CONTENTS

CONTENTS ........................................................................................................................................... 2

TOOLS

ERT1S ........................................................................................................................................... 3 & 4
ERT2S ........................................................................................................................................... 5 & 6
ERT3S ........................................................................................................................................... 7 & 8
ERT4S ........................................................................................................................................... 9 & 10
ERT5S ........................................................................................................................................... 11 & 12
ERT6S ........................................................................................................................................... 13 & 14
ERT2SMQ ...................................................................................................................................... 15 & 16
ERT9 & ERT9V .............................................................................................................................. 17 & 18

POWER SYSTEMS

EPS1V & EPS1 .................................................................................................................................. 19
EPS4MP-4 ...................................................................................................................................... 20
EPS6V (Pneumatic Power Source) ................................................................................................. 21
ERT7 & ERT8 (Pneumatic Tools) .................................................................................................... 22 - 24

PULLING HEAD

SAMPLE PULLING HEAD DRAWINGS ............................................................................................. 25
NOSEPIECES AND RELATED RIVET TYPE/SIZE ....................................................................... 26 & 27

HUCK WORLD-WIDE LOCATIONS .................................................................................................. 28
ERT1S
(Single Acting)

- 3/32 - 3/16 Blind Rivets
- Pistol Style Tool
- Lightest Weight Tool In The Product Line (3lbs.)
- Fastest Cycle Time
- 3/4” Of Pull Stroke
- Rated Pull Force 1,992 lbs.
- Tool Designed For Remote Pintail Collection
ERT1S
(Single Acting Tool)

Available Pulling Heads

<table>
<thead>
<tr>
<th>PHF</th>
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</thead>
<tbody>
<tr>
<td>1</td>
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Available Hose Assemblies

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Available Power Sources: EPS1V

Pulling Head Designation Chart

<table>
<thead>
<tr>
<th>PHF1I1H</th>
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<tbody>
<tr>
<td>1 = 3/32 - 5/32 2 Piece Jaw Blind Rivet</td>
</tr>
<tr>
<td>2 = 3/16 - 1/4 2 Piece Jaw Blind Rivet</td>
</tr>
<tr>
<td>3 = 3/16 - 1/4 3 Piece Jaw Blind Rivet</td>
</tr>
<tr>
<td>4 = Plastic Blind Rivet 1/8&quot;</td>
</tr>
<tr>
<td>5 = Plastic Blind Rivet 5mm &amp; 6mm</td>
</tr>
</tbody>
</table>

Notes:
- If Follower: No Letter = ERT1S, 2S & ERT1D
  I = ERT3S & 4S
  P = ERT9 & 9V
  L = ERT5S & 6S

- If Spreader: No Letter = ERT2D, ERT4D

- If Plastic Rivet: No Letter = ERT7S
  I = ERT8S

Notes:
- 1-6 Refer to A Dimension on Tech Data Drawings in Rear of Manual.
- If Nose Piece Thread Size is Designated as H Add 1/8" to Nose Length.

Notes:
- A = Vacuum Tube 3/16 - 1/4 |
- B = Vacuum Tube 3/16 |
- C = Vacuum Tube 3/32 - 1/8

8' & 12' are Standard
Call for Price and Available for all other lengths.
ERT2S
(Single Acting)

- 3/32 – 1/4 Blind Rivets
- Pistol Style Tool
- Light Weight Tool (3.25 lbs.)
- Fast Cycle Time
- 15/16” Of Pull Stroke
- Tool Designed For Remote Pintail Collection
- Rated Pull Force 4,330 lbs.
ERT2S
(Single Acting Tool)

Available Pulling Heads

<table>
<thead>
<tr>
<th>P</th>
<th>H</th>
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<th>__</th>
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Available Hose Assemblies

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</table>

Note:
- A = Vacuum Tube 3/16 - 1/4
- B = Vacuum Tube 3/16
- C = Vacuum Tube 3/32 - 1/8

Note:
- 8’ & 12’ are Standard
- Call for Price and Available for all other lengths

Available Power Sources: EPS1V

PULLING HEAD DESIGNATION CHART

P | H | 1 | F | 1 | I | H
---|---|---|---|---|---|---
Pulling | Head | Jaw Type: | F = Follower | S = Spreader | Nose Length: | Tool: | Nose Piece Thread Size:

1 = 1-1/4” (Standard)
2 = 3-3/4”
3 = 5-5/8”
4 = 7-3/4”
5 = 8-3/4”
6 = 11”

Notes:
- 1-6 Refer to A Dimension on Tech Data Drawings in Rear of Manual.
- If Nose Piece Thread Size is Designated as H Add 1/8” to Nose Length.

