

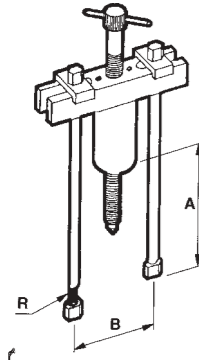
Grip and rod pullers

Rod pullers

The rod end is threaded into the part to be removed.

When used with a bearing pulling attachment, the load to be applied should not exceed 2/3 of the nominal capacity of the cylinder.

As an option, we can supply legs of the dimensions indicated.



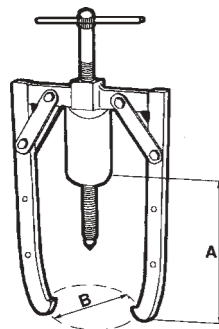
Nominal capacity tn	Ref.	Dimensions mm./in					Length of leg mm. in.	Mechanical set Ref.	Cylinder Ref.	Pump Ref.	Hose Ref.	Weight	
		A	Max. B	Min.	R	Kg.						lbs.	
10	TF-1	140 5 1/2	240 9 7/16	115 4 9/16	5/8 x 18	180 7 3/32	TFM-1	CSH-12	BM-04	A-5555	17	37,5	
20	TF-2	280 11 1/16	325 12 13/16	135 5 9/16	5/8 x 18	209 8 1/4	TFM-2	CSH-20	BM-04	A-5555	24	52,9	
30	TF-3	305 12	450 17 11/16	200 7 7/8	1 x 14	328 12 15/16	TFM-3	CSH-30	BM-04	A-5555	43	94,8	
50	TF-5	410 16 1/8	580 22 13/16	230 9 1/16	1 1/4 x 12	504 19 13/16	TFM-4	CSH-60	BM-1	A-5555	34	207,3	



Grip pullers

As the G-12 is supplied with the triple crosshead, it may be turned into a three-grip puller with the addition of one grip.

The rest of the two-grip pullers require a triple crosshead and a leg to become a three-grip puller.



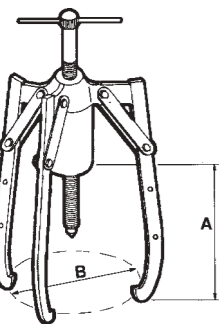
Nominal capacity tn	Ref.	Dimensions mm./in				Mechanical set Ref.	Cylinder Ref.	Pump Ref.	Hose Ref.	Weight	
		A Max.	B Max.							Kg.	lbs.
10	G-12	230 9 1/16	200 7 7/8		GM-12	CSH-12	BM-04	A-5555	16	35,3	
20	G-22	310 12 3/16	270 10 5/8		GM-22	CSH-20	BM-04	A-5555	22	48,5	
30	G-32	400 15 3/4	380 15		GM-32	CSH-30	BM-04	A-5555	36	79,4	
50	G-52	500 19 11/16	500 19 11/16		GM-52	CSH-60	BM-1	A-5555	85	187,4	



Three-grip pullers

The G-13 model is supplied with double crosshead and triple crosshead.

All the other three-grip pullers require one double crosshead to be used as a two-grip puller.

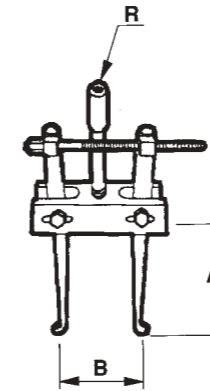


Nominal capacity tn	Ref.	Dimensions mm./in				Mechanical set Ref.	Cylinder Ref.	Pump Ref.	Hose Ref.	Weight	
		A Max.	B Max.							Kg.	lbs.
10	G-13	230 9 1/16	200 7 7/8		GM-13	CSH-12	BM-04	A-5555	18	39,7	
20	G-23	310 12 3/16	270 10 5/8		GM-23	CSH-20	BM-04	A-5555	27	59,5	
30	G-33	400 15 3/4	380 15		GM-33	CSH-30	BM-04	A-5555	45	99,2	
50	G-53	500 19 11/16	500 19 11/16		GM-53	CSH-60	BM-1	A-5555	103	227,1	

Complete puller sets

Bearing cup puller

They are used in combination with the rod pulling sets. Their legs are located with the grip outward for an easy removal of bushings, bearings, oil seals and other parts located in blind holes.



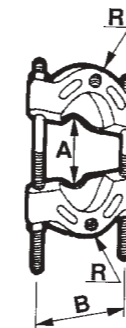
Nominal capacity tn	Ref.	Dimensions mm./in							Weight	
		A	Max. B	Min.	R			Kg.	lbs.	
10	IF-1	102 4 1/64	153 6 1/64	38 1 1/2	3/4 x 16 UNF			2,5	5,5	
20	IF-2	102 4 1/64	153 6 1/64	38 1 1/2	1 x 8 UNC			2,5	5,5	
30	IF-3	149 5 7/8	230 9 1/16	76 3	1 1/4 x 7 UNC			6	13,2	
50	IF-5	149 5 7/8	230 9 1/16	76 3	1 5/8 x 5 1/2 UNS			6	13,2	



Bearing pulling attachment

These are also used in combination with the rod pulling sets.

The thickness of the edges have been flattened to permit placing this attachment behind the bearing to be pulled out.



Nominal capacity tn	Ref.	Dimensions mm./in						Weight	
		Max. A	Min.	B	R			Kg.	lbs.
10	A-5519	117 4 5/8	20 25/32	110 4 5/16	5/8 x 18			2,6	5,7
20	A-5502	152 6	25 1	152 6	5/8 x 18			6,5	14,3
30	A-5503	340 13 3/8	35 1 3/8	255 10 3/64	1 x 14			24	52,9
50	A-5504	350 13 3/4	50 1 31/32	330 3	1 1/4 x 12			80	176,4



Complete puller sets

They consist of a pump, hose, cylinder, three-grip puller, bearing cup puller, double crosshead, bearing pulling attachment screw, screw cap and gauge

Each component can be supplied separately.



Nominal capacity tn	Ref.	2-grip	3-grip	Rod puller	Bearing cup puller	Bearing cup attachment	Cylinder	Pump	Hose	Gauge	Weight	
		Ref.	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.	Kg.	lbs.
10	EHM-10	GM-12	GM-13	TFM-1	IFM-1	A-5519	CSH-12	BM-04	A-5555	A-5584G	32	70,5
20	EHM-20	GM-22	GM-23	TFM-2	IFM-2	A-5502	CSH-20	BM-04	A-5555	A-5584G	50	110,2
30	EHM-30	GM-32	GM-33	TFM-3	IFM-3	A-5503	CSH-30	BM-04	A-5555	A-5585G	100	220
50	EHM-50	GM-52	GM-53	TFM-5	IFM-5	A-5504	CSH-60	BM-1	A-5555	A-5585G	255	562