



PREMIUM-WERKZEUGE



PREMIUM TOOLS



# PNEUMATIC TOOLS

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## IMPACT WRENCHES



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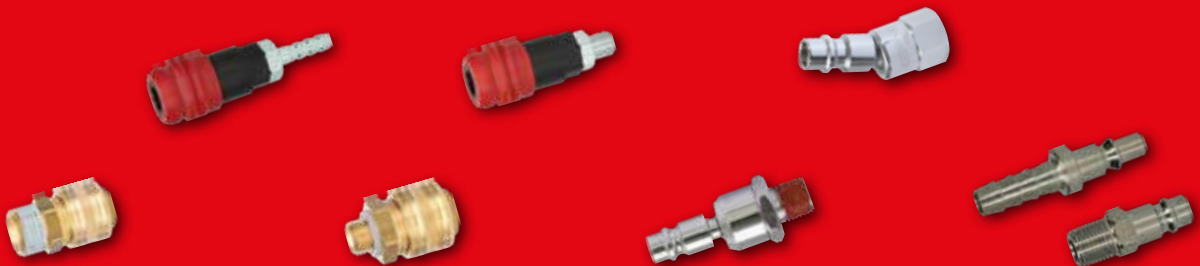
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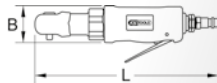
## REVERSIBLE RATCHET

### SLIMPOWER MINI-PNEUMATIC REVERSING RATCHET

- With ratchet head reversing lever (clockwise and anticlockwise)
- Easy operation
- Stepless speed regulation
- Vibration dampened
- Very compact construction

#### Technical data:

Max. tightening torque:	30 Nm
Max. loosening torque:	30 Nm
No load current:	300 r.p.m.
Vibration acceleration:	< 4,3 m/s <sup>2</sup>
Noise performance level:	98,1 dbA
Noise pressure level:	87,1 dbA
Recommended torque:	25 Nm
Air consumption:	240 l/min
Operating pressure:	max. 6,3 bar (90 psi)
Min. tube diameter:	3/8" - 10 mm
Connection thread:	1/4"NPT



**slimPOWER**

	Square drive	B mm	L mm	kg	
<b>515.5505</b>	1/4"	35,5	135,0	400	€ 118, <sup>90</sup>
<b>515.5510</b>	3/8"	35,5	135,0	400	€ 118, <sup>90</sup>
<b>515.5515</b>	1/2"	35,5	135,0	400	€ 133, <sup>90</sup>



### MONSTER HIGH-PERFORMANCE PNEUMATIC REVERSING RATCHET

- recoilless, gentle on wrists
- With ratchet head reversing lever (clockwise and anticlockwise)
- Ultra light robust housing special plastic
- Number of revolutions adjustable through regulating screw

#### Technical data:

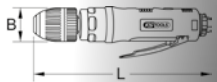
Max. tightening torque:	81 Nm
Max. loosening torque:	81 Nm
No load current:	300 r.p.m.
Vibration acceleration:	< 4,51 m/s <sup>2</sup>
Noise performance level:	103,6 dbA
Noise pressure level:	92,6 dbA
Air consumption:	60,3 l/min
Recommended torque:	60 Nm
Operating pressure:	max. 6,3 bar (90 psi)
Min. tube diameter:	3/8" - 10 mm
Connection thread:	1/4"PT



## DIE & ANGLE DRILLING MACHINES

### SLIMPOWER MINI-PNEUMATIC STRAIGHT DRILL

- Straight design
- With quick-action drill chuck clamping width 0,6 - 6,0mm
- For hard to reach places
- Ideally suited for car bodywork and industrial working
- Stepless speed regulation



#### Technical data:

	515.5520	515.5435
Chuck capacity:	0,6 - 6	1 - 10
Chuck thread reception:	3/8" x 24 UNF	3/8" x 24 UNF
Capacity:	186 Watt	370 Watt
No load current:	7000 r.p.m.	4000 r.p.m.
Vibration acceleration:	< 3,3 m/s <sup>2</sup>	< 2,8 m/s <sup>2</sup>
Noise performance level:	97,4 dbA	101,7 dbA
Noise pressure level:	86,4 dbA	90,7 dbA
Air consumption:	240 l/min	350 l/min
Min. tube diameter:	3/8" - 10 mm	3/8" - 10 mm
Operating pressure:	max. 6,3 bar (90 psi)	max. 6,3 bar (90 psi)
Connection thread:	1/4"NPT	1/4"NPT

	B mm	L mm	kg	
<b>515.5520</b>	35,5	145,0	400	€ 133, <sup>90</sup>
<b>515.5435</b>	46,0	225,0	900	€ 133, <sup>90</sup>

### SLIMPOWER MINI-PNEUMATIC ANGLE DRILL

- With gear rim drill chuck – span width 1 – 6,5mm
- For hard to reach places
- Ideally suited for car body work
- Stepless speed regulation
- Vibration dampened through double bearing guides



#### Technical data:

	515.5525	515.5465
Chuck capacity:	0,6 - 6	1 - 10
Chuck thread reception:	3/8" x 24 UNF	3/8" x 24 UNF
Capacity:	186 Watt	370 Watt
No load current:	5000 r.p.m.	1900 r.p.m.
Vibration acceleration:	< 6,6 m/s <sup>2</sup>	< 3,5 m/s <sup>2</sup>
Noise performance level:	99,3 dbA	101,9 dbA
Noise pressure level:	88,3 dbA	90,9 dbA
Air consumption:	240 l/min	350 l/min
Min. tube diameter:	3/8" - 10 mm	3/8" - 10 mm
Operating pressure:	max. 6,3 bar (90 psi)	max. 6,3 bar (90 psi)
Connection thread:	1/4"NPT	1/4"NPT

	B mm	L mm	kg	
<b>515.5525</b>	90,0	145,0	700	€ 133, <sup>90</sup>
<b>515.5465</b>	115,0	205,0	1070	€ 133, <sup>90</sup>



## SPOT WELD DRILLING MACHINES

### FASTDRILL PNEUMATIC SPOT WELD DRILL SET

- Special drive for high torque
- Suitable for continuous duty
- Ideally suited for internal and external spot welds
- For carbide spot weld drills
- Very substantial guide

3  
pcs



630,50 €

#### Technical data:

Drive in mm	8 mm
Capacity:	280 Watt
No load current:	1000 r.p.m.
Vibration acceleration:	< 0,72 m/s <sup>2</sup>
Noise performance level:	95,4 dbA
Noise pressure level:	82,4 dbA
Air consumption:	340 l/min
Operating pressure:	6 bar
Min. tube diameter:	3/8" - 10 mm
Connection thread:	1/4"PT



515.1310

3 pcs

2,40

### PNEUMATIC SMART-REPAIR DENT PULLER SET

- Suitable for repairing small dents or bumps
- No filling or painting work
- Allows the flexible removal of the dent and provides the best results
- Includes pneumatic dent puller
- With 10 different beating pads

12  
pcs



399,50 €



140.2520

12 pcs

1,48

## HAMMERING TOOLS

### PNEUMATIC VACUUM DENT PULLER SET

- Ideal for processing bumps in bodywork
- A vacuum creates an underpressure and the suction disks stick to the bodywork allowing dents to be easily pulled out
- Pneumatic regulation via ball valve
- Includes 3 exchangeable suction discs and 1 pull hook
- Special tool steel

5  
pcs



223,90 €

#### Technical data:

Operating pressure:	6 - 8 bar
Min. tube diameter:	1/4" - 6,35 mm
Connection thread:	1/4"
Slide hammer weight:	1,2 kg
Removal power:	bis zu 100 Kg



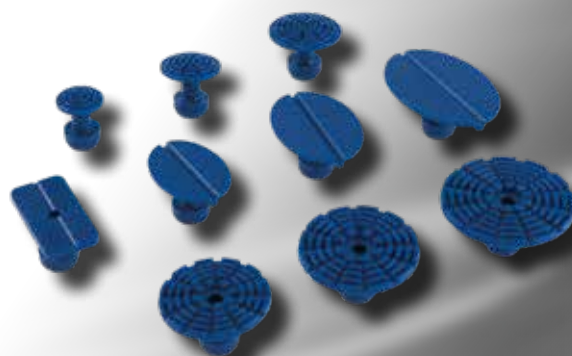
140.2080

5 pcs

4,50

### GLUEPADS FOR HAMMERING TOOLS

- Suitable for repairing small dents or bumps
- No filling or painting work
- Allows the flexible removal of the dent and provides the best results
- For use alongside a planishing tool



Pcs



140.2505	5	Gluepad, round, flat, Ø 40 mm, pack of 5	25	€	11,90
140.2515	5	Gluepad, round, flat, Ø 35 mm, pack of 5	20	€	11,90
140.2525	5	Gluepad, round, flat, Ø 32 mm	20	€	11,90
140.2535	5	Gluepad, round / spherically Ø 25 mm, pack of 5	15	€	11,90
140.2545	5	Gluepad, round / spherically Ø 20 mm, pack of 5	15	€	11,90
140.2555	5	Gluepad, round / spherically Ø 15 mm, pack of 5	10	€	11,90
140.2565	5	Gluepad, elliptical, flat, 48 x 33 mm, pack of 5	25	€	11,90
140.2575	5	Gluepad, elliptical, flat, 40 x 27 mm, pack of 5	20	€	11,90
140.2585	5	Gluepad, elliptical, flat, 33 x 17 mm, pack of 5	15	€	11,90
140.2595	5	Gluepad, rectangular, 32 x 17 mm, pack of 5	15	€	11,90

## PIN & DIE GRINDERS

### PNEUMATIC PENCIL GRINDER, 70.000 RPM

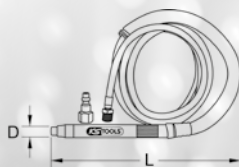
- Straight design
- Ideal for carbide, corundum and tungsten carbide burs
- For working in hard to access areas
- Very handy and compact construction
- Suitable for different repair works



**211,<sup>90</sup> €**

#### Technical data:

Hose length:	1 m
Tube diameter:	5 mm
Chuck capacity:	3 mm
Capacity:	150 KW
No load current:	70000 r.p.m.
Vibration acceleration:	< 0,80 m/s <sup>2</sup>
Noise performance level:	86 dbA
Noise pressure level:	74 dbA
Air consumption:	140 l/min
Operating pressure:	max. 6,3 bar (90 psi)
Min. tube diameter:	1/4" - 6,35 mm
Connection thread:	1/4"PT



	D mm	L mm	
<b>515.3198</b>	16,0	132,0	330

### PNEUMATIC DIE GRINDER

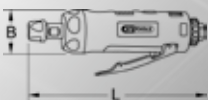
- Vibration dampened
- For HM mills, mini cutting discs and grinding heads with a 6 mm shaft
- Ideal for grinding, polishing and engraving work
- For working in hard to access areas
- Very handy and compact construction



**66,<sup>50</sup> €**

#### Technical data:

Chuck:	6 mm
Capacity:	370 Watt
No load current:	23000 r.p.m.
Vibration acceleration:	< 2,0 m/s <sup>2</sup>
Noise performance level:	101,1 dbA
Noise pressure level:	90,1 dbA
Air consumption:	350 l/min
Operating pressure:	max. 6,3 bar (90 psi)
Min. tube diameter:	3/8" - 10 mm
Connection thread:	1/4"NPT



	B mm	L mm	
<b>515.5410</b>	45,0	188,0	620

### SLIMPOWER MINI-PNEUMATIC DIE GRINDER, STRAIGHT

- Very compact construction
- For HM mills, mini cutting discs and grinding heads with a 6 mm shaft
- Ideal for grinding, polishing and engraving work
- Stepless speed regulation
- For working in hard to access areas



