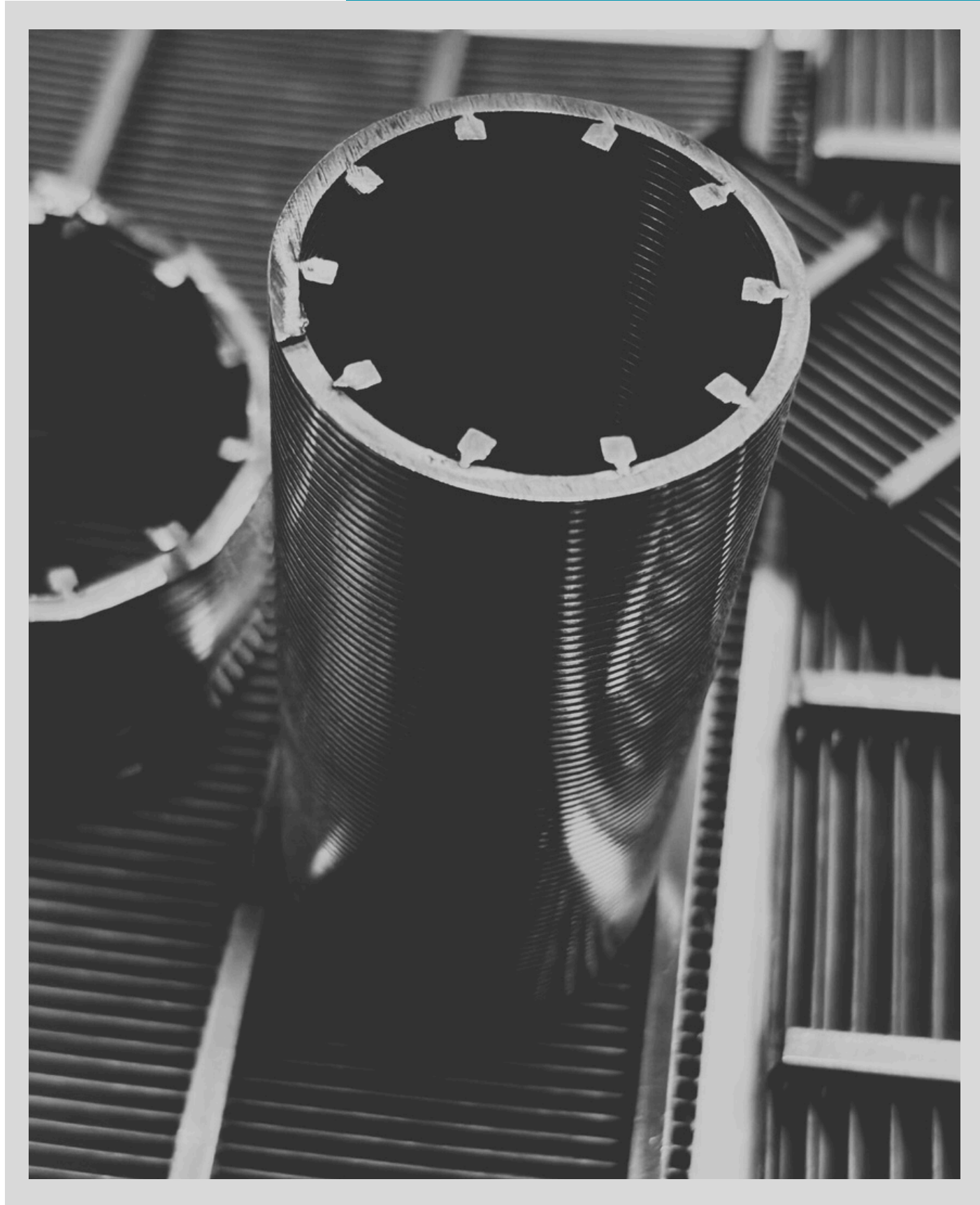
Triangular wires form the V-shaped profiles in wedge wire screens, creating non-clogging slots for efficient filtration.

