



**External Mechanical
puller Series
1300 CTH-CTA**

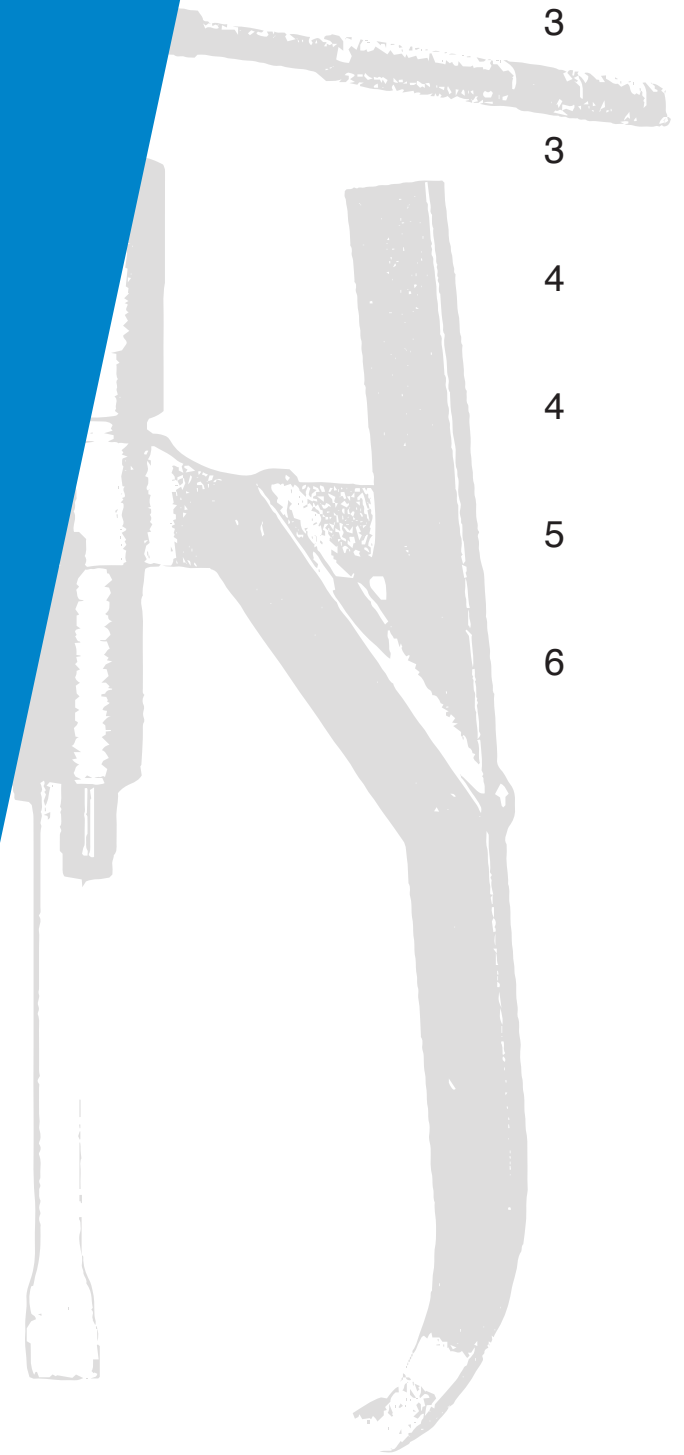
User's Manual



1300 CTH-CTA

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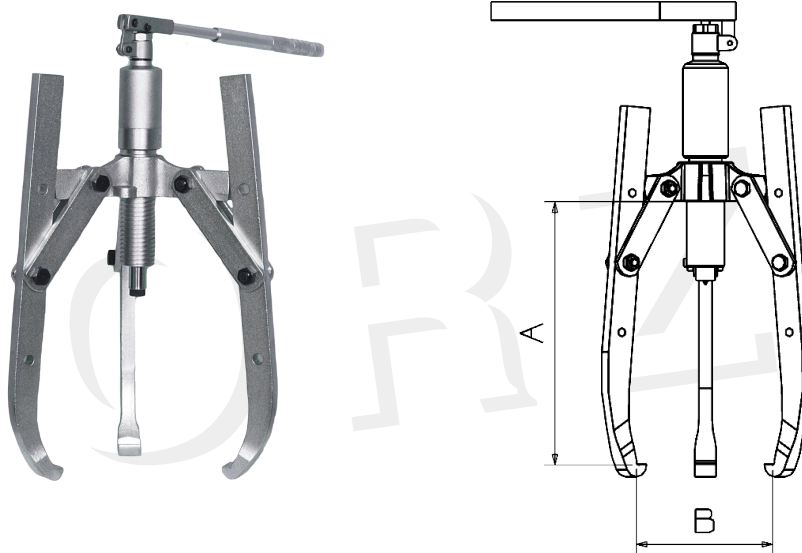
Rev. 30.07.18


