

Index — Pipe Hangers and Straps

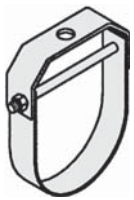


Fig. 1
Standard Clevis Hanger
MSS-SP-69, Type 1
WW-H-171E, Type 1
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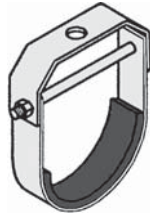


Fig. 1F
Standard Clevis Hanger
with Felt Lining
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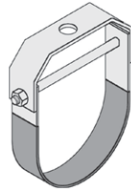


Fig. 1PVC
PVC Coated
Clevis Hanger
MSS-SP-69, Type 1
WW-H-171E, Type 1
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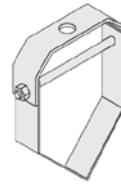


Fig. 1V
V-Bottom Clevis Hanger
Page 20



Fig. 2F
Adjustable Band Hanger
with Felt Lining
MSS-SP-69, Type 10
WW-H-171E, Type 10
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Fig. 2WON
Adjustable Band Hanger
w/o Swivel Nut
MSS-SP-69, Type 7
WW-H-171E, Type 7
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Fig. 1CI

Clevis Hanger for
A.W.W.A.
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Fig. 81

Copper Tubing
Clevis Hanger
WW-H-171E, Type 12
Page 70

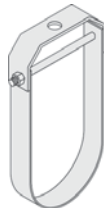


Fig. 81PVC
PVC Coated
Copper Tubing
Clevis Hanger
WW-H-171E, Type 12
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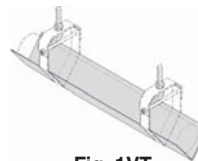


Fig. 1VT
"V" Support Trough
Page 20



Fig. 200WON
Trimline Band Hanger
w/o Swivel Nut
MSS-SP-69, Type 7
WW-H-171E, Type 7
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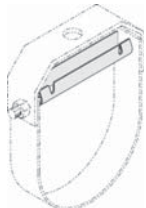


Fig. 1A
Clevis Hanger
for Insulated Pipe
MSS-SP-69, Type 1
WW-H-171E, Type 1
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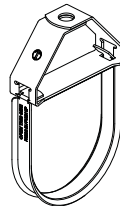


Fig. 10
"Ultra" Clevis Hanger
for Insulated Pipe
MSS SP-58, Type 1
Page 19



Fig. 20
Standard Pipe Strap
MSS-SP-69, Type 26
WW-H-171E, Type 26
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Fig. 2FWON
Adjustable Band Hanger
w/o Swivel Nut
with Felt Lining
MSS-SP-69, Type 10
WW-H-171E, Type 10
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Fig. 2
Adjustable Band Hanger
MSS-SP-69, Type 10
WW-H-171E, Type 10
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Fig. 1CBS
Cross Bolt Spacer
Page 15



Fig. 3F
J-Hanger with Felt Lining
MSS-SP-69, Type 5
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Fig. 20S
Flush Mount Pipe Strap
MSS-SP-69, Type 26
WW-H-171E, Type 26
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Fig. 203
Adjustable Band Hanger
PVC Coated
MSS-SP-69, Type 10
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Fig. 200
Trimline Band Hanger
MSS-SP-69, Type 10
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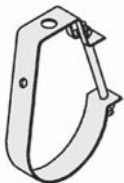


Fig. 3
J-Hanger for
Pipe or Conduit
MSS-SP-69, Type 5
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Fig. 21
"TIN" Strap
with Felt Lining
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Fig. 22
Hanger for CPVC
Plastic Pipe
Single Fastener Type
Page 37



Fig. 28
Standoff Hanger and
Restrainer for CPVC
Plastic Pipe
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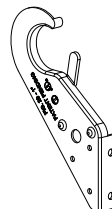


Fig. 200R
(Import) Trimline Band
Hanger
MSS-SP-69, Type 10
WW-H-171E, Type 10
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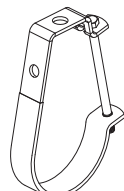


Fig. 3PVC
J-Hanger
with PVC Coating
MSS-SP-69, Type 5
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Fig. 23
Hanger for CPVC
Plastic Pipe, Double
Fastener Strap Type
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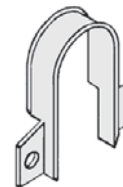


