The #9 Anchor-Lock Assembly is designed to be attached to the form with ¾" x 2 ½" GRK Rugged Structural Screws with washers and provides the self-spreading feature common to all Gates Gang Form Systems. The Anchor-Lock claw engages the Gates gang form tie to hold the pressure of the concrete and to act as a spreader. Base plate is a plated casting designed to withstand tie loads of at least 18000 lbs.

Packaged 25 per box.

Priced per each.
The #9 Taper Tie is designed for easy withdrawal and repeated use. By adding slots, multiple wall sizes can be obtained. Taper Ties are not recommended for walls more than 24” in thickness.

Special ordered Taper Ties can be designed to meet most job requirements.

Priced per each.
#9 ANCHOR-LOCK A-END

The #9 Anchor Lock Type A Tie End is a removable steel tie end used with a ½" inner tie, with 1" of thread on each end. Reusable tie ends can be removed by unscrewing the tie end from the inner tie and can be used on the next pour. Type A Reusable Tie end provides 1 ½" set back of inner tie from face of concrete.

When ordering ties to be used with #9 Anchor Lock Type A Tie End, always order the inner tie 3" short of wall thickness. (Example: a 12" wall thickness would require a 9" inner tie.) Special ordered Type A Tie Ends can be designed to meet most job requirements.

Priced per each.

½" INNER TIE W/ ANCHOR FLAT

A ½" Steel Inner Tie with 1" of rolled thread each end, anchor flat to prevent turning in the wall. For use with #9 Anchor Lock Type A reusable tie end. Stock sizes are in 1" increments; fractional sizes available by special order. Available with neoprene waterstop feature.

Priced per 100.

#9 ANCHOR-LOCK B-END

The #9 Anchor Lock Type B Tie End is a removable steel tie end used with ½" pull-thru tie with 1" of CUT-THREAD on each end. Reusable Tie Ends can be removed by unscrewing one end from the inner tie and pulling the inner tie out with the other end. This entire tie can be reassembled and used again. Always use Gates Plastic Tubing with the inner tie. Type B Reusable Tie Ends are used when ties are to be removed from wall.

When ordering ties to be used with Reusable Tie End Type B, always order the inner tie length equal to the wall thickness + 11". (Example: a 12" wall thickness would require a 23" inner tie.)

Priced per each.
1/2" CUT THREAD INNER TIES

A 1/2" Steel rod tie with 1" of CUT THREAD and no anchor flat. For use with #9 Anchor Lock Type B reusable tie end. These ties are used with Gates 9/16" I.D. plastic tubing to facilitate tie removal. When plastic tube is used in conjunction with the Pull-thru Tie, rolled thread ties MUST NOT BE USED.

Priced per 100 units.

#9 ANCHOR-LOCK C-END

The #9 Anchor Lock C-End is designed for use when reattaching forms to a previously placed concrete wall. The C-End is a reusable tie end. Special ordered Type C Tie Ends can be designed to meet most job requirements.

Priced per each.

PLASTIC TUBING

Clear 3/16" inner diameter 3/4" outer diameter tubing for use with 1/2" CUT THREAD inner ties. Grease or oil should be used around the tie when placing pull-thru ties in form.

Priced per 100 feet.

TYPE B PICK POINT

The Gates Type B Pick Point is designed to be used with 2" x 3" Telespar ®. It includes bolts required to attach the pick point to the form. Always install per the directions given in Gates Type B Pick Point Safety Bulletin.

Load capacity not to exceed 2500 lbs.

Priced per each.
GATES HEAVY DUTY PICK POINT

The Gates Heavy Duty Pickup Point is designed to be used with 4x4 lumber. It includes safety straps and bolts required to attach the pick point to the form. Always install per the directions given in Gates Pick Points Safety Bulletin.

Load capacity not to exceed 2500 lbs.

Priced per each.

700585 - ½" - 13 UNC Nylon Lock Nut
xxxxxx - ½" - 13 UNC x 4 ½" Grade 5 Bolt
158191 - ½" - 13 UNC x 5" Grade 5 Bolt
157905 - Strap & Bolt Set Only

3' NYLON PICK-UP STRAP

The 3' Nylon Pick-Up Strap provides a flexible method of lifting forms.

Other lengths available upon request.

Load Capacity Not to Exceed 2500 lbs.

Priced per each.

Order Number: 390000 - 3'

GATES U-CLAMP

The Gates U-Clamp is used for locking angles together at the inside and outside corners and at the connection points of gang forms. A durable plated casting, that provides a secure method for form face alignment. Also available with chain attached for fastening permanently to the gang form.

