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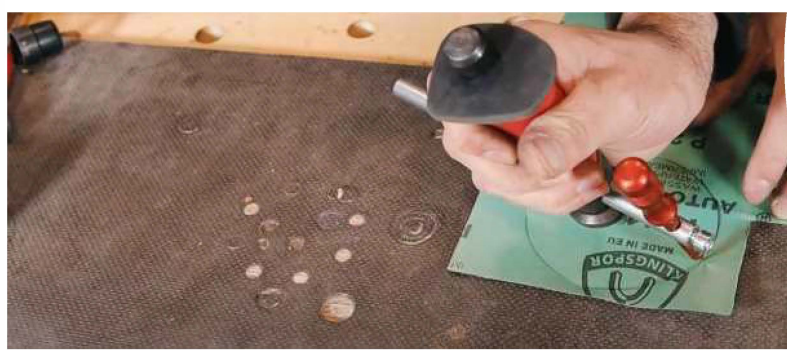
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FORZA



**OTHER
 TOOLS**



OTHER TOOLS:

The experience accumulated by FORZA over more than 50 years has allowed us to put together this wide range of tools.

OTHER TOOLS



External thread repair tool 268-271



Internal thread repair tool 272-275



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EXTERNAL THREAD REPAIR FROM 4 TO 13MM

NEST



Tool designed to restore and clean external threads. For household repairs, cars, bikes, pipes, lawnmowers, heating and ventilation equipment. 06046 blade is included.



Ref.	D-Diameter		Blades
NEST	M4 A M13	0,1	06045 06046

EXTERNAL BLADES FOR NEST



Ref.	Degrees	Norm	
06045	55°	Whitworth	0,1
06046	60° (Included in the restorer)	Métrica/UN	0,1

EXTERNAL THREAD REPAIR SET NES1A

NES1A

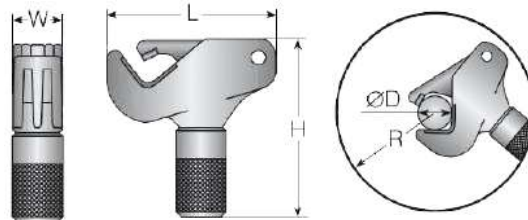


Tool designed to restore and clean internal threads. Removes rust, bumps and burrs. RK1-60 blade is included



Bullet points

- No need to measure the thread.
- Quickly adjustable to any diameter or pitch.
- This tool follows the thread automatically, repairing the damage.



Ref.	D-Diameter	L	W		Blades
NES1A	4 A 18	61	23	0,2	RK1-55 RK1-60



EXTERNAL BLADES FOR NES1A



Ref.	Degrees	Norm	
RK1-55	55°	Whitworth	0,1
RK1-60	60° (Included in the restorer)	Metric/UN	0,1

INTERNAL THREAD REPAIR SET NES2 NES2

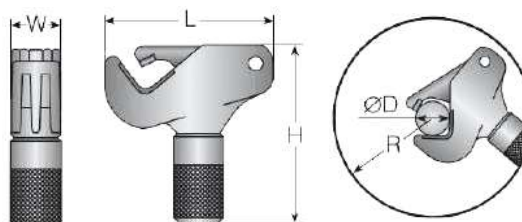


Tool designed to restore and clean internal threads.
Removes rust, bumps and burrs.
RK2-60 blade is included.



Bullet points

- No need to measure the thread.
- Quickly adjustable to any diameter or pitch.
- This tool follows the thread automatically , repairing the damage.



Ref.	D-Diameter	L	W		Blades
NES2	17 A 38	105	32	0,6	RK2-55 RK2-55F RK2-60 RK2-60F

EXTERNAL BLADES FOR NES2



Ref.	Degrees	Pitch	Norm	
RK2-55	55°	For thread > 2mm	Whitworth	0,1
RK2-55F	55°	For fine thread < 17h	Whitworth	0,1
RK2-60	60° (Included in the restorer)	For thread > 2mm	Metric/UN	0,1
RK2-60F	60°	For metric fine thread <1,5	Metric/UN	0,1



EXTERNAL THREAD REPAIR SET NES3

NES3



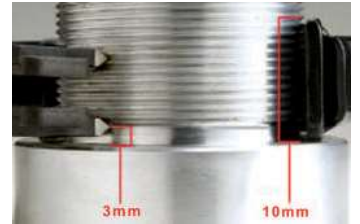
The tool V-shaped thread seat is narrower to reduce the gap between the blades to the tool sides. The combination of multi-teeth cutting blade with Keyway Skip Accessory makes your repairing outcome easy and perfect even on threads with keyway.




RK3-60 blade is included.

Bullet points


- No need to measure the thread.
- Quickly adjustable to any diameter or pitch.
- This tool follows the thread automatically , repairing the damage.



Ref.	D-Diameter	L	W		Blades	Keyway accessory
NES3	35 A 152	305	32	2,0	RK3-55; RK3-55F RK3-55G; RK3-60 RK3-60-1; RK3-60-125 RK3-60-150; RK3-60-175 RK3-60-200; RK3-60F RK3-60G	NES3KW


EXTERNAL BLADES FOR NES3



Ref.	Degrees	Pitch	Norm	
RK3-55	55°	For thread > 2mm	Whitworth	0,1
RK3-55F	55°	Fine thread pitch < 14h	Whitworth	0,1
RK3-55G	55°	Coarse pitch < 7h	Whitworth	0,1
RK3-60	60° (Included in the restorer)	For thread > 2mm	Metric/UN	0,1
RK3-60F	60°	Thinner than 1.75	Metric/UN	0,1
RK3-60G	60°	More coarse than 3.5	Metric/UN	0,1

MULTI-TEETH CUTTING BLADE FOR NES3



Ref.	Degrees	Pitch	
RK3-60-1	60°	1.00	0,1
RK3-60-125	60°	1.25	0,1
RK3-60-150	60°	1.50	0,1
RK3-60-175	60°	1.75	0,1
RK3-60-200	60°	2.00	0,1



KEYWAY SKIP ACCESSORY



Specially designed accessory for the NES3 repairman to rework threads that are split with a keyway.

Bullet points

- Allows to skip the keyway without damaging the threads.

Ref.	
NES3KW	0,1

EXTERNAL THREAD REPAIR SET NES5

NES5



Tool designed to restore and clean internal threads. Removes rust, bumps and burrs.