Fig. 24
Hanger for
CPVC Plastic Pipe,
Double Fastener Strap
Type Side Mount
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Fig. 28M
CPVC Hanger and
Restrainer for CPVC
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Fig. 202
Copper Tubing
Adjustable Band Hanger
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Fig. 200H
Heavy Duty Band
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Fig. 29
CPVC Double Offset
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Fig. 40
Return Line
Offset J-Hook
WW-H-171E, Type 27
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Fig. 41
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Straight J-Hook
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Fig. 120
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Fig. 120MJ
Mutt & Jeff
U-Hanger
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Fig. 120W
Wrap Around
U-Hanger
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Fig. 301CT
Copper Tubing
Split Ring
Extension Hanger
MSS-SP-69, Type 12
WW-H-171E, Type 25
Page 106



Fig. 120RWA (B)
Retrofit Wrap Around
U-Hanger Clamp
MSS-SP-69, Type 4
WW-H-171E, Type 4
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Pipe Clamps



Fig. 4
Standard Pipe Clamp
MSS-SP-69, Type 4
WW-H-171E, Type 4
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Fig. 4F
Standard Pipe Clamp
with Felt Lining
MSS-SP-69, Type 4
WW-H-171E, Type 4
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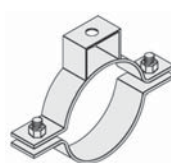


Fig. 4B
Seismic
Pipe Clamp
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Fig. 5
Standard Double Bolt
Pipe Clamp
MSS-SP-69, Type 3
Ww-H-171E, Type 3
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Fig. 6
Riser Clamp
MSS-SP-69, Type 8
WW-H-171E, Type 8
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Fig. 6PVC
PVC Coated
Riser Clamp
MSS-SP-69, Type 8
WW-H-171E, Type 8
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Fig. 4H
Heavy Pipe Clamp
MSS-SP-69, Type 4
Ww-H-171E, Type 4
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Fig. 4A
Pipe Clamp for
Sway Bracing
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Fig. 4C.I.
Pipe Clamp for
Cast Iron Pipe
MSS-SP-69, Type 4
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Fig. 4PVC
PVC Coated
Pipe Clamp
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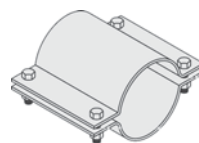


Fig. 433
Copper Tube Clamp
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Fig. 434
IPS Clamp
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Fig. 5H
Heavy Duty Double Bolt
Pipe Clamp
MSS-SP-69, Type 3
WW-H-171E, Type 3
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Fig. 82
Copper Tubing
Riser Clamp
MSS-SP-69, Type 8
Ww-H-171E, Type 8
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Fig. 6F
Riser Clamp
with Felt Lining
MSS-SP-69, Type 8
Ww-H-171E, Type 8
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Index — Pipe Clamps (Continued)

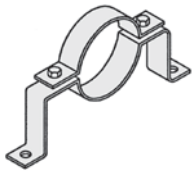


Fig. 7
Offset Pipe Clamp
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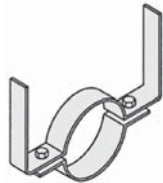


Fig. 8
Extended Pipe Clamp
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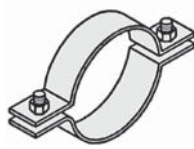


Fig. 9
Underground
Socket Clamp
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Fig. 9X
Socket Clamp Washer
Used with Fig. 9
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Fig. 14
Double Bolt
Underground Socket
Clamp
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Fig. 14X
Plate Washer
Used with Fig. 14
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Beam Clamps and Accessories

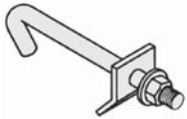


Fig. 60
Top Beam Clamp
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Fig. 61
Top Beam Hook
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Fig. 61T
Threaded Top Hook
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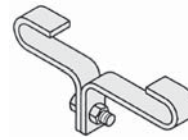


Fig. 62
Center Load
Beam Clamp
MSS-SP-69, Type 21
WW-H-171E, Type 21
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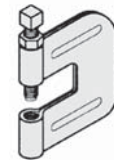


Fig. 64
Steel "C" Clamp
with Lock Nut
MSS-SP-69, Type 23
WW-H-171E, Type 23
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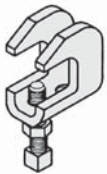


Fig. 65
Steel Reversible
"C" Type Beam Clamp
with Lock Nut
3/4" Opening
MSS-SP-69,
Type 19 & 23
WW-H-171E, Type 23
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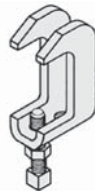


