



# Puller Section Overview

When selecting a puller, it is important consider 3 basic Specifications:

### 1. The Capacity:

is the amount of force the puller is capable of producing.

Typically, the capacity required for a job can be determined by using the shaft diameter of the part being pulled.

For manual pullers, the center bolt diameter of the puller should be at least half the diameter of the shaft being pulled from.

For hydraulic pullers, the capacity in tons should be 0,28 to 0,4 times the shaft diameter in mm. Use the following chart:








Shaft Diameter	Puller Capacity
0 – 25 mm	10 ton
25 – 50 mm	20 ton
50 -89 mm	30 ton
89 – 140 mm	50 ton

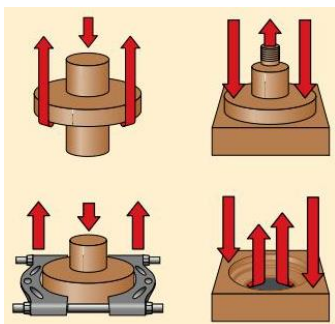
### 2. The Reach:

is the distance between the bottom of the base and the jaw flats. The puller's reach must equal or exceed the same distance of the part being pulled.

### 3. The Spread:

is the distance between the jaws. The puller's spread needs to be greater than the width of the part being pulled.

Puller Function	Capacity ton	Puller type
	10-100	<b>Master Puller Sets(2 Jaw/3 Jaw, Bearing Puller)</b> Max. Reach: 180 - 800 mm Max. Spread: 180 - 1200 mm
	10-100	<b>Grip puller Sets (2 Jaw/3 Jaw)</b> Max. Reach: 180- 800 mm Max. Spread: 180 - 1200 mm
	10-100	<b>Cross Bearing Puller Sets</b> Max. Reach: 354 - 863 mm Max. Spread: 266 - 570 mm
	10-30	<b>Bearing Cup Pullers</b> Max. Reach: 110 - 145 mm Max. Spread: 26 - 359 mm
	2-12	<b>Mechanical Pullers</b> Max. Reach: 80 - 120 mm Max. Spread: 120 - 440 mm
	4-30	<b>In Built Pump Hydraulic Pullers</b> Max. Reach: 185 - 360 mm Max. Spread: 255 - 550 mm
	8 -12	<b>Tri Section Hydraulic Pullers</b> Max. Reach: 211-244 mm Max. Spread: 30 - 340 mm



Basic function of Puller Master Puller Applications

Basic Function of Bearing Puller

