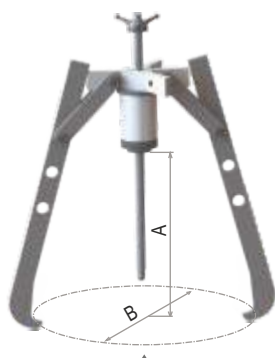


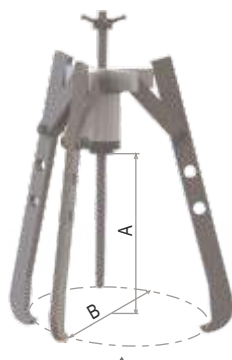
Max. Working Pressure 700 bar

### Jaw Puller Attachment

Capacity 10 - 100 ton



Two Jaw Puller



Three Jaw Puller



#### Features / Application

- Two & three jaw combination yoke
- High strength drop forged steel jaws
- Jaws with adjustable reach & spread
- Maintenance of workshop equipment. Removal of wheels, pulleys, gears, sleeves & other press fit assemblies

**Note:** Dimensions indicated are with 15° spread of puller legs

OPA Series - O Orione P Puller A Attachment 10 Capacity - ton  
2 No. of Jaws J Jaw P Puller

Model	No. of jaws	Jack Model	A Reach (mm)	B Spread (mm)	Suitable Hand pump
OPA 10 2/3JP	2/3	OSHT 10-100	280	395	OHP-1P4-2-1.4
OPA 20 2/3JP	2/3	OSHT 20-100	245	425	OHPA-3P4-2-1.4
OPA 30 2/3JP	2/3	OSHT 30-100	360	610	OHPA-3P4-2-2
OPA 50 2/3JP	2/3	OSHT 50-100	730	855	OHPA-3P4-2-3
OPA 100 2/3JP	2/3	ODHT 100-100	1015	1230	OHPA-4P6-2-5-E



#### Caution

Do not exceed 50% of Jack capacity when using two jaw puller attachment

### Push Puller Attachment

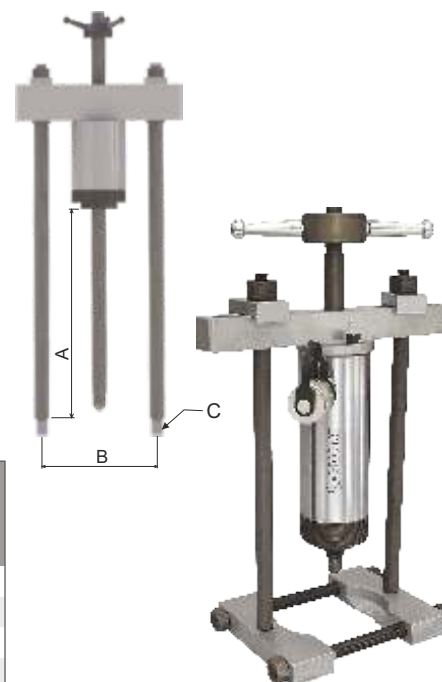
Capacity 10 - 50 ton

#### Features / Application

- High strength tie rods
- Maintenance of workshop equipment. Removal of wheels, pulleys, gears, sleeves & other press fit assemblies

OPA Series - O Orione P Puller A Attachment 10 Capacity - ton H Hydraulic P Push P Puller

Model	Jack Rated capacity (ton)	Jack capacity @ 700 bar (kN)	Jack Model	Stroke (mm)	Reach A (mm)			Spread B (mm)		C End threads (mm)
					Short	Medium	Long	Min.	Max.	
OPA 10 HPP	10	110	OSHT 10-100	100	-	120	220	105	260	M16x2P
OPA 20 HPP	20	231	OSHT 20-100	100	70	240	360	150	320	M16x2P
OPA 30 HPP	30	298	OSHT 30-100	100	-	235	485	160	410	M24x2P
OPA 50 HPP	50	550	OSHT 50-100	100	-	340	590	190	410	M32x2P



- Higher capacity and customized solutions on request.
- Specifications are subject to change due to continual improvement.