Fig. 66
Steel Reversible
"C" Type Beam Clamp
with Lock Nut
1 1/4" Opening
MSS-SP-69,
Type 19 & 23
WW-H-171E, Type 23
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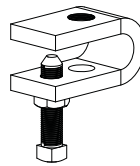


Fig. 67SS & 68SS
Stainless Steel
Reversible "C" Type
Beam Clamps
3/4" Throat Opening/
Wide Mouth SS
MSS-SP-69, Type 19
Page 62



Fig. 68
Wide Throat Top
Beam "C" Clamp
with Lock Nut
MSS-SP-69, Type 19
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Fig. 68s & 68w
Malleable, Reversible
Beam Clamps
3/4" & 1-1/4"
Throat Openings
MSS SP-58, Type 19
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Fig. 69
Beam Clamp
Retaining Strap
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Fig. 69R
Retrofit Capable
Beam Clamp
Retaining Strap
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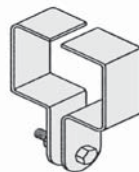


Fig. 130
Beam Clamp with
Bolt and Nut
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Fig. 329
Adjustable Beam Clamp
MSS-SP-69, Type 30
WW-H-171E, Type 30
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Fig. 333
Extension Piece
Use with Fig. 329
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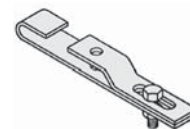


Fig. 335
Adjustable Side
Beam Clamp
MSS-SP-69, Type 25
WW-H-171E, Type 53
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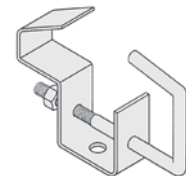


Fig. 336
Adjustable Beam Clamp
MSS-SP-69, Type 27
WW-H-171E, Type 54
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Index — Upper Attachments

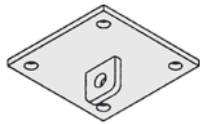


Fig. 33
Concrete
Single Lug Plate
Page 49

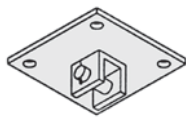


Fig. 34
Concrete Clevis Plate
with Pin
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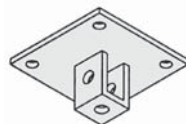


Fig. 35
Concrete
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Fig. 42
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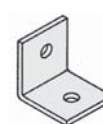


Fig. 50
Side Beam Bracket
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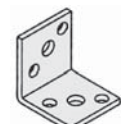


Fig. 52
Side Beam Bracket
Six Holes
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Fig. 58
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Beam Bracket
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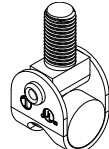


Fig. 75
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Fig. 78
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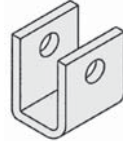


Fig. 304
Weld Beam Attachment
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WW-H-171E, Type 22
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Fig. 56
Tapped Side Beam
Connector
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Fig. 305
Weld Beam Attachment
with Pin
MSS-SP-69, Type 22
Ww-H-171E, Type 22
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Fig. 337
Adjustable Beam
Attachment
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Fig. 343
Welding Lug
MSS-SP-69, Type 57
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Concrete Inserts

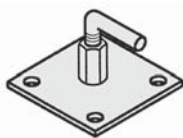


Fig. 107F
Concrete Insert
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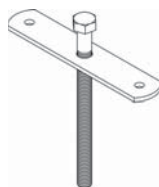


Fig. 109A
Concrete Deck Insert
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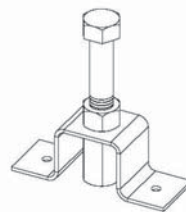


Fig. 109AF
Concrete Insert
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Fig. 150
Wing-It® Concrete
Deck Insert
FM Approved
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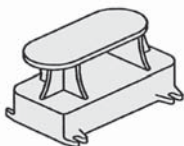


Fig. 309
Concrete Insert
MSS SP-69, Type 18
WW-H-171E, Type 18
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Fig. 309N
Concrete Insert Nut
Use with Fig. 309
MSS SP-69, Type 18
Ww-H-171E, Type 18
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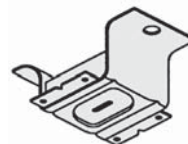


Fig. 310
Steel Spot
Concrete Insert
MSS SP-69, Type 18
WW-H-171E, Type 19
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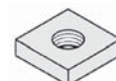


Fig. 310N
Steel Spot Insert Nut
Use with Fig. 310
MSS SP-69, Type 18
WW-H-171E, Type 19
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Index — Pipe Rollers



Fig. 322
 Pipe Roller with Sockets
 MSS-SP-69, Type 41
 WW-H-171E, Type 42
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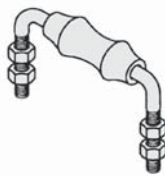


