



G-STRUT® WIZARD Accessories

# 10 QUESTIONS TO ASK —

WHEN SELECTING THE RIGHT G-STRUT® ACCESSORIES

## 1 BASIC FASTENING HARDWARE

- Channel nuts**
- Spring nut or top spring
  - No spring
  - EZ (conical shaped)
  - Thread size/standard or metric
- Finish (EG, HDG, SS)

## 2 TYPICAL HARDWARE AND ROD

- Other threaded fasteners**
- Bolt, screw, nut, washer
  - Rod couplers, swivels
  - Threaded rod (EG, SS, HDG, PL)
  - Sizes (1/4" thru 2-1/2")
- Finish (EG, HDG, SS, Plain)

## 3 FITTINGS AND ACCESSORIES

- Flat plate**
- Angle
  - Wing
  - "Z" fitting
  - Splice
- "U" fitting**
- Clevis
  - Roller & trolley
  - Post bases
  - Custom
- Finish (EG, HDG, SS, Painted, Plain, YZ, PVC)

## 4 BEAM CLAMPS AND U-BOLTS

- Using structural beams**
- Flange type
  - Malleable/ductile
  - U-bolt or pierced
- Finish (EG, Plain, SS)

## 5 BRACKET FITTINGS

- Stair, ladder, wall**
- Clevis type
  - Shelf brackets
  - Knee and tube brace
- Finish (EG, HDG, SS, Painted)

## 6 CONDUIT CLAMPS

- EMT**
- Rigid
  - Universal
  - O.D. tubing
- Angle, riser, "U"**
- Copper
  - Stainless
  - Cushion
- Finish (EG, HDG, SS, Painted, YZ, PVC, AL)

## 7 ENDCAPS AND CLOSURES

- Steel or PVC end caps**
- Type A or B
  - Finish/color
- Steel or plastic closure strip**
- Pre-galv.
  - Color

## 8 CONTINUOUS CONCRETE INSERTS

- Channel size**
- 1-3/8" • 1-5/8" • 13/16"
- Accessories**
- Finish (EG, HDG, SS)

## 9 ROOF BLOCK SUPPORTS

- Standard closed cell poly foam**
- Metal insert cap
  - HDPE (polyethylene) channel

## 10 SPECIALS/CUSTOM ORDERS

- Custom cuts, CTL
- Special packaging/bundling
- Atypical finishes
- Custom colors
- Does job require domestic origin?



G-STRUT® Metal Framing Channel & Fittings

# 5 QUESTIONS TO ASK —

WHEN SELECTING THE RIGHT G-STRUT® CHANNEL

## 1 GAUGE AND DEPTH

- What minimum gauge (material thickness) and depth (profile size) are required for the job?
- 12 Gauge (.097)**
- 1-5/8" x 13/16" D
  - 1-5/8" x 7/8" D
  - 1-5/8" x 1" D
  - 1-5/8" x 1-3/8" D
  - 1-5/8" x 1-5/8" D
  - 1-5/8" x 2-7/16" D
  - 1-5/8" x 3 1/4" D
- 14 Gauge (.071)**
- 1-5/8" x 13/16" D
  - 1-5/8" x 1-5/8" D

## 2 LENGTH

- What channel length will best serve our end use?
- **Standard 10'**  
(Shorter runs for easy handling)
  - **Standard 20'**  
(Typical for longer runs)
  - **6'8"** (Typical for commercial joists distance)
  - **Custom manufactured-to-length**  
any size 4" to 24'

## 3 PERFORATION

- What "hole pattern" (if any) will best serve the job function?
- **Oval slot** (Half slot) [9/16" x 1 1/8" x 2" on ctr.]
  - **Long slot** (Elongated slot) [13/32" x 3" x 4" on ctr.]
  - **Round hole** [9/16" Diam x 1-7/8" on ctr.]
  - **Knock out** [7/8" Diam x 6" on ctr.]
  - **Solid** (No perforation)
  - **Continuous concrete insert**