Bullet points

- No need to measure the thread.
- Quickly adjustable to any diameter or pitch.
- This tool follows the thread automatically , repairing the damage.



Ref.	D-Diameter	
NES5	10 - 18	0,9

EXTERNAL
THREAD
REPAIR TOOL



WATCH VIDEO

Application



- It is not necessary to measure the thread.
- It can be adjust very easily to any pitch or diameter.
- Automatically chases good thread sections to repair the damage parts.



**INTERNAL
THREAD
REPAIR TOOLS**



Application



- It is not necessary to measure the thread.
- It can be adjust very easily to any pitch or diameter.
- Automatically chases good thread sections to repair the damage parts.
- Yelow nylon pads. Essential when repairing threads in doft metal.

INTERNAL THREAD REPAIR SET NES21

NES21



Tool designed to restore and clean internal threads. Removes rust, bumps and burrs. RK21-60 blade is included.



Bullet points

- No need to measure the thread.
- Quickly adjustable to any diameter or pitch.
- This tool follows the thread automatically , repairing the damage.

Ref.	D-Diameter	L	U	B	⚖️	Nylon pads	Blades
NES21	8 A11	109	20	18	0,2	NES2101	RK21-55 RK21-60

INTERNAL BLADES FOR NES21



Ref.	Degrees	Norm	⚖️
RK21-60	60° (Included in the restorer)	Métrica/UN	0,1
RK21-55	55°	Whitworth	0,1



INTERNAL THREAD REPAIR SET NES22/23/24

NES220



Tool designed to restore and clean internal threads.
Removes rust, bumps and burrs.
Blade for metric 60 is included (RK22-60, RK23-60 or RK24-60).



Bullet points

- No need to measure the thread.
- Quickly adjustable to any diameter or pitch.
- This tool follows the thread automatically , repairing the damage.

Ref.	D-Diameter	L	U	B	⚖️	Nylon pads	Blades
NES22	12 a 16	109	25	18	0,1	NES2201	RK22-55 RK22-60
NES23	16 a 20	111	25	21	0,3	NES2301	RK23-55 RK23-60
NES24	22 a 32	136	40	27	0,5	NES2401	RK24-55 RK24-55G RK24-60 RK24-60G

INTERNAL BLADES FOR NES22



Ref.	Degrees	Norm	⚖️
RK22-60	60° (Included in the restorer)	Métrica/UN	0,1
RK22-55	55°	Whitworth	0,1

INTERNAL BLADES FOR NES23



Ref.	Degrees	Norm	⚖️
RK23-60	60° (Included in the restorer)	Métrica/UN	0,1
RK23-55	55°	Whitworth	0,1

INTERNAL BLADES FOR NES24

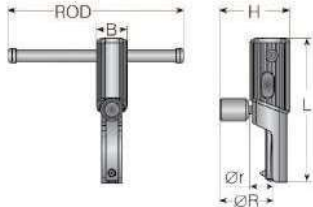


Ref.	Degrees	Pitch	Norm	⚖️
RK24-60	60° (Included in the restorer)	Pitch < 2.5 mm	Métrica/UN	0,1
RK24-55	55°	For more than 10 threads per inch	Whitworth	0,1
RK24-60G	60°	Coarse pitch > 2.5mm	Métrica/UN	0,1
RK24-55G	55°	Less than 10 threads/inch	Whitworth	0,1



INTERNAL THREAD REPAIR SET NES25

NES25




Tool designed to restore and clean internal threads.
Removes rust, bumps and burrs.
RK25-60 blade is included.



Bullet points

- No need to measure the thread.
- Quickly adjustable to any diameter or pitch.
- This tool follows the thread automatically , repairing the damage.

Ref.	D-Diameter	L	U	B		Blades
NES25	32 a 54	163	50	38	1,0	RK25-55 RK25-55F RK25-60 RK25-60F

INTERNAL THREAD REPAIR SET NES26

NES26




Tool designed to restore and clean internal threads.
Removes rust, bumps and burrs.
RK25-60, RK25-60F, RK26-60G y RK26-60F blades are included.



Bullet points

- No need to measure the thread.
- Quickly adjustable to any diameter or pitch
- This tool follows the thread automatically , repairing the damage.

Ref.	D-Diameter	L	U	B		Blades
NES26	32 a 68	163	50	50	1,1	RK25-55; RK25-55F RK25-60; RK25-60F RK26-55F; RK26-55G RK26-60F; RK26-60G

INTERNAL THREAD REPAIR SET NES27/28/29

NES270




Specially reinforce design to repair large threads in the given diameter range RK26-60G and RK26-60F blades are included.



Bullet points

- No need to measure the thread.
- Quickly adjustable to any diameter or pitch.
- This tool follows the thread automatically , repairing the damage.

Ref.	D-Diameter	L	U	B		Blades
NES27	69 a 81	163	50	50	1,4	RK26-55F; RK26-55G RK26-60F; RK26-60G
NES28	82 a 95	163	50	50	1,5	RK26-55F; RK26-55G RK26-60F; RK26-60G
NES29	96 a 108	163	50	50	1,5	RK26-55F; RK26-55G RK26-60F; RK26-60G

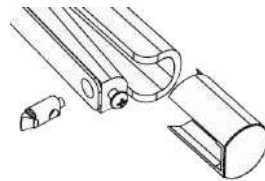


INTERNAL BLADES FOR NES25/26/27/28/29



Ref.	Degrees	Pitch	Norm	
RK25-60	60° (Included in the restorer)	Thread pitch > 2mm	Metric/UN	0,1
RK25-60F	60° (Included in the restorer)	For fine thread <1.75mm	Metric/UN	0,1
RK25-55	55°	Thread pitch > 2mm	Whitworth	0,1
RK25-55F	55°	For threads finer than 14 threads	Whitworth	0,1
RK26-60G	60° (Included in the restorer)	Coarse pitch	Metric/UN	0,1
RK26-60F	60° (Included in the restorer)	Fine metric <1,75mm	Metric/UN	0,1
RK26-55G	55°	Coarse pitch	Whitworth	0,1
RK26-55F	55°	Fine pitch <14 threads	Whitworth	0,1

5 NYLON PADS BAG



Ref.	Thread sizes	
NES2101	9-12mm	0,1
NES2201	14-18mm	0,1
NES2301	18-22mm	0,1
NES2401	22-23mm	0,1

EXTERNAL THREAD REPAIR SET NES12

NES12




Tool set designed to restore and clean external threads .
 Diametre range: M4 to M38.
 Recommended for: Automotive garage, small and medium industrial workshop, farming use and yacht maintenance.