If Follower:
- No Letter = ERT1S, 2S & ERT1D
- I = ERT3S & 4S
- P = ERT9 & 9V
- L = ERT5S & 6S

If Spreader:
- No Letter = ERT2D, ERT4D

If Plastic Rivet:
- No Letter = ERT7S
- I = ERT8S

No Letter = Standard (3/8)
H = Heavy Duty (7/16)

Notes:
- 1-6 Refer to A Dimension on Tech Data Drawings in Rear of Manual.
- If Nose Piece Thread Size is Designated as H Add 1/8” to Nose Length.
ERT3S
(Single Acting)

- 3/32 – 3/16 Blind Rivets
- Inline Style Tool
- Tool Designed To Be Used With Counter Balancer
- Fastest Cycle Time
- 3/4" Of Pull Stroke
- Tool Designed For Remote Pintail Collection
- Rated Pull Force (1,992 lbs.)
- Weight (3.5 lbs.)
**ERT3S**

(Single Acting Tool)

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**Available Pulling Heads**

<table>
<thead>
<tr>
<th>P</th>
<th>H</th>
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**Available Hose Assemblies**

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<tr>
<td>15</td>
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</table>

*Note:*
- A = Vacuum Tube 3/16 - 1/4
- B = Vacuum Tube 3/16
- C = Vacuum Tube 3/32 - 1/8

8’ & 12’ are Standard
Call for Price and Available for all other lengths

---

**Available Power Sources:** EPS1V

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**Pulling Head Designation Chart**

<table>
<thead>
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<th>P</th>
<th>H</th>
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<tbody>
<tr>
<td>Pulling</td>
<td>Head</td>
<td>Jaw Type:</td>
<td>F = Follower</td>
<td>S = Spreader</td>
<td>Nose Length:</td>
</tr>
</tbody>
</table>

- 2 = 3/16 - 1/4 2 Piece Jaw Blind Rivet
- 3 = 3/16 - 1/4 3 Piece Jaw Blind Rivet
- 4 = Plastic Blind Rivet 1/8”
- 5 = Plastic Blind Rivet 5mm & 6mm

- Tool: Nose Piece Thread Size:
  - No Letter = Standard (3/8)
  - H = Heavy Duty (7/16)

*Notes:*
- 1-6 Refer to A Dimension on Tech Data Drawings in Rear of Manual.
- If Nose Piece Thread Size is Designated as H Add 1/8” to Nose Length.

If Follower: No Letter = ERT1S, 2S & ERT1D
I = ERT3S & 4S
P = ERT9 & 9V
L = ERT5S & 6S

If Spreader: No Letter = ERT2D, ERT4D

If Plastic Rivet: No Letter = ERT7S
I = ERT8S
ERT4S
(Single Acting)

- 3/32 – 1/4 Blind Rivets
- Inline Style Tool
- Tool Designed To Be Used With Counter Balancer
- Fast Cycle Time
- 15/16” Of Pull Stroke
- Tool Designed For Remote Pintail Collection
- Rated Pull Force (4,330 lbs.)
- Weight (3.5 lbs.)
# ERT4S
(Single Acting Tool)

### Available Pulling Heads

<table>
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<tr>
<th>P</th>
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### Available Hose Assemblies

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<tr>
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<td>15</td>
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</table>

Note:
- A = Vacuum Tube 3/16 - 1/4
- B = Vacuum Tube 3/16
- C = Vacuum Tube 3/32 - 1/8

Note:
- 8’ & 12’ are Standard
- Call for Price and Available for all other lengths

### Available Power Sources:

EPS1V

### Pulling Head Designation Chart

<table>
<thead>
<tr>
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<tr>
<td>4</td>
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<tr>
<td>5</td>
</tr>
</tbody>
</table>

1 = 1-1/4” (Standard)
2 = 3-3/4”
3 = 5-5/8”
4 = 7-3/4”
5 = 8-3/4”
6 = 11”

Notes:
- 1-6 Refer to A Dimension on Tech Data Drawings in Rear of Manual
- **If Nose Piece Thread Size is Designated as H**
  - Add 1/8” to Nose Length.