Priced per each.

Order Number: 158951 - w/o chain
158952 - w/ chain

GATES U-CLAMP - ATTACHED

The Gates Attached U-Clamp is used for locking angles together at the inside and outside corners and at the connection points of gang forms. A durable plated casting, that provides a secure method for form face alignment and is securely mounted to the form providing a faster and easier method of connection.

Priced per each.

Order Number: 158954
#9 ANCHOR LOCK GANG FORM PARTS CATALOG

## 2" x 2" x 3/16" ANGLES

The 2" x 2" x 3/16" angles are punched with a 3/8" hole and a 3/8" x 3/8" slot, alternating on 3" centers. 2" x 2" x 3/16" angles are used to connect sections of gang form.

Available in lengths of 2'-0" to 24'-0", one foot increments up to 10'-0"; two foot increments 10'-0" to 24'-0". Other lengths available by special order.

Priced per each.

**Order Number:** 162

![2" x 2" x 3/16" ANGLES](image)

## 2" x 3" x 3/16" ANGLES

The 2" x 3" x 3/16" angles are punched with a 3/8" hole and a 3/8" x 3/8" slot, alternating on 3" centers. The 3" leg of the angle is used with both rows of holes on outside corners to provide a larger surface against the form to provide a stronger connection. Available in lengths of 2'-0" to 24'-0", one foot increments up to 10'-0"; two foot increments 10'-0" to 24'-0". Other lengths available by special order.

Priced per each.

**Order Number:** 161

![2" x 3" x 3/16" ANGLES](image)

## 6 1/4" x 6 1/4" x 3/16" OUTSIDE CORNER ANGLE

A 6 1/4" x 6 1/4" x 3/16" Outside Corner Angle is attached to the 2" x 2" x 3/16" or 2" x 3" x 3/16" angles bolted to the end of each gang form. The steel angle punched with 3/8" x 3/8" slots, on 6" centers to match the slots on the 2" x 2" or 2" x 3" angles attached to the form. A U-Clamp quickly attaches the two forms to the larger outside angle, securely locking the corners together.

Priced per each.

**Order Number:**
- 4' 174040
- 6' 174060
- 8' 174080
- 10' 174100

*Version 10/1/09*
#9 ANCHOR LOCK GANG FORM PARTS CATALOG

15° ALUMINUM STRIPPING ANGLE

The 15° Aluminum Stripping Angle Assembly is designed to provide a method of removing a section of form. This assembly is composed of two aluminum extrusions, one with an obtuse angle and one with an acute angle. Both extrusions have 3⁄8" holes on 3" centers for bolting to the plywood. The acute angle has slots and the obtuse angle has holes for the U-Clamp to quickly and securely connect the extrusions. This allows for a form with two obtuse angles to easily be removed making it a "key" form. This application can be used between pilasters or in elevator/stair shafts.

Priced per set.

PIN 'N LOCK OUTSIDE CORNER

The Gates Pin 'n Lock Outside Corner is an adjustable Heavy Duty outside steel corners with no loose parts. The Pin is captured between the coil nuts and the roll pin allowing the pin to travel safely with the form. Once adjusted for your corner this corner closes and opens with a carpenter's hammer. The Pin 'n Lock Outside Corner should always be attached with Gates Flat Head Bolts.

Includes pins and both angles.

Priced per set.

PIN 'N LOCK PIN

Pin 'N Lock Pin is a replacement part for the Pin 'N Lock Corner. The pin is 22" in length and includes with coil nuts.

Priced per each.
COLLAPSIBLE INSIDE CORNER

Order Number:
4' 158604-G
6' 158606-G
8' 158608-G
10' 158610-G
12' 158612-G

The Collapsible Inside Corner is for use in elevator, stair or pilaster gang forms. This corner provides 3/8" clearance at each corner when retracted. This corner is used in conjunction with the Inside Corner Ratchet Assembly or Inside Corner Turnbuckle Assembly. Ask Gates about using this corner with other types of forms.

Includes Aluminum Side Sections, Slide Plates & Nuts.

Priced per set.

STEEL NOSE SECTION

Order Number:
4' 701604
6' 701606
8' 701608
10' 701610
12' 701612

Collapsible Inside Corner Steel Nose Section, this part is for replacement purposes only.

Priced per each.

701613 - Inside Collapsible Corner - Slide Plate

ALUMINUM SIDE SECTIONS - TYPE "G" WOOD

Order Number:
4' 701504-G
6' 701506-G
8' 701508-G
10' 701510-G
12' 701512-G

Aluminum Side Section, this part is for replacement purposes only.