Bullet points

- No need to measure the thread.
- Quickly adjustable to any diameter or pitch.
- This tool follows the thread automatically , repairing the damage.

Ref.	Additional blades		Restorer
NES12	RK1-60, RK2-60	1,2	NES1A NES2

EXTERNAL THREAD REPAIR SET NES123

NES123



Tool set designed to restore and clean external threads.
 Diametre range: M4 to M152.
 Recommended for: Truck and Tractors garage, Industrial maintenance in all industries, Energy industries, shipyard, marine and offshore users.



Bullet points

- No need to measure the thread.
- Quickly adjustable to any diameter or pitch.
- This tool follows the thread automatically , repairing the damage.

Ref.	Additional blades		Restorer
NES123	RK1-60, RK2-60, RK3-60	4,0	NES1A NES2 NES3

INTERNAL THREAD REPAIR SET NES1007

NES1007



Tool set designed to restore and clean internal threads
 Diametre range: M8 to M20.
 Recommended for: Industrial maintenance, energy industry, construction workers.



Bullet points

- No need to measure the thread.
- Quickly adjustable to any diameter or pitch.
- This tool follows the thread automatically , repairing the damage.

Ref.	Additional blades		Restorer
NES1007	RK21-60, RK22-60, RK23-60	0,8	NES21 NES22 NES23



INTERNAL THREAD REPAIR SET NES1008

NES1008



Tool set designed to restore and clean internal threads
 Diametre range: M8 to M32 .
 Recommended for: Industrial maintenance, energy industry, construction workers and plumbers.



Bullet points

- No need to measure the thread.
- Quickly adjustable to any diameter or pitch.
- This tool follows the thread automatically , repairing the damage.

Ref.	Additional blades		Restorer
NES1008	RK21-60, RK22-60, RK23-60, RK24-60	1,3	NES21 NES22 NES23 NES24

INTERNAL THREAD REPAIR SET NES1036

NES1036



Tool set designed to restore and clean internal threads .
 Diametre range: M22 to M68.
 Recommended for: Industrial maintenance, energy industry, construction workers and shipyards marine and offshore works.



Bullet points

- No need to measure the thread.
- Quickly adjustable to any diameter or pitch.
- This tool follows the thread automatically , repairing the damage.

Ref.	Additional blades		Restorer
NES1036	RK24-60, RK25-60	1,3	NES24 NES25 NES26

EXTERNAL AND INTERNAL THREAD REPAIR SET NES1012

NES1012



External and internal set.
 External diametre M4 to M18.
 Internal diametre M8 to M16.
 Recommended for: Small automotive garage, small & medium industrial workshop, farming use and yacht maintenance.



Bullet points

- No need to measure the thread.
- Quickly adjustable to any diameter or pitch.
- This tool follows the thread automatically , repairing the damage.

Ref.	Additional blades		Restorer
NES1012	RK1-60, RK21-60, RK22-60	0,8	NES1A NES21 NES22



EXTERNAL AND INTERNAL THREAD REPAIR SET NES1017

NES1017




External and internal set.
 External diameter M4 to M18 mm.
 Internal diameter M8 to M20 mm.
 Recommended for automobile and industrial workshops, agricultural use and yacht maintenance.



Bullet points

- No need to measure the thread.
- Quickly adjustable to any diameter or pitch.
- This tool follows the thread automatically , repairing the damage.

Ref.	Additional blades		Restorer
NES1017	RK1-60, RK21-60, RK22-60, RK23-60	1,0	NES1A NES21 NES22 NES23

EXTERNAL AND INTERNAL THREAD REPAIR SET NES1025

NES1025



External and internal set.
 External diameter M4 to M38 mm.
 Internal diameter M8 to M32 mm.
 Recommended for automobile and industrial workshops, agricultural use and yacht maintenance.



Bullet points

- No need to measure the thread.
- Quickly adjustable to any diameter or pitch.
- This tool follows the thread automatically , repairing the damage.

Ref.	Additional blades		Restorer
NES1025	RK1-60, RK2-60, RK21-60, RK22-60, RK23-60, RK24-60	2,0	NES1A; NES2 NES21; NES22 NES23; NES24


NES THREAD REPAIR EXHIBITOR

NEXP



Exhibitor with internal and external threaded repairs.
 Two models available.



Ref.	Composición				
NEXP1	8 NEST	4 NES1A	2 NES2	2 NES1012	10,2
NEXP2	4 NEST	2 NES1A	1 NES2	1 NES1012	7,9



EXTERNAL THREADS FILE

0156000

Thread restorer with plastic handle insert.

Bullet points

- Each file has 8 different thread pitches.



Ref.	Thread type	Steps	Degrees	
015600	BSW/BSP	FROM 11 TO 26H	55°	0,2
015601	SAE or UN	FROM 12 TO 26	60°	0,2
015602	Metric	0,75 TO 3	60°	0,2
015603	BSP	FROM 11 TO 28H	55°	0,2

3 EXTERNAL FILE FOR THREADS

5930

File for external threads with plastic handle.

Bullet points

- Each file has 8 different thread pitches.



Ref.	Abrasive file	Abrasive file	Abrasive file	
5930	59301	59302	59304	0,5

ECONOMIC EXTERNAL THEAD FILE

593040

Exterior thread files with a plastic handle.

Bullet points

- Each file has 8 different thread pitches.



Ref.	Thread type	Steps	Degrees	
59301	SAE or UN	11,12,13,14,16,18,20 and 24	60°	0,2
59302	SAE or UN	9,10,12,16,20,27,28 and 32	60°	0,2
59304	Metric	0,75,1,7,125,1,5,1,75,2,2,5 and 3	60°	0,2

SET OF 5 FEMALE THREAD RESTORERS

509597

5 nuts thread restorer set to clean and restore threads.