**If Follower:**
- No Letter = ERT1S, 2S & ERT1D
- I = ERT3S & 4S
- P = ERT9 & 9V
- L = ERT5S & 6S

**If Spreader:**
- No Letter = ERT2D, ERT4D

**If Plastic Rivet:**
- No Letter = ERT7S
- I = ERT7S
**ERT5S**
(Single Acting)

- 3/32 – 5/32 Blind Rivets
- Limited Access Style Tool (Not Core Product)
- Tool Designed To Be Used In Confined Spaces
- Fast Cycle Time
- 7/8” Of Pull Stroke
### Pulling Head Designation Chart

<table>
<thead>
<tr>
<th>Pulling</th>
<th>Head</th>
<th>Jaw Type:</th>
<th>F = Follower</th>
<th>S = Spreader</th>
<th>Nose Length:</th>
<th>Tool:</th>
<th>Nose Piece Thread Size:</th>
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<tbody>
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<td>F</td>
<td>I</td>
<td>H</td>
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**Available Pulling Heads**

- P = Pulling Head
- H = Nose Length
- 1 = Follower
- F = Spreader

**Available Hose Assemblies**

- H = Hose Assembly
- 5 x 12

**Available Power Sources:**

- EPS1

**Specifications:**

- 2 = 3/16 - 1/4 2 Piece Jaw Blind Rivet
- 3 = 3/16 - 1/4 3 Piece Jaw Blind Rivet
- 4 = Plastic Blind Rivet 1/8"
- 5 = Plastic Blind Rivet 5mm & 6mm

**Notes:**

- 1-6 Refer to A Dimension on Tech Data Drawings in Rear of Manual.
- If Nose Piece Thread Size is Designated as H Add 1/8" to Nose Length.

**If Follower:**

- No Letter = ERT1S, 2S & ERT1D
- I = ERT3S & 4S
- P = ERT9 & 9V
- L = ERT5S & 6S

**If Spreader:**

- No Letter = ERT2D, ERT4D

**If Plastic Rivet:**

- No Letter = ERT7S
- I = ERT7S
ERT6S
(Single Acting)

- 3/16 – 1/4 Blind Rivets
- Limited Access Style Tool (Not Core Product)
- Tool Designed To Be Used In Confined Spaces
- Fast Cycle Time
- 7/8” Of Pull Stroke
ERT6S
(Single Acting Tool)

Available Pulling Heads

P H _ F 1 L _ H
2 3

Available Hose Assemblies

H A 5 x 12

Available Power Sources: EPS1

PULLING HEAD DESIGNATION CHART

Pulling Head: P
Jaw Type: H
F = Follower
S = Spreader
Nose Length: 1
Tool: 1
Nose Piece Thread Size: 1

Notes:
- 1-6 Refer to A Dimension on Tech Data Drawings in Rear of Manual.
- If Nose Piece Thread Size is Designated as H Add 1/8" to Nose Length.

If Follower:
No Letter = ERT1S, 2S & ERT1D
I = ERT3S & 4S
P = ERT9 & 9V
L = ERT9S & 6S

If Spreader:
No Letter = ERT2D, ERT4D

If Plastic Rivet:
No Letter = ERT7S
I = ERT7S

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<tr>
<th>Tool</th>
<th>Nose Piece Thread Size</th>
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<tr>
<td>No Letter</td>
<td>Standard (3/8)</td>
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<tr>
<td>H</td>
<td>Heavy Duty (7/16)</td>
</tr>
</tbody>
</table>

1 = 3/32 - 5/32 2 Piece Jaw Blind Rivet
2 = 3/16 - 1/4 2 Piece Jaw Blind Rivet
3 = 3/16 - 1/4 3 Piece Jaw Blind Rivet
4 = Plastic Blind Rivet 1/8"
5 = Plastic Blind Rivet 5mm & 6mm
ERT2SMQ
(Single Acting)

- 3/32 – 1/4 Blind Rivets
- Manifold Base Tool With Quick Change Fittings
- Fast Cycle Time
- 15/16” Of Pull Stroke
- Rated Pull Force 4,330 lbs.
- Tool Designed For Remote Pintail Collection
### Pulling Head Designation Chart

<table>
<thead>
<tr>
<th>Pulling Head Designation Chart</th>
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<tbody>
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<td><strong>Available Pulling Heads</strong></td>
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<tr>
<th><strong>Available Hose Assemblies</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>H  A  6  x  10  (Air Trigger Hose Assembly)</td>
</tr>
<tr>
<td>H  A  7  x  _  (Hydraulic Hose Assembly)</td>
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<tr>
<td>H  A  8  x  _  (Vacuum Hose Assembly)</td>
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### Available Power Sources