Support Rod

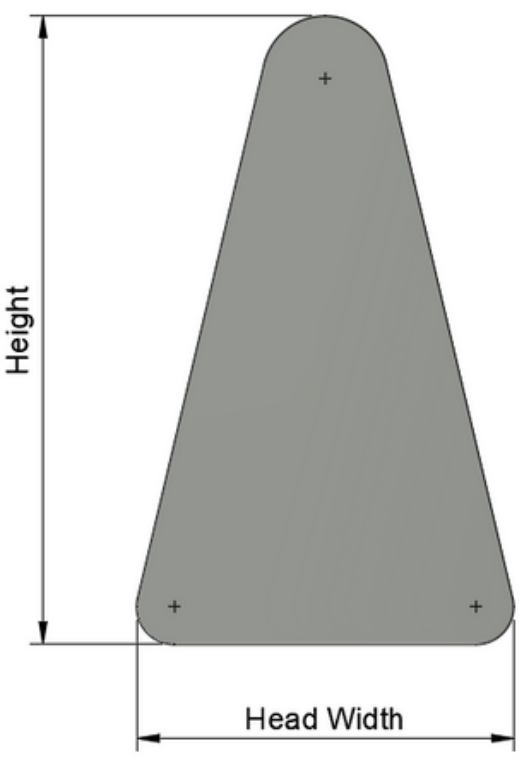
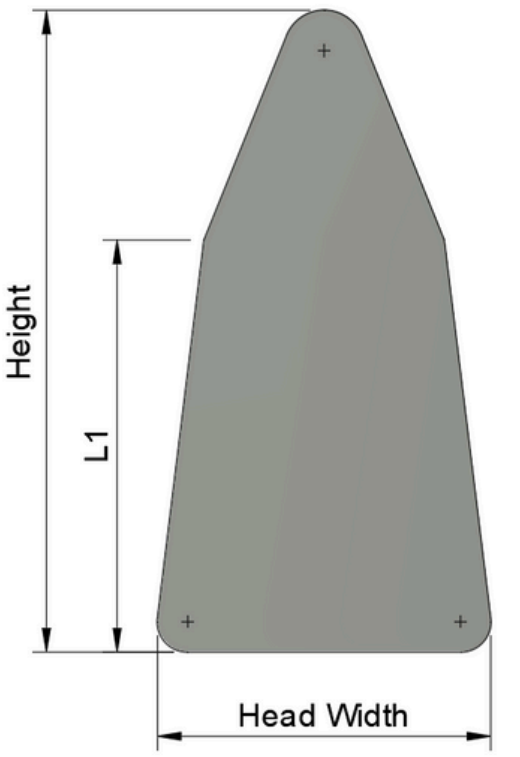
Support rods are the underlying load-bearing elements of wedge wire screens, providing structural integrity and fixed spacing for the profile wires.

Custom Profiles for Screens

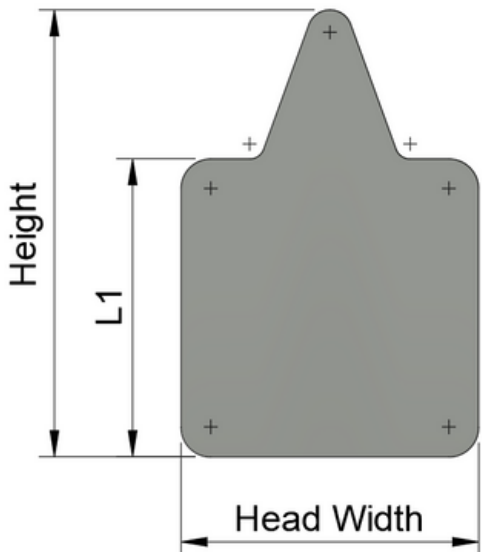
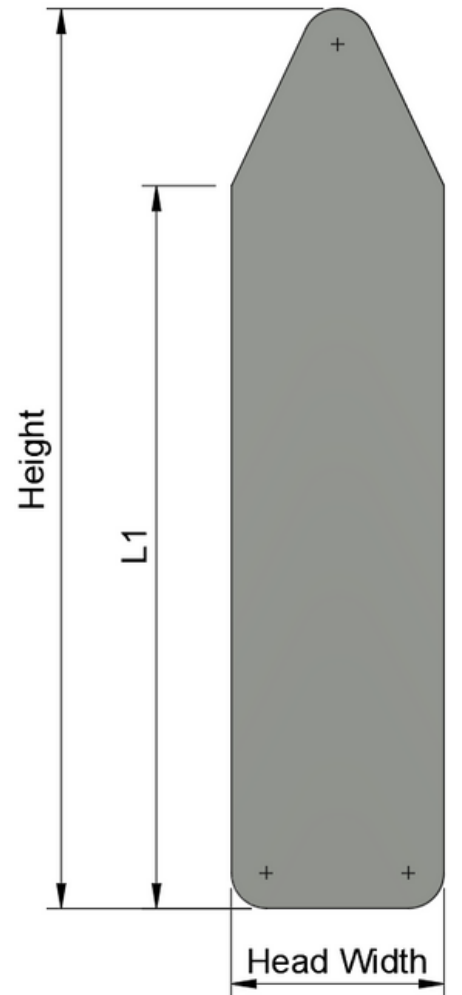
Custom profile wires are specially engineered geometries for wedge wire screens, optimizing filtration and flow for specific industrial requirements.