FIG. 323
 Adjustable
 Support Roller
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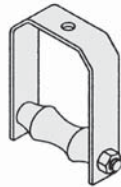


Fig. 324
 Pipe Roller Hanger
 MSS-SP-69, Type 43
 WW-H-171E, Type 44
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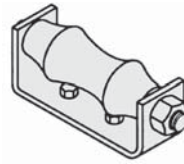


Fig. 325
 Pipe Roller Chair
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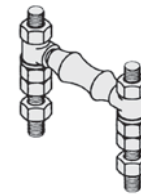


Fig. 326
 Adjustable
 Roller Support
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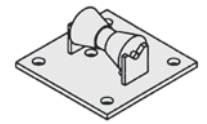


Fig. 327
 Pipe Roller and Stand
 MSS-SP-69, Type 44
 WW-H-171E, Type 45
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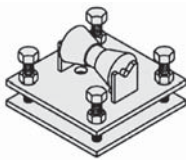


Fig. 328
 Adjustable
 Pipe Roller Stand
 MSS-SP-69, Type 48
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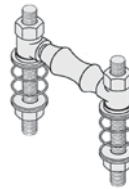


Fig. 500
 Spring Cushion
 Pipe Roller
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Pipe Anchors, Guides, Saddles, Shields and Supports



Fig. 32
 Anchor Chair
 Page 48



Fig. 83
 Isolator Copper Tube
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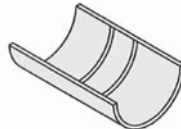


Fig. 219
 Rib Shield
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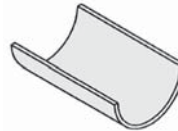


Fig. 220
 Insulation
 Protection Shield
 MSS-SP-69, Type 40
 WW-H-171E, Type 41
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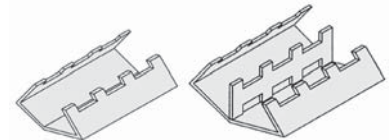


Fig. 260-1 thru 265-4
 Pipe Covering Protection Saddle
 1" thru 4" Insulation
 MSS-SP-69, Type 39
 WW-H-171E, Type 40A & 40B
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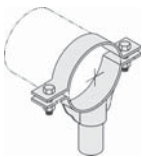


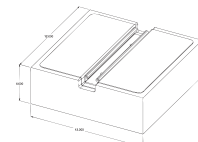
Fig. 311
 Pipe Saddle with Strap
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Fig. 312
 Adjustable Pipe Support
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Fig. 313
 Adjustable Pipe Support
 with U-Bolt
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Pipe Pier
 Pipe Support Systems for Roof
 & Raised Floor Applications
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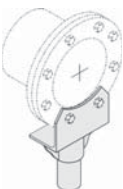


Fig. 314
 Flange Support
 MSS-SP-69, Type 37
 WW-H-171E, Type 37
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Fig. 315
 Adjustable Pipe
 Support
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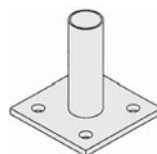


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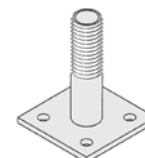


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Fig. 317A
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 Threaded Pipe Adjuster
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Fig. 318A
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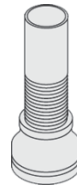


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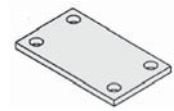


Fig. 406
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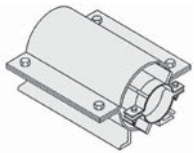


Fig. 420
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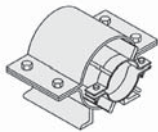


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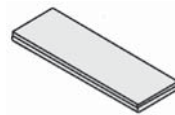


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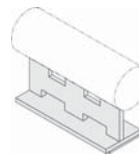


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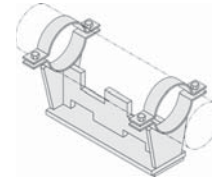


Fig. 426C
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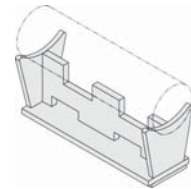


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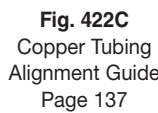


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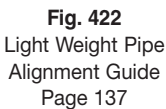


Fig. 422
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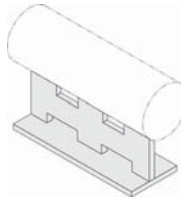