**79,<sup>50</sup> €**

#### Technical data:

Chuck:	6 mm
Capacity:	220 Watt
No load current:	25000 r.p.m.
Vibration acceleration:	< 2,6 m/s <sup>2</sup>
Noise performance level:	95,6 dbA
Noise pressure level:	84,6 dbA
Air consumption:	283 l/min
Operating pressure:	max. 6,3 bar (90 psi)
Min. tube diameter:	3/8" - 10 mm
Connection thread:	1/4"NPT



	B mm	L mm	
<b>515.5530</b>	35,0	123,0	300

### LONG SHAFT DIE GRINDER

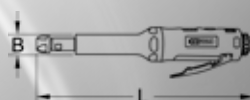
- For HM mills, mini cutting discs and grinding heads with a 6 mm shaft
- Ideal for grinding, polishing and engraving work
- For working in deep lying areas
- Stepless speed regulation
- Ultra light robust housing special plastic



**145,<sup>50</sup> €**

#### Technical data:

Chuck:	6 mm
Capacity:	370 Watt
No load current:	23000 r.p.m.
Vibration acceleration:	< 2,4 m/s <sup>2</sup>
Noise performance level:	102,6 dbA
Noise pressure level:	91,6 dbA
Air consumption:	350 l/min
Operating pressure:	max. 6,3 bar (90 psi)
Min. tube diameter:	3/8" - 10 mm
Connection thread:	1/4"NPT

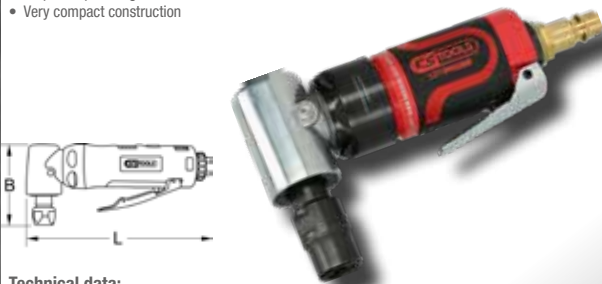


	B mm	L mm	
<b>515.5415</b>	26,0	350,0	1150



## SLIMPOWER MINI-PNEUMATIC ANGLED DIE GRINDER

- For HM mills, mini cutting discs and grinding heads with a 6 mm shaft
- Ideal for grinding, polishing and engraving work
- For working in hard to access areas
- Stepless speed regulation
- Very compact construction



### Technical data:

Chuck:	6 mm
Capacity:	220 Watt
No load current:	19000 r.p.m.
Vibration acceleration:	< 3,5 m/s <sup>2</sup>
Noise performance level:	97,9 dbA
Noise pressure level:	86,9 dbA
Air consumption:	283 l/min
Operating pressure:	max. 6,3 bar (90 psi)
Min. tube diameter:	3/8" - 10 mm
Connection thread:	1/4"NPT

**118,90** €

**slimPOWER**

	B mm	L mm	Weight
<b>515.5535</b>	75,0	123,0	300

## SLIMPOWER MINI-PNEUMATIC ANGLED DIE GRINDER

- For HM mills, mini cutting discs and grinding heads with a 6 mm shaft
- Ideal for grinding, polishing and engraving work
- For working in hard to access areas
- Stepless speed regulation
- Very compact construction



### Technical data:

Chuck:	6 mm
Capacity:	220 Watt
No load current:	18000 r.p.m.
Vibration acceleration:	< 6,5 m/s <sup>2</sup>
Noise performance level:	97,8 dbA
Noise pressure level:	86,8 dbA
Air consumption:	283 l/min
Operating pressure:	max. 6,3 bar (90 psi)
Min. tube diameter:	3/8" - 10 mm
Connection thread:	1/4"NPT

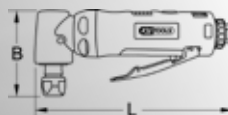
**170,50** €

**slimPOWER**

	B mm	L mm	Weight
<b>515.5540</b>	70,0	270,0	700



**133,90** €



	B mm	L mm	Weight
<b>515.5420</b>	85,0	200,0	780

## PNEUMATIC ANGLED DIE GRINDER

- For HM mills, mini cutting discs and grinding heads with a 6 mm shaft
- Ideal for grinding, polishing and engraving work
- For one handed operation with ergonomic design
- Ultra light robust housing special plastic
- For working in hard to access areas

### Technical data:

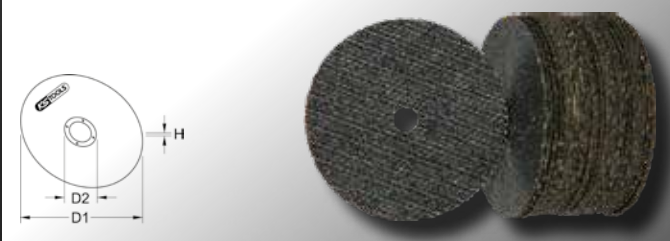
Angle size:	80 mm
Chuck:	6 mm
Capacity:	370 Watt
No load current:	18000 r.p.m.
Vibration acceleration:	< 4,4 m/s <sup>2</sup>
Noise performance level:	101 dbA
Noise pressure level:	90,0 dbA
Air consumption:	350 l/min
Operating pressure:	max. 6,3 bar (90 psi)
Min. tube diameter:	3/8" - 10 mm
Connection thread:	1/4"NPT



## HIGH PERFORMANCES THIN CUTTING DISK

- Exact and clean cut
- No deburring necessary
- Very short cutting times
- Machine load reduced

Ideal for use in very thin materials until 2.5 mm, tool steel, sheet metal, thin walled pipes and profiles all type suited for locksmiths, car body building, sanitary and heating fitting, plumbing, sheet metal processing, carpentry, joinery, roofing, metal processing and all motor vehicles businesses.



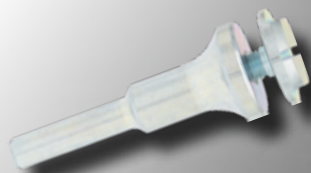
	Rpm max.	D1 mm	D2 mm	Height mm	Content	Weight	Price
<b>337.2005</b>	13300	50,0	6,0	1,0	25	100	€ 35,50
<b>515.5056</b>	30600	50,0	10	1,1	50	650	€ 66,50
<b>515.5057</b>	20100	75,0	10	1,5	50	710	€ 106,90

## ROD GRINDER ACCESSORIES

### CLAMPING MANDREL

- High performances thin disks
- Special tool steel

**20,50** €

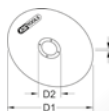


	Shaft	profile	Weight
<b>515.3017</b>	6,0	round	72

### REINFORCED GRINDING DISC

- For universal usage
- High level of flexibility
- Consistent high cutting power

Ideal for use in metal and stainless steel.



**100,50** €

	Rpm max.	D1 mm	D2 mm	Height mm	Content	Weight
<b>515.5058</b>	22000	59,0	9,56	4,0	25	600

\*This is an limited special price offer - only until stocks last.

All prices are ex. VAT. With the release of this leaflet all previous prices became invalid. Sold only in specialist stores. Print mistakes, errors and technical alterations excepted. Prices valid up to 30.09.2023

## GRINDING MACHINES

### SLIMPOWER MINI-PNEUMATIC GRINDING MACHINE

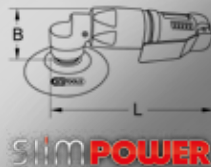
- Angled design
- For one hand operation
- Ideal for curved cutting
- For working in hard to access areas
- Very compact construction



**163,<sup>90</sup> €**

#### Technical data:

Capacity:	220 Watt
No load current:	19000 r.p.m.
Sponge diameter:	50 + 75 mm
Polishing sponge diameter:	46 mm
Vibration acceleration:	< 3,5 m/s <sup>2</sup>
Noise performance level:	96,8 dbA
Noise pressure level:	85,8 dbA
Air consumption:	283 l/min
Min. tube diameter:	3/8" - 10 mm
Operating pressure:	max. 6,3 bar (90 psi)
Connection thread:	1/4"NPT



**SLIMPOWER**

	B mm	L mm	⚖
<b>515.5585</b>	40,0	120,0	300

### SLIMPOWER MINI-PNEUMATIC GRINDING MACHINE FOR SMALL PADS

- Angled design
- For one hand operation
- Ideal for curved cutting
- For working in hard to access areas
- For screw in pads with 26.7 mm diameter



**133,<sup>90</sup> €**

#### Technical data:

No load current:	19000 r.p.m.
Vibration acceleration:	< 3,5 m/s <sup>2</sup>
Noise performance level:	96,8 dbA
Noise pressure level:	85,8 dbA
Air consumption:	283 l/min
Min. tube diameter:	3/8" - 10 mm
Operating pressure:	max. 6,3 bar (90 psi)
Connection thread:	1/4"NPT



**SLIMPOWER**

	B mm	L mm	⚖
<b>515.5570</b>	65,0	120,0	300

### GRINDING DISC

- With Velcro receiver
- With internal thread receiver



	Ø mm		Pcs	⚖	
<b>515.5101</b>	46,0	flexible	5	275	€ 79, <sup>50</sup>
<b>515.5102</b>	75,0	flexible	5	125	€ 79, <sup>50</sup>
<b>515.5103</b>	46,0	rigid	5	55	€ 29, <sup>90</sup>

### GRINDING PADS

- For polishing rough surfaces made from wood, metal, varnish and natural stone
- For breaking edges



	Ø mm	Grit size	Pcs	⚖	
<b>515.5119</b>	50,0	320	10	16	€ 16, <sup>50</sup>
<b>515.5116</b>	75,0	320	10	19	€ 16, <sup>50</sup>
<b>515.5118</b>	50,0	400	10	16	€ 16, <sup>50</sup>
<b>515.5115</b>	75,0	400	10	19	€ 16, <sup>50</sup>
<b>515.5117</b>	50,0	600	10	16	€ 16, <sup>50</sup>
<b>515.5114</b>	75,0	600	10	19	€ 16, <sup>50</sup>

### GRINDING PADS

- For polishing rough surfaces made from wood, metal, varnish and natural stone
- For breaking edges
- With external thread receiver



	Ø mm	Grit size	Colour	Pcs	⚖	
<b>515.5071</b>	26,7	60	brown	10	10	€ 9, <sup>90</sup>
<b>515.5072</b>	26,7	80	brown	10	20	€ 16, <sup>50</sup>
<b>515.5073</b>	26,7	150	purple	10	20	€ 18, <sup>50</sup>
<b>515.5074</b>	26,7	300	blue	10	20	€ 18, <sup>50</sup>
<b>515.5075</b>	Strip Rad	26,7	black	10	25	€ 16, <sup>50</sup>



## SLIMPOWER MINI-PNEUMATIC GRINDING MACHINE FOR LARGE PADS

- Angled design
- Ideal for curved cutting
- For working in hard to access areas
- Stepless speed regulation
- For screw in pads with 50.0 mm diameter



**145,<sup>50</sup> €**

### Technical data:

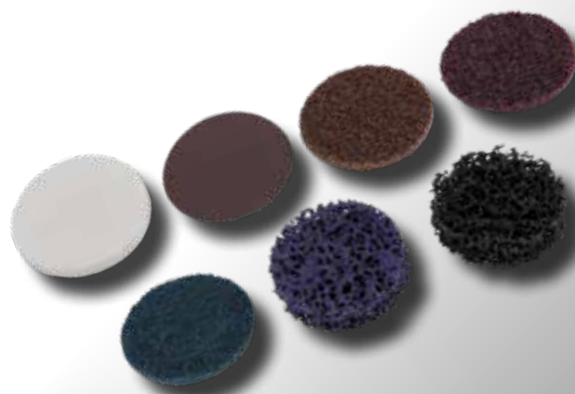
No load current: 19000 r.p.m.  
Vibration acceleration: < 3,5 m/s<sup>2</sup>  
Noise performance level: 96,8 dbA  
Noise pressure level: 85,8 dbA  
Air consumption: 283 l/min  
Min. tube diameter: 3/8" - 10 mm  
Operating pressure: max. 6,3 bar (90 psi)  
Connection thread: 1/4"NPT