Priced per each.
#9 ANCHOR LOCK GANG FORM PARTS CATALOG

COLLAPSIBLE INSIDE CORNER RATCHET ASSEMBLY FOR 4 x 4 LUMBER

The Ratchet Assembly provides a quick and easy method for retracting the Collapsible Inside Corner.

Use two assemblies on forms up to 10' in height and three or more assemblies above 10'.

Assembly includes Retracting Attachment Angles for lumber, Ratchet and attaching bolts.

Assembly does not include bolts for attaching to form.

Priced per Assembly.

Order Number:
158665A
158665 - Ratchet Only
700584 - ⅜" - 13 UNC x 2 ¼" Bolt
700585 - ⅜" - 13 UNC Lock Nut
158375 - ½" Flat Washer
158662 - Retracting Attachment Angle

COLLAPSIBLE INSIDE CORNER WHEEL ASSEMBLY FOR 4 x 4 LUMBER

The Retracting Wheel Assembly provides a quick and easy method for retracting the Collapsible Inside Corner.

Use two assemblies on forms up to 10' in height and three or more assemblies above 10'.

Assembly includes Retracting Attachment Angles for lumber, Retracting Wheel and attaching bolts.

Assembly does not include bolts for attaching to form.

Priced per Assembly.

Order Number:
158660-A
158660 - Retracting Wheel Assembly
158397 - ⅜" - 13 UNC x 1" Bolt
700585 - ⅜" - 13 UNC Lock Nut
158662 - Retracting Attachment Angle

RADIUS STEEL CORNERS

Gates Radius Steel Corners are rolled to a 4" radius, plus a 1" lip on each side punched with ⅜" holes for bolting to the ends of the gang form. The edge of the plywood is rabbeted ¼" to give a smooth surface on the face of the form. The Steel Radius Corner flexes as the gang forms are drawn together, leaving a clean radius corner.

Stock sizes are 6', 8' and 10'.

Priced per each.
CONTINUOUS CORNER HINGE

Used in construction of collapsible gang forms for elevator shafts, etc. Both hinge legs are 2 1/2" with 3/8" holes punched 6" on center, 1" from outside edge of leg.

Available in 8' lengths.

Priced per each.

Order Number: 157958

1 1/8" SNAP-LOCK HOLE PLUG

The 1 1/8" Snap-Lock Hole Plug is designed to plug 1 1/8" holes in plywood, leaving the plywood with near smooth surface for next use.

Priced per 1000 units.

Order Number: 972011

1 1/4" SNAP-LOCK HOLE PLUG

The 1 1/4" Snap-Lock Hole Plug is designed to plug 1 1/4" holes in plywood, leaving the plywood with near smooth surface for next use.

Priced per 1000 units.

Order Number: 972011

PLASTIC HOLE PLUG

The Plastic Hole Plug is designed to plug holes from #9 Taper Ties. Place Plastic Hole Plug into the larger diameter side of the wall and push plug to desired depth.

Order Number:
973150 - Ø.955" x 1"
973152 - Ø.965" - Ø.985"

Version 10/11/09
BOLTS FOR GATES GANG FORM FLAT HEAD

5/16" -18 UNC x 1 1/2" Flat Head bolt with 1" thread used to attach 2" x 2" or 2" x 3" angles directly to 3/4" plywood. This bolt is also used to bolt G-rail or 15 degree stripping angle.

3/16" -16 UNC x 5 1/2" Flat Head bolt with 3" thread used to attach the Pin 'N Lock outside Corner.

3/16" -16 UNC x 7 1/2" Flat Head bolt with 2" thread used to bolt the frame together only.

3/16" -16 UNC x 8 1/2" Flat Head bolt with 2" thread used to bolt the frame and plywood together.

Flat head bolts are recommended when the bolt heads are exposed to surface of the concrete.

Price includes nuts and washers.

Priced per 100.

Also Available:
158231 - 5/16" -18 UNC x 3" Flat Head bolt with 2" thread
158364 - 3/4" -16 UNC x 6 1/4" Flat Head bolt with 2" thread

GRK RSS FOR GATES GANG FORMS

5/6" x 2 1/2" GRK RSS (Rugged Structural Screw) is used to attach the #9 Anchor Lock Assembly.

5/6" x 6" GRK RSS (Rugged Structural Screw) is to connect 4x4 lumber.

3/4" x 7 1/4" GRK RSS (Rugged Structural Screw) is used to connect the 4x4 frame work only together.

GRK screws are not to be used as a direct replacement for flat head bolts. GRK screws are recommended for use in less critical connections.

Priced per 100.