■ **1. TECHNICAL FEATURES**

- 2 or 3 jaws pullers.
- Normal jaws (2 holes), long jaws (3 holes), extralong jaws (4holes).
- External
- Forged jaws

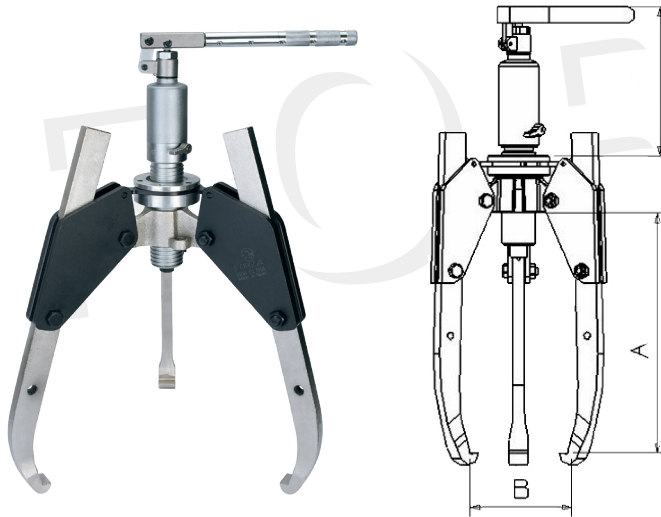
■ **2. 1300CTH PULLER DIMENSIONS WITH PUMP**

Reference with L: long jaws, X: Extalong jaws




Reference	F	Tm	A	B		Stroke	Weigth
1306CTH	00806	6	300	310	√	62	10,2
1306CLTH	00806	6	380	360	√	62	11,2
1306CXTH	00806	6	460	410	√	62	13,6
1308CTH	00808	8	370	425	-	82	19,5
1308CLTH	00808	8	485	480	-	82	21,5
1308CXTH	00808	8	600	540	-	82	23,5

3. 1300CTA PULLER DIMENSIONS



- All the jaws at the same time.
- Offer easier positioning of the puller even in difficult to get at place.
- The self centering puller is safe thanks to it's jaw lock device in max spread position.

Reference	A	B max.	B min.	C		Tm.	Weigth
1306CTA	300	310	50	220	√	6	14,0
1306CLTA	380	360	50	220	√	6	15,0
1306CXTA	460	410	50	220	√	6	16,0
1308CTA	370	425	70	205	-	8	19,5
1308CLTA	485	480	70	205	-	8	21,5
1308CXTA	600	540	70	205	-	8	23,5

4. USER INSTRUCTIONS



1. Make sure that the spindle is perfectly clean and greased.
2. Check that the spindle is pointed. If it is not, place a point protector.
3. Make sure the legs are perfectly centered.
4. Turn the spindle in order to apply force. Never hit the spindle.
5. Do not keep the spindle too far out of the body.
6. Use all necessary personal protective equipment (PPE).

