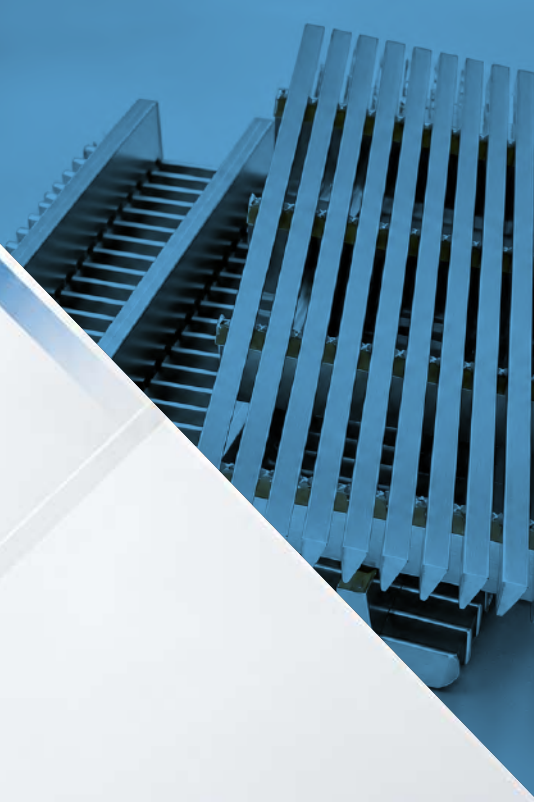


WEDGE WIRE PROFILES

QIUSUO® - Customizing All Types of Wedge Wire Profiles Products for Your Projects



PRODUCT SELECTION & SPECIFICATION GUIDE

QIUSUO

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WEDGE WIRE PROFILE SOLUTIONS

for Screening, Filtration & Dewatering

We supply precision-formed surface wire profiles and support rods in a range of cross-sectional forms, materials and supply conditions. Profile dimensions and critical details can be customized according to drawings and fabrication requirements.



Key Profile Characteristics

Controlled Cross-Section

Profile width, height and geometry checked against the approved drawing.

Consistent Working Face

Controlled working-face width supports uniform screen fabrication.

Custom Profile Options

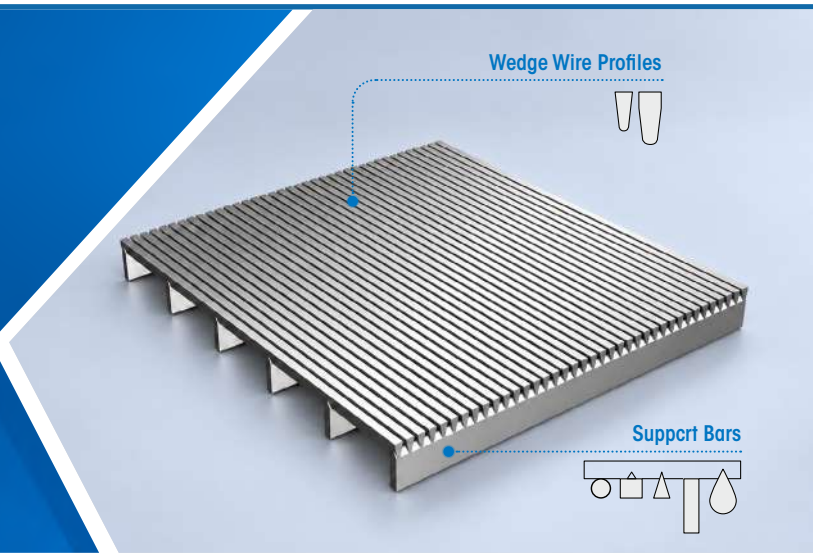
Standard and special cross-sections available subject to production feasibility.

Flexible Supply Forms

Available in coils or spools for suitable profile sizes, as well as straight lengths and cut-to-length pieces.

Technical Parameters

Wedge wire profiles are classified according to their function as surface wires or support rods. Surface wires form the working surface and define the slot opening, while support rods maintain profile spacing and provide structural support. Each profile is identified by its cross-sectional form, reference code and principal dimensions.

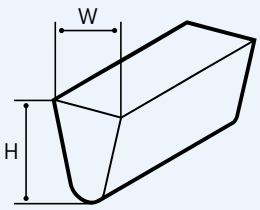


Surface Wire Profiles

SB Wedge Wire Profile

The SB profile features a conventional tapered cross-section and is commonly used as the working surface in welded wedge wire structures. Its widening slot geometry supports efficient flow and helps reduce particle entrapment.





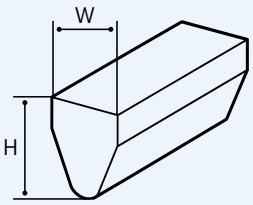
QS Profile Code	Common SB Reference	Width W (mm)	Height H (mm)
V–0.50 × 1.20	SB 6	0.50	1.20
V–0.60 × 1.20	SB 8	0.60	1.20
V–0.75 × 1.30	SB 10	0.75	1.30
V–1.00 × 2.00	SB 12	1.00	2.00
V–1.50 × 2.50	SB 18	1.50	2.50
V–1.80 × 3.70	SB 22	1.80	3.70
V–2.20 × 4.50	SB 28	2.20	4.50
V–2.80 × 5.00	SB34	2.80	5.00
V–3.40 × 6.50	SB 42	3.40	6.50
V–3.40 × 7.50	SB 50	3.40	7.50
V–4.00 × 9.00	SB 60	4.00	9.00
V–5.00 × 10.00	SB 70	5.00	10.00
V–5.00 × 6.00	SBA 50	5.00	6.00

Surface Wire Profiles

SBB Heavy-Duty Wedge Wire Profile

The SBB profile has a broader shoulder and increased body mass, providing greater wear allowance for abrasive and heavy-duty operating conditions.