Ref.	Metric	
509597	M6 M8 M10 M12X1,25 M12X1,5 M12X1,75	0,6


SET OF 6 MALE THREAD RESTORERS

509598



6 screws thread restorer set to clean and restore threads.



Ref.	Metric	
509598	M6 M8 M10 M12X1,25 M12X1,5 M12X1,75	1,8


MASTER THREAD RESTORES KIT OF 15 PIECES

509599



Contains male and female thread repairs and a thread file.



Ref.	Metric	
509599	M6 M8 M10x1,25 M10 M12X1,25 M12X1,5 M12X1,75	0,5

HYDRAULIC PRESSES FOR PULLER 8 AND 12 TON

2060




Hydraulic system with manual return to increase the force of the mechanical pullers.
The difference of the piston diameters multiplies the force .
The piston has a stroke of 8mm
Hydraulic force is applied by turning a screw.



Bullet points

- Hydraulic system: faster extraction with less effort.
- An easy hydraulic pressing tool suitable for limited spaces.



Ref.	Ø	Stroke	TON	
2660	33	8	8	0,1
2665	44	8	12	2,2



HYDRAULIC PRESSES FOR PULLER 5 AND 11 TON

2600




Hydraulic system with automatic return to increase the force of the mechanical pullers.
The difference of the piston diameters multiplies the force
Hydraulic force is applied by turning a screw.



Bullet points

- Hydraulic system: faster extraction with less effort.

Ref.	Ø	Stroke	TON	
2650	45	4	5	1,3
2655	70	2	11	2,3





QUICK ACTION WRENCH

821030



Ratchet wrench 13 to 30 mm.
This tool allows to tighten and to loose a nut in a reversible way.



Bullet points

- Quick and precise adjustment to the nut size.

Ref.	Minimum	Maximum	
821030	12	30	0,6



FAST REVERSIBLE HANDLE

82012



Manual with 1/2" square drive.
The quick approach improves the work with our pullers, metal round knockout punches and tools wit very long screws.



Bullet points

- It has a crank for a super fast approximation.
- It allows a quick approach, even for loose screws.



Ref.	Handle length	Length	
82012	170mm	250mm	0,5

TORQUE WRENCHES

801000

Our Best Selling Torque with an exclusive Sykes-Pickavant Design.



Professional Torque Wrench.
Accurate to +/-3% of reading which meets the requirements of ISO 6789-2:2017.
Supplied with a traceable 'Calibration Certificate' allowing end-users to adhere to more stringent quality control processes.

Bullet points

- 60% larger scale for better visibility and improved accurate setting.
Superior, ergonomic handle and shape - Soft-feel, high grip material and more comfortable to use.
- Improved serviceability means longer life and reduced ownership costs.

Ref.	Square	Included Reducer	Nm	Lenght	
801050	3/8"	1/2"	0-50	335mm	0,7
801100	1/2"	3/8"	20-100	387mm	0,9
801200	1/2"	No	40-200	470mm	1,1
801300	1/2"	No	60-300	593mm	1,4
801340	1/2"	No	60-340	593mm	1,5
801400	3/4"	No	80-400	686mm	1,9



SPEEDLINE TORQUE WRENCH

80100L



The Speedline Torque utilises Speedline’s proven mechanism and internal components and incorporates them into a purposeful and attractive torque wrench that will delight a wide range of users from professional mechanics to hobby enthusiasts.

Accurate to $\pm 3\%$ of reading which meets and exceeds ISO6789:2003. Micrometer scale applying to the primary torque units (N.m on a dual scale wrench) for simple and error free setting.



Bullet points

- Push through’ ratchets allow torque control in both the clockwise and anti-clockwise directions.
- Pull/push lock is fast and intuitive to use and prevents accidental adjustment of the set torque.
- Convenient hanger feature for tool storage also aids wrench unlocking and adjustment.
- Supplied with a traceable ‘Calibration Certificate’
Includes square reducer of 3/8” in the small models.

Ref.	Square	Includes reducer of 3/8”	Nm	Lenght	
801050L	1/2”	Yes	0-50	370mm	1,1
801100L	1/2”	Yes	20-100	500mm	1,3
801200L	1/2”	No	40-200	500mm	1,4
801340L	1/2”	No	60-340	720mm	2,1

BIG TORQUE WRENCH

802400



3/4” sq. dr. Torque Wrench / 200 - 800 N.m / 150 - 600 lbf.ft.

New Torque Scale.

Push-through ratchet allows two directional torqueing.

Robust construction gives accurate results to $\pm 4\%$ even in arduous working conditions.

Tool is supplied with a Declaration of Conformance which meets the requirements of ISO 6789-1:2017.

New handle - more comfortable and guides operator’s hand to correct position

Easy to read scale is shielded from dust, dirt and spray.



Bullet points

- Split Torque Design - The new generation design can be split into two parts for easy and economic storage and shipping.
- Unique profiled cam ad reaction plate - gives much clearer torque signal and the large break angle greatly reduces the possibility of over torqueing.
- Easy to set accurately - setting tool included.

Ref.	Square	Nm	
802400	3/4”	200-800	0,1



MECHANICAL NUT SPLITTERS

6310



New improved design of nut splitters.
Engineering improvement that helps the nut cutting.
Perpendicular blade against the face of the nut.
The Sharp blade at 60 degrees ensures the smooth cutting.
Replacement blades available.



Bullet points

- Engineering improvement that helps the nut cutting :perpendicular blade against the nut face.
- The Sharp blade at 60 degrees ensures the smooth cutting.



Ref.	Nut thread	Hexagon nut	Nut thickness	Maximum torque	Hexagon base	To	B	D	⚖️	Blade
6311	To M10	4 to 19	8	38Nm	22	84	32	21	0,2	631105
6312	M5-M16	19 to 27	13	50Nm	24	102	46	27	0,3	631205
6313	M16-M24	27 to 32	19	190Nm	27	120	61	28	0,5	631305

NUT SPLITTERS BLADES

Blades made of F522 material tempered to 52HRc
With a cutting angle of 60°.



Ref.	Ø	Lenght	⚖️
631105	12,5	42	0,1
631205	14,5	50	0,1
631305	16,3	52	0,1

HIGH PERF. NUT SPLITTERS BLADES

VANADIS blades made with double angle (45° and 60°)
much more resistant to cut stainless steel nuts.
Blades made of Vanadis 4, one of the most ductile and wear resistant material, tempered up to 64HRc.