Also Available:
XXXXXX - 5 3/4" GRK RSS (Rugged Structural Screw)
DUAL-DUTY SCAFFOLD BRACKET

Order Number:
078101-A - Dual Duty Scaffolding Brkt
078101 - Dual Duty Scaffolding Brkt w/o arms

The Dual Duty Scaffold Bracket is designed to be easily bolted permanently to gang form. Scaffold planks are secured to the bracket by (2) $\frac{3}{16}$" diameter holes spaced at 6" and 18" from the form. The Dual Duty Scaffold Bracket allows 23 $\frac{1}{2}$" for planking. Dual Duty Scaffold Brackets are factory tested to 3500 lbs. An adequately secured Dual Duty Scaffold Bracket has a safe working load of 875 lbs.

Dual Duty Scaffold Bracket is available with or without arms.

Priced per each.

SAFETY RAIL POST

Order Number:
078112

The Safety Rail Post is designed for use with either the Dual Duty Scaffold Bracket or 3’ Heavy Duty Scaffold Bracket. Safety rail posts are required with the use of all Gates Scaffold Brackets.

OSHA requires a guardrail with a top edge at 42" +/- 3", and a mid rail at approximately midway between the guardrail system and the platform surface. This requirement can easily and economically be met with the use of the Gates Safety Rail Post when using either the Dual Duty or 3’ Heavy Duty Gates Scaffold Brackets.

Priced per each.

C-SECTION

Order Number:
078045

The C-Section is used when temporary scaffolding is needed on a gang form. The C-Section is mounted around the 4 x 4 stiffback between the waler and provides a safe, easy method of attaching and removing the Gates scaffold bracket.

Priced per each.
**SCAFFOLD BRACKET ARM SETS**

The Scaffold Bracket Arm Set consists of 2 arms, a clevis pin and a locking ring. The arm set connects the Dual Duty Scaffold Bracket to the gang form using a C-Section. The Scaffold Bracket Arm Set is available as a replacement part or is available with the Dual Duty Scaffold Bracket.

Priced per set.

**Order Number:**
- 078046
- 078123 - Clevis Pin Only
- 078121 - Safety Ring Only
- 078122 - Scaffold Bracket Arms Only

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**6" ADJUSTABLE GANG FORM BRACKET**

The 6" Adjustable Gang Form Bracket is a support for gang form panels on multiple-lift high walls. The bracket is placed near the top of the wall previously poured. Bracket is fastened to the wall by bolting into a preset coil anchor designed for adequate safety factor based on the load applied. The gang form is supported by the bracket while being prepared for next pour.

Priced per each.

**Order Number:** 157907

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**COIL NUTS**

Coil Nuts are available for various forming uses. Gates provides Coil Nuts in \( \varnothing \frac{1}{2}, \varnothing \frac{3}{4} \) and \( \varnothing \ 1 \).

Priced per 100.

**Order Number:**
- 701900 - \( \varnothing \frac{1}{2} \)
- 701800 - \( \varnothing \frac{3}{4} \)
- 700916 - \( \varnothing \ 1 \)

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**HIGH TENSILE COIL ROD**

High Tensile Coil Rod is available in 12' lengths for various forming uses. Gates provides High Tensile Coil Rod in \( \varnothing \frac{1}{2}, \varnothing \frac{3}{4} \) and \( \varnothing \ 1 \). Custom lengths are available upon request.

Priced per each.

**Order Number:**
- 701902 - \( \varnothing \frac{1}{2} \times 12' \)
- 701811 - \( \varnothing \frac{3}{4} \times 12' \)
- 700915 - \( \varnothing \ 1 \times 12' \)

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**ALIGNMENT SPUR**

The Alignment Spur is designed to aid in the alignment of 2' x 2' and 2' x 3' angles as you bring two sections of gang form together.

Priced per each.

**Order Number:** 157916
#9 ANCHOR LOCK GANG FORM PARTS CATALOG

3' HEAVY-DUTY SCAFFOLD BRACKET W/FORM ADJUSTERS

The 3' Heavy Duty Scaffolding Bracket is designed as a multipurpose bracket. The first purpose is a reattachment bracket for the gang to the previous pour. The second purpose is to function as a walking/working surface. The 3' Heavy Duty Scaffolding Bracket accepts the standard Gates Safety Rail Post to provide a Guard Rail System. It is important to make sure that the bracket is adequately secured. With the form adjusters, the 3' Heavy Duty Scaffolding Bracket allows 24 inches for planking. An adequately secured 3' Heavy Duty Scaffolding bracket is rated for 2000 lbs of form load with a 2:1 safety factor and 500 lbs live load with a 4:1 safety factor. Please refer to the 3' HD Scaffolding Bracket attachment bulletin for a more detailed set of instructions.

