

PULLERS



8 PULLERS



Two-jaw pullers



206

Three-jaw pullers



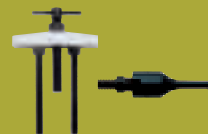
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Hydraulic pullers



208

Expansion pullers



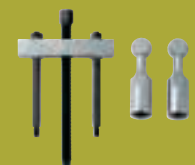
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Bar pullers and separators



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Ball bearing pullers



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Stud extractors and removers



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Hydraulic jack



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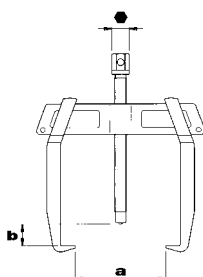


PULLERS



454 N Universal outside pullers with two jaws

- Model with sliding jaws
- Carbon steel pressure screw
- Chrome Vanadium steel body
- Chrome-plated and burnished finish



n°	a max mm	b max mm	mm	Kg
0	65	70	14	0,4
1	90	110	17	0,9
2	130	110	17	1
3	175	165	22	2,8
4	220	165	22	3
5	270	220	32	7,5
6	340	220	32	8,2

454 NA Spare jaw

n°
0
1-2
3-4
5-6



454 NB Spare pressure screw



454 N/S7

Set of seven pullers (454 N/0÷6)

– Supplied with sheet steel display stand 📦 21 Kg

454 N/SV7

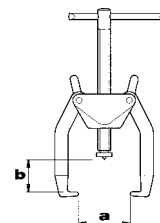
Display stand only



462

Cable clamp puller

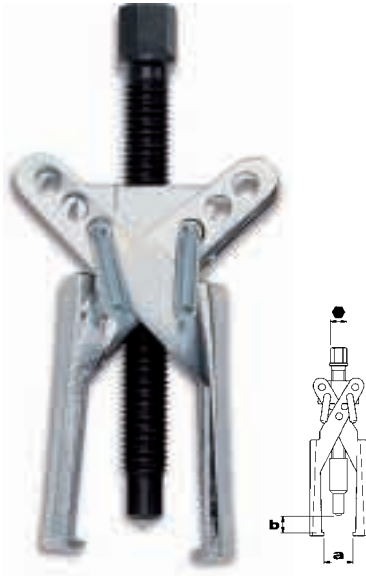
- With floating arms and a self-tightening spring
- Carbon steel body
- Carbon steel pressure screw
- Zinc-Chrome plated and burnished finish



a max mm	b max mm	gr
60	40	160

464 Outside pullers with two jaws

- Light self-locking model
- Carbon steel body
- Chrome-plated and burnished finish

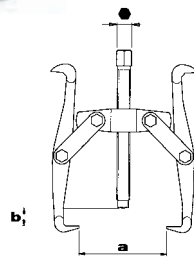


n°	a max mm	b max mm	mm	Kg
1	55	75	13	0,4
2S	75	90	17	1,0
2	75	130	17	1,2



456 Outside and inside pullers with two jaws

- Reversible jaws
- Carbon steel pressure screw
- Carbon steel body
- Zinc-coated and burnished finish



n°	a max mm	b max mm	mm	Kg
1	150	80	19	1,9
2	200	140	19	2,8

456 A Spare jaw

n°
1
2

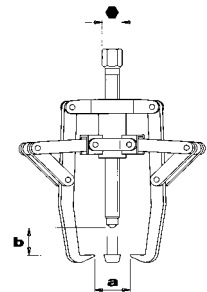


456 B Spare pressure screw



452 Outside pullers with three jaws

- Self-locking model
- Carbon steel pressure screw
- Chrome Vanadium steel body
- Zinc-coated and burnished finish
- The sizes nos. 5 and 6 can be transformed from mechanical pullers to hydraulic pullers by substituting a hydraulic screw, 452 IB, for the pressure screw normally supplied



n°	a ø max mm	b max mm	mm	Kg
1	85	70	14	0,4
2	130	110	17	2,2
3	230	170	24	5,2
4	300	240	24	5,6
5	420	240	32	12,2
6	680	295	32	16

452 A Spare jaw

- For 452 and 452 I

n°
1
2
3
4
5
6



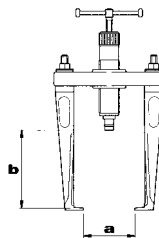
452 B Spare pressure screw



455

Hydraulic outside pullers with two jaws

- Sliding jaws model with hydraulic pressure screw for rapid and effortless extraction
- Carbon steel body
- Zinc-coated and burnished finish
- Supplied with extension and push rod