DO NOT USE POWER TOOLS

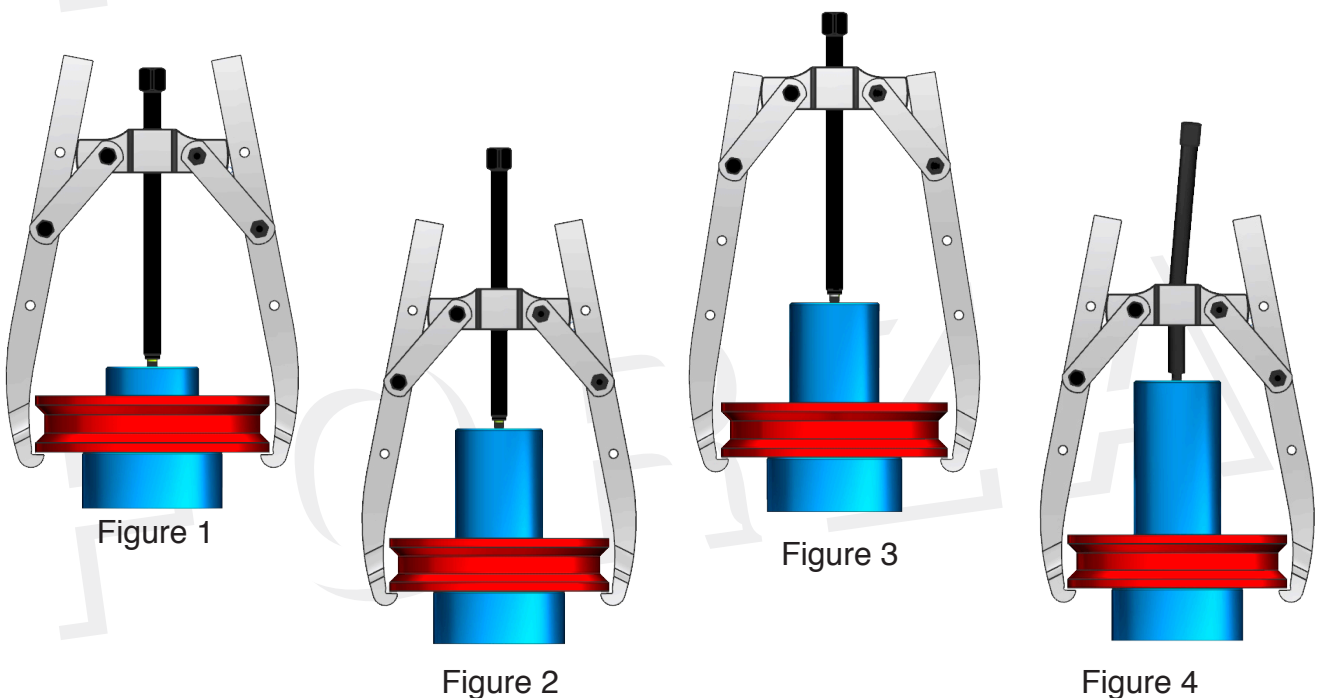


■ **5. JAWS CORRECT POSITION**

It is advisable to place the jaws in the lowest possible hole. In this way, the jaws will be less bended when applying great effort. (Figure 1)

As more height is needed the spindle starts to come out more (Figure 2). If the axis is bigger, the spindle will come out in excess of the body, (Figure 3), in that case when pulling with the wrench we can twist the spindle.

When the height of the spindle is very high, it is better to change the position of the legs. (Figure 4).



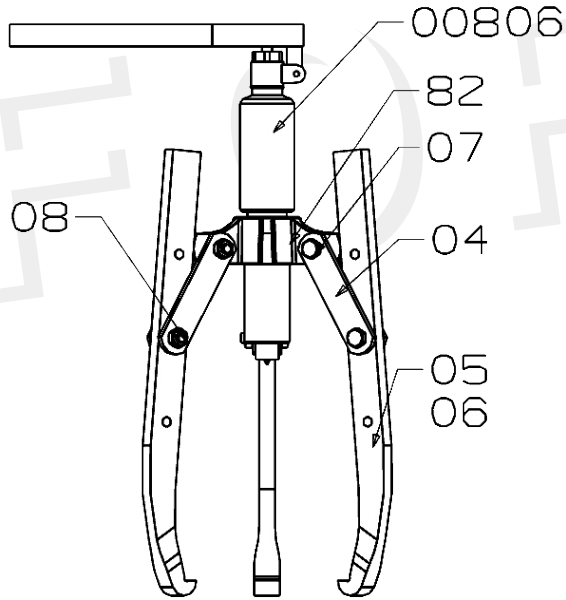
This pullers can be assembled with normal legs (05), long legs (06) or extra long legs (16).