## 4 MATERIAL

- What "substrate" will best serve the job function?
- **Steel**  
(Carbon steel, structural grade, 33,000 min yield)
  - **Stainless steel** [Grade 304 or 316]
  - **Aluminum**
  - **Fiberglass**

## 5 FINISH

- What type of finish or coating will best serve the construction?
- Pre-galvanized** (Continuous galvanized)
- G90 zinc coating weight for cost-effective long-term galvanic and barrier corrosion protection
- Hot dipped Galvanized**
- (HDG - after fabrication, batch dip) where aqueous or exterior applications require greater corrosion protection
- Green**
- Powder coated, heat cured, topical coating (custom colors also available)
- PVC coat** (May PVC coat over plain or galvanized)
- Heavy PVC coat for extended barrier protection or cosmetic effects
- WIZCoat™ galvanneal**
- Paintable pregalvanized material requires no pre-treatment. Easily spray or dry fall painted post-installation
- Plain**
- Untreated, "plain" steel with no topical/barrier coating
- Gold**
- Yellow zinc electro galv.
- PVC coat** (May PVC coat over plain or galvanized)
- Heavy PVC coat for extended barrier protection or cosmetic effects



G-FORCE® Pipe Hangers & Supports

# 10 QUESTIONS TO ASK —

WHEN SELECTING THE RIGHT G-FORCE® HANGERS

## 1 BEAM CLAMPS

- Malleables**
- Universal ("Junior")
  - Wide Throat
  - Purlin
  - Rod Insulator
  - C-Clamp and Iron Jaw
- Steel clamps**
- C-Clamp and C-Type
  - Window
  - Adjustable rod
  - Adjustable flange
  - Center load
- Finish (Plain, Galv., HDG, SS)

## 2 CLEVIS HANGERS

- Clevis types**
- Standard
  - w/Insulation shield
  - Extended bottom
  - Light duty
  - "V" bottom
- Finish (Plain, Galv., CU, HDG, SS, EPOX)

## 3 RISER CLAMPS

- Standard duty**
- Iron pipe riser
  - Single bolt
- Underground**
- Pipe clamp washer
  - 2-bolt and 4-bolt heavy duty
- Heavy duty**
- Riser pipe clamp
  - Double bolt
  - Offset
  - Extended
- Finish (Plain, Galv., CU, HDG, SS, EPOX)

## 4 SWIVEL RINGS

- Swivel types (NFPA)**
- Iron pipe swivel
  - Iron pipe swivel with shield
  - Conduit J-type
- Finish (Plain, Galv., CU, HDG, SS, EPOX)

## 5 SPLIT RING HANGERS

- Split ring types**
- Hinged
  - Extension
  - 2-screw
  - Van
- Finish (Plain, Galv., CU, HDG, SS, EPOX)

## 6 SHIELDS AND SADDLES

- Shields**
- Insulation protection
  - Self-centering/ribbed
  - Plastic pipe trough
- Saddles**
- Pipe covering protection
  - Isolators
  - Surge ring
- Saddle supports**
- Adjustable
  - Heavy duty

## 7 ROLLER SUPPORTS AND STRAPS

- Pipe rollers**
- Clevis roller
  - Chair type
  - Pipe roller stand
  - Two rod type/double yoked
  - Adjustable roller
- Straps**
- Standard 1 and 2 hole
  - CPVC
  - J hook
  - Short pipe
- Finish (Plain, Galv., CU, HDG, SS, EPOX)

## 8 SEISMIC

- Studded channel nuts
- Rod stiffener
- Conveyor nuts
- No-turn washers
- Adjustable hinges
- Sway braces

## 9 U-BOLTS AND ALL-THREAD ROD

- Carbon steel u-bolts**
- All-thread**
- 6', 10', 12'
  - 1/4" through 1-1/4"
- Finish (Plain, Galv., CU, HDG, SS, EPOX)

