Our Mission
To bring happiness to the lives and livelihoods of our customers and employees by saving them time, money and hassle.

Our Vision
To be immediately recognized by the contractor or manufacturer for quality, innovation and service.

Who We Are
Since 1987, Quality Steel & Wire has offered prompt service and high quality products serving the construction and masonry industries and a variety of original equipment manufacturers. Our objective is to provide a finished product that is consistent with all industry standards and compliant with design criteria specified by the customer’s demands. Wire Forming and Metal Stamping is our specialty and we welcome all inquiries relating to metal fabrication.
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Make It Better
We believe job security comes from doing the right thing day in and day out. Thank you for being a part of what we do.

Make It in the USA
Making it here ensures better quality and reliable sourcing for every component, raw to finished, with optimal lead times. It also leads to making the best product on the market - the first and foremost reason you should work with us.
Masonry Products

Masonry Joint Reinforcement Ladders

NUMBER-8/12 LADDER

Features
• 10'8" lengths conforming to ASTM A 82 / A82M
• 2 parallel and knurled longitudinal wires welded to cross wire rods
• Out-to-Out spacing 2" less than nominal wall thickness
• 16" on center cross rods = core clearance

Benefits
• Unhindered grout/loose fill flow into block cells
• Reduces re-setting around rebar
• Resists shrinkage and cracking
• Meets ASCE/ACI 530, ASTM A951

Ladder Positioning Detail

Now Available!

brite basic - mill galvanized - hot dipped - stainless steel

<table>
<thead>
<tr>
<th>#8 LADDER WIDTH</th>
<th>#12 LADDER WIDTH</th>
<th>GAUGE</th>
<th>STANDARD PACKING</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot; (for 8&quot; block)</td>
<td>10&quot; (for 12&quot; block)</td>
<td>9</td>
<td>50pcs/bundle</td>
</tr>
</tbody>
</table>
# Masonry Products

## Anchors and Ties

### RB14

**Pintle Tie Anchor**

- Slotted holes in front tabs
- Rigid backing for wire pintle tie
- 2 holes for attaching anchor to backup
- Ties have 1-5/8” length for adjustment
- Ties: 3, 4, 5 and 8” projection sizes

<table>
<thead>
<tr>
<th>PLATE GAUGE</th>
<th>STANDARD PACKING</th>
</tr>
</thead>
<tbody>
<tr>
<td>14</td>
<td>100 pcs/ctn</td>
</tr>
</tbody>
</table>

**mill galvanized - hot dipped - stainless steel**

### VA14HD

**Integral Back Anchor**

- Integral back section ensures positive lateral loading
- Minimizes veneer deflection
- Corrugated for maximum rigidity
- 1/4” holes for wood, steel and concrete
- Ties: 3” – 9” most common

<table>
<thead>
<tr>
<th>PLATE GAUGE</th>
<th>STANDARD PACKING</th>
</tr>
</thead>
<tbody>
<tr>
<td>14 or 12</td>
<td>100 pcs/ctn</td>
</tr>
</tbody>
</table>

**mill galvanized - hot dipped - stainless steel**

### OB12

**Open Back Masonry Anchor**

- For adequate backup material that resist positive exterior loads
- Corrugated for strength and rigidity
- 1/4” holes for wood, steel and concrete
- Ties: 3” – 9” most common

<table>
<thead>
<tr>
<th>PLATE GAUGE</th>
<th>STANDARD PACKING</th>
</tr>
</thead>
<tbody>
<tr>
<td>12</td>
<td>100 pcs/ctn</td>
</tr>
</tbody>
</table>

**mill galvanized - hot dipped - stainless steel**
Masonry Products

Anchors and Ties

WO25
Weld-on Masonry Anchors

- 1/4" diameter wire
- Job site or shop weld
- Suitable for structural iron applications
- Ties: 3" – 9" most common

Dovetail Clip Ties

- Factory assembled
- For use with pre-installed dovetail anchor slot
- 5/16" hole for screw attachment purposes
- Ties: 3" – 9" most common
- Anchor - 12 ga.

CS16
Corrugated Dovetail Anchor

- For use with dovetail anchor slot
- Corrugated for maximum pull-out resistance
- 3-1/2" and 5-1/2" lengths

---

Mill galvanized - hot dipped - stainless steel

<table>
<thead>
<tr>
<th>GAUGE</th>
<th>STANDARD PACKING</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>100 pcs/ctn</td>
</tr>
</tbody>
</table>

---

Mill galvanized - hot dipped - stainless steel

<table>
<thead>
<tr>
<th>GAUGE</th>
<th>STANDARD PACKING</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>100 pcs/ctn</td>
</tr>
<tr>
<td></td>
<td>Wire Tie - 2</td>
</tr>
</tbody>
</table>