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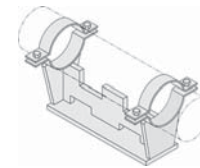


Fig. 426AC
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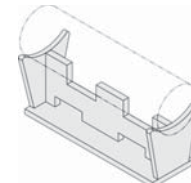


Fig. 426AG
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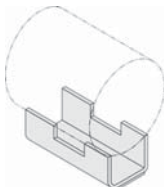


Fig. 427
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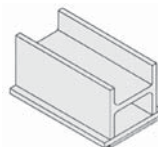


Fig. 428
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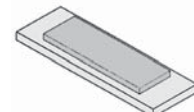


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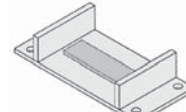


Fig. 430
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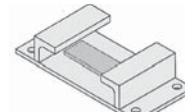


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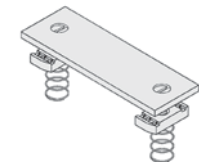


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Brackets

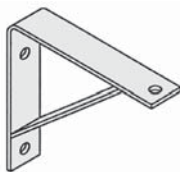


Fig. 30
 Light Welded Bracket
 MSS-SP-69, Type 31
 WW-H-171E, Type 32
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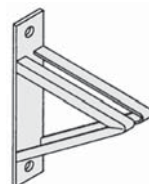


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 MSS-SP-69, Type 31
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Fig. 31-M
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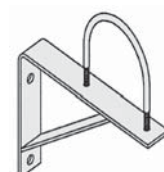


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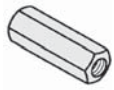
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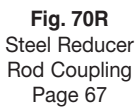


Fig. 70R
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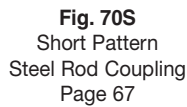


Fig. 70S
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Fig. 71
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Fig. 101L
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Fig. 102
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Fig. 102L
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Fig. 100
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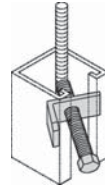


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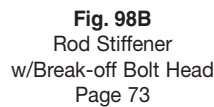


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Fig. 104
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Fig. 105
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Standard U-Bolt
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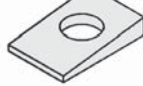


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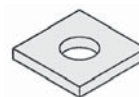


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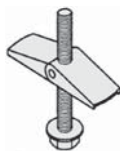


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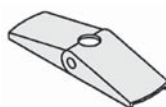


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Fig. 126
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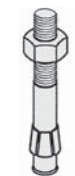


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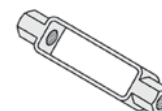


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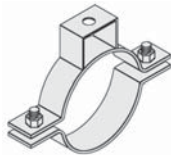


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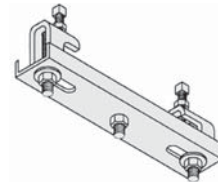


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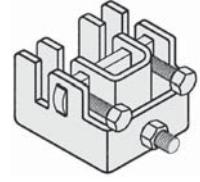


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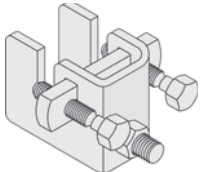


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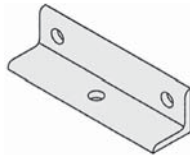


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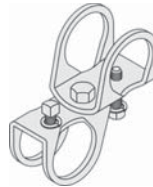


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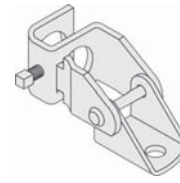


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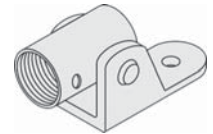


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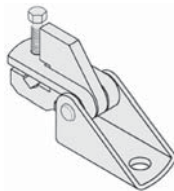


Fig. 980
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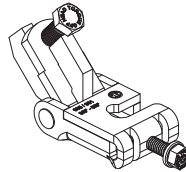


Fig. 981
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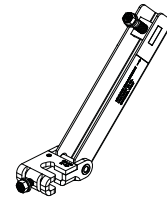


Fig. 985
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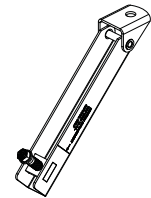


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Fig. 990
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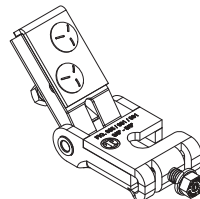


Fig. 991
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Fig. 1000
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Fig. 2002
Sway Brace Attachment
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Spring Hangers (Consult Factory for Information and Specifications)

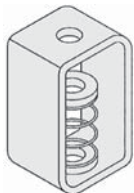


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