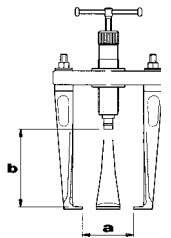
n°	Power t	a max mm	b max mm	Kg
1	8	150	150	4,3
2	8	225	225	5,7



453

Hydraulic outside pullers with three jaws

- Sliding jaws model with hydraulic pressure screw for rapid and effortless extraction
- Carbon steel body
- Zinc-coated and burnished finish
- Supplied with extension and push rod



n°	Power t	a max mm	b max mm	Kg
1	8	150	150	5,5
2	8	150	225	6,5

455 A

Spare jaw

- For 453 and 455

n°
1
2



455 B

Spare hydraulic pressure screw

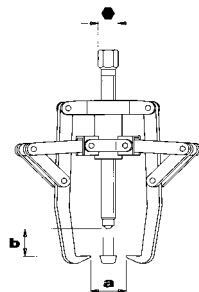
- For 453 and 455





452 I Hydraulic outside pullers with three jaws

- Self-locking model with hydraulic pressure screw for rapid and effortless extraction
- Chrome Vanadium steel body
- Zinc-coated and burnished finish



n°	Power t	a ø max mm	b max mm	mm	Kg
5	20	420	240	17-24	12,4
6	20	680	295	17-24	16,2



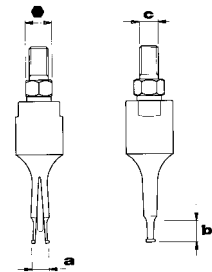
452 IB Spare hydraulic screw

n°
5
6



468 A Inside expansion pullers

- Conical internal expansion collet model for use in conjunction with bar 468
- Chrome Vanadium steel
- Burnished finish

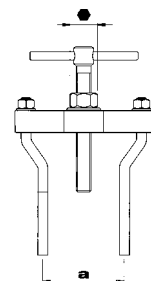


n°	a ø mm	b mm	c mm	mm	gr
0	5÷6,5	30	M10	14	90
1	7÷9,5	35	M10	14	95
2	10÷13,5	35	M10	14	100
3	14÷19,5	45	M10	14	130
4	20÷29,5	50	M10	14	180
5	30÷39,5	90	M10	14	275
6	40÷49,5	95	M14	14	475
7	50÷59,5	95	M14	14	560
8	60÷69,5	95	M14	14	650



468 N Bars for expansion pullers

- Model with sliding legs for use in conjunction with pullers 468 A
- Carbon steel pressure screw
- Chrome Vanadium steel body
- Zinc-coated and burnished finish



n°	expansion collet ø mm	a max mm	mm	Kg
1	5÷39,5	105	24	0,6
2	40÷69,5	150	30	1,6



468 N/S11

Assortment in sheet steel box (11 pieces)

470x310x75 mm 9,1 Kg

pcs.	description	art./size
1	bar	468 N1
1	bar	468 N2
9	pullers	468A/0÷8

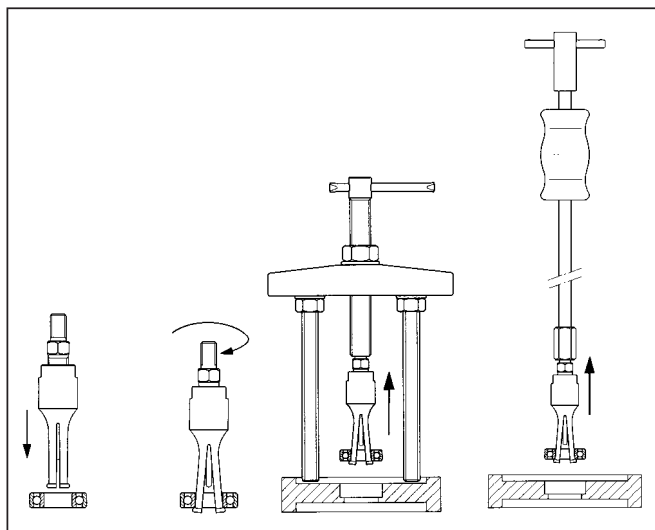


468 B

Slide hammer

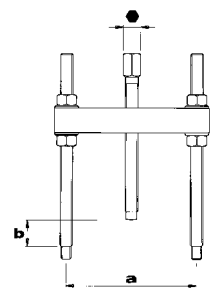
- For use in conjunction with pullers 468 A
- Carbon steel body
- Chrome-plated and burnished finish
- Supplied with two adapters for use in conjunction with pullers 468 A/0÷8

