

## Safety Foot Clamp Jaws

### 'MEDIUM' SAFETY FOOT CLAMP JAWS

Jaw Type	Rod/Casing Size	O.D.		Assembly Part Number	Weight		Body Part Number	Weight		Insert Part Number	Weight	
		in.	mm		lbs	kg		lbs	kg		lbs	kg
Insert	AW/AO/AT Rod	1 23/32-1 3/4	43.7/44.5	1085042	13.2	6.0	1085018	10.6	4.8	1085039	2.6	1.2
	AW/AX Casing	2 1/4	57.2	1085149	12.6	5.7				1085148	2.0	0.9
	BW Rod	2 1/8	55.0	1085106	12.6	5.7				1085104	2.0	0.9
Solid	BO/BT Rod	2 3/16	55.6	1085159	12.8	5.8						
	BW/BX Casing	2 7/8	73.0	1085102	10.9	5.0						
	NW Rod	2 5/8	66.7	1085413	11.6	5.3						
	NO/NT Rod	2 3/4	69.9	1085427	11.4	5.2						
	NW/NX Casing HW/HO/HT Rod	3 1/2	88.9	1085402	9.1	4.1						

Note: One lockscrew part number 5113049 (3/8 x 1 1/2 NF socket head capscrew) required in medium "insert" type jaw assemblies.

### 'LARGE' SAFETY FOOT CLAMP JAWS

Jaw Type	Rod/Casing Size	O.D.		Assembly Part Number	Weight		Body Part Number	Weight		Insert Part Number	Weight	
		in.	mm		lbs	kg		lbs	kg		lbs	kg
Insert	AW/AO/AT Rod	1 23/32-1 3/4	43.7/44.5	1085071	17.5	8.0	1085133	9.8	4.5	1085072	7.7	3.5
	AW/AX Casing	2 1/4	57.2	1085417	16.9	7.7				1085420	7.1	3.2
	BW Rod	2 1/8	55.0	1085120	16.9	7.7				1085123	7.1	3.2
	BO/BT Rod	2 3/16	55.6	1085161	16.9	7.7				1085162	7.1	3.2
	BW/BX Casing	2 7/8	73.0	1085121	14.9	6.8				1085134	5.1	2.3
	NW Rod	2 5/8	66.7	1085418	16.2	7.4				1085421	6.4	2.9
	NO/NT Rod	2 3/4	69.9	1085424	16.2	7.4				1085425	6.4	2.9
	NW/NX Casing HW/HO/HT Rod	3 1/2	88.9	1085419	13.1	6.0				1085422	3.3	1.5
Solid	HW/HX Casing	4 1/2	114.3	1085301	8.8	4.0						

Note: Two lockscrews part number 5103649 (3/8 x 1 NF socket head capscrew) required in large "insert" type jaw assemblies except jaw assembly part number 1085419; this requires two lockscrews part number 5103349 (3/8 x 5/8 NF socket head capscrews)

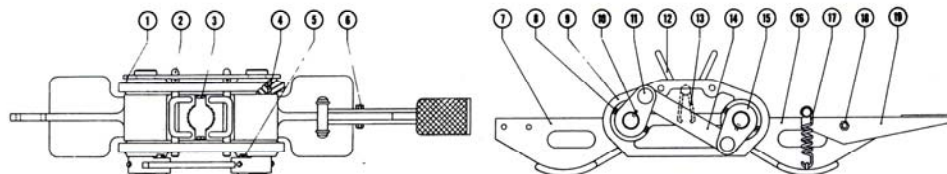
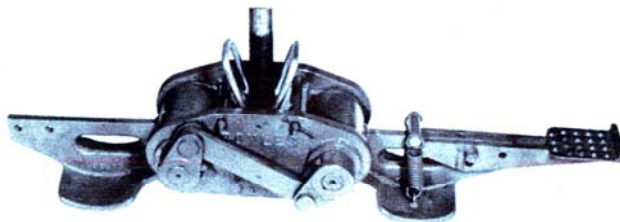
Heavy Duty Jaws are available for use with the medium size Foot Clamp Assembly. The heavy duty jaw assembly is recommended for use with conventional and wireline rods where depths exceed 2000 ft. and for wireline rods under normal drilling conditions (details overleaf).



## PARTS HEADQUARTERS INC.

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### Spring Loaded Safety Foot Clamp



The spring loaded safety foot clamp uses heavy dual safety springs which greatly reduce and cushion any severe foot shock caused by the sudden closing of the clamp when seizing the drill rods.

The springs, suspended from a hanger bar on the clamp lever and connected to the foot pedal, absorb the shock before it reaches the operator's foot.

PHQ manufacture three sizes of spring loaded safety foot clamps, small, medium and large to accommodate EW to HW Rods and up to HX or HW Casing. Many of the components are interchangeable with Boyles hydraulic safety foot clamps in the same size range.

Item No.	Description	No. Req'd.	Medium		Large			
			Part Number	Weight		Part Number	Weight	
				lbs	kg		lbs	kg
1-19	Foot Clamp Complete (Less Jaws)		1085095	129.0	58.6	1085096	142.0	64.5
1	Locking Plate	1	1085083	2.6	1.2	1085083	2.6	1.2
2	Jaw Retaining Pin	2	1085086	0.8	0.4	1085087	1.0	0.5
3	5/16 Hex Capscrew	2	5102536	†		5102536	†	

Hex Capscrew

6	1/2 Hex Capscrew	1	5115203	†		5115203	†	
7	Clamp Lever	1	1085021	31.0	14.1	1085090	37.0	16.8
8	Sq. Hd. Capscrew	2*	5105427	†		5105427	†	
9	Side Plate c/w Bushing (item 4)	2	1085023	23.5	10.7	1085092	23.5	10.7
10	Woodruff Key	2	5070021	†		5070021	†	
11	Link Pin	2	1085026	0.5	0.2	1085026	0.5	0.2
12**	Jaws	2**						
13	Jaw Spring	2	1085010	†		1085010	†	
14	Clamp Link	1	1085024	2.3	1.0	1085024	2.3	1.0
15	Link Arm	2	1085093	3.0	1.4	1085093	3.0	1.4
16	Clamp Lever	1	1085089	31.0	14.1	1085091	37.0	16.8
17	Spring	2	1085015	†		1085015	†	
18	1/2 Hex Nut	1	5170608	†		5170608	†	
19	Pedal	1	1085081	5.3	2.4	1085081	5.3	2.4
Not Shown	Base Plate for Angle Holes	1	1085029			1085147		

\* 4 required in medium and large foot clamps.

\*\* Jaws not included in Assembly and must be ordered separately — see following pages.

† Weighs less than 0.5 lb (0.2 kg)