

▼ Shown from left to right: EP-206, EP-108



For Safer and Faster Pulling



Long Jaws

Long Jaws are used to increase the reach and spread of manual pullers.

They maintain the same pulling capacity as the standard jaws, but reduce clamping force to 25%.

Page: 153



Shaft Attachments

Shaft protectors and extenders are live centers that fit over the standard puller shaft for tip protection and additional reach.

Page: 153

- Patented “Safety Cage” jaw retention system
- Roll threaded shafts for less effort when applying high torque
- Slim tapered jaws for improved gripping in tight spots
- Available in 2 and 3 jaw design and inside and outside pulling configuration
- More efficient pulling, as one man can do the job where manual pullers often require two operators



Application Tip

In determining the correct manual puller capacity for your application, use the following rule:

The center bolt diameter of the puller should be at least 1/2 the diameter of the shaft being pulled on.

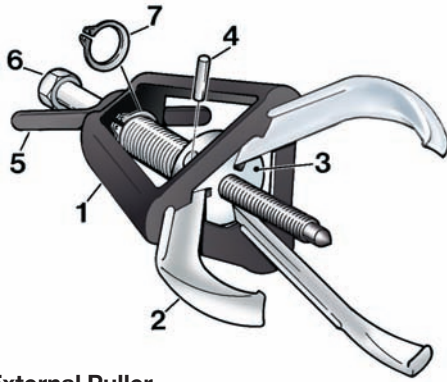
Example:

A part being pulled from a shaft with a diameter of 1.5" would require a puller with a center bolt diameter of at least .75".



◀ Positioning an EP-104, 3-jaw puller on the accessory drive of a diesel engine.

Posi Lock® Mechanical Grip Pullers



External Puller

- 1 Patented "Safety Cage" guides jaws, holding them securely onto the part.
- 2 Durable forged jaws provide positive grip.
- 3 Jaw head provides pivot and reaction point for jaws.
- 4 Pin, for easy jaw removal and replacement.
- 5 T-handle provides control of the puller jaws.
- 6 Drive bolt with rolled threads for increased force with reduced input torque.
- 7 Snap-ring retains cage to drive bolt and provides quick removal for easy service.

EP EPPMI Series



Capacity:
2-40 tons

Maximum Reach:
4.00-14.00 inches

Maximum Spread:
0.50-25.00 inches

▼ QUICK SELECTION CHART EXTERNAL PULLERS

For full technical information see next page.

Number of Jaws	Maximum Reach (in)	Spread Range (in)	Capacity (tons)	Model Number	Center Bolt Diameter (in)	Weight (lbs)
2	4.00	.5-5	2	EP-204	.56	3
3	4.00	.5-5	5	EP-104	.56	4
2	6.00	.5-7.0	6	EP-206	.66	7
3	6.00	.5-7.0	10	EP-106	.66	8
2	8.00	.75-12	12	EP-208	.79	12
3	8.00	.75-12	17	EP-108	.79	14
2	9.67	1.0-15	14	EP-210	.79	13
3	9.67	1.0-15	20	EP-110	.79	16
2	12.00	2.5-18	25	EP-213	1.17	38
3	12.00	2.5-18	30	EP-113	1.17	44
2	14.00	3.0-25	35	EP-216	1.23	57
3	14.00	3.0-25	40	EP-116	1.23	68



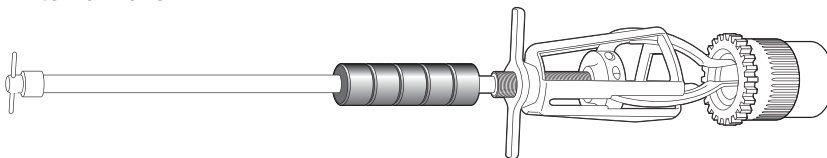
Always wear Safety Goggles and Gloves while using pullers.



Application Tip

Because of the unique Safety Cage design, Posi Lock® pullers will grip on surfaces where normal pullers would slip off; e.g. tapered bearings.

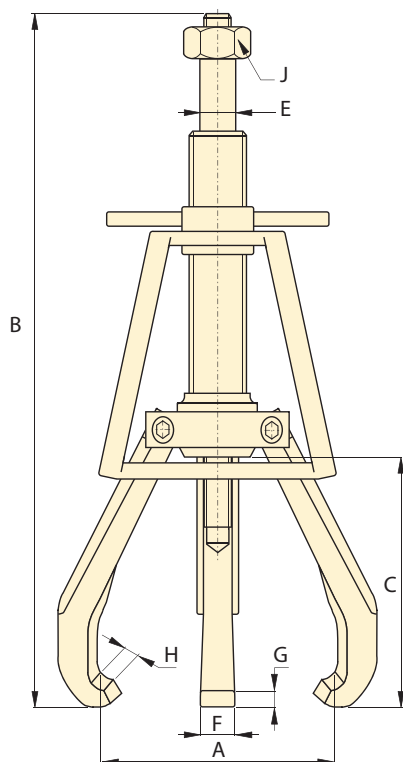
Internal Puller



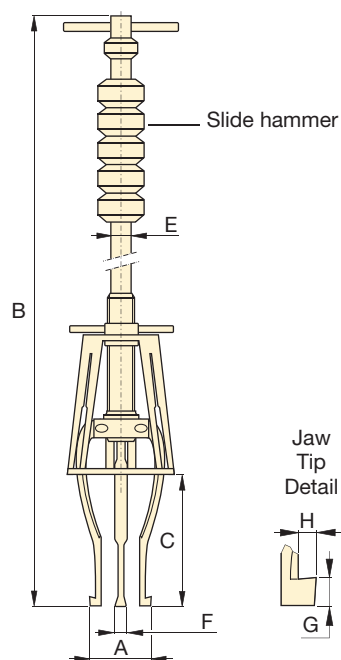
▼ QUICK SELECTION CHART INTERNAL PULLERS

For full technical information see next page.