- **ERT2SMQ** (Single Acting Tool)
- **EPS4MP-4** & **EPS4MP-7**

<table>
<thead>
<tr>
<th>Available Power Sources</th>
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</thead>
<tbody>
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<td>ERT2SMQ</td>
</tr>
<tr>
<td>EPS4MP-4</td>
</tr>
<tr>
<td>EPS4MP-7</td>
</tr>
</tbody>
</table>

### Notes

- If **Follower**: No Letter = ERT1S, 2S & ERT1D
- If **Spreader**: No Letter = ERT2D, ERT4D
- If **Plastic Rivet**: No Letter = ERT7S

### Available Hose Assemblies

- **HA6x10** (Air Trigger Hose Assembly)
- **HA7x_** (Hydraulic Hose Assembly)
- **HA8x_** (Vacuum Hose Assembly)

### Available Pulling Heads

- **PH1**
- **PH2**
- **PH3**
- **PH4**
- **PH5**
- **PH6**

### Available Nose Piece Thread Size

- **1 = 1-1/4” (Standard)**
- **2 = 3-3/4”**
- **3 = 5-5/8”**
- **4 = 7-3/4”**
- **5 = 8-3/4”**
- **6 = 11”**

### Notes

- **A** = Vacuum Tube 3/16 - 1/4
- **B** = Vacuum Tube 3/16
- **C** = Vacuum Tube 3/32 - 1/8

### Pulling Head Designation

- **P** = Pulling Head
- **H** = Nose Piece Thread Size
- **1** = 1-1/4” (Standard)
- **F** = Follower
- **S** = Spreader
- **I** = Jaw Type
- **H** = Heavy Duty (7/16)

- **1 = 3/32 - 5/32** 2 Piece Jaw Blind Rivet
- **2 = 3/16 - 1/4** 2 Piece Jaw Blind Rivet
- **3 = 3/16 - 1/4** 3 Piece Jaw Blind Rivet
- **4 = Plastic Blind Rivet 1/8”**
- **5 = Plastic Blind Rivet 5mm & 6mm**

- **Note**: If **Follower**, No Letter = ERT1S, 2S & ERT1D
- **If Spreader**: No Letter = ERT2D, ERT4D
- **If Plastic Rivet**: No Letter = ERT7S

- **I = ERT8S**

### Pulling Head Designation Chart Notes

- 1-6 Refer to A Dimension on Tech Data Drawings in Rear of Manual.
- If Nose Piece Thread Size is Designated as H Add 1/8” to Nose Length.
ERT9 & ERT9V
(Not Shown)
(Pneudraulic Tool)

- 3/32 – 1/4 Blind Rivets
- Self Contained Pneudraulic Tool (90 psi)
- Available with pintail Collection system (ERT9V)
- Lightweight (Only 5.4 Pounds)
- 1-1/16” Of Pull Stroke
- Capacity: 3477 lbs @ 90 psi
### ERT9 & 9V
(Pneudraulic Tool)

#### Available Pulling Heads

<table>
<thead>
<tr>
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<th>H</th>
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#### Pulling Head Designation Chart

- **Pulling Head**
- **Jaw Type:**
  - F = Follower
  - S = Spreader

#### Dimensions

- **Nose Length:**
  - 1 = 1-1/4” (Standard)
  - 2 = 3-3/4”
  - 3 = 5-5/8”
  - 4 = 7-3/4”
  - 5 = 8-3/4”
  - 6 = 11”

#### Notes:
- 1-6 Refer to A Dimension on Tech Data Drawings in Rear of Manual.
- If Nose Piece Thread Size is Designated as H, Add 1/8” to Nose Length.