mass Kg	L mm	 Kg
1,8	570	3

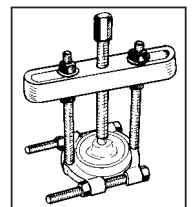


472 Bar pullers for separators

- Model with movable legs for use in conjunction with separators 472 A
- Carbon steel pressure screws
- Chrome Vanadium steel body
- Zinc-coated and burnished finish

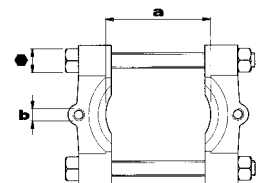


n°	a mm	b max mm	 mm	 Kg
1-2	45÷130	150	17	1
3	85÷210	200	22	3,3
4	100÷300	300	22	6,2
5	150÷360	300	32	8,8



472 A Separators

- To remove parts that cannot be extracted by traditional means. When the separator is inserted, the part and its base can be separated. Extraction can then be managed by connecting the separator to the bar puller 472
- Carbon steel pressure screws
- Chrome Vanadium steel body
- Zinc-coated and burnished finish

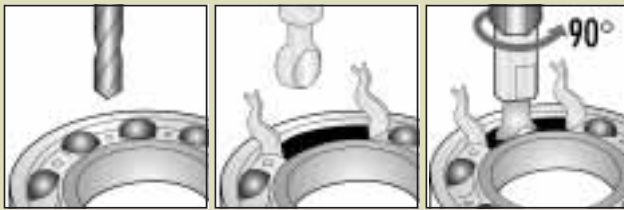


n°	a mm	b ø mm	 mm	 Kg
1	10÷60	M12	17	0,4
2	15÷75	M12	19	0,8
3	30÷115	M16	24	1,7
4	40÷150	M20	30	3,8
5	60÷210	M20	36	6,7

Special pullers for cage-type ball bearing

- Indispensable when it is not possible to use traditional pullers.
- Suitable for any assembly (both shaft and housing fits).
- Depending on ball diameter different pairs of tips should be selected from the two available sets.

Positioning



Drill two diametrically opposite holes.

Bend back cage ends.

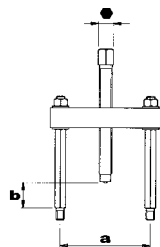
Insert appropriate tips into ball race, give a quarter turn to lock and screw beam rods into tips



474

Bar pullers for ball bearing

- Sliding model for use in conjunction with tips 474 K
- Carbon steel pressure screw
- Carbon steel body
- Zinc-coated and burnished finish

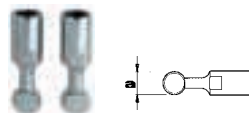


n°	a mm	b max mm	mm	gr
1	20÷95	180	13	350
2	35,5÷120	390	19	1035

474 K

Ball bearing tips

- Set of two tips
- Carbon steel
- Zinc-coated finish



n° mm	a mm	M mm	gr
1	5,5	M6	23
2	6	M6	25
3	7,5	M6	29
4	9	M10	38
5	11	M10	42
6	12,5	M10	44



474 S1

Assortment in sheet steel box (6 pcs)

241x117x49 mm 1,25 Kg

pcs.	description	art./size
1	bar puller	474/1
3	tips kits	474 K/1-2-3
1	pair of extensions mm 30	
1	pair of extensions mm 95	

ISO bearing		
6004 ÷ 6010	6200 ÷ 6205	6300 ÷ 6302



474 S2

Assortment in sheet steel box (6 pcs)

337x178x49 mm 2,85 Kg

pcs.	description	art./size
1	bar puller	474/2
3	tips kits	474 K/4-5-6
1	pair of extensions mm 95	
1	pair of extensions mm 195	

