MOTORBIKE TOOLS

Surface protection

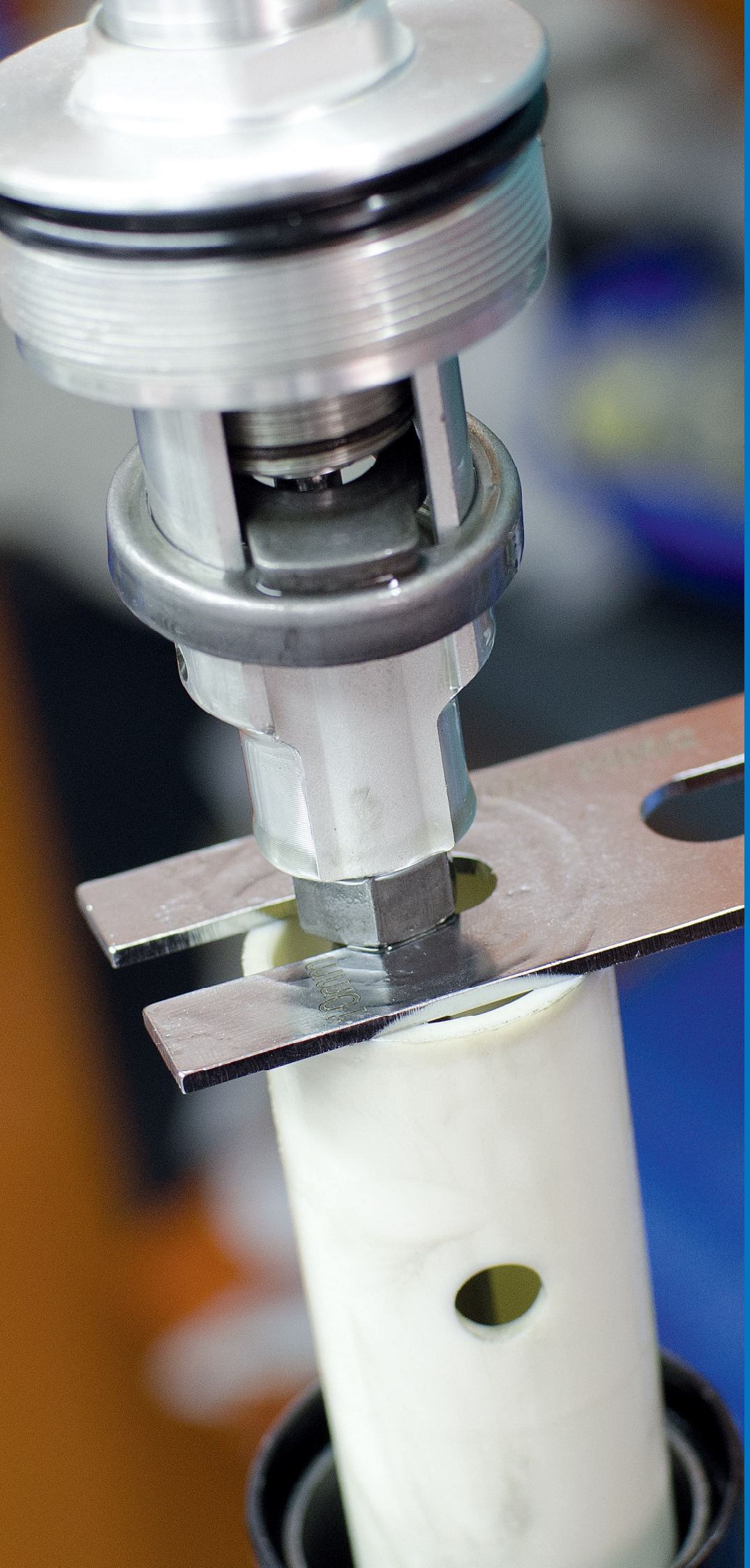
Tools are made of excellent steel improved composition. Several models come with additional chrome surface protection.

New advanced technology

The use of new technological methods and top quality materials result in tools with a long life span, safety designs ensure repair jobs without damages, customized solutions, excellent effectiveness, modern materials and ergonomic design provide good looks and safe use.

Top Quality Materials

The well-thought-out design and precise manufacture prevent damage to the objects being worked on even under a substantial load. With these characteristics, the effective Unior tools are the right selection for craftsmen who require quality and durable tools with a long service life.



Premium +

Premium Plus carbon steel

For optimal grip and cutting strength

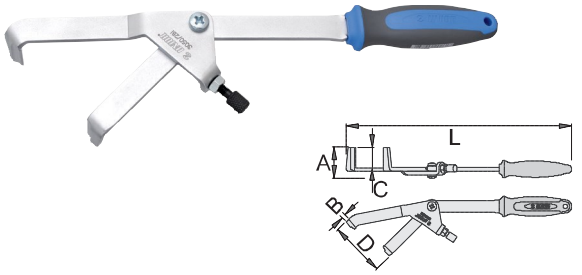
Steel with a medium carbon content is particularly suitable for pliers due to its incorporation of selected alloyed elements. Together with the hardness achieved through inductive tempering, this material property allows for extraordinary clamping strength. Pliers made of various improved steels have a suitable hardness and higher tensile strength, due to their higher carbon content. Manganese also contributes towards improvement, as it increases the ductility of the material. Silicon was used to improve the elasticity of the material, while chrome reduces its susceptibility to cracking.