#### Tool

- **Nose Piece Thread Size:**
  - No Letter = Standard (3/8)
  - H = Heavy Duty (7/16)

#### Designations

- **If Follower:**
  - No Letter = ERT1S, 2S & ERT1D
  - I = ERT3S & 4S
  - P = ERT9 & 9V
  - L = ERT5S & 6S

- **If Spreader:**
  - No Letter = ERT2D, ERT4D

- **If Plastic Rivet:**
  - No Letter = ERT7S
  - I = ERT8S
**EPS1V & EPS1**
(Not Shown)

Standard Power Unit
For Single Acting Tools

- **Weight:**
  - EPS1V - 53lbs.
  - EPS1 - 45lbs.
- **Remote Vacuum Mandrel Collector**
  - System: (EPS1V Only)
  - 1/4" Mandrels - 2,600
  - 1/8" Mandrels - 6,000
- **Hydraulic Output** 4,000psi @ 90psi Air

**Pressure**
- Hydraulic Fluid - HYDREX AW 68
- Air Consumption:
  - 0.5 per Stroke
  - Vacuum Generator - 13CFM @ 90psi (EPS1V only)
- Incoming Air Line - 1/2 I.D. minimum
EPS4MP-4
Standard Power Unit For Single Acting Multiple Tools

- Weight:
  EPS4MP-4 - 69lbs. (Operates 4 Tools)*
- Hydraulic Output:
  @ 90psi Air Pressure - 4,410psi
  @ 80psi Air Pressure - 4,010psi
- Hydraulic Fluid - HYDREX AW 68
- Air Consumption - 0.5 per Stroke

- Plant Air Supply - 80/90psi non-oiled
- Incoming Air Line - 1/2 I.D. minimum
- Hose Assemblies Available Up To 15’ (Depending On Application)

*SIMULTANEOUS OPERATION ONLY

Dimensions:
- 30.8 REF
- 6.6
- 24.2
- 9.2
- 1.2
- 3.0
- 3.12
EPS6V
(Pneumatic Power Source)

- 3/32 – 1/4 Plastic Blind Rivets
- EPS6V is a Pneumatic Power Source With Remote Vacuum Collection System
- ERT7 Pistol Style Tool, Fully Pneumatic
  ERT8 Inline Style Tool, Fully Pneumatic
- 1-1/16” of Pull Stroke
ERT7
(Pneumatic Tool)

Available Pulling Heads

<table>
<thead>
<tr>
<th>P</th>
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Available Hose Assemblies

H A 3 x 10 A

Available Power Sources: EPS6V

Pulling Head Designation Chart

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Available Hose Assemblies:

- H A 3 x 10 A

Available Power Sources:

- EPS6V

Notes:

- 1-6 Refer to A Dimension on Tech Data Drawings in Rear of Manual.
- If Nose Piece Thread Size is Designated as H Add 1/8” to Nose Length.

Power Sources:

- No Letter = Standard (3/8)
- H = Heavy Duty (7/16)

If Follower:

- No Letter = ERT1S, 2S & ERT1D
- I = ERT3S & 4S
- P = ERT9 & 9V
- L = ERT5S & 6S

If Spreader:

- No Letter = ERT2D, ERT4D

If Plastic Rivet:

- No Letter = ERT7S
- I = ERT7B

PULLING HEAD DESIGNATION CHART

Alcoa Fastening Systems & Rings 23
ERT8
(Pneumatic Tool)

Available Pulling Heads

<table>
<thead>
<tr>
<th>P</th>
<th>H</th>
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<tr>
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Available Hose Assemblies

| H | A | 3 x 10 | A |

Available Power Sources: EPS6V

Pulling Head Designation Chart

<table>
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<tr>
<th>Pulling</th>
<th>Head</th>
<th>Jaw Type:</th>
<th>F = Follower</th>
<th>S = Spreader</th>
<th>Nose Length:</th>
<th>Tool:</th>
<th>Nose Piece Thread Size:</th>
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<tbody>
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Notes:
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If Follower:
No Letter = ERT1S, 2S & ERT1D
I = ERT3S & 4S
P = ERT9 & 9V
L = ERT5S & 6S

If Spreader:
No Letter = ERT2D, ERT4D

If Plastic Rivet:
No Letter = ERT7S
I = ERT8S
Sample Pulling Head Drawings

(F) FOLLOWER TYPE PULLING HEAD

(S) SPREADER TYPE PULL HEAD

IF USED WITH L STYLE TOOL
NOSEPIECES AND RELATED RIVET TYPE/SIZE
(StANDARD NOSEPIECE - 3/8 - 24 THREAD)
NOSEPIECES AND RELATED RIVET TYPE/SIZE
(STANDARD NOSEPIECE - 7/16 - 20 THREAD)
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<table>
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<tr>
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<th><strong>Europe</strong></th>
</tr>
</thead>
</table>
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520-747-9898  
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TELEX: 1173530 LUKSME | |


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