Optional packing

- 250 pcs/ctn
- 40 ctn/pallet
**Masonry Products**

### Rebar Ties and Positioners

**Rebar Positioners**
- Single blank of wire
- Position and stabilize rebar inside CMU
- Install inside 8” or 12” block

**Rectangular Ties**
- Properly aligns mortar joint and anchor
- Commonly used with masonry veneer to masonry backup
- 2 Widths, 5 lengths available
- Special Sizes Available Upon Request

**Triangular Ties**
- For various types of masonry anchors
- Permit mortar joints line-up with pre-installed anchors
- Common Ties: 3” - 9” (by 1”)
- Other Sizes Available Upon Request

**Pintle Ties**
- For use with double eye or RB14 pintle anchor
- Vertical legs provide adjustment
- Common Lengths: 3”, 4”, 5”
- Special Sizes Available Upon Request

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**RL8 & RL12**

**Rebar Positioners**
- Mill galvanized - hot dipped - stainless steel

<table>
<thead>
<tr>
<th>GAUGE</th>
<th>STANDARD PACKING</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>100 pcs/ctn</td>
</tr>
</tbody>
</table>

**VTR**

**Rectangular Ties**
- Mill galvanized - hot dipped - stainless steel

<table>
<thead>
<tr>
<th>GAUGE</th>
<th>STANDARD PACKING</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>100 pcs/ctn</td>
</tr>
</tbody>
</table>

**VTS**

**Triangular Ties**
- Mill galvanized - hot dipped - stainless steel

<table>
<thead>
<tr>
<th>GAUGE</th>
<th>STANDARD PACKING</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>100 pcs/ctn</td>
</tr>
</tbody>
</table>

**VTP**

**Pintle Ties**
- Mill galvanized - hot dipped - stainless steel

<table>
<thead>
<tr>
<th>GAUGE</th>
<th>STANDARD PACKING</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>100 pcs/ctn</td>
</tr>
</tbody>
</table>

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**Quality Steel & Wire**
- P: 913.888.2929
- F: 913.888.4405
- qswmfg.com
## Concrete Products

### Stakes and Wire Base Ties

#### FS Series

**FS - Stakes**

- Wire diameter throughout is 0.218” (4 gauge)
- Eyelet diameters: 3/4”, 5/8”, 1/2” (#3 – 5 rebar)

<table>
<thead>
<tr>
<th>PART #</th>
<th>GAUGE</th>
<th>STANDARD PACKING</th>
</tr>
</thead>
<tbody>
<tr>
<td>FS3 – FS6</td>
<td>4</td>
<td>100 pcs/ctn</td>
</tr>
</tbody>
</table>

> brite basic round steel wire

#### PS Series

**P - Stakes**

- Shaft diameter is 0.300” (1/0 gauge)
- U-section diameter is 0.218” (4 gauge)
- Grade Bar optional
- “Head” on top optional

<table>
<thead>
<tr>
<th>PART #</th>
<th>GAUGE</th>
<th>STANDARD PACKING</th>
</tr>
</thead>
<tbody>
<tr>
<td>varies</td>
<td>1/0 and 4</td>
<td>200 pcs/ctn</td>
</tr>
</tbody>
</table>

> brite basic round steel wire

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## Wire Base Ties

- Used in laydown form applications
- Drive wedges through raised loops to secure tie through rod
- Specified in nominal or full

<table>
<thead>
<tr>
<th>MAX WALL HEIGHT</th>
<th>MAX TIE SPACING</th>
<th>MAX TIE WIDTH</th>
<th>GAUGE</th>
<th>STANDARD PACKING</th>
</tr>
</thead>
<tbody>
<tr>
<td>36”</td>
<td>24”</td>
<td>20”</td>
<td>6</td>
<td>100 pcs/ctn</td>
</tr>
</tbody>
</table>

> brite basic round steel wire
Rebar Chairs and Supports

ACI 318 and most national building codes require concrete reinforcing bars in slabs and footings to be supported and secured prior to placement of concrete. Rebar chairs and supports are designed and fabricated to economically meet this requirement.

**RS1**
Single Rebar Support

- brite basic round steel wire
- **GUAGE** 8
- **STANDARD PACKING** 250 pcs/ctn | 40 ctn/pallet

**RS2**
Double Rebar Support

- brite basic round steel wire
- **GUAGE** 8
- **STANDARD PACKING** 250 pcs/ctn | 40 ctn/pallet

**TS1**
M-Chair Heavy Duty Single Support

- brite basic round steel wire
- **GUAGE** 6
- **STANDARD PACKING** 100 pcs/ctn | 100 ctn/pallet

**TS2**
Heavy Duty Double Rebar Support

- brite basic round steel wire
- **GUAGE** 6
- **STANDARD PACKING** 100 pcs/ctn | 45 ctn/pallet
Ceiling Wire

Commercial-Grade Acoustical Ceiling Products

- For suspended ceiling grid systems
- Several gauges available (standard 12 ga.)
- Variety of lengths available (standard 12 ft.)
- Mill galvanized, 1008 Brite Basic or stainless steel available
- Nominal Tensile: 55,000 – 70,000 psi
- Specification Data Available Upon Request

Specialty OEM

Custom Steel Fabrication

A large portion of our facilities and resources are dedicated to the manufacture of wire and flat metal products designed to meet requirements specified by our customer base. Our diverse knowledge relating to the general characteristics of various metals and metal alloys enable us to offer assistance in design and development of proprietary products. Our tool and die department provides us the capability of producing in-house tooling for most OEM products we manufacture. We strive to offer the best in quality, service, and price.