Alloyed tool steel C45E, in accordance with EU Directive 2000/53/EC and the EN 10083-1 standards

- 0,45% carbon for higher tensile strength and ductility
- 0,70% manganese for higher tensile strength and ductility
- 0.30% silicon for higher elasticity
- 0,30% chrome for lower susceptibility to cracking and higher tensile strength

3050/2BI

Clutch and gear wheel holding tools



- *material: premium plus carbon steel*
- *surface finish: chrome plated to standard ISO 1456:2009*
- *ergonomic heavy duty double component handle*

Advantages:

- *Its wedge-shaped gripping shanks provide grip between teeth while preventing them from being damaged.*
- *The tool also includes a screw, which enables the tool to be fixed in a certain position and, consequently, a firm grip.*

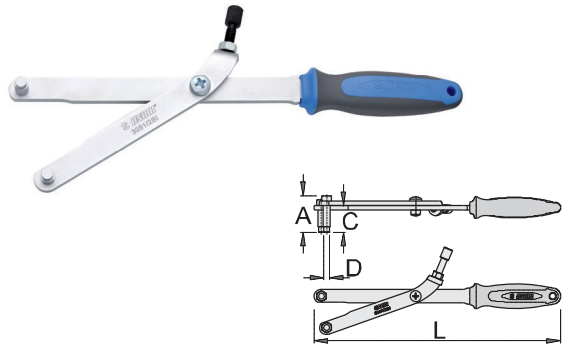
Usage:

- *The tool is designed for holding the clutch, gears and the cam shaft when tightening gears in the range up to 130mm during assembly and disassembly.*
- *all types of motorbikes*

	D↓	D↑	C	B	A	L			
620261	40	130	35	6	53	390	637	1G	1

3051/2BI

Rotor and sprocket holding tools



- *material: premium plus carbon steel*
- *surface finish: chrome plated to standard ISO 1456:2009*
- *ergonomic heavy duty double component handle*

Advantages:

- *Due to its universal structure, it allows holding holes with a diameter of 5 or 9 mm and at a distance between 20 to 180 mm.*
- *The tool also has a screw that enables fixing of the tool at the actual distance between holes on the magnet or the sprocket.*

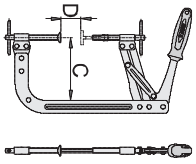
Usage:

- *The tool is designed for holding the magnet and the sprocket during assembly or disassembly.*
- *all types of motorbikes*

	D↓	D↑	D1	D2	L	A			
620262	20	180	5	9	340	32	604	1G	1

3052/2BI

Valve spring compressor for motorbikes



- *material: premium plus carbon steel*
- *entirely hardened and tempered*
- *surface finish: chrome plated according to ISO 1456:2005*
- *ergonomic heavy duty double component handle*
- *valve spring compressor not include pressure pieces*
- *pressure pieces (article 2202.1/2) of dimensions 17,21,25 allow working on almost all motorbikes and are available as spare parts*

Advantages:

- *suitable for almost all engines due to its wide range of adjustment*
- *after adjusting the tool for the first valve, the speed of work increases as readjusting is not necessary for subsequent valves.*
- *using its very fast and easy with lever blockade*
- *adjustable handles enable desired pressure on the spring.*

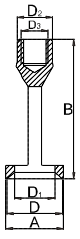
Usage:

- *This tool is used to attach and detach valve springs and features a self-locking lever and quickly-adjustable fittings to allow it to be used with all kinds of engines.*

	D↓	D↑	C				
620263	25	170	140	1520	1G	1	

2202.1/2

Pressure pieces for valve spring compressor

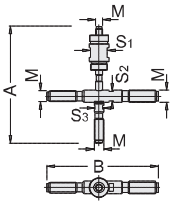


- *material: premium chrome vanadium steel*
- *entirely hardened and tempered*
- *dimensions 17,21,25 for motorbikes, 21,25,30,35,43 for cars*

	D	A	B	D1	D2	D3			
623218	17	18	58	13,5	16	M 12	25	1E	1
620567	21	22	63	16	16	M 12	46	1F	1
620208	25	26	63	18	16	M 12	54	1E	1
620209	30	31	67	20	16	M 12	62	1E	1
620210	35	36	70	23	16	M 12	84	1E	1
620211	43	44	75	30	16	M 12	106	1E	1

3055/4A

Flywheel puller with external thread



- *material: premium plus carbon steel*
- *surface finish: blacken to standard DIN 50938*
- *treads M10, M14, M16, M18, M24 are right hand, M27 are left hand*

Advantages:

- *The tool has 6 different sizes of external thread, thus enabling coverage of the majority of motor types that have a flywheel with an internal thread.*
- *allows flywheel removal without pulling motor from hull*
- *On each axis, there is an attachment for an open-end wrench that makes the removal of the magnet easier.*

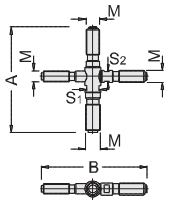
Usage:

- *for removal of the flywheel with internal thread*

	M	M	M	M	M	M	S1	S2	S3	A	B			
620278	M10x1	M14x1,5	M16x1,5	M18x1,5	M24x1	M27x1	24	14	11	168	160	531	1E	10

3055/4B

Flywheel puller with external thread



- *material: premium plus carbon steel*
- *surface finish: blacken to standard DIN 50938*
- *all treads are right hand*

Advantages:

- *The tool has 4 different sizes of external thread, thus enabling coverage of the majority of motor types that have a flywheel with an internal thread.*
- *allows flywheel removal without pulling motor from hull*
- *On each axis, there is an attachment for an open-end wrench that makes the removal of the magnet easier.*

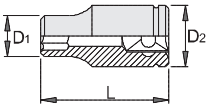
Usage:

- *for removal of the flywheel with internal thread*

	M	M	M	M	S1	S2	A	B			
620279	M16 x 1,5	M18 x 1,5	M20 x 1,5	M22 x 1,5	19	14	161	161	630	1E	10

3056/2

Socket 1/2" with thin wall



- *material: premium flex chrome vanadium steel*
- *surface finish: chrome plated according to ISO 1456:2009*
- *intended for use where there is not enough place for working with standard socket wrenches*

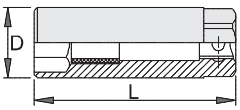
Important!