	B mm	L mm	Ⓐ
<b>515.5580</b>	70,0	120,0	300

## GRINDING PADS

- For polishing rough surfaces made from wood, metal, varnish and natural stone
- For breaking edges
- With external thread receiver

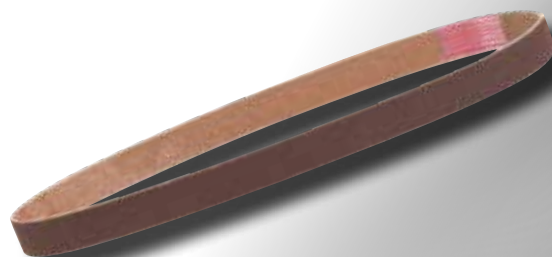


		Ø mm	Grit size	Colour	Pcs	Ⓐ	
<b>515.5081</b>	Scouring wool	50,0		white	10	60	€ 24, <sup>90</sup>
<b>515.5083</b>	Sand paper	50,0	80	brown	10	60	€ 27, <sup>90</sup>
<b>515.5084</b>	Sand paper	50,0	150	purple	10	60	€ 27, <sup>90</sup>
<b>515.5082</b>	Sand paper	50,0	240	brown	10	30	€ 27, <sup>90</sup>
<b>515.5085</b>	Sand paper	50,0	300	blue	10	60	€ 27, <sup>90</sup>
<b>515.5086</b>	Strip Rad	50,0		purple	10	100	€ 82, <sup>50</sup>
<b>515.5087</b>	Strip Rad	50,0		black	10	100	€ 36, <sup>50</sup>



## ABRASIVE BELTS FOR PNEUMATIC BELT GRINDERS

- Abrasive belts for pneumatic belt grinders 515.3549



	Grit size	Length mm	Pcs	Ⓐ	
<b>515.3551</b>	80	330	10	60	€ 27, <sup>90</sup>
<b>515.3552</b>	100	330	10	80	€ 27, <sup>90</sup>
<b>515.3553</b>	120	330	10	100	€ 27, <sup>90</sup>

## BELT SANDER

### PNEUMATIC BELT GRINDER

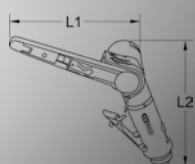
- Working head is 360° adjustable
- Adjustable for quick sanding belt change
- Ideal for narrow areas (10 mm belt width)
- Stepless speed regulation
- Light aluminium housing



**170,<sup>50</sup> €**

### Technical data:

Belt speed: 1188 m/min  
No load current: 18000 r.p.m.  
Vibration acceleration: < 1,01 m/s<sup>2</sup>  
Noise performance level: 81 dbA  
Noise pressure level: 73 dbA  
Air consumption: 142 l/min  
Min. tube diameter: 3/8" - 10 mm  
Operating pressure: max. 6,3 bar (90 psi)  
Connection thread: 1/4"PT



	L1 mm	L2 mm	Ⓐ
<b>515.3549</b>	150,0	170,0	800

## RANDOM ORBIT SANDERS

### MINI ORBIT SANDER

- For hard to reach places and improvement work
- Angled design
- For one hand operation
- Receiver: Internal thread
- Grinding disc with Velcro



**114,50 €**

#### Technical data:

Oscillating circuit:	2,5 mm
No load current:	15000 r.p.m.
Vibration acceleration:	< 0,77 m/s <sup>2</sup>
Noise performance level:	94 dbA
Noise pressure level:	81 dbA
Air consumption:	113 l/min
Operating pressure:	max. 5,2 bar
Min. tube diameter:	3/8" - 10 mm
Connection thread:	1/4"

	B mm	L mm	
<b>515.5111</b>	140,0	117,0	700

### GRINDING PADS

- For polishing rough surfaces made from wood, metal, varnish and natural stone
- For breaking edges



	Ø mm	Grit size	Pcs		
<b>515.5119</b>	50,0	320	10	16	€ 16, <sup>50</sup>
<b>515.5116</b>	75,0	320	10	19	€ 16, <sup>50</sup>
<b>515.5118</b>	50,0	400	10	16	€ 16, <sup>50</sup>
<b>515.5115</b>	75,0	400	10	19	€ 16, <sup>50</sup>
<b>515.5117</b>	50,0	600	10	16	€ 16, <sup>50</sup>
<b>515.5114</b>	75,0	600	10	19	€ 16, <sup>50</sup>

### GRINDING DISC

- With Velcro receiver
- With external thread receiver



	Ø mm	Content		
<b>515.5113</b>	46,0	flexible	5	13 € 90, <sup>90</sup>
<b>515.5112</b>	76,5	flexible	5	20 € 90, <sup>90</sup>

### FINE-SANDING PNEUMATIC RANDOM ORBITAL SANDER WITH DUST EXTRACTION

- Compact construction height and light composite housing for controlled working
- For sanding or polishing
- Alternatively can be used with dust bag or industrial vacuum cleaner
- With 6 punched hole in pitch circle: 80 mm / Ø 11 mm
- Cold insulated handle



**170,50 €**

#### Technical data:

Oscillating circuit:	2,5 mm
Velcro disc receiver:	Ø 152,4 mm = 6"
Hose length:	2 m
Capacity:	240 Watt
No load current:	10000 r.p.m.
Vibration acceleration:	< 0,80 m/s <sup>2</sup>
Noise performance level:	71 dbA
Noise pressure level:	60 dbA
Air consumption:	255 l/min
Operating pressure:	max. 6,3 bar (90 psi)
Min. tube diameter:	3/8" - 10 mm
Connection thread:	1/4"PT

	D mm	L mm	
<b>515.3061</b>	150,0	196,0	1,50

### COARSE SANDING PNEUMATIC RANDOM ORBITAL SANDER WITH DUST EXTRACTION

- Compact construction height and light composite housing for controlled working
- For sanding or polishing
- Alternatively can be used with dust bag or industrial vacuum cleaner
- With 6 punched hole in pitch circle: 80 mm / Ø 11 mm
- Cold insulated handle



**170,50 €**

#### Technical data:

Oscillating circuit:	5 mm
Velcro disc receiver:	Ø 152,4 mm = 6"
Hose length:	2 m
Capacity:	240 Watt
No load current:	10000 r.p.m.
Vibration acceleration:	< 0,80 m/s <sup>2</sup>
Noise performance level:	71 dbA
Noise pressure level:	60 dbA
Air consumption:	225 l/min
Operating pressure:	max. 6,3 bar (90 psi)
Min. tube diameter:	1/4" - 6,35 mm
Connection thread:	1/4"PT

	D mm	L mm	
<b>515.3066</b>	150,0	100,0	900



## MULTIGRINDER



8  
pcs

**393,<sup>90</sup> €**

### PNEUMATIC MULTI-GRINDER SET

- For removing underbody coating, sealant, rust, corrosion, clingages, paints, films, text as well as for paint stripping
- For hard to reach places
- For working in hard to access areas
- Ideal for grinding and erasing work
- Robust housing



#### Technical data:

No load current:	4000 r.p.m.
Vibration acceleration:	< 0,7 m/s <sup>2</sup>
Noise performance level:	100 dbA
Noise pressure level:	89,0 dbA
Air consumption:	350 l/min
Operating pressure:	max. 6,3 bar (90 psi)
Min. tube diameter:	3/8" - 10 mm
Connection thread:	1/4"NPT

## ERASER

### PNEUMATIC ERASING MACHINE

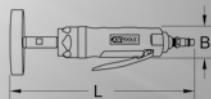
- Air exhaust through the handle rear end
- Ideal for removing of stickers glue and color remainders
- Stepless speed regulation
- Number of revolutions adjustable through regulating screw
- Ultra light robust housing special plastic



#### Technical data:

Tool holder:	5/16" - 24 mm
Capacity:	370 Watt
No load current:	4000 r.p.m.
Vibration acceleration:	< 1,6 m/s <sup>2</sup>
Noise performance level:	102,5 dbA
Noise pressure level:	91,5 dbA
Air consumption:	350 l/min
Operating pressure:	max. 6,3 bar (90 psi)
Min. tube diameter:	3/8" - 10 mm
Connection thread:	1/4"NPT

**133,<sup>90</sup> €**



	B mm	L mm	Suitable eraser disc	kg
<b>515.5445</b>	45,0	200,0	515.1243	0,76

### STRIPE REMOVING PAD WITH LAMELLAE

- For removing of stickers, glue and color remainders on varnished areas
- Includes neutral colored rubber eraser preventing a smearing on the surface
- Not suitable for pneumatic die grinders



#### Technical data:

Speed:	4000 rpm
Shaft:	M8

	Width mm	Ø mm	Content	kg	
<b>515.1247</b>	24,0	100	1	0,29	€ 15, <sup>90</sup>
<b>515.1366</b>	24,0	100	6	1,74	€ 89, <sup>90</sup>

### STRIPE REMOVING PAD WITH LAMELLAE

- For removing of stickers, glue and color remainders on varnished areas
- Includes neutral colored rubber eraser preventing a smearing on the surface
- Not suitable for pneumatic die grinders



#### Technical data:

Speed:	4000 rpm
Shaft:	M8

	Width mm	Ø mm	Content	kg	
<b>515.1248</b>	20,0	90	1	160	€ 21, <sup>50</sup>
<b>515.1368</b>	20,0	90	6	960	€ 66, <sup>50</sup>

### STRIPE REMOVING PAD

- For removing of stickers, glue and color remainders on varnished areas
- Includes neutral colored rubber eraser preventing a smearing on the surface
- Not suitable for pneumatic die grinders



#### Technical data:

Speed:	4000 rpm
Shaft:	M8

	Width mm	Ø mm	Content	kg	
<b>515.1243</b>	15,0	90,0	1	110	€ 5, <sup>90</sup>
<b>515.1285</b>	15,0	90,0	6	660	€ 29, <sup>90</sup>

### STRIPE REMOVING PAD WITH LAMELLAE

- For removing of stickers, glue and color remainders on varnished areas
- Includes neutral colored rubber eraser preventing a smearing on the surface
- Not suitable for pneumatic die grinders



#### Technical data:

Speed:	4000 rpm
Shaft:	M8

	Width mm	Ø mm	Content	kg	
<b>515.1249</b>	26,5	100	1	0,26	€ 27, <sup>90</sup>
<b>515.1369</b>	26,5	100	6	1,56	€ 133, <sup>90</sup>

### MANDREL FOR STRIPE REMOVING PAD

- with internal M8 thread
- Tension pin shaft Ø 6 mm
- for fastening film erasure discs on drilling machines



**3,<sup>50</sup> €**

	Size internal thread	Length mm	kg
<b>515.1218</b>	M8	40,0	25

## BURNISHER

### SLIMPOWER MINI-PNEUMATIC BURNISHER

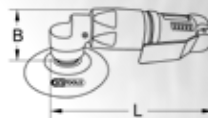
- For one hand operation
- Ideal for curved cutting
- For working in hard to access areas
- Stepless speed regulation
- Very compact construction



**223,<sup>90</sup> €**

#### Technical data:

Capacity:	186 Watt
No load current:	5000 r.p.m.
Sponge diameter:	50 + 75 mm
Polishing sponge diameter:	46 mm
Vibration acceleration:	< 3,3 m/s <sup>2</sup>
Noise performance level:	96,9 dbA
Noise pressure level:	85,9 dbA
Air consumption:	240 l/min
Min. tube diameter:	3/8" - 10 mm
Operating pressure:	max. 6,3 bar (90 psi)
Connection thread:	1/4"NPT



