

**Mills Machine Company, Inc.**  
Custom Manufacturing, Customer Service and Rapid Response.

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## Pipe Handling Tools - Section 14

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Please call for custom options and other accessories.

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## Hoist Plugs



The Hoist Plugs listed below are what we consider to be standard stock sizes but we can custom manufacture any pin or box thread.

Our Hoist Plugs are manufactured from 4142 Heat Treated Alloy Steel and can be customized to meet your individual requirements. Please contact us for pricing information.

We also stock 2 3/8" FEDP Pin, 2 7/8" FEDP Pin and Mayhew Full Hole Pin but they are manufactured in smaller quantities which results in a little higher cost than those listed in the table above.

Standard Hoist Plugs have a 1 1/8" stem and 3/4" bail and Heavy Duty have a 1 1/2" stem with 1" bail.

**We can manufacture hoist plugs with any pin or box connection that you require for your system. We have over 600 different thread gages in stock.**

Description	Part #	Weight	
		Lbs.	Kg.
MJR Pin Swivel Standard Duty	HPMJRPS	20.0	9
MJR Pin Swivel-Hinged Standard Duty	HPMJRPH	22.0	10
MJR Pin Swivel Standard Duty with Knocker Wheel	HPMJRPSK	23.0	11
MJR Pin Swivel-Hinged Standard Duty with Knocker Wheel	HPMJRPHK	25.0	12
MR Pin Swivel Standard Duty	HPMRPS	21.0	10
MR Pin Swivel-Hinged Standard Duty	HPMRPH	23.0	11
MR Pin Swivel Standard Duty with Knocker Wheel	HPMRPSK	24.0	11
MR Pin Swivel-Hinged Standard Duty with Knocker Wheel	HPMRPHK	26.0	12
2 3/8" IF Pin Swivel Standard Duty	HP238IFPS	28.0	13
2 3/8" IF Pin Swivel-Hinged Heavy Duty	HP238IFPH	30.0	14
2 3/8" IF Pin Swivel Heavy Duty with Knocker Wheel	HP238IFPSK	34.0	16
2 3/8" IF Pin Swivel-Hinged Heavy Duty with Knocker Wheel	HP238IFPHK	35.0	16
2 7/8" IF Pin Swivel Heavy Duty	HP278IFPS	32.0	15
2 7/8" IF Pin Swivel-Hinged Heavy Duty	HP278IFPH	33.0	15
2 7/8" IF Pin Swivel Heavy Duty with Knocker Wheel	HP278IFPSK	36.0	17
2 7/8" IF Pin Swivel-Hinged Heavy Duty with Knocker Wheel	HP278IFPHK	38.0	18

## Hoist Plug Components

Description	Part #	Weight	
		Lbs.	Kg.

### Standard Duty

Hoist Plug Bail - 1 1/8" Swivel	HPB118S	8.0	4
Hoist Plug Bail - 1 1/8" Swivel-Hinged	HPB118H	10.0	5
Standard Hoist Plug Bearing - 1 1/8" Stem	HPBT113	0.4	0.2
Standard Hoist Plug Spacer - 1 1/8" Stem	HPS50125	0.7	0.4
Hoist Plug Cotter Pin - Standard & Heavy Duty	CP143	0.1	0.1

### Heavy Duty

Hoist Plug Bail - 1 1/2" Swivel	HPB112S	10.0	5
Hoist Plug Bail - 1 1/2" Swivel-Hinged	HPB112H	12.0	6
Standard Hoist Plug Bearing - 1 1/2" Stem	HPBT151	0.9	0.5
Heavy Duty Hoist Plug Spacer - 1 1/2" Stem	HPS50150	0.7	0.4

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## Murphy Fast Plugs

Murphy is a Registered trademark of Lee Murphy Equipment Company.

