

Mechanical PUSH PULLERS

10, 17 $\frac{1}{2}$, &
30 Ton Cap.

For removing and installing
gears, bearings, pulleys and
other press-fitted parts.

No. 927 – 10-Ton Capacity can be used with No. 1123 bearing pulling attachment or No. 679 pulley pulling attachment. May also be used with Nos. 1150, 1151, 1152, or 1153 internal pulling attachments.

No. 938 – 17 $\frac{1}{2}$ -Ton Capacity can be used with Nos. 1124 and 1130 bearing pulling attachment or Nos. 679 and 680 pulley pulling attachment. May also be used with Nos. 1150, 1151, 1153, or 1166 internal pulling attachments.

No. 939 – 30-Ton Capacity can be used with Nos. 1126 and 1127 bearing pulling attachment or No. 680 pulley pulling attachment (two 8012 adapters are required to connect 680 to puller). Can be used with No. 1165 internal pulling attachments.



Bearing Pulling Attachment



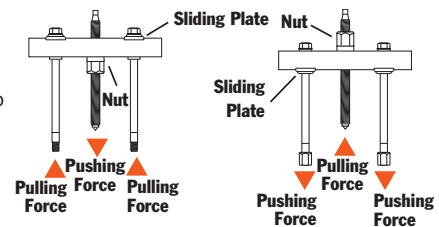
Internal Pulling Attachment

ASSEMBLING THE TOOL TO APPLY PUSHING OR PULLING FORCE:






1. Determine if you want the tool's forcing screw to push or pull.
2. To exert pushing force, the forcing nut is installed beneath the cross block, as shown on left.
3. To cause the forcing screw to pull, the forcing nut is placed on top of the cross block.
4. The sliding plates must always be placed on the opposite side of the cross block from the forcing nut.





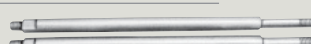

Selection and capacity rating –

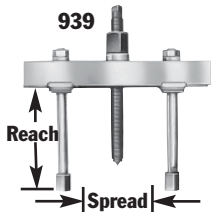

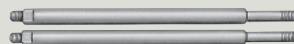

Each Push-Puller's specified tonnage "capacity" is determined using its standard legs in tension. Using longer legs, or a setup in which the legs are in compression, will reduce the "capacity". Always select the largest "capacity" puller and the shortest legs that will fit the job.



BEARING MAINTENANCE

927	Max.		Screw	Size	Notes / Weight
	Reach	Spread			
	210 mm	54 - 184 mm	$\frac{3}{4}$ "-16 x 305 mm	$\frac{1}{2}$ "	$\frac{1}{2}$ " of forcing screw tip end is threaded $\frac{5}{8}$ "-18. No. 1100 legs and No. 24827 leg ends included. Wt., 3,2 kg.
Order No.	Leg Length & Wt.		Order No.	Leg Length & Wt.	
1103	121 mm, 0,45 kg		1102	298 mm, 1 kg	
1100*	171 mm, 0,7 kg		1101	400 mm, 1,5 kg	
Extra Legs (pair) for No. 927 Push-Puller (Reach equals leg length plus 50,8 mm with leg end caps.)					

938	Max.		Screw	Size	Notes / Weight
	Reach	Spread			
	282 mm	79-298 mm	1"-14 x 336 mm		Leg ends threaded $\frac{5}{8}$ "-18. No. 1106 legs and No. 24827 leg ends included. Wt., 9,4 kg
Order No.	Leg Length & Wt.		Order No.	Leg Length & Wt.	
1107	114 mm, 1,1 kg		1105	572 mm, 4,1 kg	
1106*	241 mm, 2 kg		1108	762 mm, 5,2 kg	
1104	419 mm, 3kg				
Extra Legs (pair) for No. 938 Push-Puller (Reach equals leg length plus 50,8 mm with leg end caps.)					

939	Max.		Screw	Size	Notes / Weight
	Reach	Spread			
	267 mm	178-413 mm	1 $\frac{1}{2}$ "-12 x 438 mm		Leg ends threaded 1"-14. No. 1109 legs and No. 28390 leg ends included. Wt., 20 kg
Order No.	Leg Length & Wt.		Order No.	Leg Length & Wt.	
1109*	203 mm, 3,6 kg		1111	711 mm, 10 kg	
1110	457 mm, 6,8 kg				
Extra Legs (pair) for No. 939 Push-Puller (Reach equals leg length plus 66,7 mm with leg end caps.)					

* Standard legs (pair) with pullers.