**SLIMPOWER**

	B mm	L mm	kg
<b>515.5590</b>	55,0	140,0	600

### PNEUMATIC POLISHER

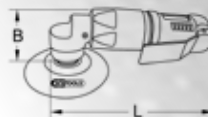
- Angled design
- For one hand operation
- Ideal for polishing work
- Very compact construction
- Including 1 velcro holder Ø 75 mm



**200,<sup>50</sup> €**

#### Technical data:

Capacity:	370 Watt
No load current:	3000 r.p.m.
Sponge diameter:	75 mm
Polishing sponge diameter:	85 mm
Vibration acceleration:	< 0,9 m/s <sup>2</sup>
Noise performance level:	103,2 dbA
Noise pressure level:	92,2 dbA
Air consumption:	350 l/min
Min. tube diameter:	3/8" - 10 mm
Operating pressure:	max. 6,3 bar (90 psi)
Connection thread:	1/4"NPT



	B mm	L mm	kg
<b>515.5455</b>	9,0	210,0	1,14

### GRINDING DISC

- With Velcro receiver
- With internal thread receiver



	Ø mm		Pcs	kg	
<b>515.5101</b>	46,0	flexible	5	275	€ 79, <sup>50</sup>
<b>515.5102</b>	75,0	flexible	5	125	€ 79, <sup>50</sup>
<b>515.5103</b>	46,0	rigid	5	55	€ 29, <sup>90</sup>

### BURNISHING PADS

- For burnishing of smooth surfaces



		Colour	Ø mm	Pcs	kg	
<b>515.5126</b>	plastic	●	50,0	5	10	€ 16, <sup>50</sup>
<b>515.5122</b>	plastic	●	85,0	5	55	€ 79, <sup>50</sup>
<b>515.5127</b>	plastic	○	50,0	5	10	€ 16, <sup>50</sup>
<b>515.5123</b>	plastic	○	85,0	5	55	€ 79, <sup>50</sup>
<b>515.5128</b>	plastic	●	50,0	5	10	€ 16, <sup>50</sup>
<b>515.5129</b>	leather		50,0	5	48	€ 21, <sup>50</sup>
<b>515.5124</b>	leather		80,0	5	80	€ 66, <sup>50</sup>

### MINI BURNISHING MACHINE

- For hard to reach places and improvement work
- Angled design
- Ideal for curved cutting
- Vibration dampened
- Very compact construction



**127,<sup>50</sup> €**

#### Technical data:

Capacity:	150 Watt
No load current:	2500 r.p.m.
Polishing sponge diameter:	75 mm
Vibration acceleration:	< 0,77 m/s <sup>2</sup>
Noise performance level:	92 dbA
Noise pressure level:	81 dbA
Air consumption:	113 l/min
Min. tube diameter:	3/8" - 10 mm
Operating pressure:	max. 5,2 bar
Connection thread:	1/4"



	B mm	L mm	kg
<b>515.5121</b>	110,0	120,0	1,00





5  
pcs

**175,50 €**

## MINI PNEUMATIC BURNISHER SET

- For hard to reach places and improvement work
- Angled design
- Ideal for curved cutting
- Vibration dampened
- Very compact construction

### Technical data:

No load current:	2500 r.p.m.
Polishing sponge diameter:	75 mm
Vibration acceleration:	< 0,77 m/s <sup>2</sup>
Noise performance level:	94 dbA
Noise pressure level:	81 dbA
Air consumption:	113 l/min
Min. tube diameter:	3/8" - 10 mm
Operating pressure:	max. 5,2 bar
Connection thread:	1/4"



<b>515.5120</b>	5 pcs				1,80

## GRINDING DISC

- With Velcro receiver
- With external thread receiver



	Ø mm		Pcs		
<b>515.5113</b>	46,0	flexible	5	13	€ 90,90
<b>515.5112</b>	76,5	flexible	5	20	€ 90,90

## BURNISHING PADS

- For burnishing of smooth surfaces



	Colour	Ø mm	Pcs		
<b>515.5126</b>	plastic yellow	50,0	5	10	€ 16,50
<b>515.5122</b>	plastic yellow	85,0	5	55	€ 79,50
<b>515.5127</b>	plastic white	50,0	5	10	€ 16,50
<b>515.5123</b>	plastic white	85,0	5	55	€ 79,50
<b>515.5128</b>	plastic black	50,0	5	10	€ 16,50
<b>515.5129</b>	leather	50,0	5	48	€ 21,50
<b>515.5124</b>	leather	80,0	5	80	€ 66,50

## PNEUMATIC POLISHER

- Handy and ergonomic housing
- Polishing with a fast and excellent work result
- Lateral handle for better guidance of the polisher
- For two-hand operation
- Stepless speed regulation



### Technical data:

Capacity:	450 Watt
No load current:	3500 r.p.m.
Sponge diameter:	150 mm
Polishing sponge diameter:	145 mm
Vibration acceleration:	< 1,20 m/s <sup>2</sup>
Noise performance level:	80 dbA
Noise pressure level:	91 dbA
Air consumption:	110 l/min
Min. tube diameter:	3/8" - 10 mm
Operating pressure:	max. 6,3 bar (90 psi)
Tool holder:	5/16" UNF
Connection thread:	1/4"

**327,50 €**



	H mm	B mm	L mm	
<b>515.3063</b>	158,0	123,0	240,0	2,20

## NEEDLE SCALER

### PNEUMATIC NEEDLE SCALER

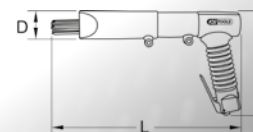
- In handy pistol design
- For removing and/or derusting of coatings and solid metal parts
- Is coarser than a sand blasting and finer than rust hammers
- Equipped with 19 needles of 3 mm a piece
- Cold insulated handle

### Technical data:

Needle amount:	19 pcs à 3 mm
Number of blows:	3200 blows/min
Vibration acceleration:	< 8,70 m/s <sup>2</sup>
Noise performance level:	110 dbA
Noise pressure level:	97 dbA
Air consumption:	170 l/min
Operating pressure:	max. 6,3 bar (90 psi)
Min. tube diameter:	3/8" - 10 mm
Connection thread:	1/4"PT



**241,90 €**



	B mm	D mm	L mm	Replacement needle pack	
<b>515.3070</b>	205,0	45,0	330,0	515.3071	2,60

\*This is an limited special price offer - only until stocks last.

All prices are ex. VAT. With the release of this leaflet all previous prices became invalid. Sold only in specialist stores. Print mistakes, errors and technical alterations excepted. Prices valid up to 30.09.2023

## COMPRESSED AIR TOOLS

### SLIMPOWER MINI-PNEUMATIC RECIPROCATING BODYWORK KEY HOLE SAW

- Very compact construction
- Suitable for small sawing radius
- For one hand operation
- For works in car body panels, beams and profile
- Stepless speed regulation



**163,<sup>90</sup> €**

#### Technical data:

Stroke:	7,9 mm
Cutting strokes:	5760 strokes/min
Capacity:	186 Watt
Vibration acceleration:	< 28,8 m/s <sup>2</sup>
Noise pressure level:	90,3 dbA
Noise performance level:	101,3 dbA
Air consumption:	240 l/min
Operating pressure:	max. 6,3 bar (90 psi)
Min. tube diameter:	3/8" - 10 mm
Connection thread:	1/4"NPT



**slimPOWER**

	B mm	L mm	Replacement saw insert	kg
<b>515.5545</b>	36,0	170,0	129.3740- 129.3746	500

### PNEUMATIC OSCILLATING CUTTER SET

- Angled design
- Air exhaust through the handle
- For one handed operation with ergonomic design
- For the professional dismantling of vehicle discs
- Universal blade reception for all standard blades

**6  
pcs**



#### Technical data:

Oscillating speed:	20000
No load current:	20000 r.p.m.
Vibration acceleration:	< 14,8 m/s <sup>2</sup>
Noise performance level:	103,7 dbA
Noise pressure level:	92,7 dbA
Air consumption:	350 l/min
Operating pressure:	max. 6,3 bar (90 psi)
Min. tube diameter:	3/8" - 10 mm
Connection thread:	1/4"NPT

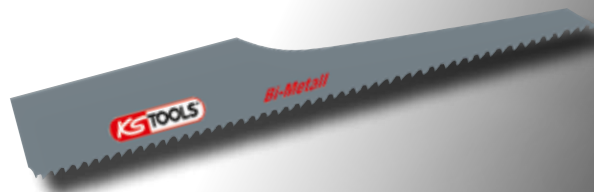
**235,<sup>50</sup> €**

		kg
<b>515.5450</b>	6 pcs	2,05

### JIGSAW BLADES

- Flexible and shatter proof
- ideal for non-ferrous metal, stainless steel, sheet steel, car body sheet, pressed materials and resopal

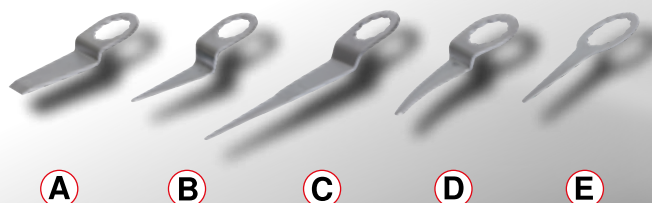
Suitable for: Ober, KS, Pneutech, CP, KS 515.3000 und 515.3200



	Quantity Teeth	TPI	Thickness mm	Length mm	Content	kg	
<b>129.3740</b>	80	32	1,0	100,0	5	30	€ <b>13,<sup>90</sup></b>
<b>129.3742</b>	60	24	1,0	100,0	5	30	€ <b>13,<sup>90</sup></b>
<b>129.3744</b>	45	18	1,0	100,0	5	30	€ <b>13,<sup>90</sup></b>
<b>129.3746</b>	35	14	2,0	100,0	5	30	€ <b>13,<sup>90</sup></b>

### CUTTING / SCRAPER BLADES

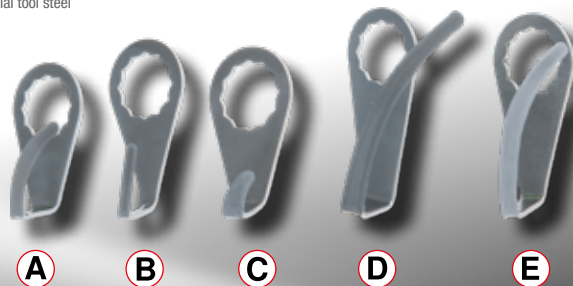
- For the pneumatic oscillating cutter
- Special tool steel



		kg	
<b>140.2252</b>	Scraping blade offset, width 16mm	20	€ <b>21,<sup>50</sup></b>
<b>140.2255</b>	Cutting blade straight, offset, 50mm	20	€ <b>21,<sup>50</sup></b>
<b>140.2256</b>	Cutting blade straight, offset, 90mm	30	€ <b>29,<sup>90</sup></b>
<b>140.2261</b>	Cutting blade angled, offset, depth 55mm	20	€ <b>21,<sup>50</sup></b>
<b>140.2263</b>	Cutting blade straight, depth 35mm	10	€ <b>21,<sup>50</sup></b>

### CUTTING / SCRAPER BLADES

- For the pneumatic oscillating cutter
- Special tool steel



		kg	
<b>515.5093</b>	Scraper blade, curved, offset, blade length 18mm	13	€ <b>29,<sup>90</sup></b>
<b>515.5094</b>	Scraper blade, curved, offset, blade length 36mm	13	€ <b>34,<sup>50</sup></b>
<b>515.5095</b>	Scraper blade, curved, offset, blade length 63mm	13	€ <b>39,<sup>50</sup></b>
<b>515.5096</b>	Scraper blade, curved, offset, blade length 90mm	25	€ <b>46,<sup>50</sup></b>
<b>515.5097</b>	Scraper blade, curved, straight, blade length 24 mm	12	€ <b>34,<sup>50</sup></b>