## 10 HARDWARE, CONNECTORS AND MISC

- Ceiling flange
- Eye nuts and sockets
- Beam connectors
- Brackets
- Square plate washers
- Eye rods
- Concrete inserts



**BEAM CLAMPS**

W100 Series

W110 Series

W130 Series

W140 Series

W200 and W201 Series

W210 and W211 Series

W215-W217 Series

W220 Series

W225 Series

W226 Series

W227 Series

W230 Series

**RETAINING STRAPS AND GUIDES**

W115 Series

W116 Series

W117 Series

W118 Series

W120 Series

W121-W127 Series

**SADDLE SUPPORTS**

W240 Series

W245 Series

W250 Series

W255 Series

W260 Series

W261 Series

W265 Series

**STANDS, WALL BRACKETS AND SUPPORTS**

W275 Series

W276 Series

W280 Series

W281 Series

W290 Series

W291 Series

**SWIVEL RING AND BAND HANGERS**

W300 and W302 Series

W303 Series

W305-W307 Series

W310 Series

W320 Series

W325 Series

W330 Series

W340 Series

**CLEVIS HANGERS**

W400 Series

W405 Series

W410 Series

W411 Series

W412 Series

W413 Series

W415 Series

W420 Series

W430 Series

**RISER CLAMPS AND ACCESSORIES**

W500 Series

W501 Series

W502 Series

W503 Series

W504 Series

W505 Series

**Riser Clamps and Accessories, continued**

W510 Series

W511 Series

W520 Series

W521 Series

W530 Series

W540 Series

W550 Series

**SHIELDS AND ISOLATORS**

W560 Series

W561 Series

W562 Series

W570 Series

W580 Series

W581 Series

W585 Series

W586 Series

**PIPE ROLLERS**

W600 Series

**Pipe Rollers, continued**

W601 Series

W610 Series

W620 Series

W621 Series

W622 Series

W623 Series

W630 Series

W640 Series

W641 Series

W642 Series

**PIPE STRAPS, HOOKS AND TURNBUCKLES**

W650 Series

W651 Series

W652 Series

W655 Series

W660 Series

**Pipe Straps, Hooks and Turnbuckles, continued**

W665 Series

W670 Series

W671 Series

W680 Series

W700 Series

W701 Series

W702 Series

W705 Series

W710 Series

**EYE NUTS, SOCKETS AND BRACKETS**

W715 Series

W720 Series

W725 Series

W728 Series

W730 Series

W735 Series

W736 Series

W737 Series

**WELDING ATTACHMENTS AND CONCRETE PLATES**

W738 Series

W739 Series

W740 Series

W741 Series

W745 Series

W746 Series

**SPECIAL FLANGES AND SPLIT RINGS**

W750 Series

W751 Series

W752 Series

W755 Series

W760 Series

W761 Series

W765 Series

W770 Series

W780 Series

**Special Flanges and Split Rings, continued**

W785 Series

W790 Series

**MISCELLANEOUS ACCESSORIES AND FASTENERS**

W791 Series

W800 Series

W805 and W806 Series

W810 and W811 Series

W815 Series

W816 Series

W817 Series

W818 Series

W820 Series

W821 Series

W825 Series

W830 Series

W835 Series

W836 Series

W840 Series

**Misc. Accessories and Fasteners, continued**

W841 Series

W842 Series

W850 Series

W855 Series

W860 Series

W863 Series

W864 Series

W865 Series

W866 Series

W867 Series

W868 Series

W869 Series

W870 Series

W871 Series

W872 Series

W873 Series

**ROOF BLOCKS**

GRB100 Series

GRB100

GRB101

GRB102

GRB103

GRB104

GRB200 Series

GRB300 Series

