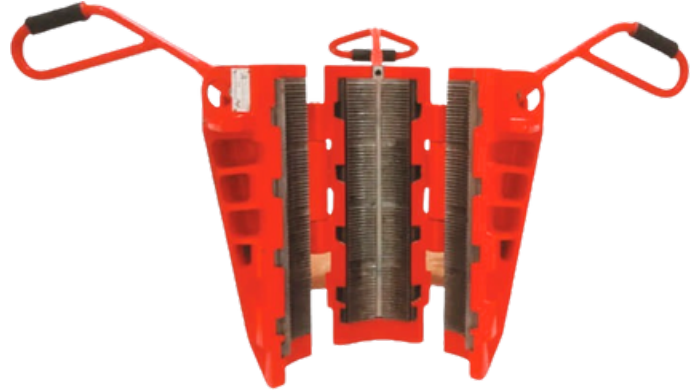


## RHS Rotary Hand Slips

Spectrum Drilling Tools International manufactures the RHS Rotary Hand Slip, a heavy-duty slip widely utilized in deep drilling operations. The RHS Slip features a gripping length of 16.1/2" (419mm) and an API taper of 4 inches per foot on the diameter. It is primarily used to hang off drill pipe during operations such as running in or pulling out of a hole.

The excellent design ensures that the load is evenly distributed throughout the length of the slips, preventing bottleneck damage to drill pipes. Made from superior, high-quality materials, our RHS Rotary Slip offers great strength and reduced wear and tear, resulting in a longer lifespan.

Manufactured in strict accordance with the latest edition of API-7K Specifications, our slips meet and exceed quality standards.



RHS Rotary Hand Slips  
Figure No. 30

| Slip Body Size (Inches) | To Handle Drill Pipe Size (Inches) | Insert Bowl | Load Rating (Ton) |
|-------------------------|------------------------------------|-------------|-------------------|
| 5                       | 04-May                             | Bowl No. 3  | 500               |
| 6                       | 05-Jun                             | Bowl No. 3  | 675               |
| 7                       | 06-Jul                             | Bowl No. 3  | 750               |

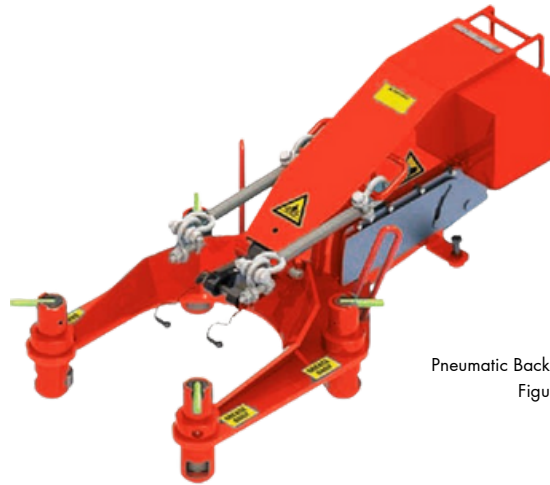
| Body Size (Inches) | Pipe Size (Inches) | Complete Unit Part No. | Insert Part No. | Qty of Inserts (Per Set) |
|--------------------|--------------------|------------------------|-----------------|--------------------------|
| 5                  | 5                  | 75001                  | 75124           | 24 No.                   |
|                    | 4.875              | 75002                  | 75224           | 24 No.                   |
|                    | 4.75               | 75003                  | 75324           | 24 No.                   |
|                    | 4.625              | 75004                  | 75424           | 24 No.                   |
|                    | 4.5                | 75005                  | 75524           | 24 No.                   |
|                    | 4.375              | 75006                  | 75624           | 24 No.                   |
|                    | 4.25               | 75007                  | 75724           | 24 No.                   |
|                    | 4.125              | 75008                  | 75824           | 24 No.                   |
|                    | 4                  | 75009                  | 75924           | 24 No.                   |
| 6                  | 6                  | 76001                  | 76124           | 24 No.                   |
|                    | 5.875              | 76002                  | 76224           | 24 No.                   |
|                    | 5.75               | 76003                  | 76324           | 24 No.                   |
|                    | 5.625              | 76004                  | 76424           | 24 No.                   |
|                    | 5.5                | 76005                  | 76524           | 24 No.                   |
|                    | 5.375              | 76006                  | 76624           | 24 No.                   |
|                    | 5.25               | 76007                  | 76724           | 24 No.                   |
|                    | 5.125              | 76008                  | 76824           | 24 No.                   |
|                    | 5                  | 76009                  | 76924           | 24 No.                   |

| Body Size (Inches) | Pipe Size (Inches) | Complete Unit Part No. | Insert Part No. | Qty of Inserts (Per Set) |
|--------------------|--------------------|------------------------|-----------------|--------------------------|
| 7                  | 6                  | 77001                  | 77124           | 24 No.                   |
|                    | 6.125              | 77002                  | 77224           | 24 No.                   |
|                    | 6.25               | 77003                  | 77324           | 24 No.                   |
|                    | 6.375              | 77004                  | 77424           | 24 No.                   |
|                    | 6.5                | 77005                  | 77524           | 24 No.                   |
|                    | 6.625              | 77006                  | 77624           | 24 No.                   |
|                    | 6.75               | 77007                  | 77724           | 24 No.                   |
|                    | 6.875              | 77008                  | 77824           | 24 No.                   |
|                    | 7                  | 77009                  | 77924           | 24 No.                   |

Note: RHS Rotary Hand Slips variants beyond the standard offering can be customized to meet specific customer

## Pneumatic Backsaver

Spectrum manufactures the Pneumatic Backsaver or Power Slip Lifter, a pneumatically operated power tool designed to lift drill pipe slips. Its purpose is to reduce personnel fatigue and minimize injuries by enabling remote operation from the driller's cabin or stand-alone control panels. Additionally, it extends the life of slips and inserts by properly setting and raising them. The Slip Lifter is compatible with Spectrum drill pipe slips (SDS, SDML & SDXL) ranging from 2.3/8" to 7.5/8", as well as with any other API brand slips.



Pneumatic Backsaver (Power Slip Lifter)  
Figure No. 31

### Technical Specification:

|                    |   |
|--------------------|---|
| Rotary Table       | 17.1/2"-37.1/2" Pin drive master bushing API Pin Drive Pitch diameter 654.05 mm |
| Pipe Size Range    | 2.3/8"-7.5/8"   |
| Operating Pressure | 7 Bar (100 psi)   |
| Type of Slip       | Short(SDS), Medium(SDML) & Long(SDXL)   |

Note: Hydraulic Operated Backsaver is also available on request.

### Type of Adapter

Pneumatic Backsaver can be used with different Adapters as per the type of Slip.

| Slip Type     | Part No. |
|---------------|----------|
| Short (SDS)   | SLA-01   |
| Medium (SDML) | SLA-02   |
| Long (SDXL)   | SLA-03   |



Pneumatic Backsaver Adapter  
Figure No. 32