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## LONG-DISC CUTTER

### SLIMPOWER MINI-PNEUMATIC DISC CUTTER, SHORT

- Very compact construction
- Ideal for loosening worn down and/or rusted connections
- For working in inaccessible places
- For cutting wheels up to Ø 50.4 x 1.1 x 9.56mm
- For grinding wheels up to Ø 59.0 x 4.0 x 9.56mm



**170,<sup>50</sup> €**

#### Technical data:

Tool holder:	9,6 mm
Capacity:	220 Watt
No load current:	19000 r.p.m.
Vibration acceleration:	< 3,7 m/s <sup>2</sup>
Noise performance level:	95,4 dbA
Noise pressure level:	84,4 dbA
Air consumption:	283 l/min
Operating pressure:	max. 6,3 bar (90 psi)
Min. tube diameter:	3/8" - 10 mm
Connection thread:	1/4"NPT



**slimPOWER**

	B mm	L mm	Weight
<b>515.5550</b>	60,0	125,0	400

### SLIMPOWER MINI-PNEUMATIC LONG-DISC CUTTER

- Ideal for loosening worn down and/or rusted connections
- For working in inaccessible places
- Long service life
- Stepless speed regulation
- Very compact construction



**200,<sup>50</sup> €**

#### Technical data:

Tool holder:	9,6 mm
Capacity:	220 Watt
No load current:	18000 r.p.m.
Vibration acceleration:	< 2,8 m/s <sup>2</sup>
Noise performance level:	98,7 dbA
Noise pressure level:	87,7 dbA
Air consumption:	283 l/min
Operating pressure:	max. 6,3 bar (90 psi)
Min. tube diameter:	3/8" - 10 mm
Connection thread:	1/4"NPT



**slimPOWER**

	B mm	L mm	Weight
<b>515.5555</b>	50,0	230,0	500

### SLIMPOWER MINI-PNEUMATIC DISC CUTTER, LONG

- Very compact construction
- Ideal for loosening worn down and/or rusted connections
- For working in inaccessible places
- Long service life
- Stepless speed regulation



**223,<sup>90</sup> €**

#### Technical data:

Tool holder:	9,6 mm
Capacity:	220 Watt
No load current:	18000 r.p.m.
Vibration acceleration:	< 3,2 m/s <sup>2</sup>
Noise performance level:	98,4 dbA
Noise pressure level:	87,4 dbA
Air consumption:	283 l/min
Operating pressure:	max. 6,3 bar (90 psi)
Min. tube diameter:	3/8" - 10 mm
Connection thread:	1/4"NPT



**slimPOWER**

	B mm	L mm	Weight
<b>515.5560</b>	50,0	275,0	700

### PNEUMATIC CUT-OFF SANDER

- Air exhaust through the handle
- For cutting wheels up to Ø 75 mm x 10 mm
- For cutting metal sheet and steel
- For working in inaccessible places
- Stepless speed regulation



**79,<sup>50</sup> €**

#### Technical data:

Capacity:	370 Watt
No load current:	23000 r.p.m.
Vibration acceleration:	< 6,2 m/s <sup>2</sup>
Noise performance level:	103,2 dbA
Noise pressure level:	92,2 dbA
Air consumption:	350 l/min
Operating pressure:	max. 6,3 bar (90 psi)
Min. tube diameter:	3/8" - 10 mm
Connection thread:	1/4"NPT



	B mm	L mm	Weight
<b>515.5440</b>	85,0	200,0	820

## HIGH PERFORMANCES THIN CUTTING DISK

- Exact and clean cut
- No deburring necessary
- Very short cutting times
- Machine load reduced
- Inox stainless steel

**50 x**



	Rpm max.	D1 mm	D2 mm	Height mm	Content		
<b>515.5056</b>	30600	50,0	10	1,1	50	650	€ 66, <sup>50</sup>
<b>515.5057</b>	20100	75,0	10	1,5	50	710	€ 106, <sup>90</sup>

## PNEUMATIC SHORT DISC CUTTER

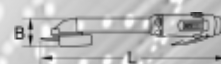
- Air exhaust through the handle rear end
- Ideal for loosening worn down and/or rusted connections
- For working in inaccessible places
- Stepless speed regulation
- Ultra light Aluminium housing



**236,<sup>50</sup> €**

### Technical data:

Tool holder:	6,3 mm
No load current:	15000 r.p.m.
Vibration acceleration:	< 5,8 m/s <sup>2</sup>
Noise performance level:	104,8 dbA
Noise pressure level:	93,8 dbA
Air consumption:	350 l/min
Operating pressure:	max. 6,3 bar (90 psi)
Min. tube diameter:	3/8" - 10 mm
Connection thread:	1/4" NPT



	Width mm	Length mm	Replacement- cutting wheel	
<b>515.5475</b>	60,0	345,0	337.2010	1,41

## HIGH PERFORMANCES THIN CUTTING DISK

- Exact and clean cut
- No deburring necessary
- Very short cutting times
- Machine load reduced

**25 x**



**50,<sup>50</sup> €**

	Rpm max.	D1 mm	D2 mm	Height mm	Content	
<b>337.2010</b>	15250	100,0	16,0	1,6	25	1,20

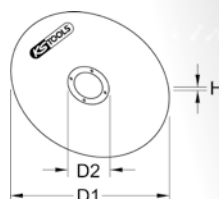
## REINFORCED GRINDING DISC

- For universal usage
- High level of flexibility
- Consistent high cutting power

Ideal for use in metal and stainless steel.

**25 x**

**100,<sup>50</sup> €**



	Rpm max.	D1 mm	D2 mm	Height mm	Content	
<b>515.5058</b>	22000	59,0	9,56	4,0	25	600



## CHISEL HAMMER

### VIBRO IMPACT PNEUMATIC CHISEL HAMMER SET

- With non slip soft grip handle
- Ideal for industry
- Efficient, gentle loosening of screw fittings
- With stepless impact regulation
- Vibration dampened



#### Technical data:

Chisel holder:	10,2
Number of blows:	2200 strokes/min
Vibration acceleration:	< 11,55
Noise performance level:	100 dbA
Noise pressure level:	100 dbA
Air consumption:	114 l/min
Operating pressure:	max. 6,3 bar (90 psi)
Min. tube diameter:	3/8" - 10 mm
Connection thread:	1/4"NPT



6  
pcs

**369,<sup>90</sup> €**

515.3880

6 pcs

5,70

### VIBRO-IMPACT HALF-ROUND CHISEL WITH ANTI-ROTATION DEVICE

- Suitable for use with industry-standard percussion hammers (10.0 mm holder)
- Universal use for bodywork and chassis repair
- Extension of the working range
- Utilisation of vibration and shock pulse of Vibro Power pneumatic hammer
- Robust chisel forged out of one piece
- Special tool steel

**Application:** Cutting exhausts, loosening of ball joint, extracting bolts and cutting metal sheets



**39,<sup>50</sup> €**

Width  
mm

Length  
mm



515.3966

26,0

195,0

210

### VIBRO-IMPACT SHEET METAL CUTTING TOOL WITH ANTI-ROTATION DEVICE

- Suitable for use with industry-standard percussion hammers (10.0 mm holder)
- Universal use for bodywork and chassis repair
- Extension of the working range
- Utilisation of vibration and shock pulse of Vibro Power pneumatic hammer
- Robust chisel forged out of one piece
- Special tool steel

**Application:** Cutting exhausts, loosening of ball joint, extracting bolts and cutting metal sheets



**39,<sup>50</sup> €**

Width  
mm

Length  
mm



515.3964

20,0

175,0

160

### VIBRO-IMPACT FLAT CHISEL WITH ANTI-ROTATION DEVICE

- Suitable for use with industry-standard percussion hammers (10.0 mm holder)
- Universal use for bodywork and chassis repair
- Extension of the working range
- Utilisation of vibration and shock pulse of Vibro Power pneumatic hammer
- Robust chisel forged out of one piece
- Special tool steel

**Application:** Cutting exhausts, loosening of ball joint, extracting bolts and cutting metal sheets



**39,<sup>50</sup> €**

Width  
mm

Length  
mm



515.3965

19,0

190,0

220

### VIBRO-IMPACT EXHAUST CHISEL

- Suitable for use with industry-standard percussion hammers (10.0 mm holder)
- Universal application for work on exhaust systems
- Specially designed sounds enable the exhaust pipe (inner or outer) to be replaced to be correctly separated from the remaining one, without damaging it.
- Rotatable
- Utilisation of vibration and shock pulse of Vibro Power pneumatic hammer



Application range



515.3962

Internal pipe

190

€ 39,<sup>50</sup>

515.3963

External pipe

190

€ 39,<sup>50</sup>

## VIBRO-IMPACT SEPARATING FORK

- Suitable for use with industry-standard percussion hammers (10.0 mm holder)
- Utilisation of vibration and shock pulse of Vibro Power pneumatic hammer
- Universal use for bodywork and chassis repair
- Extension of the working range



<b>515.3967</b>	Vibro Power fork separator 20mm	295	€	<b>39,<sup>90</sup></b>
<b>515.3968</b>	Vibro Power fork separator 24mm	375	€	<b>39,<sup>90</sup></b>
<b>515.3969</b>	Vibro Power fork separator 35mm	395	€	<b>39,<sup>90</sup></b>

## IMPACT TIE ROD TOOL

- Vibration supported release of tracking rods, contoured screws or screws in the axle area etc.
- The special vibrating mandrel applies an impact pulse to the screw connection to be loosened, thereby loosening rust and supporting the loosening process
- Pneumatic chisel adapter (10 mm) for use with pneumatic chisel hammers on the market



	Width mm	Length mm	U opening in mm	
<b>150.1608</b>	50,0	290,0	27,0	2,36

## VIBRO-IMPACT BALL JOINT RELEASER

- Vibration supported release on ball joints
- Adjustable, e.g. conical seat connections to wheel bearing houses and wishbones
- Pneumatic chisel adapter (10 mm) for use with pneumatic chisel hammers on the market
- Utilisation of vibration and shock pulse of Vibro Power pneumatic hammer
- Special tool steel



	Width mm	Length mm	Height mm	Drive	
<b>515.3884</b>	40,0	68,0	130,0	Ø 10 mm	340

## VIBRO-IMPACT PUNCH

- Suitable for use with industry-standard percussion hammers (10.0 mm holder)
- Universal use for bodywork and chassis repair
- Extension of the working range
- Utilisation of vibration and shock pulse of Vibro Power pneumatic hammer

**Application:** Cutting exhausts, loosening of ball joint, extracting bolts and cutting metal sheets



	Ø mm	Length mm	
<b>515.3961</b>	6,5	177,0	95

## CLAMP SCREWS EJECTOR

### FOUR LINK DRIFT SET

- For removing the clamp screws in the four-wheel front axle on VAG vehicles
- Saves a lot of time
- Warming is no longer necessary, therefore preventing damage to the aluminium axle body
- For use with pneumatic chisel hammers on the market with a 10 mm attachment
- Special tool steel

**3  
pcs**



<b>700.5635</b>	3 pcs	168

## TOOLS FOR EXHAUST SENSORS

### IMPACT LAMBDA SENSOR HINGED WRENCH 22.0 MM

- Specialist loosening tool for the simple assembly and dismantling of stuck Lambda sensors
- Enables highly-corroded Lambda sensors to be released easily
- For most current vehicle types
- Time-saving to work with



	Spanner width mm	Length mm	
<b>150.2113</b>	22,0	200,0	540



## CHISEL HAMMER

### HIGH-PERFORMANCE VIBRO-IMPACT PNEUMATIC CHISEL HAMMER

- With non slip handle
- Air exhaust through the handle
- Ergonomic designed handle
- Air exhaust integrated in the handle
- Ideal for industry
- Efficient, gentle loosening of screw fittings
- With stepless impact regulation
- Vibration dampened
- Cold insulated handle
- Includes 1/4" coupling connector
- Ultra light housing from two component plastic