ISO bearing			
6011 ÷ 6014	6206 ÷ 6211	6303 ÷ 6307	6403 ÷ 6404

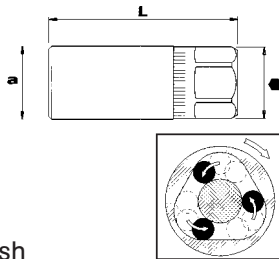
PULLERS



459/1

Roller-type pullers for stud bolts

- For inserting or extracting stud bolts without damaging the threads
- 1/2" female square drive
- Chrome Vanadium steel
- Polished Chrome-plated finish



for stud bolts M	a mm	L mm	mm	gr
6	25	65	22	160
7	25	65	22	160
8	25	65	22	160
9	29	75	22	220
10	29	75	22	220
10,5	29	75	22	220
11	29	75	22	220
12	29	75	22	220
14	34	75	22	300
16	34	75	22	300

459/1 SE10

Set of ten roller-type pullers

(459/1 M6÷M16) 📦 2,1 Kg



459/1 S4

Set of four roller-type pullers

(459/1 M6-M8-M10-M12)

- Supplied in sheet steel box

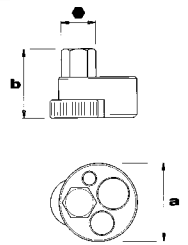
📦 235x90x35 mm 📦 1,1 Kg



459

Stud inserter and remover cam-type model

- Male hexagon drive model for inserting or extracting stud bolts
- Chrome Vanadium steel
- Chrome-plated and burnished finish



capacity ø mm	a mm	b mm	mm	gr
5÷20	52	48	22	385

459 A

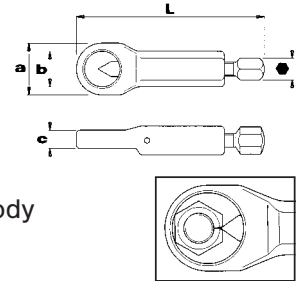
Spare roller



490

Nut splitters

- For splitting and removing seized nuts without damaging the screws
- Carbon steel wedge
- Chrome Vanadium steel body
- Chrome plated and burnished finish



n°	for nuts M	mm	a mm	b mm	c mm	L mm	mm	gr
1	3÷6	5÷10	22	14	9	94	12	90
2	5÷9	8÷16	30	20	11	118	14	170
3	9÷16	16÷24	45	32	14	150	19	360
4	12÷18	19÷27	57	39	16	175	21	610

490 A

Spare wedge

n°
1
2
3
4

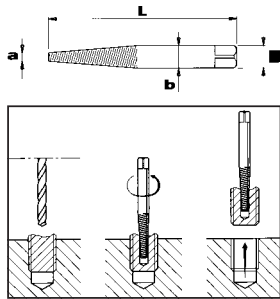




458

Conical stud extractors - stud inserters and removers

- For removing broken stud bolts which have no surface to grip
- Chrome Vanadium steel
- Burnished and satin finish



n°	for bolts M	hole ø mm	a mm	b mm	L mm	■	gr
1	3÷4	1,8	1,4	3,6	50	2,7	3
2	5÷7	3,2	2,1	4,9	57	3,8	7
3	8÷10	4,5	3,1	6,5	64	4,9	14
4	11÷14	6,5	4,8	8,8	71	7	27
5	16÷18	8,5	6,2	11	79	9	46
6	18÷24	11,8	9,4	15	85	12	95
7	24÷33	15,3	12,7	19	92	14,5	165
8	33÷45	20	17,5	24	100	18	285



458 S5

Set of five conical extractors (458/1÷5)

- Supplied in plastic box ■ 125 gr

458 S6

Set of six conical extractors (458/1÷6)

- Supplied in plastic box ■ 230 gr

458 S8

Set of eight conical extractors (458/1÷8)

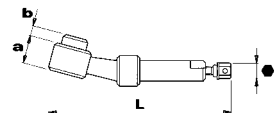
- Supplied in plastic box ■ 720 gr



466 N

Hydraulic jack

- Universal model to insert between the pressure screw and the device that must be taken out when a high power must be applied
- Safety pin against accidental overcharge (breaking charge, 110 Nm)
- Carbon steel body
- Zinc-coated and burnished finish
- Supplied with two safety pins



power t	a mm	b mm	L mm	■ mm	Kg
30	35	5	260	19	2



Employ

Centre correctly charges and assure a good axle.



Piston outcoming

When the admitted couple is overpassed, the safety pin breaks.



Piston incoming

Loose the pressure unscrewing and positioning the piston with a grip plier or a vice.