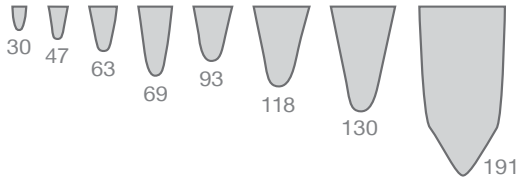


JOHNSON SCREENS TECHNICAL INFORMATION

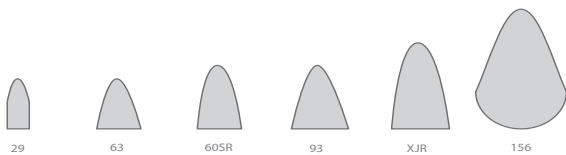
Architecture and Construction

JOHNSON SCREENS® VEE-WIRE® PROFILES - Most commonly used; others are also available.



Name	Width		Height		Section Area		Relief Angle
	in.	mm	in.	mm	in.	mm	
30	0.030	0.762	0.050	1.270	0.001	0.645	13°
47	0.047	1.194	0.088	2.235	0.003	1.935	10°
63	0.060	1.524	0.100	2.540	0.004	2.581	13°
69	0.071	1.803	0.177	4.496	0.010	6.452	7°
93	0.089	2.261	0.138	3.505	0.009	5.806	13°
118	0.116	2.946	0.185	4.699	0.015	9.677	13°
130	0.130	3.302	0.250	6.350	0.023	14.839	8°
191	0.195	4.953	0.363	9.220	0.055	35.484	5°

JOHNSON SCREENS SHAPED SUPPORT RODS

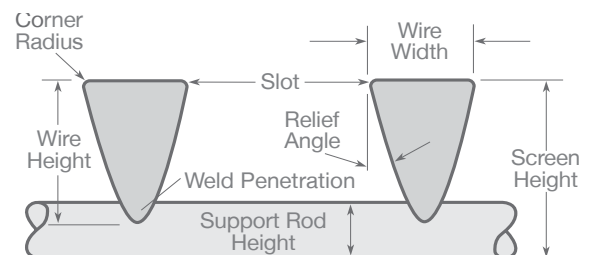


Name	Width		Height		Section Area		Section Modulus (in. ³ x 10 ⁻³)
	in.	mm	in.	mm	in.	mm	
29	0.029	0.737	0.102	2.591	0.003	0.076	0.037
63	0.060	1.524	0.100	2.540	0.004	2.581	0.050
93	0.089	2.261	0.138	3.505	0.009	5.806	0.150
XJR	0.089	2.261	0.189	4.801	0.013	0.330	0.298
60SR	0.060	1.524	0.120	3.048	0.006	0.152	0.077
156	0.151	3.835	0.217	5.512	0.022	0.559	0.600

EXAMPLES OF SCREEN OPEN AREA

Wire No.	Percent of Open Area						Slot Opening Size (in.)
	20	30	40	50	60	70	
30	0.008	0.013	0.020	0.030	0.045	0.070	Slot Opening Size (in.)
47	0.012	0.020	0.031	0.047	0.071	0.110	
63	0.015	0.026	0.041	0.060	0.090	0.140	
69	0.018	0.030	0.047	0.071	0.107	0.166	
93	0.022	0.038	0.059	0.089	0.134	0.208	
118	0.029	0.050	0.077	0.116	0.174	0.271	
130	0.033	0.056	0.087	0.130	0.195	0.303	
158	0.040	0.068	0.105	0.158	0.237	0.369	
191	0.049	0.084	0.130	0.195	0.293	0.455	
250 TRI	0.063	0.107	0.167	0.250	0.375	0.583	
500 TRI	0.125	0.214	0.333	0.500	0.750	1.167	

STANDARD WELDED CONSTRUCTION

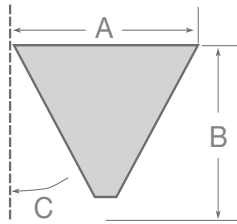


$$\text{Open Area (\%)} = \frac{\text{Slot Size} \times 100}{\text{Slot Size} + \text{Wire Width}}$$

JOHNSON SCREENS TECHNICAL INFORMATION

Architecture and Construction

TRI-WIRE PROFILES



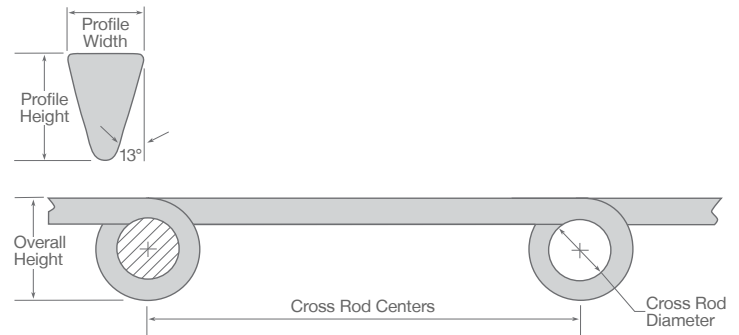
A = Width
B = Height
C = Relief Angle

Wire Number	Width		Height		Relief Angle
	in.	mm	in.	mm	
93 TRI	0.093	2.388	0.070	1.956	30°
125 TRI	0.125	3.175	0.094	2.769	30°
188 TRI	0.188	4.775	0.141	4.369	30°
250 TRI	0.25	6.35	0.188	5.563	30°
500 TRI	0.50	12.7	0.469	11.913	30°

LOOPED WIRE CONSTRUCTION*

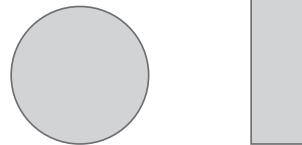
Wire Number	Profile Width		Profile Height	
	in.	mm	in.	mm
100	0.086	2.184	0.125	3.175
132	0.109	2.769	0.156	3.962
156	0.135	3.429	0.188	4.775
187	0.172	4.369	0.219	5.563
217	0.188	4.775	0.266	6.756
250	0.219	5.563	0.281	7.137

* Dimensions are based upon a specified opening. Larger openings can be obtained for each respective wire size by the use of spacers between each wire.



ROUND AND STRIP RODS

- Round rods are available in diameters ranging from 0.125 to 0.500 in. (3.175 to 12.7 mm).
- Strip rods are available in widths ranging from 0.070 to 0.188 in. (1.778 to 4.775 mm) and heights ranging from 0.375 to 2.0 in. (9.525 to 50.8 mm).



Johnson screens®

A Weatherford Company

AUSTRALIA - ASIA PACIFIC
Johnson Screens Australia
TEL: +61 7 3867 5555
FAX: +61 7 3867 5566
EMAIL: salesasiapacific@johnsonscreens.com

EUROPE - MIDDLE EAST - AFRICA
Johnson Screens France
TEL.: +33 (0)5 4902 1600
FAX: +33 (0)5 4902 1616
EMAIL: saleseurope@johnsonscreens.com

NORTH, SOUTH & CENTRAL AMERICA
Johnson Screens USA
TEL.: +1 651 636 3900
FAX: +1 651 638 3171
EMAIL: salesamerica@johnsonscreens.com