**921,<sup>50</sup> €**

#### Technical data:

Chisel holder:	15 mm
Number of blows:	2500 blows/min
Vibration acceleration:	20,4 m/s <sup>2</sup>
Noise performance level:	115 dbA
Noise pressure level:	104 dbA
Air consumption:	210 l/min
Operating pressure:	max. 6,3 bar (90 psi)
Connection thread:	1/4"NPT

	Length mm	Weight kg
<b>515.4880</b>	380,0	5,40

### VIBRO-IMPACT TIE ROD REMOVER

- Pneumatic chisel adapter (15 mm) for use with pneumatic chisel hammers on the market
- Extension of the working range
- Utilisation of the vibration and impact impulse of the high-performance vibro-impact
- Robust chisel forged out of one piece
- Special tool steel



**211,<sup>90</sup> €**

	Length mm	Width mm	Weight kg
<b>515.4881</b>	295,0	45,0	1430

### VIBRO-IMPACT FLAT CHISEL, XL

- Pneumatic chisel adapter (15 mm) for use with pneumatic chisel hammers on the market
- Extension of the working range
- Utilisation of the vibration and impact impulse of the high-performance vibro-impact
- Robust chisel forged out of one piece
- Special tool steel



**106,<sup>90</sup> €**

	Length mm	Width mm	Weight kg
<b>515.4882</b>	290,0	24,0	670

### VIBRO-IMPACT HAMMER INSERT

- Pneumatic chisel adapter (15 mm) for use with pneumatic chisel hammers on the market
- Extension of the working range
- Utilisation of the vibration and impact impulse of the high-performance vibro-impact
- Robust chisel forged out of one piece
- Special tool steel



**187,<sup>50</sup> €**

	Length mm	Width mm	Weight kg
<b>515.4883</b>	295,0	45,0	1460

### VIBRO-IMPACT POINTED CHISEL, XL

- Pneumatic chisel adapter (15 mm) for use with pneumatic chisel hammers on the market
- Extension of the working range
- Utilisation of the vibration and impact impulse of the high-performance vibro-impact
- Robust chisel forged out of one piece
- Special tool steel



**88,<sup>90</sup> €**

	Length mm	Weight kg
<b>515.4884</b>	290,0	tips 630

### VIBRO-IMPACT CONCAVE INSERT

- Pneumatic chisel adapter (15 mm) for use with pneumatic chisel hammers on the market
- Extension of the working range
- Utilisation of the vibration and impact impulse of the high-performance vibro-impact
- Robust chisel forged out of one piece
- Special tool steel



**200,<sup>50</sup> €**

	Length mm	Width mm	Weight kg
<b>515.4885</b>	295,0	45,0	1420

### VIBRO-IMPACT DRIFTERS

- Pneumatic chisel adapter (15 mm) for use with pneumatic chisel hammers on the market
- Extension of the working range
- Utilisation of the vibration and impact impulse of the high-performance vibro-impact
- Robust chisel forged out of one piece
- Special tool steel



**106,<sup>90</sup> €**

	Length mm	Width mm	Weight kg
<b>515.4886</b>	225,0	20,0	550

## IMPACT WRENCHES

### MONSTER XTREMELIGHT MINI BIT PNEUMATIC IMPACT DRIVER WITH FORWARD/REVERSE ROCKER

- Ideally suited for work in confined spaces
- With practical rocker switch (left / right)
- Easy operation
- 3 stage torque adjustment
- Air connection can be swivelled through 150°

#### Technical data:

Square drive:	1/4"
Max. tightening torque:	108 Nm
Max. loosening torque:	108 Nm
No load current:	12000 r.p.m.
Vibration acceleration:	7 m/s <sup>2</sup>
Noise performance level:	109 dbA
Noise pressure level:	98 dbA
Recommended torque:	79 Nm
Air consumption:	59 l/min
Operating pressure:	max. 6 bar
Min. tube diameter:	3/8" - 10 mm
Connection thread:	1/4"PT

1/4"



**133,90 €**



	B mm	L mm	kg
<b>515.3835</b>	55,0	140,0	550



1/4"

3/8"



### MONSTER XTREMELIGHT MINI PNEUMATIC IMPACT DRIVER WITH FORWARD/REVERSE ROCKER

- Ideally suited for work in confined spaces
- With practical rocker switch (left / right)
- Easy operation
- 3 stage torque adjustment
- Air connection can be swivelled through 150°

#### Technical data:

Max. tightening torque:	108 Nm
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Noise performance level:	109 dbA
Noise pressure level:	98 dbA
Recommended torque:	79 Nm
Air consumption:	59 l/min
Operating pressure:	max. 6 bar
Min. tube diameter:	3/8" - 10 mm
Connection thread:	1/4"PT



	Square drive	B mm	L mm	kg	
<b>515.1470</b>	1/4"	55,0	140,0	550	€ 133,90
<b>515.3830</b>	3/8"	55,0	140,0	550	€ 133,90

### MINIMONSTER HIGH PERFORMANCE PNEUMATIC IMPACT WRENCH

- With non slip soft grip handle
- Air exhaust through the handle
- With practical clockwise and anticlockwise switch
- Easy operation
- 3 stage torque adjustment
- High performance industrial jumbo mechanism
- Long service life
- Cold insulated handle
- Includes 1/4" coupling connector
- Ultra light Aluminium housing

#### Technical data:

Max. tightening torque:	1 = 270 Nm 2 = 640 Nm 3 = 965 Nm
Max. loosening torque:	1390 Nm
No load current:	10000 r.p.m.
Vibration acceleration:	< 9,18 m/s <sup>2</sup>
Noise performance level:	113 dbA
Noise pressure level:	102 dbA
Recommended torque:	615 Nm
Air consumption:	135 l/min
Operating pressure:	max. 6,3 bar
Max. screw size:	M 16
Min. tube diameter:	3/8" - 10 mm
Connection thread:	1/4"PT



3/8"

1/2"

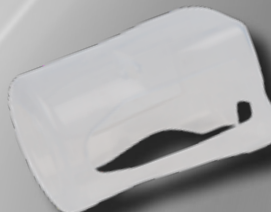


	Square drive	B mm	L mm	kg	
<b>515.1190</b>	3/8"	95,0	190,0	1,34	€ 170,50
<b>515.1270</b>	1/2"	95,0	190,0	1,34	€ 149,90

### PROTECTIVE COVER FOR MINIMONSTER

- suitable for Mini Monster Impact Wrenches 515.1190 and 515.1270
- Protective cover minimises damage from daily use to impact wrenches
- Transparent
- Silicon

**9,90 €**



	Suitable for	kg
<b>515.1272</b>	Silicone for 515.1190 and 515.1270	50

\*This is an limited special price offer - only until stocks last.

All prices are ex. VAT. With the release of this leaflet all previous prices became invalid. Sold only in specialist stores. Print mistakes, errors and technical alterations excepted. Prices valid up to 30.09.2023





**393,90 €**



## MONSTER HIGH PERFORMANCE PNEUMATIC ANGLE IMPACT WRENCH

- 2-fold torque preselection
- Ring in handle proximity for right / left running for better operating convenience
- High performance double hammer mechanism
- Long service life

### Technical data:

Square drive:	1/2"
Max. tightening torque:	271 Nm
Max. loosening torque:	271 Nm
No load current:	4150 r.p.m.
Vibration acceleration:	< 8,24 m/s <sup>2</sup>
Noise performance level:	105,4 dbA
Noise pressure level:	94,4 dbA
Recommended torque:	244 Nm
Air consumption:	105 l/min
Operating pressure:	max. 6,3 bar (90 psi)
Min. tube diameter:	3/8" - 10 mm
Connection thread:	1/4"PT



	B mm	L mm	kg
<b>515.1625</b>	55,5	350,0	1,57

## MINIMONSTER XTREMELIGHT HIGH PERFORMANCE PNEUMATIC IMPACT WRENCH

- With non slip soft grip handle
- Air exhaust through the handle
- With practical clockwise and anticlockwise switch
- Easy operation
- Easy to change lever for right and left handers
- 3 stage torque adjustment
- High performance industrial jumbo mechanism
- Long service life
- Cold insulated handle
- Includes 1/4" coupling connector
- Ultra light Aluminium housing

### Technical data:

Max. tightening torque:	1 = 270 Nm 2 = 640 Nm 3 = 965 Nm
Max. loosening torque:	1390 Nm
No load current:	10000 r.p.m.
Vibration acceleration:	< 9,18 m/s <sup>2</sup>
Noise performance level:	113 dbA
Noise pressure level:	102 dbA
Recommended torque:	615 Nm
Air consumption:	135 l/min
Operating pressure:	max. 6,3 bar
Max. screw size:	M 16
Min. tube diameter:	3/8" - 10 mm
Connection thread:	1/4"PT

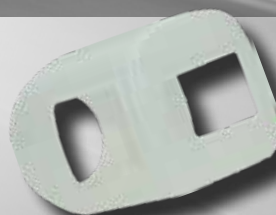


	Square drive	B mm	L mm	kg	
<b>515.3855</b>	3/8"	90,0	185,0	1,08	€ 200, <sup>50</sup>
<b>515.1150</b>	1/2"	90,0	185,0	1,08	€ 200, <sup>50</sup>

## PROTECTIVE COVER FOR MINIMONSTER XTREMELIGHT

- suitable for Mini Monster Xtremelight Impact Wrenches 515.1150 + 515.3855
- Protective cover minimises damage from daily use to impact wrenches
- Transparent
- Silicon

**9,90 €**



	Suitable for	kg
<b>515.1273</b>	Silicone for 515.1150 + 515.3855	50



**69,90 €**



## THE MINIDEVIL HIGH PERFORMANCE IMPACT WRENCH

- Easy operation
- 3 stage torque adjustment
- High performance jumbo mechanism
- Long service life
- Ultra light aluminium housing

### Technical data:

Square drive:	1/2"
Max. tightening torque:	1 = 210 Nm 2 = 503 Nm 3 = 755 Nm
Max. loosening torque:	1084 Nm
Vibration acceleration:	<10,36 m/s <sup>2</sup>
No load current:	9000 r.p.m.
Noise performance level:	115 dbA
Noise pressure level:	106 dbA
Air consumption:	169 l/min
Operating pressure:	6,3 bar (90 psi)
Min. tube diameter:	3/8" - 10 mm
Connection thread:	1/4"PT



	B mm	L mm	kg
<b>515.1315</b>	115,0	180,0	1,20

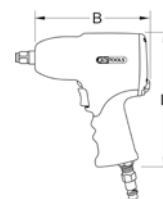
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## THE DEVIL HIGH PERFORMANCE IMPACT WRENCH

- Easy operation
- 3 stage torque adjustment
- High performance double hammer mechanism
- Long service life
- Ultra light aluminium housing



### Technical data:

	515.1200	515.3400
Square drive:	1/2"	3/4"
Max. tightening torque:	1 = 490 Nm 2 = 660 Nm 3 = 870 Nm	1 = 660 Nm 2 = 1010 Nm 3 = 1290 Nm
Max. loosening torque:	1600 Nm	2000 Nm
No load current:	8500 r.p.m.	8500 r.p.m.
Vibration acceleration:	17,5 m/s <sup>2</sup>	17,25 m/s <sup>2</sup>
Noise performance level:	100,9 dbA	100,9 dbA
Noise pressure level:	89,9 dbA	91 dbA
Recommended torque:	550 Nm	860 Nm
Air consumption:	169 l/min	196 l/min
Operating pressure:	max. 6,3 bar (90 psi)	6,3 bar (90 psi)
Min. tube diameter:	3/8" - 10 mm	3/8" - 10 mm
Connection thread:	1/4"PT	1/4"PT