## Hydraulic Puller Attachments

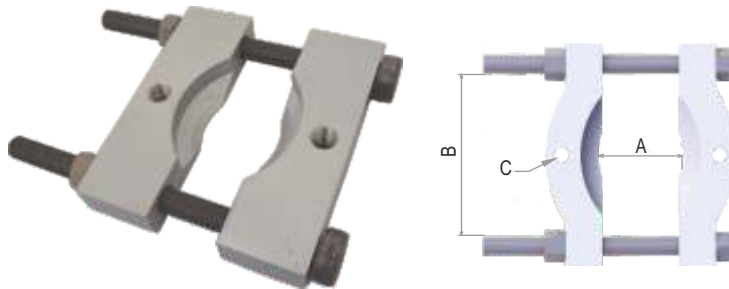
Max. Working Pressure 700 bar

### Master Puller Set



### Bearing Puller Attachment

Capacity 10 - 50 ton



#### Caution

Do not exceed 50% of Jack capacity when using bearing puller attachment

#### Features / Application

- Knife edge gripping
- Adjustable spread by means of tie rod
- High strength forged steel construction
- Used for removal of bearing from shaft assemblies having less clearance, with push puller attachment

#### OPA Series - O Orione P Puller A Attachment 10 Capacity - ton H Hydraulic B Bearing P Puller

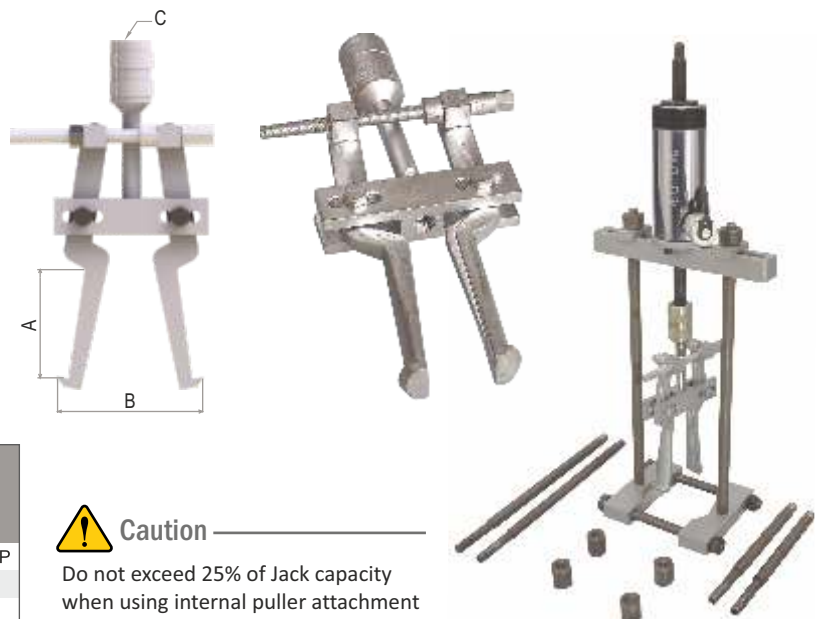
Model	Jack Rated capacity (ton)	Jack capacity @ 700 bar (kN)	A (mm)		B (mm)	C Tap (mm)
			Min.	Max.		
OPA 10 HBP	10	110	45	140	112	M16x2P
OPA 20 HBP	20	231	68	185	150	M16x2P
OPA 30 HBP	30	298	45	270	245	M24x2P
OPA 50 HBP	50	550	65	270	328	M32x2P

### Internal Puller Attachment

Capacity 10 - 30 ton

#### Features / Application

- Adjustable gap with turn buckle mechanism
- High strength forged steel construction
- Maintenance of workshop equipment. Finds special use in removal of bearing outer races, bushes, press fitted in housing



#### Caution

Do not exceed 25% of Jack capacity when using internal puller attachment

#### OPA Series - O Orione P Puller A Attachment 10 Capacity - ton H Hydraulic I Internal P Puller

Model	Jack Rated capacity (ton)	Jack capacity @ 700 bar (kN)	A (mm)	B (mm)		C Tap (mm)
				Min.	Max.	
OPA 10 HIP	10	110	100	50	150	M20x2.5P
OPA 20 HIP	20	231	100	50	150	M27x3P
OPA 30 HIP	30	298	105	75	225	M33x3P

- Higher capacity and customized solutions on request.
- Specifications are subject to change due to continual improvement.