Description	Part #	Weight	
		Lbs.	Kg.
<b>Murphy Fast Plug Bodies Only</b>			
NWJ PIN	HPFPNWJ	-	
MAYHEW JUNIOR PIN	HPFPMJ	-	
MAYHEW REGULAR PIN	HPFPMR	-	
2 3/8" IF PIN	HPFP238IF	-	
2 3/8" FEDP PIN	HPFP238FEDP	-	
2 7/8" IF PIN	HPFP278IF	-	
2 7/8" FEDP PIN	HPFP278FEDP	-	
3 1/2" IF PIN	HPFP312IF	-	

### Murphy Fast Plug - Swivel-Hinged with Mills Machine Bail

NWJ PIN	HPFPNWJH	-	
MAYHEW JUNIOR PIN	HPFPMJH	-	
MAYHEW REGULAR PIN	HPFPMRH	-	
2 3/8" IF PIN	HPFP238IFH	-	
2 3/8" FEDP PIN	HPFP238FEDPH	-	
2 7/8" IF PIN	HPFP278IFH	-	
2 7/8" FEDP PIN	HPFP278FEDPH	-	
3 1/2" IF PIN	HPFP350IFH	-	

### Murphy Fast Plug - Swivel with Mills Machine Bail

NWJ PIN	HPFPNWJS	-	
MAYHEW JUNIOR PIN	HPFPMJS	-	
MAYHEW REGULAR PIN	HPFPMRS	-	
2 3/8" IF PIN	HPFP238IFS	-	
2 3/8" FEDP PIN	HPFP238FEDPS	-	
2 7/8" IF PIN	HPFP278IFS	-	
2 7/8" FEDP PIN	HPFP278FEDPS	-	
3 1/2" IF PIN	HPFP350IFS	-	

### Murphy Fast Plug - Swivel with Cast Bail

NWJ PIN	HPFPNWJC	-	
MAYHEW JUNIOR PIN	HPFPMJRC	-	
MAYHEW REGULAR PIN	HPFPMRC	-	
2 3/8" IF PIN	HPFP238IFC	-	
2 3/8" FEDP PIN	HPFP238FEDPC	-	

Please call for custom options and other accessories.

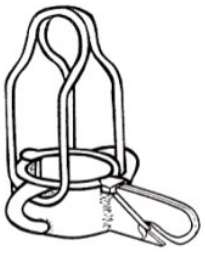
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**14-3**

## Pipe Elevators

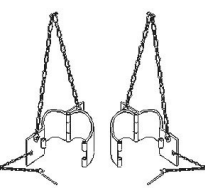
Description	Part #	O.D. X I.D.	Weight		Diagram
			Lbs.	Kg.	
<b>Steel Pipe Elevators</b>					
<b>Sold Separately, Not as a Set</b>					
Will not work on flush joint pipe.					
Size 10 and up have removable bail for ease of handling.					
1" Steel Pipe Elevator	PES0100	1 5/16" x 1"	10.0	4.5	
1 1/4" Steel Pipe Elevator	PES0125	1 5/8" x 1 1/4"	11.0	5	
1 1/2" Steel Pipe Elevator	PES0112	1 7/8" x 1 1/2"	12.0	5.4	
2" Steel Pipe Elevator	PES0200	2 3/8" x 2"	16.0	7.3	
2 1/2" Steel Pipe Elevator	PES0212	2 7/8" x 2 1/2"	17.0	7.7	
3" Steel Pipe Elevator	PES0300	3 1/2" x 3"	22.0	10	
3 1/2" Steel Pipe Elevator	PES0312	4" x 3 1/2"	24.0	10.9	
4" Steel Pipe Elevator	PES0400	4 1/2" x 4"	24.0	10.9	
4 1/2" Steel Pipe Elevator	PES0412	5" x 4 1/2"	24.0	10.9	
5" Steel Pipe Elevator	PES0500	5 9/16" x 5"	27.0	12.2	
6" Steel Pipe Elevator	PES0600	6 5/8" x 6"	38.0	17.2	
8" Steel Pipe Elevator	PES0800	8 5/8" x 8"	88.0	39.9	
10" Steel Pipe Elevator	PES1000	10 3/4" x 10"	108.0	49	
12" Steel Pipe Elevator	PES1200	12 3/4" x 12"	130.0	59	
14" Steel Pipe Elevator	PES1400	14" x NA	139.0	63.1	
16" Steel Pipe Elevator	PES1600	16"	-		

## PVC Pipe Elevators

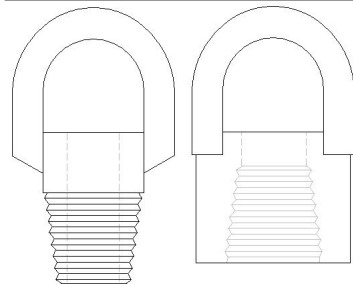
**Sold in Sets of Two Pieces.**

1/4" Steel Construction.