	B mm	L mm	kg	
<b>515.1200</b>	170,0	185,0	2,10	€ 69, <sup>90</sup>
<b>515.3400</b>	170,0	185,0	2,20	€ 168, <sup>90</sup>



## MONSTER HIGH PERFORMANCE PNEUMATIC IMPACT WRENCH

- With practical clockwise and anticlockwise switch
- Easy operation
- High performance double hammer mechanism
- Long service life



### Technical data:

	515.1210	515.3785
Square drive:	1/2"	3/4"
Max. tightening torque:	1 = 510 Nm 2 = 680 Nm 3 = 931 Nm	1 = 510 Nm 2 = 680 Nm 3 = 931 Nm
Max. loosening torque:	1690 Nm	1690 Nm
No load current:	7930 r.p.m.	7930 r.p.m.
Vibration acceleration:	< 17,9 m/s <sup>2</sup>	< 13,56 m/s <sup>2</sup>
Noise performance level:	98 dbA	104 dbA
Noise pressure level:	87 dbA	88 dbA
Recommended torque:	542 Nm	542 Nm
Air consumption:	178 l/min	178 l/min
Operating pressure:	max. 6,3 bar	max. 6,3 bar
Min. tube diameter:	1/2" - 12,7 mm	1/2" - 12,7 mm
Connection thread:	1/4"PT	1/4"PT

	B mm	L mm	kg	
<b>515.1210</b>	175,0	200,0	2,15	€ 149, <sup>90</sup>
<b>515.3785</b>	175,0	200,0	2,20	€ 305, <sup>90</sup>



## SUPERMONSTER HIGH PERFORMANCE PNEUMATIC IMPACT WRENCH

- With four-stage torque adjustment for tightening and loosening
- Easy operation
- High performance double hammer mechanism
- Long service life

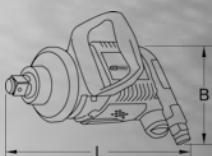


3/4"

**849,90 €**

### Technical data:

Square drive: 3/4"  
Max. tightening torque:  
1 = 919 Nm  
2 = 1523 Nm  
3 = 2145 Nm  
Max. loosening torque: 3405 Nm  
Vibration acceleration: < 12,57 m/s<sup>2</sup>  
Measuring uncertainty vibration acceleration: 1,73 m/s<sup>2</sup>  
No load current: 6200 r.p.m.  
Noise performance level: 104,5 dbA  
Noise pressure level: 115,5 dbA  
Air consumption: 283 l/min  
Operating pressure: max. 6,3 bar (90 psi)  
Min. tube diameter: 3/4" - 19 mm  
Max. screw size: M 38  
Connection thread: 1/2"PT



**MONSTER**  
**super**

	Width mm	Length mm	kg
<b>515.3250</b>	230,0	350,0	6,70

## SUPERMONSTER HIGH PERFORMANCE PNEUMATIC IMPACT WRENCH

- With four-stage torque adjustment for tightening and loosening
- Easy operation
- High performance double hammer mechanism
- Long service life

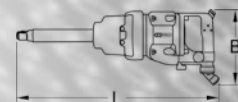


3/4"

**904,90 €**

### Technical data:

Square drive: 3/4"  
Max. tightening torque:  
1 = 919 Nm  
2 = 1523 Nm  
3 = 2145 Nm  
Max. loosening torque: 3405 Nm  
Vibration acceleration: < 12,88 m/s<sup>2</sup>  
Measuring uncertainty vibration acceleration: 1,77 m/s<sup>2</sup>  
No load current: 6200 r.p.m.  
Noise performance level: 104,5 dbA  
Noise pressure level: 115,5 dbA  
Air consumption: 283 l/min  
Operating pressure: max. 6,3 bar (90 psi)  
Min. tube diameter: 3/4" - 19 mm  
Max. screw size: M 38  
Connection thread: 1/2"PT



**MONSTER**  
**super**

	Width mm	Length mm	kg
<b>515.3260</b>	230,0	504,0	7,76

## SUPERMONSTER HIGH PERFORMANCE PNEUMATIC IMPACT WRENCH

- With four-stage torque adjustment for tightening and loosening
- Easy operation
- High performance double hammer mechanism
- Long service life

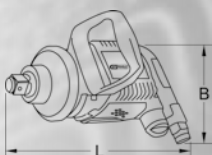


1"

**849,90 €**

### Technical data:

Square drive: 1"  
Max. tightening torque:  
1 = 919 Nm  
2 = 1523 Nm  
3 = 2145 Nm  
Max. loosening torque: 3405 Nm  
Vibration acceleration: < 12,57 m/s<sup>2</sup>  
Measuring uncertainty vibration acceleration: 1,73 m/s<sup>2</sup>  
No load current: 6200 r.p.m.  
Noise performance level: 104,5 dbA  
Noise pressure level: 115,5 dbA  
Air consumption: 283 l/min  
Operating pressure: max. 6,3 bar (90 psi)  
Min. tube diameter: 3/4" - 19 mm  
Max. screw size: M 38  
Connection thread: 1/2"PT



**MONSTER**  
**super**

	Width mm	Length mm	kg
<b>515.3270</b>	230,0	350,0	6,75

## SUPERMONSTER HIGH PERFORMANCE PNEUMATIC IMPACT WRENCH

- With four-stage torque adjustment for tightening and loosening
- Easy operation
- High performance double hammer mechanism
- Long service life

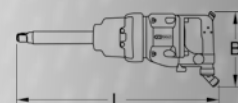


1"

**904,90 €**

### Technical data:

Square drive: 1"  
Max. tightening torque:  
1 = 919 Nm  
2 = 1523 Nm  
3 = 2145 Nm  
Max. loosening torque: 3405 Nm  
Vibration acceleration: < 12,88 m/s<sup>2</sup>  
Measuring uncertainty vibration acceleration: 1,77 m/s<sup>2</sup>  
No load current: 6200 r.p.m.  
Noise performance level: 104,5 dbA  
Noise pressure level: 115,5 dbA  
Air consumption: 283 l/min  
Operating pressure: max. 6,3 bar (90 psi)  
Min. tube diameter: 3/4" - 19 mm  
Max. screw size: M 38  
Connection thread: 1/2"PT



**MONSTER**  
**super**

	Width mm	Length mm	kg
<b>515.3280</b>	230,0	504,0	7,82









The AGR quality cachet (Aktion Gesunder Rücken = Campaign for Healthier Backs):  
 Certified and recommended by Association Forum Healthy Back - Better Living and  
 Federal Association of German Back Schools. More information: AGR e.V., Stader  
 Str. 6, D - 27432 Bremervörde, Phone +49 4761/92 63 580, www.agr-ev.de

## EXTREMELY STRONG



## EXTREMELY SMALL



## FOR RIGHT AND LEFT HANDED USE



## ONE HAND OPERATION



1/2"

### MINIMONSTER XTREMELIGHT HIGH PERFORMANCE PNEUMATIC IMPACT WRENCH

- With non slip soft grip handle
- Air exhaust through the handle
- With practical clockwise and anticlockwise switch
- Easy operation
- Easy to change lever for right and left handers
- 3 stage torque adjustment
- High performance industrial jumbo mechanism
- Long service life
- Cold insulated handle
- Includes 1/4" coupling connector
- ultra light composite housing

#### Technical data:

Max. tightening torque:	1 = 270 Nm
	2 = 640 Nm
	3 = 965 Nm
Max. loosening torque:	1390 Nm
No load current:	10000 r.p.m.
Vibration acceleration:	< 9,18 m/s <sup>2</sup>
Noise performance level:	113 dbA
Noise pressure level:	102 dbA
Recommended torque:	615 Nm
Air consumption:	135 l/min
Operating pressure:	max. 6,3 bar
Max. screw size:	M 16
Min. tube diameter:	3/8" - 10 mm
Connection thread:	1/4"PT

**200,50 €**



**mini-MONSTER**  
XtremeLight

**515.1150**

B mm	L mm	kg
90,0	185,0	1,08



## RIVETING TOOLS PISTOL

### PNEUMATIC RIVETING TOOL PISTOL

- Air exhaust through the handle
- For one handed operation with ergonomic design
- For pop rivet working
- Cold insulated
- Includes 1/4" coupling connector
- Robust aluminium housing

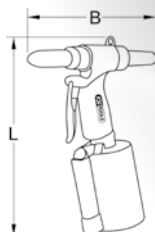


**291,<sup>50</sup> €**



#### Technical data:

Rivet sizes:	2,4 - 3,2 - 4,0 - 4,8 mm
Stroke length:	14 mm
Driving power:	8677,5 N
Vibration acceleration:	< 1,20 m/s <sup>2</sup>
Noise performance level:	98,6 dbA
Noise pressure level:	85 dbA
Air consumption:	1 l/stroke
Operating pressure:	max. 6,3 bar (90 psi)
Min. tube diameter:	3/8" - 10 mm
Connection thread:	1/4"PT



	B mm	L mm	kg
<b>515.3102</b>	195,0	290,0	1,50

### PNEUMATIC RIVETING TOOL PISTOL

- Air exhaust through the handle
- For one handed operation with ergonomic design
- For professional riveting, continuous operation
- For steel, aluminium, stainless steel or copper riveting up to 6,4 mm
- With 6 mouth pieces, 4,8 mm is pre assembled
- Especially low noise level
- Cold insulated
- Includes 1/4" coupling connector
- Robust aluminium housing

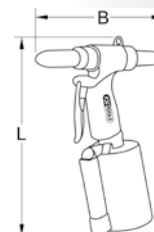


**327,<sup>50</sup> €**



#### Technical data:

Rivet sizes:	2,4 - 3,2 - 4 - 4,8 - 5,6 - 6,4mm
Stroke length:	19 mm
Driving power:	13839,5 N
Vibration acceleration:	< 0,60 m/s <sup>2</sup>
Noise performance level:	85 dbA
Noise pressure level:	73,3 dbA
Air consumption:	1.8 l/stroke
Operating pressure:	max. 6,3 bar (90 psi)
Min. tube diameter:	3/8" - 10 mm
Connection thread:	1/4"PT



	B mm	L mm	kg
<b>515.3101</b>	210,0	340,0	2,00

## GREASE GUN

### PNEUMATIC GREASE GUN FOR STROKE BY STROKE CONVEYANCE OF GREASE

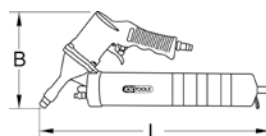
- Air exhaust through the handle
- For one handed operation with balanced ergonomic design
- For cartridges and buckets and/or also for loose grease
- Includes flexible hose and nozzle
- Includes 1/4" coupling connector
- Grease feeding: one stroke per trigger actuation



**66,<sup>50</sup> €**

#### Technical data:

Output pressure:	260 bar
Output per stroke cm <sup>3</sup> :	1,30
Capacity:	400 g
Air consumption:	170 l/min
Operating pressure:	6,3 bar (90 psi)
Connection thread:	1/4"PT



	B mm	L mm	kg
<b>515.3900</b>	165,0	400,0	1,50

## QUICK-LOCK COUPLING FOR GREASE GUNS

- Ideal for commercially available manual, battery operated and pneumatic grease guns
- Secure greasing during maintenance work without holding in place
- Uncoupling possible with pressures up to over 690 bar
- No spraying when uncoupling
- Simple and secure loosening, even under high pressure through lever actuation



**39,<sup>50</sup> €**

	Connection thread	Length mm	Height mm	Weight kg
<b>980.1108</b>	1/8"PT	74,0	38,0	100

## GREASE GUN ADAPTOR SET

- Ideal for commercially available manual, battery operated and pneumatic grease guns
- Adaptor with sliding sleeve for break-proof connection
- Straight and angled grease nipple
- For grease nipples out of steel, brass and stainless steel