The smaller angle allows and easier cutting with half the effort.



Ref.	Ø	Lenght	⚖️
631106	12,5	42	0,1
631206	14,5	50	0,1
631306	16,3	52	0,1

HIGH PERFORMANCE NUT SPLITTERS

6310I



Cutting without limits thanks to our high-performance blade.
Highly recommended for cutting and loosening stainless steel and high quality nuts.
Replacement blades for sale.



Bullet points

- 60% more efficient and faster cut.
- Vanadis 4 material blades, one of the materials with the highest ductility and resistance.Hardness up to 64 HRc.
- The double blade angle allows a better cutting with the half of the strenght.
The high performance nut splitters have an anti-friction washer that dissipates the heat produced by the friction of the blade and reduces the cutting moment by 30%.

Ref.	Nut thread	Hexagon nut	Nut thickness	Maximum torque	Hexagon base	To	B	D	⚖️	Blade
6311I	To M10	4 to 19	8	38Nm	22	84	32		0,2	631106
6312I	M5-M16	19 to 27	13	50Nm	24	102	46		0,3	631206
6313I	M18-M24	27 to 32	19	190Nm	27	120	61		0,5	631306



MECHANICAL NUT SPLITTERS SET

6300M



Plastic case with 3 nutsplitter models.
Engineering improvement that helps the nut cutting: perpendicular blade against the face of the nut.
The Sharp blade at 60 degrees ensures the smooth cutting
replacement blades are available.



Bullet points

- Engineering improvement that helps the nut. cutting: perpendicular blade against the nut face.
- The Sharp blade at 60 degrees ensures the smooth cutting.

Ref.		Nut splitters
6300M	1,5	6311 6312 6313

HIGH PERFORMANCE NUT SLITTER SET

6300MI



Plastic set made up of of 3 models of high-performance nut splitters
Cutting without limits thanks to our high-performance blade
50% more efficient and faster cut
Highly recommended for cutting and loosening stainless steel nuts.
Replacement blades for sale



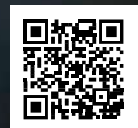
Bullet points

- 60% more efficient and faster cut
- Vanadis 4 material blades, one of the materials with the highest ductility and resistance.Hardness up to 64 HRC
- The smaller angle allows a better cutting with the half of the strenght.

Ref.		High performance nut splitter
6300MI	1,5	6311I 6313I 6311I



WATCH VIDEO





MECHANICAL NUT SPLITTER EXHIBITOR 6300



Strong cardboard display consisting of 3 models of nut splitters.
Check your implementation price.



Bullet points

- Engineering improvement that helps the nut cutting :perpendicular blade against the nut face.
- The Sharp blade at 60 degrees ensures the smooth cutting.

Ref.		Nut splitters
6300	2,5	6311 6312 6313

NUT SPLITTER DISPLAY WITH 2 LINES OF MECHANICAL NUT SPLITTERS 6300I



Strong cardboard display made up of 6 models of nut splitters:
3 differents sizes of standard mechanical nut splitter.
Another 3 sizes of high performance nut splitters.



Ref.		Nut splitters	High performance nut splitter
6300I	2,1	6311 6312 6313	6312I 6313I 6311I

HYDRAULIC NUT SPLITTERS 6310H



Hydraulic nut splitter.

Bullet points

- Hydraulic system: faster extraction with less effort.



Ref.	Hexagon	Metric	
031600	22	M14	0,9
033600	37	M24	4,7




CLASSIC CLAMP MODEL E DEPTH :85 MM

P301500



Extra resistant hot rolled steel bar(900N/mm2) and anti-rust coated bar.
Nonslip brake on moving jaw.



Ref.	Opening	Width		Protector
P30150	150	85	1,1	P24014
P30200	200	85	1,2	P24014
P30300	300	85	1,4	P24014
P30400	400	85	1,5	P24014
P30250	250	85	1,3	P24014


MODEL F CLAMP DEPTH:120 mm

P402000



Extra resistant hot rolled steel bar(900N/mm2) and anti-rust coated bar.
Nonslip brake on moving jaw.



Ref.	Opening	Width		Protector
P40200	200	120	1,8	P24014
P40300	300	120	1,5	P24014
P40400	400	120	2,2	P24014
P40500	500	120	2,4	P24014
P40600	600	120	2,6	P24014
P40800	800	120	3,0	P24014
P41000	1000	120	3,4	P24014


MODEL R CLAMP DEPTH:150 mm

P504000



Extra resistant hot rolled steel bar(900N/mm2) and anti-rust coated bar.
Nonslip brake on moving jaw.



Ref.	Opening	Width	
P50400	400	150	3,3
P50500	500	150	3,7
P50600	600	150	4,0
P50800	800	150	4,6
P51000	1000	150	5,2
P51500	1500	150	6,7
P5200	2000	150	8,2



MAXIPRESS F CLAMP DEPTH:120 mm

P60020



Leaf spring steel rim.
Ergonomic handle, removable and interchangeable.



Ref.	Opening	Width	⚖️
P60020	200	120	2,1
P60030	300	120	2,3
P60040	400	120	2,6
P60060	600	120	3,0
P60080	800	120	3,4
P60100	1000	120	3,9

MAXIPRESS R CLAMP DEPTH:160 mm

P61030



Leaf spring steel rim.
Ergonomic handle, removable and interchangeable.



Ref.	Opening	Width	⚖️
P61030	300	160	2,0
P61040	400	160	2,5
P61050	500	160	4,1
P61060	600	160	4,4
P61080	800	160	5,1
P61100	10000	160	5,7
P61150	15000	160	7,2

Characteristics



Piston system with no torsion:
Protects the screw mechanism from any possible blow or dirt, extending the life of the clamp.
The plunger does not rotate, allowing 2 pieces to be glued without the risk of slipping.



Ergonomic and interchangeable articulating handle:
It can be used horizontally, not only vertically, being able to exert more pressure due to the lever effect.
Withstands 180° of temperature and is interchangeable.



Tempered steel Nonspli brake:
Protects the hand from possible unwanted falls of the moving head.



Grooved fixed jaw:
The surface of the fixed head has recesses for the sectioning of curved elements, such as tubes, round parts, etc.



Greasing hole:
In the bolting area there is a hole for greasing the mechanism if necessary.