Capabilities

- In-house tool and die shop
- High-production wire forming
- Wire straightening and cutting
- CNC wire forming
- CNC and work-center welding
- High-production metal stamping
- Short run stamping and forming

Custom RFQs Always Welcome.
### COMMON SHEET GAUGES

<table>
<thead>
<tr>
<th>Material Gauge</th>
<th>Decimal Equivalent</th>
<th>Metric Equivalent</th>
</tr>
</thead>
<tbody>
<tr>
<td>18</td>
<td>0.048&quot;</td>
<td>1.219 mm</td>
</tr>
<tr>
<td>16</td>
<td>0.060&quot;</td>
<td>1.524 mm</td>
</tr>
<tr>
<td>14</td>
<td>0.075&quot;</td>
<td>1.905 mm</td>
</tr>
<tr>
<td>12</td>
<td>0.105&quot;</td>
<td>2.667 mm</td>
</tr>
</tbody>
</table>

Gauge information provided on steel sheets and coil is based on Manufacturers’ Standard Table for Steel Sheet.

### COMMON WIRE GAUGES

<table>
<thead>
<tr>
<th>Material Gauge</th>
<th>Decimal Equivalent</th>
<th>Metric Equivalent</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td>0.125&quot;</td>
<td>3.175 mm</td>
</tr>
<tr>
<td>9</td>
<td>0.145&quot;</td>
<td>3.683 mm</td>
</tr>
<tr>
<td>8</td>
<td>0.160&quot;</td>
<td>4.064 mm</td>
</tr>
<tr>
<td>6</td>
<td>0.1875&quot;</td>
<td>4.763 mm</td>
</tr>
<tr>
<td>2</td>
<td>0.250&quot;</td>
<td>6.350 mm</td>
</tr>
</tbody>
</table>

Gauge information provided on cut wire lengths and coil is based on United States Steel Wire Gauge Table.

### MATERIAL CLASSIFICATION AND STANDARDS

<table>
<thead>
<tr>
<th>Material Type</th>
<th>AISI Classification¹</th>
<th>ASTM Designation²</th>
</tr>
</thead>
<tbody>
<tr>
<td>Steel Sheet (Uncoated)</td>
<td>1008</td>
<td>A1008 00</td>
</tr>
<tr>
<td>Mill Galvanized Steel Sheet</td>
<td>1010</td>
<td>A641 / A641M</td>
</tr>
<tr>
<td>Stainless Steel Sheet</td>
<td>304</td>
<td>A167 / A480</td>
</tr>
<tr>
<td>Brite Wire (Uncoated)</td>
<td>1020</td>
<td>A82</td>
</tr>
<tr>
<td>Mill Galvanized Wire</td>
<td>1008</td>
<td>A641 Class1</td>
</tr>
<tr>
<td>Stainless Steel Wire</td>
<td>304</td>
<td>A580</td>
</tr>
</tbody>
</table>

1. American Society for Testing and Materials  
2. American Iron and Steel Institute  
3. Even if it’s on the back of an envelope!

### CORROSION RESISTANT COATING STANDARDS

<table>
<thead>
<tr>
<th>Material and Coating Type</th>
<th>ASTM Designation²</th>
</tr>
</thead>
<tbody>
<tr>
<td>Steel Sheet Veneer Anchors Hot Dipped Galvanized</td>
<td>ASTM A153 Class B</td>
</tr>
<tr>
<td>Steel Sheet Veneer Anchors Mill Galvanized</td>
<td>ASTM A641/M</td>
</tr>
<tr>
<td>Wire Veneer Ties and Anchors Hot Dipped Galvanized</td>
<td>ASTM A153 Class B</td>
</tr>
<tr>
<td>Wire Veneer Ties and Anchors Mill Galvanized</td>
<td>ASTM A641 Class 1</td>
</tr>
</tbody>
</table>
Durable Steel Products That Work for the Contractor

Custom Products That Reliably Serve the Manufacturer

9802 Widmer Road  |  Lenexa, KS 66215
phone: 913.888.2929  |  fax: 913.888.4405
email: sales@qswmfg.com  |  web: qswmfg.com