Number of Jaws	Maximum Reach (in)	Spread Range (in)	Jaw Style	Model Number	Jaw Length (in)	Weight (lbs)
3	5.87	.56-4.00	Standard	EPPMI-6	6.62	8.6
	7.70	1.0-5.25	Long		8.62	8.6



**2- and 3-Jaw External Puller
EP-Series**



Internal Puller EPPMI-Series



▲ EP-204 2-jaw puller positioned to pull a water pump drive pulley.

▼ SELECTION CHART EXTERNAL PULLERS

Number of Jaws	Maximum Reach (in)	Spread Range (in)	Capacity (tons)	Model Number	Center Bolt Diameter (in)	Maximum Torque (ft.lb)
2	4.00	.5-5.0	2	EP-204	.56	20
3	4.00	.5-5.0	5	EP-104	.56	40
2	6.00	.5-7.0	6	EP-206	.66	75
3	6.00	.5-7.0	10	EP-106	.66	130
2	8.00	.75-12.0	12	EP-208	.79	150
3	8.00	.75-12.0	17	EP-108	.79	220
2	9.67	1.0-15.0	14	EP-210	.79	175
3	9.67	1.0-15.0	20	EP-110	.79	275
2	12.00	2.5-18.0	25	EP-213	1.17	475
3	12.00	2.5-18.0	30	EP-113	1.17	600
2	14.00	3.0-25.0	35	EP-216	1.23	800
3	14.00	3.0-25.0	40	EP-116	1.23	850

▼ SELECTION CHART INTERNAL PULLERS

Number of Jaws	Maximum Reach (in)	Spread Range (in)	Jaw Style	Model Number	Jaw Length (in)	Slide-hammer Weight (lbs)
3	5.87	.56-4.00	Standard	EPPMI-6	6.62	2.5
	7.70	1.00-5.25	Long		8.62	2.5

Posi Lock® Mechanical Grip Pullers



Shaft Protectors and Extenders

Shaft Protectors and Extenders are live centers that fit over the puller end for tip protection and added reach.



Long Jaws

Long jaws are used for added reach and spread. They have the same capacity as standard jaws, but reduce the clamping force to 25%.

EP EPPMI Series



Capacity:

2-40 tons

Maximum Reach:

4.00-14.00 inches

Maximum Spread:

0.50-25.00 inches

Length (in)	Diameter (in)	Increases Center Bolt Length (in)	Order: Model Number
1.00	0.75	0.38	EPP-4
1.97	0.75	1.50	EPX-4
1.22	0.87	0.50	EPP-6
1.97	0.87	1.50	EPX-6
1.22	1.00	0.50	EPP-10
1.97	1.00	1.50	EPX-10
2.00	1.38	0.83	EPP-1316

Note: See the chart below to reference matching pullers for these accessories.

Spread (in)	Reach (in)	Order: Model Number
1.5-15	9.67	EP-11054
1.5-22	15.78	EP-11054L
1.5-30	20	EP-11354L
1.0-5.26	8.62	EP-10554L*

* EPPMI-6 only

▼ Optional Accessories

Dimensions								Model Number			
Spread Range	Overall Length	Maximum Reach	Center Bolt Diameter	Jaw Width	Tip Clearance	Tip Depth	Hex Socket Size				
A	B	C	E	F	G	H	J		Shaft Protectors	Extenders	Long Jaws
.5-5.0	9.68-12.75	4.00	.56	.54	.16	.18	7/8	EP-204	EPP-4	EPX-4	–
.5-5.0	9.68-12.75	4.00	.56	.54	.16	.18	7/8	EP-104	EPP-4	EPX-4	–
.5-7.0	12.75-18.75	6.00	.66	.75	.32	.24	1 1/16	EP-206	EPP-6	EPX-6	–
.5-7.0	12.75-18.75	6.00	.66	.75	.32	.24	1 1/16	EP-106	EPP-6	EPX-6	–
.75-12.0	16.25-24.25	8.00	.79	.77	.25	.36	1 1/4	EP-208	EPP-10	EPX-10	EP-11054
.75-12.0	16.25-24.25	8.00	.79	.77	.25	.36	1 1/4	EP-108	EPP-10	EPX-10	EP-11054
1.0-15.0	19.25-29.00	9.67	.79	.77	.25	.36	1 1/4	EP-210	EPP-10	EPX-10	EP-11054L
1.0-15.0	19.25-29.00	9.67	.79	.77	.25	.36	1 1/4	EP-110	EPP-10	EPX-10	EP-11054L
2.5-18.0	26.00-38.00	12.00	1.17	1.25	.50	.38	1 1/16	EP-213	EPP-1316	–	EP-11354L
2.5-18.0	26.00-38.00	12.00	1.17	1.25	.50	.38	1 1/16	EP-113	EPP-1316	–	EP-11354L
3.0-25.0	31.50-45.50	14.00	1.23	1.44	.53	.46	1 3/16	EP-216	EPP-1316	–	–
3.0-25.0	31.50-45.50	14.00	1.23	1.44	.53	.46	1 3/16	EP-116	EPP-1316	–	–

Note: Overall length (B) is dependent on position of center bolt.

Dimensions (in)							Model Number
Spread min. - max.	Overall Length	Maximum Reach	Slide Rod Diameter	Jaw Width	Tip Clearance	Tip Depth	
A	B	C	E	F	G	H	
.56-4.00	29.00	5.87	.52	.33	.12	.06	EPPMI-6
1.00-5.25	31.00	7.70	.52	.33	.30	.18	