PROTECTOR SETS FOR CLAMPS

P24014



Valid only for models E and F.



Ref.	Width	Length	⚖️
P24014	45	65	0,1



MINI QUICK CLAMP

P524150



Nylon and fibreglass jaws.
Carbon steel bar.
Reversible.



Ref.	Opening	Width	⚖️	Protector
P52415	150	50	0,3	P52412
P52430	150	60	0,3	P52412

PROTECTOR FOR MINI CLAMP

P52412



Set of 2 units.



Ref.	⚖️
P52412	0,1

QUICK CLAMP

P526150



Nylon and fibreglass jaws.
Carbon steel bar.
Reversible.



Ref.	Opening	Width	⚖️	Protector
P52615	150	80	0,7	P52505
P52625	1250	130	1,7	P52505
P52630	300	90	0,8	P52505
P52645	450	100	0,9	P52505
P52660	600	110	1,0	P52505
P52690	900	120	1,2	P52505
P52590			1,2	P52505

PROTECTOR FOR QUICK ACTION CLAMP

P52505



Set of 2 units.



Ref.	⚖️
P52505	0,1

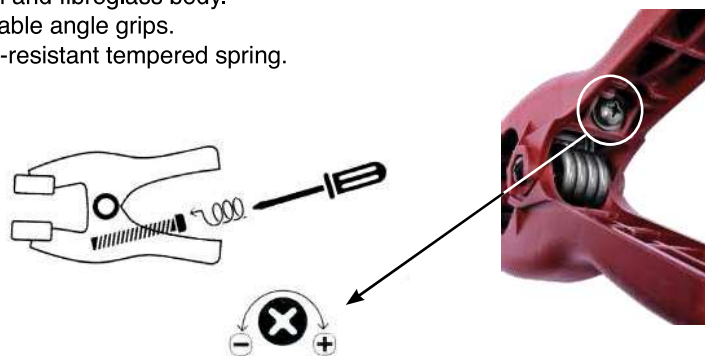


ADJUSTABLE SPRING CLAMP

P309100



Ajustable screw pressure.
Nylon and fibreglass body.
Ajustable angle grips.
Extra-resistant tempered spring.



Ref.	Length	Width	
P30910	115	30	0,1
P30911	165	50	0,1

PROFESSIONAL FORGED STEEL CLAMPS MODEL TPAL

P308100



TPAL model clamps for guides and holes.
Forged steel.
Very focused on the wood sector.

**Bullet points**

- Flatter head than usual to be introduced into wood cutting machines such as FESTOOL, MAKITA or DEWALT.

Ref.	Opening	Width	
P30810	120	60	0,5
P30811	160	60	0,6
P30812	200	60	0,6
P30813	300	60	0,6



MULTIPORPUSE

P300100



Tilting non-slip pads adjustable to any angle with holes to assemble to any surface.
1 mm thick steel tubes.
Nylon fibreglass reinforce handle.



Bullet points

- Spring system for a quick fixation.
- It an work outdoors. Oxidation resistan.

Ref.	Maximum lenght	Minimum length	⚖️	Multiprop pad	Tripod
P30010	1000	600	1,4	P34037	P34050
P30011	1700	950	1,8	P34037	P34050
P30012	2900	1550	2,6	P34037	P34050
P34004	3750	2000	3,2	P34037	P34050

MULTIPORPUSE TRIPOD

P34050



Load capacity 300Kg.
Welded tubes and profiles.



Ref.	⚖️
P34050	2,2

SPARE MULTIPROP PAD

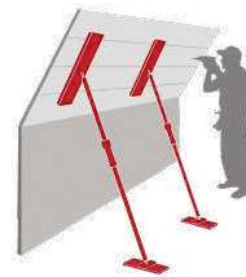
P34037



Aluminium body.
Stainless steel springs.
EPDM rubber Anti-slip surface.
Easy and quick to attach to both pads of our multiprops.



Ref.	⚖️
P34037	0,2



ARM+ EXPANSION PROP

P34093



Tilting non-slip pads adjustable to any angle with holes to assemble to any surface.
1 mm thick steel tubes.
Nylon fibreglass reinforce handle.
Easy One hand use.
Don't turn the handle if accesory used.



Ref.	Minimum length	Maximum length	⚖️
P34093	168	300	2,9



MAGNETIC HOLDERS

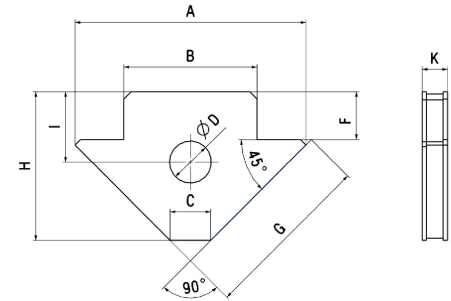
P290030



Ferrite magnet protected with bakelite resistant to high temperatures
For welding 45° and 90° angles.
2,5mm thick steel sheet joined with threaded screws.

**Bullet points**

- Very useful for holding steel parts .either in welding or measuring works.



Ref.	To	B	C	ØD	F	G	H	I	K	
P29003	85	15	14	24	25	91	82	37	14.5	0,3
P29004	110	18	28	29	33	118	102.5	48.5	17.5	0,7
P29005	140	20	39	40	39	153	128	60	20.5	1,2

MAGNETIC GROUND BLOCK

P290060



Entirely brass contact piece.
Industrial use.
Permanent ferrite magnet.



Ref.	Ø	Endurance	
P29006	6	150A	0,2
P29007	9	300 A	0,3

TERMINAL FOR MAGNETIC GROUND

P290080



Terminal for use with magnetic ground.



Ref.	Voltaje	
P29008	300A	0,1
P29009	500A	0,1

WARNING:

- Disconnect the appliances before performing any maintenance operation.
- Study the table of recommendations to choose the correct cable size.
- Make sure that the surfaces are clean and free of paint, rust, etc., to ensure good contact.

**RECOMMENDED CABLE SECTION:**

AMPS	Cable length.					
	15m	30m	45m	60m	75m	100m
100	16	25	25	25	25	35
150	25	25	25	35	50	70
200	35	35	35	50	70	95
250	50	50	50	70	95	
300	70	70	70	95		
350	95	95	95			
400	95	95				
500	95					

STRONG FLEXIBLE MAGNETS


H6631

It has a flexible shaft for a permanent bending.
Magnet of 1.5Kg of force.