The puller is stronger when the legs are in the lower holes position. That position causes the legs to bend less when making large forces. (Figure 1)

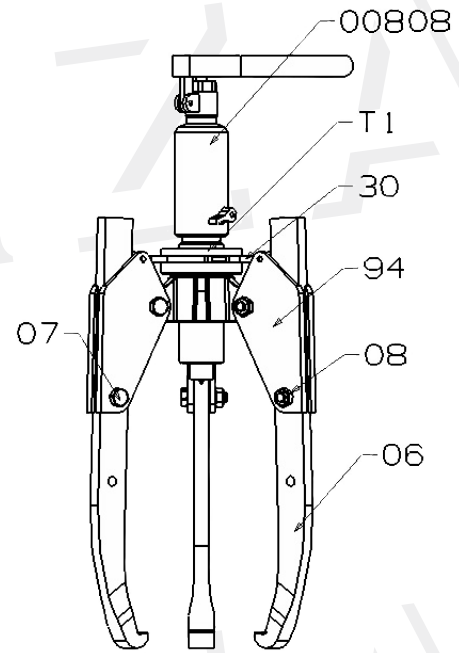
But if the spindle goes far above the body it can be bent when pulling with the key. (figure 4). The spindle can seize up, when this type of bending happens.

Choose carefully the position of the legs.

6. EXPLODED VIEW

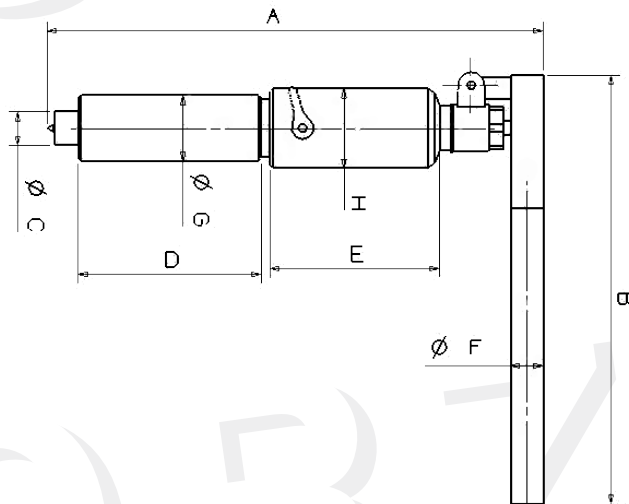


1306CTH Exploded view



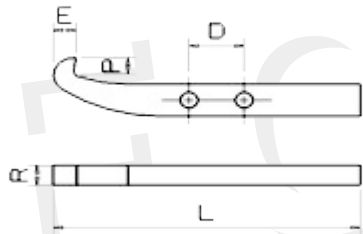
1308CTA Exploded view

Spindles

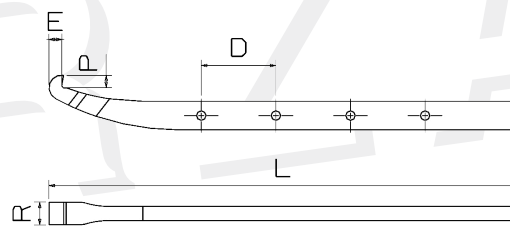


Ref.	Ton.	A	B	ØC	D	E	ØF	ØG	ØH
00806	6	340	310	23	120	115	22	45	54
00808	8	360	310	23	155	115	22	50	60

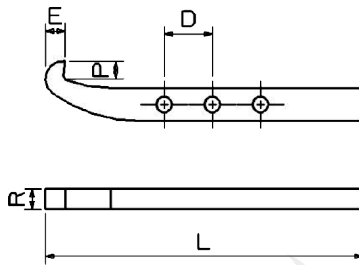
Jaws



Pata corta



Pata extra larga 16



Pata larga

Ref jaw	P	R	E	L	D	Puller
131005	15	25	12,5	355	83	1306CTH 1306CTA
131006	15	25	12,5	436	83	
131016	15	25	12,5	516	83	
131705	15,5	32	16	435	115	1308CTH 1308CTA
131706	17,5	31	15,5	550	115	
131716	17,5	31	15,5	665	115	



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