**SEISMIC BRACING**

GSTN Series

GR5375062

GDCN031

G316 and G3300 Series

**MISCELLANEOUS AND SPECIAL FITTINGS**

G336 Series

G337

G338 Series

G339

G340

G341 Series

G3410 Series

G3421, G3422

G3431, G3432

G344

G346 Series

G347

G348

G349

G350

G351

G352

G619

**Misc. and Special Fittings, continued**

G619A

G619FL

G619AFL

G619ASQ

G619SQ

G620

G620A

G620AFL

G620FL

G620ASQ

G620SQ

**"U" FITTINGS AND BRACES**

G602 Series

G603 Series

G6041

G605 Series

G606 Series

**"U" Fittings and Braces, continued**

G607

G608 Series

GTB608 Series

G609 Series

G610

G611

G6111

G613

**CLEVIS FITTINGS**

G622 Series

G623

G624

G625

**HARDWARE**

No Spring Series

Short Spring Series

Regular Spring Series

Long Spring Series

GTSN Series

**Hardware, continued**

GCN Series

GHH Series

GLW Series

GFW Series

GHN Series

GFH Series

GRH Series

GSN Series

GAT Series

GRC Series

**INSERTS AND ENDCAPS**

Continuous Concrete Inserts

G382

G132

G582

Type A

Type B

GCLPL, GCLPG

**Shelf Brackets, continued**

GT623 Series

GT625 Series

**FLAT PLATE FITTINGS**

G201 Series

G202 Series

G203 Series

G205

G2051

G206 Series

G207

G2071

G208

G210

G211

G212

G213

G214

G216

**Flat Plate Fittings, continued**

G217

G218

G219

G2191

G220

G221

G222

**WING FITTINGS**

G321L, R

G32112L, R

G326

G3261

G327

G3271

G3281

G329

G329L, R

G330L, R

G331

G332

**Wing Fittings, continued**

G333

G334

G335

**SUPPORT SYSTEMS**

G154 Series

GTR Series

G904 Series

**ANGLE FITTINGS**

G301

G302

G303 Series

G304

G3051

G306 Series

G3071

G308

G309

G310

**Angle Fittings, continued**

G311

G312

G313

G314

G315, G3151

G317 Series

G319 Series

G320 Series

G3200 Series

G322

G323 Series

G323 Series

**BRACKETS AND SUPPORTS**

GM601

GM602

GT612 Series

GM610 Series

**Brackets and Supports, continued**

GM611 Series

GT613 Series

GT614

GT615

GT616

GT617 Series

GT618 Series

**BEAM CLAMPS**

G401

G402 Series

G4021

G403

G406

G407

G4071

**Beam Clamps, continued**

G408 Series

G410 Series

G411 Series

G413 Series

G414 Series

**CLAMPS**

EMT GC110 Series 1/2"-2"

Rigid GC112 Series 1/2"-10"

Universal GC114 Series 1/2"-2"

O.D. Tubing GC111 Series 1/2"-8"

Cushion-Tube GC1 Series 1/4"-4 1/8"

Cushion-Pipe GC2 Series 1/4"-6"

O.D. Tube GC111 Copper Series 1/4"-8"

Pipe Strap G1108 Series 1/2"-8", 2-hole

Tubing Clamp G1109 Series 1/4"-1", 1-hole

**METAL FRAMING CHANNEL**

12 Gauge

G812 3/4"

G712 2 7/16"

G582 1 5/8"

G382 1 3/8"

G102 1"

G132 13/16"

G782 7/8"

14 Gauge

G584 1 5/8"

G134 13/16"

NOTE: Profiles shown smaller than actual size.

**PERFORATION DIMENSIONS**

Oval Slot 9/16"x1 1/8", 2" on Center

Long Slot 13/32"x3/4", 4" on Center

Hole 9/16" dia., 1 7/8" on Center

Knock Out 7/8", 4" on Center

**MATERIAL**

Steel

Stainless Steel

Aluminum

Fiberglass

**FINISH**

Pre-Galvanized

Hot Dipped

Green

PVC Coat

WizCoat® Galvalume

Plain

Gold

Custom Colors