QS Profile Code	Common SBB Reference	Width W (mm)	Height H (mm)
V–2.20 × 4.50	SBB 28	2.20	4.50
V–2.20 × 5.00	SBB 34	2.20	5.00
V–2.40 × 5.00	/	2.40	5.00
V–2.50 × 4.00	SBB 38	2.50	4.00
V–2.80 × 6.50	SBB 42	2.80	6.50
V–3.00 × 6.50	/	3.00	6.50
V–3.40 × 6.00	SBB 48	3.40	6.00
V–3.50 × 8.00	SBB 50	3.50	8.00
V–5.00 × 10.00	SBB 76	5.00	10.00

Support Rod Profiles

Teardrop Support Rod



QS Profile Code	W (mm)	H (mm)
D 45	3.8	5.6
D 56	5	6.5

Triangular Support Rod



QS Profile Code	W (mm)	H (mm)
S–T 1.0 × 2.0	1.0	2.0
S–T 1.5 × 2.5	1.5	2.5
S–T 2.0 × 3.0	2.0	3.0
S–T 2.0 × 4.0	2.0	4.0
S–T 3.0 × 5.0	3.0	5.0
S–T 3.0 × 6.0	3.0	6.0

Special Profiled Support Rod



QS Profile Code	W (mm)	H (mm)
Q 22	2	2.3
Q 25	2.0	3.0
Q 35	3.0	5.0
Q 50	4.0	6.5
Q 53	5.0	3.0
Q 55	4.0	8.0

Support Rod Profiles

Round Support Rod



QS Profile Code	ØD (mm)
S–R D5	5
S–R D6	6
S–R D7	7
S–R D8	8
S–R D9	9
S–R D10	10
S–R D12	12

Flat Support Bar



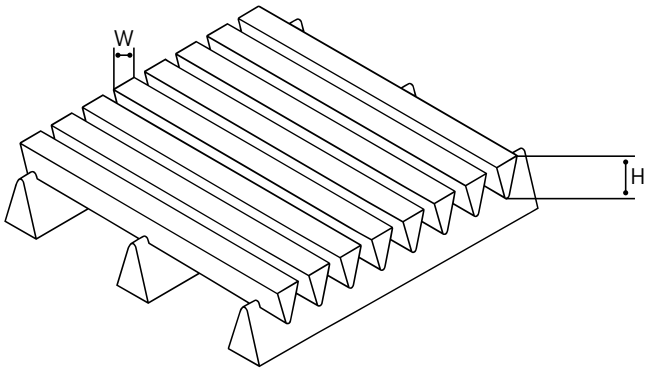
QS Profile Code	W (mm)	H (mm)
I 10 × 2	2.0	10.0
I 10 × 3	3.0	10.0
I 12 × 3	3.0	12.0
I 15 × 3	3.0	15.0
I 18 × 2	2.0	18.0
I 20 × 2	2.0	20.0
I 30 × 2	2.0	30.0
I 38 × 3	3.0	38.0

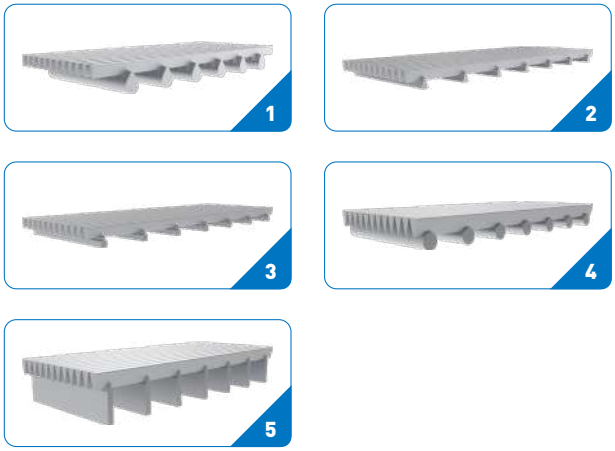
Material Options

Material grades are selected according to corrosion resistance, temperature, mechanical properties, and fabrication requirements.

Material Group	Typical Grades
Standard Stainless Steel	AISI 304, 304L, 316, 316L, 321, 430
Duplex Stainless Steel	2205, 2507
Heat-Resistant Stainless Steel	310S
Special Stainless Steel	904L, 316Ti, 347, 254 SMO
Nickel-Based Alloys	Monel 400, Hastelloy C276
Titanium	Grade 2
Other Materials	Available subject to technical evaluation

Profile & Support Combinations





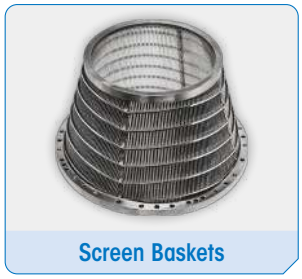
Typical Fabricated Forms

These profiles can be further fabricated into flat panels, cylindrical screens, sieve bends, screen baskets and other wedge wire components.


Flat Screen Panels


Screen Cylinders & Tubes


Sieve Bends


Screen Baskets

Applications

- Water Treatment
- Mining & Mineral Processing
- Food & Beverage Processing
- Pulp & Paper
- Petrochemical Processing
- Water Well & Intake Systems

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