Bullet points

- Equipped with an “Energy Ring” ring that reduces lateral magnetization by 99%, and increases the central point magnetization by 35%.


Ref.	Lenght	Magnet diameter	
H6631	552	6	0,1

TELESCOPIC MAGNETS H6640

H6640

This magnet bends and stays in any position.
The head has a diameter of 8mm.




Ref.	Lenght	Magnet diameter	
H6640	552	6	0,1

TELESCOPIC MAGNETS 670006

670006

Magnet helps picking up small metal parts from inaccessible places.



Ref.	Lenght	
670006	135 a 490	0,3

TELESCOPIC MAGNETS H6652


H6652

5Kg strong telescopic magnet that allows large pieces to be recovered.



Bullet points

- Equipped with an “Energy Ring” ring that reduces lateral magnetization by 99%, and increases the central point magnetization by 35%.

Ref.	Length	Strength	
H6652	200 A 830	50N	0,1



TRACER PEN

H6665



This tool has three different uses:
Magnet helps picking up small metal parts.
Needle for spray nozzle clean up and adjustment.
Needle can also be used for tracing and marking.



Ref.	Length	Ø	
H6665	160-475	7	0,1

PICKUP CLAMP WITH LIGHTING

H6675



Pickup clamp with lighting.
Four claw jaws suitable to pick up non-magnetic objects
It is not magnetized.

**Bullet points**

- Very intense lighting with a LED that lights up when you open the clamp.

Ref.	Length	
H6675	600	0,3

DIGITAL THERMOMETER

H70150



Precise non-contact thermometer. Two laser points to a single spot when the unit is at the optimal distance from the target.

**Bullet points**

- Emissivity adjustable to the material type.



Ref.	Temperature	
H7015	de -50 a 550:	0,3
H7020	de -50 a 1000:	0,3

SONOSCOPE

323700



Super sensitive sound detector, with a built-in diaphragm which amplifies noise, for assisting in the diagnostic process.
Made of robust metal and plastic, with a 550 mm hose and a 290 mm probe.

Helps to diagnose many vehicle problems, including: Noisy water pumps, faulty wheel bearings, alternator problems, etc...



Ref.	
323700	0,2

TELESCOPIC MAGNET AND MIRROR SET

H6690



High quality.
Solvents and shocks resistant.

Bullet points

- Shock and solvent resistant.



Ref.		Mirror	Magnet
H6690	0,3	H6612	H6652

HIGH INTENSITY FLEXIBLE INSPECTION LIGHT

H64100



Goes where ordinary lights won't fit
Includes a plastic extension to mount on the handle
Alkaline batteries included



Ref.	Length	Extension	
H6410	400	280	0,2
H6415	600	460	0,3

LIGHTED INSPECTION MIRROR

H65100



Device for visual inspection and troubleshooting.
Thumb controls 90° mirror adjustment.
Powerful lamp to illuminate the dark areas.



Ref.	Length	
H6510	600	0,2

TELESCOPIC MIRROR

H6612



High quality.
Solvent and shatter resistant.
45x60 mm mirror.
Arm from 170 to 665mm.



Ref.	Mirror	Length	
H6612	45x60	170-665	0,1



CHAIN TOOL FOR INSTALLATION AND REMOVAL

5110



Dismounts chains up to 1".
Mounts chains up to 3/4".



Ref.	Dismounts	Fits	
5110	Hasta 1"	Hasta 3/4"	2,0

JOINT, SEAL AND BEARING RINGS INSTALLATION KIT

T63100



Assembly of seals, seals and bearing rings.
Suitable for replacing smaller bushes, bearings and seals etc. It can be used in various vehicles, electric motors and other components and equipment.



Ref.	Diameters	Rings	
T63100	10 A 32	13 Cilindricos	0,6

CHAIN TENSIONER PULLER

5125



Professional tensioner for the removal and replacement of motorcycle chain links, compatible with 415, 420, 428, 520, 525, 530, 532, and 630 motorcycle chains.



This tool allows you to properly approximate the links and install a new one easily and quickly.

Bullet points

- Handle for an easier tightening.



Ref.					
5125	25,7	11,3	63	5,2	0,4



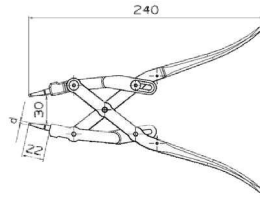


ARTICULATE SNAP RING PLIERS

5800



Estos alicates incluyen las puntas ectas y curvas para anillos.



Ref.	From	To	Application	⚖️
5810IN	8	120	Interiores	0,5
5820EX	8	120	Exteriores	0,5

TIPS FOR ARTICULATE SNAP RING PLIERS

5810PI0



Tips for snap ring pliers 5810IN and 5820EX.



Ref.	Puntas	⚖️
5810PI	5811R, 5813R, 5814R, 5811C, 5813C y 5814C	0,1
5820PE	5821R, 5823R, 5824R, 5821C, 5823C y 5824C	0,1

INTERNAL AND EXTERNAL SNAP RING PLIERS

5830N0



Snap ring pliers with internal and external interchangeable tips. Regulation stop mechanism for an easier use and to prevent to damage the rings due to an excessive force. All tips are included.



Ref.	External diameter	Internal diameter	⚖️
5830N	3 a 26	7 a 26	0,2
5840N	7 a 51	10 a 51	0,3
5860N	32 a 102	46 a 102	0,5

2 SNAP RING PLIERS SET

5800S0



Snap ring pliers with internal and external interchangeable tips. Regulation stop mechanism for an easier use and to prevent to damage the rings due to an excessive force. All tips are included.



Ref.	External diameter	Internal diameter	⚖️	Plier
5800S	3 to 51	7 to 51	0,5	5830N 5840N



3 SNAP RING PLIERS SET

5800N



Snap ring pliers with internal and external interchangeable tips. Regulation stop mechanism for an easier use and to prevent to damage the rings due to an excessive force. All tips are included.



Ref.	External diameter	Internal diameter		Plier
5800N	3 a 102	7 a 102	1,5	5830N 5840N 5860N

SPINDLE SNAP RING PLIER

5870



Made of hardened steel set of pliers with a T-handle for an accurate control. Suitable for internal and external snap rings. It is recommended to use the longer tips for greater stability. All tips are included.