Our Range of Triangular Wires

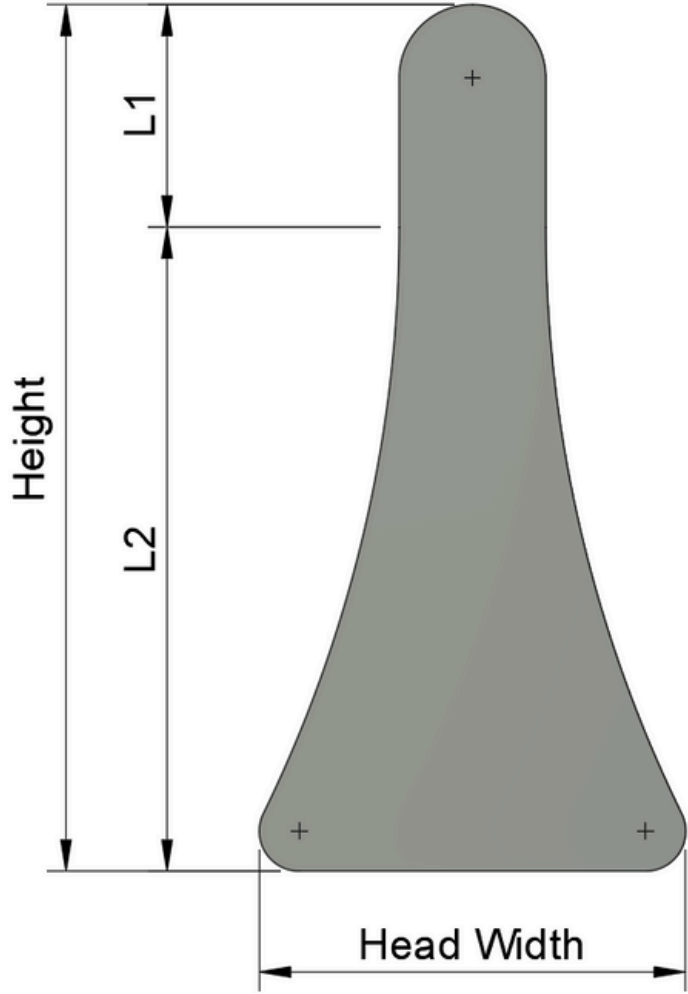
Triangular Wire	Head Width*	Height*	Sp. Triangular Wire	Head Width*	Height*	L1*
	0.75	1.25		2.20	4.50	0.50
	1.00	2.00		2.20	5.00	0.50
	1.80	1.10		2.20	5.50	0.50
	1.50	2.50		2.75	6.50	1.00
	1.80	3.00		3.30	6.35	4.80
	1.50	4.00		2.60	5.50	4.50
	1.80	4.50		1.20	3.10	1.90
	2.20	4.50		3.20	4.50	2.00
	2.29	3.58				
	3.00	5.00				
3.40	6.60					
Materials	1.4301, 1.4404, 1.4449, 1.4541, 1.4550, 1.4462, 1.4410/1.4501, 1.4539, 2.4856, 2.4858, 3.7025, 3.7235					
*Dimensions in mm.						

Our Range of Support Rods

Q Series	Head Width*	Height*	L1*	Bullet Shaped	Head Width*	Height*	L1*
	2.00	3.00	2.00		0.75	2.60	1.90
	3.00	5.00	3.50		1.20	3.10	1.90
	3.00	5.00	3.70		2.30	4.80	2.83
	4.00	5.00	3.50		2.29	4.85	3.00
	4.00	6.50	4.50		3.00	5.00	2.00
	4.00	7.50	4.60		3.00	6.20	3.70
	4.00	8.00	4.80		3.00	8.50	6.50
					3.00	10.00	7.70
					3.00	11.50	9.50
					3.00	12.70	10.00
			2.00	13.00	11.00		
Materials	1.4301, 1.4404, 1.4449, 1.4541, 1.4550, 1.4462, 1.4410/1.4501, 1.4539, 2.4856, 2.4858, 3.7025, 3.7235						

*Dimensions in mm.

Our Range of Custom Shaped Wire

Custom Profiles	Head Width*	Height*	L1*	L2*
	2.50	5.00	2.00	
	2.90	4.80	2.00	
	3.00	5.00		2.50
	3.20	6.50	1.67	
	3.40	6.00		3.00
	4.50	9.50		5.10
	We also manufacture Dimpled Triangular Wires			
Materials	1.4301, 1.4404, 1.4449, 1.4541, 1.4550, 1.4462, 1.4410/1.4501, 1.4539, 2.4856, 2.4858, 3.7025, 3.7235			
*Dimensions in mm.				

Certificates For Every Lot

1

Mill Test Certificate

Document from Mill confirming material compliance with specifications, detailing composition and mechanical properties.

2

Chemical Test Certificate

Verifies the material's exact chemical composition, ensuring it meets required standards and grades.

3

Mechanical Test Certificate

Provides results from tensile, surface roughness and hardness tests to confirm the material's physical strength.

4

VMM Test Certificate (Profile)

Validation report from Visual Measuring Machine (VMM) confirming accurate profile and dimensional adherence.

5

Inspection Report for Each Coil

Comprehensive record of visual and dimensional checks performed on individual coils before release.

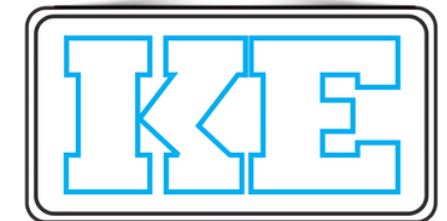
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Profile Wires

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