

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	4-5	Bowl No. 3	500
6	5-6	Bowl No. 3	675
7	6-7	Bowl No. 3	750

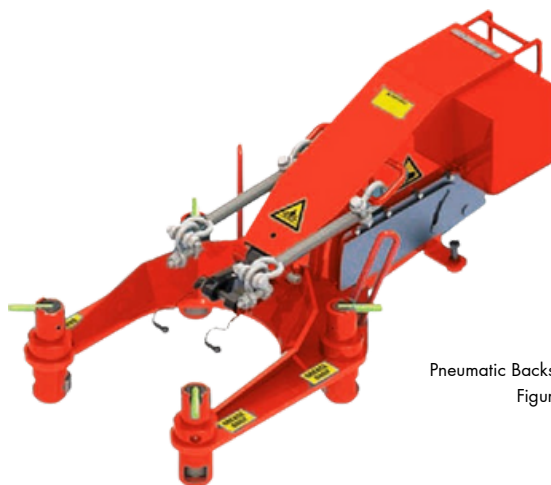
Body Size (Inches)	Pipe Size (Inches)	Complete Unit Part No.	Insert Part No.	Qty of Inserts (Per Set)
5	5	75001	75124	24 No.
	4.875	75002	75224	24 No.
	4.75	75003	75324	24 No.
	4.625	75004	75424	24 No.
	4.5	75005	75524	24 No.
	4.375	75006	75624	24 No.
	4.25	75007	75724	24 No.
	4.125	75008	75824	24 No.
	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