- *will not withstand torque according to DIN standard for standard socket wrenches*

		L	D1	D2			
620280	3/4"	38,5	23,9	23,9	61	4B	10
620281	5/8"	38,5	21,5	22,5	59	4B	10
620282	19	38,5	23,9	23,9	60	4B	10

3058/2

Spark plug socket 3/8" with thin wall



- *material: premium chrome vanadium steel*
- *surface finish: chrome plated according to ISO 1456:2009*
- *drop forged, entirely hardened and tempered*
- *intended for use where there is not enough space for working with standard wrenches for replacing spark plugs*
- *inside the socket inserted rubber ring for holding spark plug*

		D	L				
623215	16	20,9	65	19	80	4B	10
623216	18	22,3	65	22	92	4B	10
623217	21	25,6	65	19	111	4B	10

3059

Valve seal removal set for motorbikes

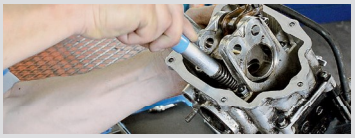
- *material: premium plus carbon steel, polyethylene*
- *surface finish: chrome plated according to ISO 1456:2009*
- *Dimension of box: 321 x 198 x 54*

Advantages:

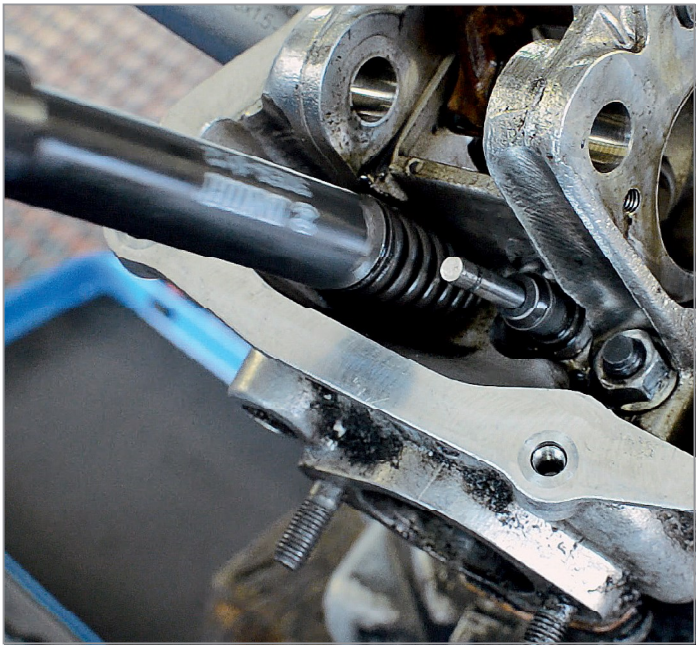
- *enables the removal of valve seals without removing the head of the motor*
- *accessories for assembling pins from fi 5mm to fi 9 mm*
- *the accessories cover the following dimensions of spark plugs M10x1, M12x1.25, M14x1.25 and M18x1.5*
- *accessories for removing pins diameter fi 8mm, fi 13 mm and fi 16 mm*
- *accessories for assembling seals fi 12 and fi 14mm*

Usage:

- *The individual piston is set into a lower position. In the place of the spark plug, an attachment for the pressure pipe is connected; the cylinder is filled with compressed air, which enables the valves to stay in the upper position.*
- *Find an appropriate attachment for pulling the pin, set it onto the cover of the spring, straighten the magnets with pins and press the springs by pushing with your hand.*
- *This enables the pins to be removed from the groove of the valve.*
- *Remove the cover and the springs.*
- *Take the vaive seal removal pliers art. 2201/2BI, pull out the seals, take the accessories for assembling the seals, place the new seals.*
- *Place back the springs and the cover; place the pins and use the accessories for assembling the pins to compress the springs by hand, which enables the placement of the pins back onto the valve.*
- *Repeat the same procedure on all other valves, then remove the accessories for the pressure pipe and repeat the procedure on the next cylinder*

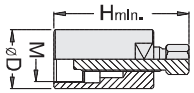


623219	2100	1G	1



3054/4

Flywheel puller with internal thread



- *material: premium plus carbon steel*
- *surface finish: blacken to standard DIN 50938*

Advantages:

- *allows flywheel removal on the motorcycle*
- *On the puller, there is an attachment for an open-end wrench, which should be hold the magnet*

Usage:

- *for removal of flywheels with external thread*

		D	H			
620270	M24 x 1,5	32	80	332	1E	1
620271	M26 x 1	34	80	353	1E	1
620272	M28 x 1	36	80	385	1E	1
620273	M30 x 1	38	80	417	1E	1
620274	M30 x 1,5	38	80	432	1E	1
620275	M35 x 1,5	45	90	666	1E	1
620276	M38 x 1,5	48	105	880	1E	1
620277	M50 x 1,5	60	105	1254	1E	1

3054.1/4

Crankshaft protector cap

- *material: premium plus carbon steel*
- *surface finish: blacken to standard DIN 50938*
- *M12x1,25 (it is part of puller M24x1,5)*
- *D12mm (it is part of puller M26x1)*
- *M14x1,25 (it is part of puller M28x1)*
- *M16x1,5 (it is part of puller M38x1,5)*

Advantages:

- *enables protection of the drive shaft by pulling flywheel*

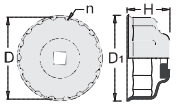
Usage:

- *The protector caps are screwed onto the motor's crankshaft and protect the crankshaft when the magnet is being removed. The protector caps are used when relatively small nuts are used to secure the magnet to the crankshaft. It is especially important to use the protector caps on engines where the lubrication system for lubricating the end bearings runs through the centre of the crankshaft (hollow crankshafts).*

		3054/4			
624225	M12 x 1,25	M24 x 1,5	37	1E	1
624226	D 12	M26 x 1	39	1E	1
624227	M14 x 1,25	M28 x 1	33	1E	1
624228	M16 x 1,5	M38 x 1,5	55	1E	1

1977/6

Oil-filter wrench



- *material: premium chrome vanadium steel*
- *lacquered*
- *for assembling or disassembling oil filters*
- *for oil filters in restricted access area*
- *used with ratchet 3/8" and proper extension bar*

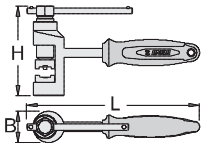
How to use the tool:

- *This tool comes in as many as 12 sizes, which can be used on the majority of standard car and motorbike oil filters on the market. Using it is simple as all that is needed is to place the appropriate tool on the filter and rotate it with ease. The tool can also be used when fitting oil filters as the design and material have been carefully selected so that the tool can withstand the maximum force applied to it. Because of the surface protection, the tool is highly resistant to scratches and damage as well as to atmospheric and chemical effects.*

	D	360°/n	D1	H			
620949	27	6	37.5	33.5	68	1E	1
620950	32	6	43.5	34.6	81	1E	1
620951	36	6	48.4	34.9	89	1E	1
619258	66	6	73	37	124	1E	1
619259	65	14	70.7	36.8	129	1E	1
620267	68	14			130	1E	1
620268	73	14			152	1E	1
619260	74	15	81	36	146	1E	1
619261	75 - 77	15	81.4	41.8	165	1E	1
620269	76	8			141	1E	1
619262	76	12	82	35	137	1E	1
620952	76	14	81.3	37	160	1E	1
619263	86	16	96	47.2	201	1E	1
619264	86	18	92	39.5	171	1E	1
619265	96	18	102	36.8	190	1E	1

3200/2BI

Chain breaker, press and riveting tool for motorbike



- *material: premium flex plus carbon steel*
- *surface finish: chrome plated to standard ISO 1456:2009*
- *ergonomic heavy duty double component handle*
- *Dimension of box: 321 x 198 x 54*

Usage:

- *for DID chains with graduation 520, 525, 530 and 532*
- *for Regina chains with graduation 520, 525, 530*
- *for RK chains with graduation 520, 525, 530 and 532*
- *compatible with most motorcycle drive chains*

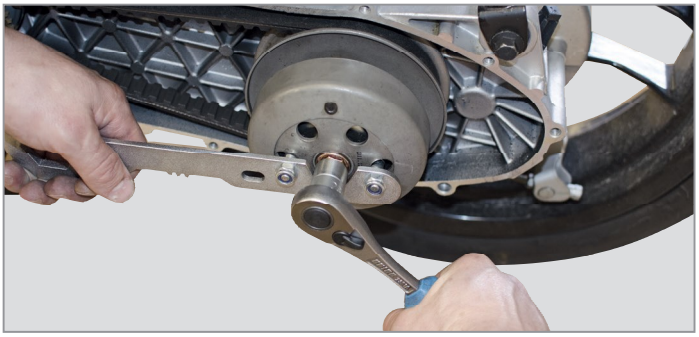
Disassembling the chain:

- *a robust set for disassembling a chain without any prior grinding of the pin*
- *select the appropriate pin (diameter Ø3, Ø4 or Ø5 mm) and bushing (Ø4 Ø5 or Ø6 mm) corresponding to the pin diameter on the chain*
- *insert the pin into the tool, then position the tool on the chain link and rotate the tool until the chain pin falls out*

Assembling the chain:

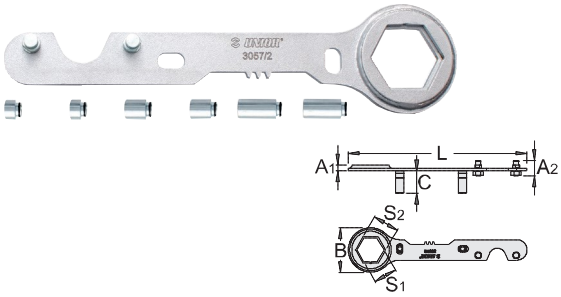
- *assemble the chain according to the manufacturer's instructions*
- *select an appropriate set of pressing adapters depending on the size of the plates (guide widths to 13.5 mm or 16 mm)*
- *position the set into the tool. Place the tool on the connecting chain link and press the link by rotating the riveting tool using the handle until the plates and the chain are tightly connected*
- *after the chain link and the plates have been successfully aligned, install the chain pin*
- *You can choose from 3 types of riveting pins (type A, B or C)*
- *place the riveting set into the tool and rotate the handle to cause a deformation of the head of the pin, so the diameter is between 5.5 to 5.8 mm as recommend the chain manufacturer's instructions*

	B	H	L			
623220	40	115	270	2490	1G	1



3057/2

Variator and clutch drive holder tool with ring wrench



- *material: premium plus carbon steel*
- *surface finish: chrome plated to standard ISO 1456:2009*

Advantages:

- *comes with 3 different lengths of accessories that cover several types of drives*

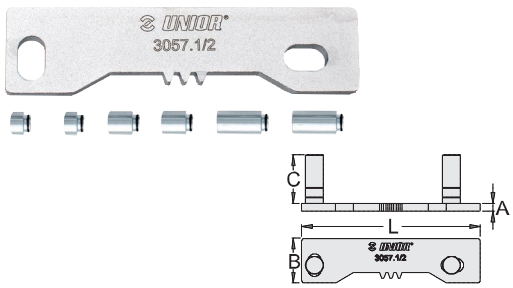
Usage:

- *for scooters PIAGGIO, GILERA 50-125ccm; water- and air-cooled*
- *has a triple function*
- *it is used as a block for the gear on the starter when untightening the front part of the drive*
- *accessories for holding the pot on the back part of the drive for untightening the nut*
- *wrench for untightening the inside nut of the back part of the drive*

	A1	A2	B	C	S1	S2	L			
623187	8	22	65	32,5	34	38	262	319	1Γ	10

3057.1/2

Universal variator holder tool



- *material: premium plus carbon steel*
- *surface finish: chrome plated to standard ISO 1456:2009*

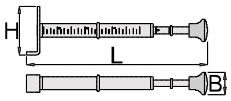
Usage:

- *it is used as a block for the gear on the starter when untightening the front part of the drive*
- *for scooters PIAGGIO, GILERA 50-125ccm; water- and air-cooled*

	A	B	C	L			
623188	5	30	32,5	120	150	1Γ	10

3201/2

Tool for controlling cam belt tension for motorcycle



- *material: premium plus carbon steel*
- *surface finish: chrome plated according to ISO 1456:2005*

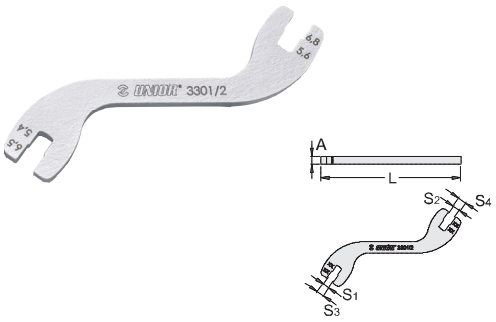
Usage:

- *it is used for the control of the tension of the drive belts*
- *Controlling tool is mounted onto the belt. On the marked part of the engine the belt is forced by hand to establish the sag of the belt so that it is in conformance with the pressure force of 45N and with the sag prescribed by motorbike producer*
- *used in accordance with the servicing instructions*
- *ergonomic handle*

	A	C	L			
620286	21	40,5	164	100	1G	1

3301/2

Spoke wrench for motorcycle



- *material: premium plus carbon steel*
- *surface finish: chrome plated according to ISO 1456:2005*

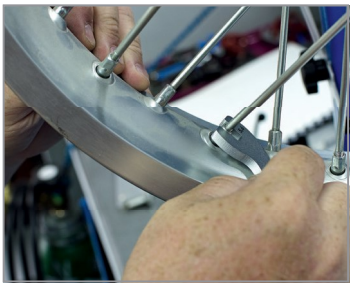
Advantages:

- *the ergonomic shape of the wrench enables simple access and great strength when tightening and unscrewing*

Usage:

- *the spoke wrench is used for tightening spoke nipples*

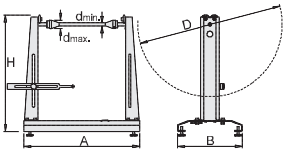
	S1	S2	S3	S4	L	A			
620296	5	6	6,3	7	111	6	71	4A	10
623186	5,4	5,6	6,5	6,8	111	6	71	4A	10



UNIOR

3302/6

Stand for motorcycle wheel alignment



- *material: premium plus carbon steel*
- *lacquered housing, other parts zinc plated*
- *the stand is intended mainly for use in motorbike repair services and for home users*

Advantages:

- *the stand has a spirit level for setting in a horizontal position*
- *it enables radial control of the rim position with a sensor*
- *The geometry of the callipers enables a simultaneous axial control for accurate truing of the rim.*
- *The stand enables fixing of cones to the axis that enable the centring of the wheel on its own bearings, thus preventing the possibility of centring errors.*
- *it has two positions for setting columns regarding the width of the hub*
- *the rotation of the axis on external bearings enables centring on the standard method*

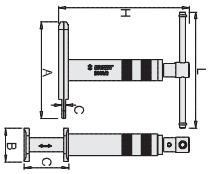
Usage:

- *Wheels with dimensions to max 32 inches can be centered.*
- *for axis dimensions of 12 to 36 mm*

	DT	d min	d max	A	B	H			
620297	32"	12	36	500	280	525	9600	1G	1

3303/2

Disc spreader for motorcycle



- *material: premium plus carbon steel*
- *surface finish: chrome plated to standard ISO 1456:2009*

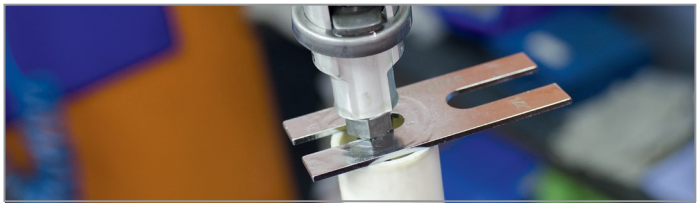
Important!

- *For compressing double or triple brake pistons, we leave the used brake pads in the brake housing. This will prevent one of the pistons being pushed from the housing.*
- *after compressing replace the worn out brake pads with the new one*

Usage:

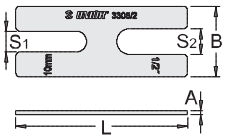
- *The tool is used for compressing brake pistons when replacing brake pads. The tool is useful for compressing single, double and triple brake pistons The tool enables quick and easy pressing of brake pistons back into the housing without additional damage to the piston or the housing.*

	L	A	B	C	C			
620298	120	100	35	4	45	507	1G	1



3305/2

Holding tool for cartridge rod of shock absorbers for motorbikes



- *material: premium plus carbon steel*
- *surface finish: chrome plated according to ISO 1456:2009*

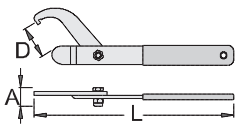
Usage:

- *Tool is used when replacing bushings, seals and oil of front shock absorbers.*
- *The tool is inserted between the housing and the nut and keeps us at the top of the shock absorber by assembling and disassembling.*

	A	B	L	S1	S2			
623246	2	35	85	10,3	12,7	34	1E	10

3401/2P

Flexible hook wrench for motorbikes



- *material: premium plus carbon steel*
- *surface finish: chrome plated according to ISO 1456:2009*
- *plastic dipped handle*

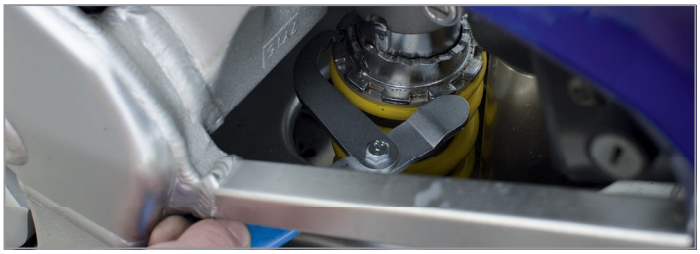
Advantages:

- *the slim version of the wrench enables the setting of slim toothed nuts*

Usage:

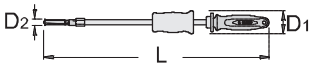
- *for operate setting the telescopes of motorbikes and scooters*
- *from diameter 32 till 60 mm*

	A	D	DT	L				
620413	20	32	60	220	180	186	4B	10



689/2BI

Inner bearing puller



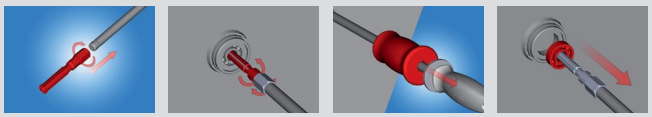
- *material: premium chrome vanadium steel*
- *drop forged, entirely hardened and tempered*
- *surface finish: chrome plated according to ISO 1456:2009*
- *ergonomic heavy duty double component handle*

Advantages:

- *Set includes 6 pcs of arm for inner bearing dimensions 6.5-8,10-12, 12-15, 17-20, 22-28, 30-36*

Usage:

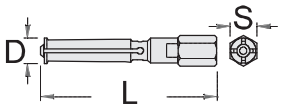
- *It is used for pulling different types of bearings. The bearing is gripped from the inside side and pulled out.*
- *the bearing is extract with a 1 kg weight*



	D1	D2↓	D2↑	L↓	L↑			
622587	52	6,5	36	495	555	3300	1G	1

689.1/4

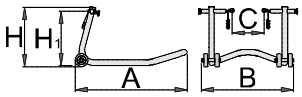
Arm for 689/2BI



	D	L	S			
623089	6,5 - 8	81	14	38	1E	1
623090	10 - 12	83	14	53	1E	1
623091	12 - 15	92	14	65	1E	1
623092	17 - 20	102,5	14	125	1E	1
623093	22 - 28	125	17	269	1E	1
623094	30 - 36	140	22	525	1E	1

3000/6

Front stand for motorcycle



- *material: constructional steel*
- *coated with eco colour of Qualicoat quality standard*
- *adaptors are chrome plated according to ISO 1456:2009*

Advantages:

- *adjustable to the width of the front fork of the motorcycle from 180 to 250mm*
- *strong construction enables load capacity up to 200kg*
- *quick-change adaptors and setting stands*
- *reliable and safe lifting of motorcycle*

Usage:

- *the stand is used for servicing and garaging motorcycles*
- *it is suitable for almost all type of motorbikes*

	A	B	C	H	H1			
620259	705	610	170 - 250	345	310	5800	1V	1

3001/6A

Rear stand for motorcycle with universal adaptor

- *material: constructional steel*
- *coated with eco colour of Qualicoat quality standard*
- *adaptors are chrome plated according to ISO 1456:2009*

Advantages:

- *adjustable to the width of the rear fork of the motorcycle from 270 to 360mm*
- *adaptors are PVC coated*
- *strong construction enables load capacity up to 200kg*
- *quick-change adaptors and setting stands*
- *reliable and safe lifting of motorcycle*

Usage:

- *the stand is used for servicing and garaging motorcycles*

620260	5200	1V	1

UNIOR

3001/6B

Rear stand for motorcycle with V adaptor

- *material: constructional steel*
- *coated with eco colour of Qualicoat quality standard*
- *adaptors are chrome plated according to ISO 1456:2009*

Advantages:

- *adjustable to the width of the rear fork of the motorcycle from 270 to 360mm*
- *strong construction enables load capacity up to 200kg*
- *quick-change adaptors and setting stands*
- *reliable and safe lifting of motorcycle*

Usage:

- *the stand is used for servicing and garaging motorcycles*
- *it is suitable for almost all type of motorbikes*

624300	4700	1V	1

3001.3

Base for stand 3000/6 and 3001/6

- *material: constructional steel*
- *coated with eco colour of Qualicoat quality standard*

Advantages:

- *strong construction enables load capacity up to 200kg*
- *quick-change adaptors and setting stands*
- *it`s suitable for use with various adaptors*

Usage:

- *Use together with adapters 3000.1, 3001.1 and 3001.2*

624328	4200	1V	1

3000.1

Adaptor for front stand

- *material: constructional steel*
- *surface finish: chrome plated according to ISO 1456:2009*

Advantages:

- *quick-change adaptors and setting stands*
- *reliable mounting into the groove of the motorcycle front fork*

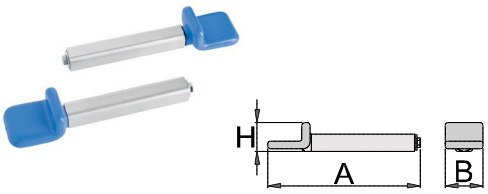
Usage:

- *for mounting into the groove of the motorcycle front fork*
- *it is suitable for almost all type of motorbikes*
- *use together with base 3001.3*

624325	1400	1V	1

3001.1

Universal adaptor for rear stand



- *material: constructional steel*
- *surface finish: chrome plated according to ISO 1456:2009*

Advantages:

- *adaptors are PVC coated*
- *quick-change adaptors and setting stands*
- *reliable mounting into the groove of the motorcycle front fork*

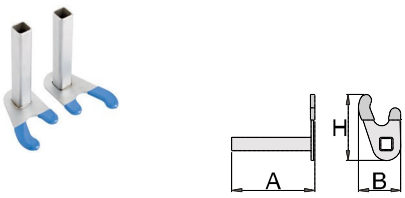
Usage:

- *mounting on the rear swinging arm of the motorcycle*
- *it is suitable for almost all type of motorbikes*
- *use together with base 3001.3*

	A	B	H			
624326	178	44	33	893	1V	1

3001.2

V adaptor for rear stand



- *material: constructional steel*
- *surface finish: chrome plated according to ISO 1456:2009*

Advantages:

- *quick-change adaptors and setting stands*
- *reliable mounting into the groove of the motorcycle front fork*

Usage:

- *reliable mounting on side pin of the rear swinging arm of the motorcycle*
- *it is suitable for almost all type of motorbikes*
- *use together with base 3001.3*

	A	B	H			
624327	124	63	98	440	1V	1

3700

Scooter tool set

By using the tool set, you can disassemble:

- *the entire shield (plastic parts)*
- *most parts of the frame*

Engine parts like:

- *replacing spark plugs*
- *changing oil in the transmissions (of the gearbox)*
- *disassembling various engine bonnets*
- *disassembling brakes and replacing brake pads*

621893	47	2000	1C	1

188/2 6p (4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14), **187/2HX** (3, 4, 5, 6, 7), **187/2PH** (PH 1, PH 2, PH 3), **187/2TX** (TX 8, TX 10, TX 15, TX 25, TX 27, TX 30, TX 40), **187/2SL** (0.8 x 4 x 0.8, 1,0 x 5,5 x 1, 1,2 x 7 x 1.2), **238.1/1ABI** (3/8"), **188.3/2** (1/4"), **188.4/2** (1/4" x 150, 1/4" x 55), **188.6/2** (1/4"), **188.8** (1/4"), **238/1 6p** (15, 16, 17, 18, 19), **238.7/1** (3/8" - 1/4"), **186.4/2** (21), **236/2HX** (8, 10), **110/1** (13 x 17), **981PBS2** (307 x 260 x 55)

3700PRO

Scooter tool set

By using the tool set, you can disassemble:

- *the entire shield (plastic parts)*
- *most parts of the frame*

Engine parts like:

- *replacing spark plugs*
- *changing oil in the transmissions (of the gearbox)*
- *disassembling various engine bonnets*
- *disassembling brakes and replacing brake pads*
- *changing brake fluid*
- *disassembling wheels*
- *for various suspensions and holders*

621906	56	3200	1C	1

188/2 6p (4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14), **187/2HX** (3, 4, 5, 6, 7), **187/2PH** (PH 1, PH 2, PH 3), **187/2TX** (TX 8, TX 10, TX 15, TX 25, TX 27, TX 30, TX 40), **187/2SL** (0.8 x 4 x 0.8, 1,0 x 5,5 x 1, 1,2 x 7 x 1.2), **188.1/1ABI** (1/4"), **188.3/2** (1/4"), **188.4/2** (1/4" x 150, 1/4" x 55), **238.4/2** (3/8" x 75), **188.6/2** (1/4"), **188.8** (1/4"), **238/1 6p** (15, 16, 17, 18, 19, 20, 21, 22), **190/1 6p** (24), **186.4/2** (21), **236/2HX** (8, 10), **238.1/1ABI** (3/8"), **238.6/1** (3/8"), **238.7/1** (3/8" - 1/2"), **120/1** (8, 10, 13), **981PB4** (393 x 331 x 95)

964MOTO1

Set of motorbike tools in SOS tool tray

940E
940EV
920PLUS
3/3
564 x 364 x 30

624979	6	3500	1F	1

2202.1/2 (17, 21, 25), **3050/2BI** (40 x 130), **3051/2BI, 3052/2BI, VL964MOTO1** (564 x 364 x 30)

964MOTO2

Set of motorbike tools in SOS tool tray

940E
940EV
920PLUS
3/3
564 x 364 x 30

624980	14	6800	1F	1

3054/4 (M24 x 1,5, M26 x 1, M28 x 1, M30 x 1, M30 x 1,5, M35 x 1,5, M38 x 1,5, M50 x 1,5), **3054.1/4, 3055/4A, 3055/4B** (M16 x 1,5 x M18 x 1,5 x M20 x 1,5 x M22 x 1,5), **VL964MOTO2** (564 x 364 x 30)

964MOTO3

Set of motorbike tools in SOS tool tray

Advantages:

- *enables the removal of valve seals without removing the head of the motor*
- *accessories for assembling pins from fi 5mm to fi 9 mm*
- *the accessories cover the following dimensions of spark plugs M10x1, M12x1.25, M14x1.25 and M18x1.5*
- *accessories for removing pins diameter fi 8mm, fi 13 mm and fi 16 mm*
- *accessories for assembling seals fi 12 and fi 14mm*

Usage:

- *The individual piston is set into a lower position. In the place of the spark plug, an attachment for the pressure pipe is connected; the cylinder is filled with compressed air, which enables the valves to stay in the upper position.*
- *Find an appropriate attachment for pulling the pin, set it onto the cover of the spring, straighten the magnets with pins and press the springs by pushing with your hand.*
- *This enables the pins to be removed from the groove of the valve.*
- *Remove the cover and the springs.*
- *Take the valve seal removal pliers art. 2201/2BI, pull out the seals, take the accessories for assembling the seals, place the new seals.*
- *Place back the springs and the cover; place the pins and use the accessories for assembling the pins to compress the springs by hand, which enables the placement of the pins back onto the valve.*
- *Repeat the same procedure on all other valves, then remove the accessories for the pressure pipe and repeat the procedure on the next cylinder*

624981	1	1000	1F	1

3059, VL964MOTO3 (188 x 364 x 30)

964MOTO4

Set of motorbike tools in SOS tool tray

- *material: premium flex plus carbon steel*

Usage:

- *for DID chains with graduation 520, 525, 530 and 532*
- *for Regina chains with graduation 520, 525, 530*
- *for RK chains with graduation 520, 525, 530 and 532*
- *compatible with most motorcycle drive chains*

Disassembling the chain:

- *a robust set for disassembling a chain without any prior grinding of the pin*
- *select the appropriate pin (diameter Ø3, Ø4 or Ø5 mm) and bushing (Ø4 Ø5 or Ø6 mm) corresponding to the pin diameter on the chain*
- *insert the pin into the tool, then position the tool on the chain link and rotate the tool until the chain pin falls out*

Assembling the chain:

- *assemble the chain according to the manufacturer's instructions*
- *select an appropriate set of pressing adapters depending on the size of the plates (guide widths to 13.5 mm or 16 mm)*
- *position the set into the tool. Place the tool on the connecting chain link and press the link by rotating the riveting tool using the handle until the plates and the chain are tightly connected*
- *after the chain link and the plates have been successfully aligned, install the chain pin*
- *You can choose from 3 types of riveting pins (type A, B or C)*
- *place the riveting set into the tool and rotate the handle to cause a deformation of the head of the pin, so the diameter is between 5.5 to 5.8 mm as recommend the chain manufacturer's instructions*

624982	1	1040	1F	1

3200/2BI, VL964MOTO4 (188 x 364 x 30)

964MOTO5

Set of motorbike tools in SOS tool tray

624983	5	1000	1F	1

192/2HX (17, 19, 22, 24), **3600/2BI** (4,2)

964MOTO6

Set of motorbike tools in SOS tool tray

624984	13	1500	1I	1

186.4/2A (14), **1977/6** (65 x 14, 68 x 14, 73 x 14, 76 x 8, 76 x 12, 76 x 14), **3056/2** (3/4", 5/8", 19), **3058/2** (16, 18, 21), **VL964MOTO6** (188 x 364 x 30)

964MOTO7

Set of motorbike tools in SOS tool tray

624985	3	700	1F	1

3057/2, 3057.1/2, 3201/2, VL964MOTO7 (188 x 364 x 30)

964MOTO8

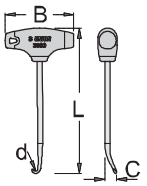
Set of motorbike tools in SOS tool tray

624986	5	1076	1I	1

3301/2 (5 x 6 x 6,3 x 7, 5,4 x 5,6 x 6,5 x 6,8), **3305/2, 3303/2, 3401/2P, VL964MOTO8** (188 x 364 x 30)

3600/2BI

Spring hook



- *material: blade from premium hard chrome vanadium steel*
- *ergonomic heavy duty double component handle*

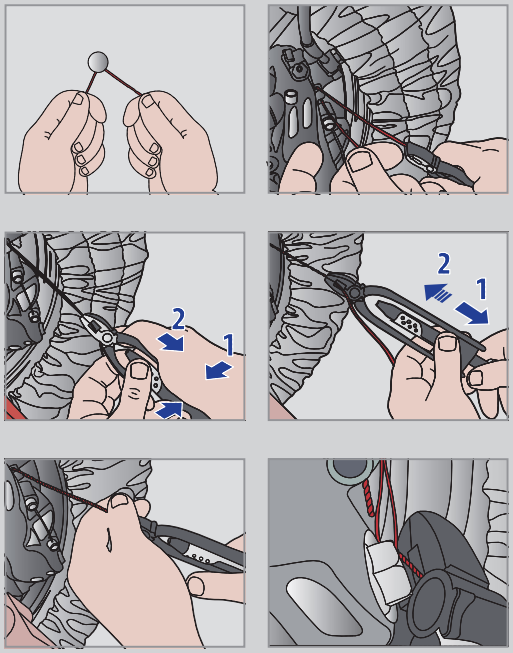
Usage:

- *Tool is used for assembling and disassembling springs (spring for support legs, seat and reservoir, by exhaust systems, as assistance in assembling the chain of the cam shaft, etc)*
- *all types of motorbikes*

	d	C	B	L			
620411	4,2	130	80	170	67	4B	10

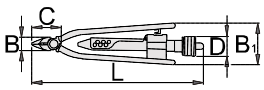
UNIOR

516/4



516/4

Safety wire twisting pliers



- *Safety twist plier is a versatile tool to help you to do reliable safety wiring (lock wiring) rapidly and consistently.*
- *Safety wiring remains the most positive and assured method of securing critical fasteners that must not be allowed to back out: any tendency of the fastener to loosen is counter acted by tightening of the safety wire.*
- *twisting and cutting capacity:*
- *0.5mm dia stainless wire without heat treated*
- *0.8mm (Dia.) soft wire*

- *Usage:*
- *Twisting of bolts, oil caps, drain cocks, valves and single twist electrical connectors*

	L	B	B1	C	D			
627530	213	19	49	40	24	250	1G	10