Safer than Ropes or Loop Chains.

2" PVC Pipe Elevators	PEPVC200		15.0	6.8	
3" PVC Pipe Elevators	PEPVC300		18.0	8.2	
4" PVC Pipe Elevators	PEPVC400		22.0	10	
4 1/2" PVC Pipe Elevators	PEPVC412		22.0	10	
5" PVC Pipe Elevators	PEPVC500		24.0	10.9	
6" PVC Pipe Elevators	PEPVC600		26.0	11.8	
6 1/4" PVC Pipe Elevators	PEPVC614		26.0	11.8	
8" PVC Pipe Elevators	PEPVC800		32.0	14.5	
10" PVC Pipe Elevators	PEPVC1000		56.0	25.4	
12" PVC Pipe Elevators	PEPVC1200		60.0	27.2	
16" PVC Pipe Elevators	PEPVC1600		60.0	27.2	

## Lifting Plugs



Lifting plugs (non swivel) are used to handle heavy equipment such as hammers, rock bits, stabilizers, and hole openers. They are made from 4142 heat-treated alloy steel with heavy duty fabricated bails. The lifting plugs are available with any pin or box thread.

Please call for custom options and other accessories.

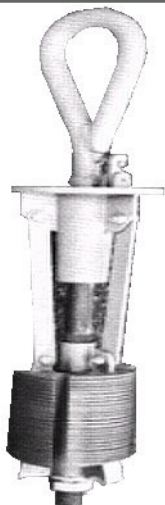
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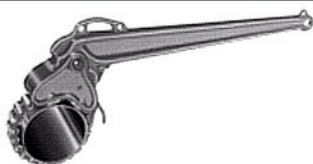
## Casing Lifters



Casing Lifter benefits:

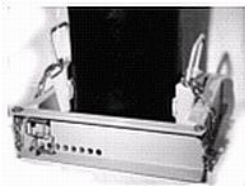
- Quickly elevates horizontal casing from ground or truck.
- Provides perfect vertical alignment for casing coupling or welding.
- Can be installed or released in seconds.
- Holding tension increases as more weight is lifted.
- Positive force locking system prevents accidental release.
- Eliminates the use of clamps and lugs.
- 35 ton holding capacity.

## Pipe Tongs



Pipe Tongs are designed for making up and breaking out drill pipe, casing, and pneumatic drills on light rigs. Tongs come with chain and heavy-duty bolts that make it easy to quickly change from one diameter pipe to another. Required information: pipe diameter, type of tong (buck-up, bull, or drill pipe, etc.) and handle length.

## Casing Slips



Casing slips are available to meet specific steel pipe diameters or as an adjustable slip. The adjustable type handles 1 1/2" through 8 5/8" O.D. These slips feature a fabricated steel construction with replaceable alloy dies. The casing slips are used to hold drill pipe, pump drop pipe, or any steel pipe or casing.

## PVC Pipe Clamps



Adjustable PVC Pipe Clamps are available in three size ranges: 1/2" to 2", 2" to 6", and 8" to 10". These clamps are easy to use and require no inserts. Made with an alloy aluminum base, they are lightweight and portable.

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## Pipe Alignment Clamps



### Benefits of Pipe Alignment Clamps:

- Ratchet closure for speed and ease of aligning pipe ends.
- Precision machined to facilitate a close tolerance alignment for welding.
- Heavier and larger crossbars to assure straight alignment between the two joints of pipe.
- Wider stance for the roundabouts or sides of the clamp insure a firmer and more secure hold on the pipe ends.
- Available with arched cross bars to allow full circle welding without removing the clamps.

## Steel Casing Holders



### Steel Casing Holder features:

- Available with mechanical, air, or hydraulic slip actuation.
- Inclined wedge holding system, no shoulder required.
- Thirty-five ton holding capacity.
- Can be installed above or below drilling table.

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