Priced per each.

Order Number:
- w/ Adjusters 078199
- w/o Adjusters 078199-A

1/2" COIL LOOP ANCHORS

1/2" Coil Loop Anchors available in 4" and 6" lengths to be used with 1/2" Coil Bolts.

Priced per 100 units.

Order Number:
- 157901 - 4"
- 157903 - 6"

1/2" COIL BOLT

The 1/2" Coil Bolt is to be used with 1/2" Coil Loop Anchor. Available in various lengths to meet job needs.

Priced per 100 units.

Order Number:
1594--

'U' CONE

The 'U' Cone provides a 1 1/2" set back from the concrete face for a Coil Loop Anchor. Used with 1/2" Coil Loop Anchor and 1/2" Coil Bolt.

Priced per 100 units.

Order Number:
157902
**RADIUS WOOD WALERS**

Radius Wood Walers can be designed to meet just about any job requirement. Cut from sheets of struct 1 plywood and layered into custom wood beams to produce almost any required shape.

Priced per each.

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**CUSTOM WOOD WALERS**

Custom Wood Walers can be designed to meet just about any job requirement. Cut from sheets of struct 1 plywood and layered into custom wood beams to produce almost any required shape. Radius Wood Walers can be used in conjunction with Radius Telespar® walers for spillways or other complex forming applications.

Priced per each.
ADJUSTABLE FORM BRACE

The Adjustable Form Brace is designed to provide a strong, easy and durable brace for your forms. It is available in two sizes; the 7' - 11' which telescopes from 6' 6" to 11' 5" including 6" of screw adjustment and the 11' - 19' which telescopes from 10' 7" to 19' 5" including 6" of screw adjustment. The Adjustable Form Brace requires the 4x4 Lumber Adapter Kit.

Does not include 4x4 Lumber Adapter Kit.

Priced per each.

Order Number:
7' - 11' 177007
11' - 19' 177010

4 x 4 LUMBER ADAPTER KIT

The 4 x 4 Lumber Adapter is designed to connect the Adjustable Form Brace to a 4x4. It is supplied with all bolts needed.

Priced per each.

Order Number:
177014

TURNBUCKLE FORM BRACE

Turnbuckle Form Braces are nailed to dimensional lumber and used to brace the form. The Turnbuckle Form Brace offers a quick, accurate method of aligning your wall prior to pouring.

Priced per each.

Order Number:
645600

GATES DRILL STAND

The Gates Drill Stand is designed to aid in the process of drilling panels, by allowing you to accurately and efficiently drill several panels at a time. The Gates Drill Stand assures perfectly-drilled tie or bolt holes at right angles to the panel face. It fits any electric drill with a ½" chuck. Just attach your drill to the top of the shaft.

Includes Drill Stand, Shaft, and ½" Chuck.

Priced per each.

Order Number:
157910
#9 ANCHOR LOCK GANG FORM PARTS CATALOG

### ½" CHUCK

The ½" Chuck is a replacement part for the Gates Drill Stand, this part is for replacement purposes only.

**Order Number:** 157911A

Priced per each.

### DRILL STAND SHAFT ONLY

The Drill Stand Shaft is a replacement part for the Gates Drill Stand, this part is for replacement purposes only.

**Order Number:** 157912A

Priced per each.

### 1 ⅛" SPADE DRILL BIT

The 1 ⅛" Spade Drill Bit is used to drill holes in #9 Anchor Lock Gang forms. The 1 ⅛" hole provides clearance for the 1" O.D. ties.

**Order Number:** XXXXXX

Priced per each.

### ¾" x 2' FOOTING STAKES WITH HOLES

A heavy-duty Footing Stake for the many uses on the job.

**Order Number:** 155019

Priced per each.
**3/4" HIGH QUALITY FORM PLYWOOD**

Available in 4' x 8', 4' x 10' and 4' x 12' and custom cut sizes by request. Truckload quantities shipping directly to your location are available upon request.

100/100 HDO
100/30 HDO
Barrier Film

Priced per sheet.

**LVL LUMBER**

LVL lumber is designed to provide consistent strength and quality. LVL lumber can be manufactured to meet the dimensions of your job with long continuous lengths available. LVL lumber provides a stronger and more durable alternative to Grade #2 or better dimensional lumber. Stock lengths available below.

Truckload quantities shipping directly to your location are available upon request.

<table>
<thead>
<tr>
<th>Size</th>
<th>16'</th>
<th>20'</th>
<th>24'</th>
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