Ref.	External diameter	Internal diameter	
5870	90 a 175	90 a 175	1,3

SNAP RING PLIER

28300



Made of hardened steel with T-handle screw action for precise control. Suitable for internal and external rings. The tips are interchangeable.



Ref.	External diameter	Internal diameter	
028300	44 A 18	44 A 180	0,7

BRAKE LINE CLAMP

35700



Clamp for flexible and fuel pipes. Nylon clamp. This type of clamp is particularly useful where the clamp needs to be left on the brake line for an extended period as it does not crush the lose.



Ref.	
035700	0,1



OPEL BRAKE PISTONS PLIER

T51257



This circlip tool opens and holds the special ring in order to remove the brake cylinder.
In some Opel vehicles this tool also allows you to remove the locking circlip to separate the shaft from the seal.



Ref.	Function	
T51257	Opel	1,0

SLEEVE FLANGUE PLIER

T51845



Sleeve flange pliers for cooling, heating and carburetion hose flanges and wire type cable ties.



Ref.	
T51845	0,2

OETIKER FLANGE PLIERS

T51860



Pliers for tightening bellows flanges type OETIKER.
For BMW, Chrysler, Ford, GM, Honda, Mazda, Mercedes, Nissan and VAG.



Ref.	
T51860	0,4

SW SNAP RING PLIERS

T51862



Snap ring plier.
Red Dipped Handles for Comfort and Grip.



Ref.	Ømax	
T51862	Ciegos	0,3



ELASTIC FLANGE PLIERS

T51875



Wire rope pliers suitable for the most popular car manufactures and light commercial Vehicles.

For use on re-useable spring band type hose clamps.

**Bullet points**

- Ratcheting action with quick release.

Ref.	Lenght	Ømax	Ømin	
T51875	600			0,6

PLASTIC TUBE CUTTER

T51920



Hose cutter for refrigeration, carb, fuel, etc.

Bullet points

- Stainless steel blade .
- Resistant molded plastic.



Ref.	Ø	Lenght	Type	
T51920	32	215	Alicate	0,1



PIPE FLATING TOOL

5060



This tool makes either convex or double as per DIN and SAE normatives lap flares.

Para tubos 4, 5, 6, 8, 10, 12 y 15 mm de diámetro.



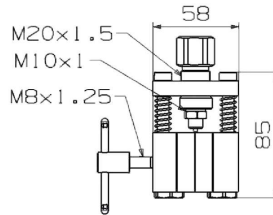
Ref.	Ømin	Ømax	
5060	4	15	0,9

BRAKE PIPES FLARING TOOL

5061



Suitable for copper or iron pipes.
Convex SAE flare, double SAE flare and DIN flare can be realized.



Ref.	Ømin	Ømax	
5061	4,75	6	1,4

FLARING TOOLS KIT

0270020



This flaring tool makes quickly and accurately convex and double lap flares according to SAE and DIN standards for automotive brake and clutch pipes.

SAE: Convex Single: 3/16" 4,75, 6, 8, 10 mm.

DIN Convex Single: 4,75mm.



Ref.	Tubes	Tubes	
027002	3/16"	4,75-10mm	5,5
027008	3/16"- 1/4"- 5/16"-3/8"-1/2"	4,75-12mm	6,3



PIN PUNCH WITH HANDLE

87100B



Cylindrical pushers have a long tip and are often used to push pins or parts such as bolts into spaces limited by the size of the hole. They are used throughout the industry to make markings, adjustments or moving parts in general.



Being an impact tool, it can help us in many situations in which the pieces get stuck and there is no way to move them.

Bullet points

- Bi-material anti-rebound handle to prevent damages from shock.

Ref.	Lenght	Body	Ø	
871003B	150	10	3	0,1
871004B	150	10	4	0,1
871005B	150	10	5	0,1
871006B	150	10	6	0,1
871008B	150	12	8	0,1

PIN PUNCH WITH HANDLE EXHIBITOR

87100E



Cylindrical pushers have a long tip and are often used to push pins or parts such as bolts into spaces limited by the size of the hole. They are used throughout the industry to make markings, adjustments or moving parts in general.



Being an impact tool, it can help us in many situations in which the pieces get stuck and there is no way to move them.

Bullet points

- Bi-material anti-rebound handle to prevent damages from shock.

Ref.		Pin punch
87100E	0,7	871003B - 871004B 871005B - 871006B 871008B

PIN PUNCHES IN TUBULAR BOX

87100C



Cylindrical pushers have a long tip and are often used to push pins or parts such as bolts into spaces limited by the size of the hole. They are used throughout the industry to make markings, adjustments or moving parts in general.



Being an impact tool, it can help us in many situations in which the pieces get stuck and there is no way to move them.

Bullet points

- Bi-material anti-rebound handle to prevent damages from shock.

Ref.		Pin punch
87100C	5,2	871003B - 871004B 871005B - 871006B 871008B



PIN PUNCHES

87200B



Cylindrical pushers have a long tip and are often used to push pins or parts such as bolts into spaces limited by the size of the hole. They are used throughout the industry to make markings, adjustments or moving parts in general. Being an impact tool, it can help us in many situations in which the pieces get stuck and there is no way to move them.



Ref.	Lenght	Body	Ø	⚖️
872003B	150	10	2	0,1
872004B	150	10	3	0,1
872005B	150	10	4	0,1
872006B	150	10	6	0,1
872008B	150	12	8	0,1
872010B	150	12	10	0,1

PIN PUNCHES BOX

87200C



Cylindrical pushers have a long tip and are often used to push pins or parts such as bolts into spaces limited by the size of the hole. They are used throughout the industry to make markings, adjustments or moving parts in general. Being an impact tool, it can help us in many situations in which the pieces get stuck and there is no way to move them.



Ref.	⚖️	Pin punch
87200C	0,6	872003B - 872004B 872005B - 872006B 872008B - 872010B

PIN PUNCHES EXHIBITOR

87200E



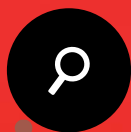
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Ref.	⚖️	Pin punch
87200E	0,5	872003B - 872004B 872005B - 872006B 872008B - 872010B



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