**7 pcs**

**Application range:** Cone, funnel, ball and flat grease nipples



**54,<sup>50</sup> €**

			Weight kg
<b>980.1100</b>	7 pcs		1,99

## PRESSURISED AIR PISTOL CARTRIDGES

### PNEUMATIC CARTRIDGE PISTOLS 310 ML

- For working with cartridges and soft packs
- Ideal for glue, silicone or acrylic based cartridges
- For gluing front windscreens as well as most rear and side windows
- Perfect run in the cartridge cylinder with the telescopic principle and therefore no cylinder tipping or air intake
- Drip-free mechanism



**157,<sup>50</sup> €**

#### Technical data:

Compressive force:	90 kg
Operating pressure:	max. 6,3 bar (90psi)
Max. flow rate:	40 l/min
Noise pressure level:	70 dbA
Connection thread:	1/4"PT

	Length mm	Height mm	Replacement nozzle	Weight kg
<b>515.1975</b>	400,0	200,0	980.1001	1,00

### PNEUMATIC CARTRIDGE PISTOLS 600 ML

- For working with cartridges and soft packs
- Ideal for glue, silicone or acrylic based cartridges
- For gluing front windscreens as well as most rear and side windows
- Perfect run in the cartridge cylinder with the telescopic principle and therefore no cylinder tipping or air intake
- Drip-free mechanism



**200,<sup>50</sup> €**

#### Technical data:

Compressive force:	90 kg
Operating pressure:	max. 6,3 kg/cm <sup>3</sup> (90psi)
Max. flow rate:	40 l/min
Noise pressure level:	70 dbA
Connection thread:	1/4"PT

	Length mm	Height mm	Replacement nozzle	Weight kg
<b>515.1985</b>	620,0	200,0	980.1001	1,30



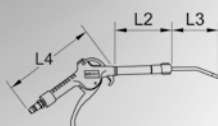
## AIR BLOW OUT TOOLS

### TELESCOPIC PNEUMATIC BLOW OUT PISTOL

- With stepless extendable nozzle
- Telescopic blast pipe in length and angle adjustable 90° - 190 mm / 360°
- Ideal for cleaning and removing of foreign objects
- Controllable air volume
- Direct air coupling suitable for connection



**27,90 €**



	L2 mm	L3 mm	L4 mm	Weight g
<b>515.1907</b>	120,0	90,0	195,0	200

### PNEUMATIC BLOW OUT PISTOL WITH FLOW REGULATION

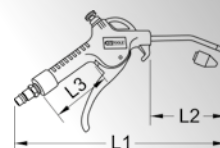
- Ideal for cleaning and removing of foreign objects
- Controllable air volume
- Direct air coupling suitable for connection
- Easy to operate
- Ultra light robust housing special plastic



**9,90 €**

#### Technical data:

Input pressure: max. 15 bar  
Operating pressure: max. 6,3 bar (90 psi)  
Max. flow rate: 300 l/min  
Noise pressure level: 90 dbA  
Connection thread: 1/4"PT



	L1 mm	L2 mm	L3 mm	Weight g
<b>515.1901</b>	235,0	100,0	75,0	150

### UNIVERSAL PNEUMATIC BLOW OUT PISTOL

- Ideal for cleaning and removing of foreign objects
- Ergonomic handle
- Controllable air volume
- With hanging function
- Direct air coupling suitable for connection
- Easy to operate
- Slip proof handle
- Includes 1/4" coupling connector
- Ultra light robust housing special plastic



#### Technical data:

Input pressure: max. 15 bar  
Operating pressure: max. 6,3 bar (90 psi)  
Max. flow rate: 300 l/min  
Noise pressure level: 90 dbA  
Connection thread: 1/4"PT



	L1 mm	L2 mm	L3 mm	Weight g	Price
<b>515.1902</b>	235,0	95,0	75,0	170	€ 18,50
<b>515.1903</b>	470,0	330,0	75,0	240	€ 20,50
<b>515.1904</b>	650,0	510,0	75,0	280	€ 19,50

### PNEUMATIC BLOW OUT PISTOL SET

- Ideal for cleaning and removing of foreign objects
- Ergonomic handle
- Controllable air volume
- Direct air coupling suitable for connection
- Ultra light robust housing special plastic

**3  
pcs**



**19,90 €**

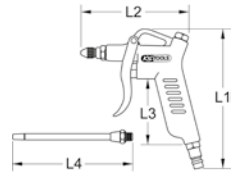
	Weight g
<b>515.1921</b>	690



**24,90 €**

## PNEUMATIC BLOW OUT PISTOL WITH EXTENSION

- Ergonomic handle
- Controllable air volume
- With 2.5 mm nozzle
- Direct air coupling suitable for connection
- Easy to operate
- With hanging hole
- Includes 1/4" coupling connector
- Solid metal base body
- Robust metal housing



### Technical data:

Input pressure:	max. 15 bar
Operating pressure:	max. 6,3 bar (90 psi)
Max. flow rate:	130 l/min
Noise pressure level:	90 dbA
Connection thread:	1/4"PT

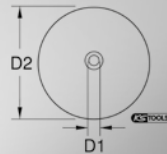
	L1 mm	L2 mm	L3 mm	L4 mm	Weight kg
<b>515.1930</b>	125,0	110,0	75,0	125,0	180

## PROTECTIVE SHIELD FOR COMPRESSED-BLOWING PISTOLS

- Optimal protection for fluids spraying back or particles when blowing
- Suitable to be attached on the pneumatic blowing pistol
- Ideal for models with 6 mm nozzle diameter
- Stable protection shield made from see-through plastic
- Safe and easy use



**9,90 €**



	D1 mm	D2 mm	Weight kg
<b>515.1912</b>	6,0	100,0	50

## PNEUMATIC AIR BLOW GUN, LONG

- With 90° side nozzle and Venturi nozzle
- Ideal for cleaning and removing of foreign objects also in hard to reach places
- Grip area with insulated lance to protect it from cold
- Controllable air volume
- Direct air coupling suitable for connection



**69,90 €**

### Technical data:

Input pressure:	max. 15 bar
Operating pressure:	max. 6,3 bar (90 psi)
Max. flow rate:	540 l/min
Noise pressure level:	90 dbA
Connection thread:	1/4"PT



	Length mm	Weight kg
<b>515.1915</b>	3 pcs 1100,0	510

**3  
pcs**

## VACUUMS

### PNEUMATIC SUCTION AND BLOW GUN

- zum Absaugen von Schmutz in den Staubbeutel sowie Ausblasen von Oberflächen
- Includes reinforced fabric dust collection bag
- Versatile usage
- Includes 1/4" coupling connector
- Robust housing



**39,90 €**

### Technical data:

Operating pressure:	max. 6,3 bar (90 psi)
Max. flow rate:	96 l/min
Noise performance level:	96 dbA
Noise pressure level:	92 dbA
Min. tube diameter:	3/8" - 10 mm
Connection thread:	1/4"

	Length mm	Weight kg
<b>515.5090</b>	145,0	670



## PNEUMATIC CLEANING GUNS

### PNEUMATIC CLEANING GUN

- Ideal for professional cleaning of cushions, door pillars, ventilation channels, carpets, foot mats, fabric seats etc.
- Unique, cyclonic, ball bearing mounted rotation cleaning technology
- For all possible surfaces, cleaned damp or dry
- Also suitable for hard-to-reach places, e.g. between seats and seams
- Cleaned surfaces also dry extremely quickly thanks for the fine misted cleaning solution



**141,90 €**

#### Technical data:

No load current:	8000 r.p.m.
Vibration acceleration:	< 3,9 m/s <sup>2</sup>
Noise performance level:	106 dbA
Noise pressure level:	95 dbA
Operating pressure:	max. 6,3 bar (90 psi)
Min. tube diameter:	3/8" - 10 mm
Connection thread:	1/4"PT



Capacity of the unit



**515.1980**

1.000 ml

680

### CLEANING BRUSH-ADAPTOR

- Ideal addition for cleaning the interior
- Can be used in conjunction with pneumatic cleaning guns (515.1980)
- With screw connection
- Plastic housing



**515.1983**

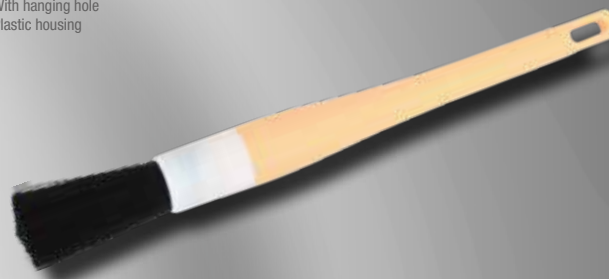
Cleaning Brush-Adaptor

27

€ **5,90**

### CLEANING BRUSH

- Ideal addition for cleaning the interior
- Can be used in conjunction with pneumatic cleaning guns (515.1980)
- With hanging hole
- Plastic housing



**515.1986**

Cleaning Brush

60

€ **5,90**

## INTERNAL CLEANING

### PNEUMATIC CLEANING GUN SET WITH SUCTION HOSE

- Ideal for professional cleaning of cushions, door pillars, ventilation channels, carpets, foot mats, fabric seats etc.
- Pneumatic operated with simple handling
- Unique, cyclonic, ball bearing mounted rotation cleaning technology
- For all possible surfaces, cleaned damp or dry
- Includes 360° rotating and 30° angled ball joint and plug nipple



**211,90 €**

#### Technical data:

No load current:	6000 r.p.m.
Vibration acceleration:	< 3,9 m/s <sup>2</sup>
Noise performance level:	109 dbA
Noise pressure level:	98 dbA
Operating pressure:	max. 6,3 bar (90 psi)
Min. tube diameter:	3/8" - 10 mm
Connection thread:	1/4"PT



Capacity of the unit



**515.1935**

1.000 ml

1150

### PNEUMATIC CLEANING GUNS

- Ideal for spraying cleaning fluids or oils
- With integrated storage tank 750 cm<sup>3</sup>
- Simple handling
- Sturdy design

**Application range:** Waxing, sealing, impregnating, spraying cold cleaners in or on to surfaces, washing agents, antirust agents, spray oils etc.



**46,50 €**

#### Technical data:

Operating pressure:	max. 6,3 bar (90 psi)
Air consumption:	170 l/min
Min. tube diameter:	3/8" - 10 mm
Connection thread:	1/4"

Length  
mm

Height  
mm

Ø  
mm



**515.1911**

310,0

230,0

4,5

500

## SPRAY GUNS

### PNEUMATIC SAND BLASTER

- Ideal for specific working
- Suitable for blasting material grain size 46-100
- Suitable for quartz sand, glass beads, plastic granulate, aluminium oxide, standard corundum and glass granulate
- Supply for blasting material can be switched off and therefore also be used as normal pneumatic guns

Application range: Paint stripping, paint removal, rust removal, cleaning, surface cleaning



**100,<sup>50</sup> €**

#### Technical data:

Operating pressure:	max. 6,3 bar (90 psi)
Air consumption:	200 l/min
Min. tube diameter:	3/8" - 10 mm
Connection thread:	1/4"NPT

	Length mm	Height mm	Ø mm	kg
<b>515.1909</b>	260,0	280,0	5,0	1,30

## PNEUMATIC CLEANING GUNS

### SODA PNEUMATIC CLEANING GUN

- suitable for cleaning and removing paint, colours, etc.
- for all possible surfaces, such as glass, plastic, rubber, wood, stone, etc.
- Soda blasting agent neither heats nor warps the panel
- Efficient and environmentally-friendly cleaning with NaHCO<sub>3</sub> (soda)
- Cold insulated handle



**79,<sup>50</sup> €**

#### Technical data:

Operating pressure:	max. 6,3 - 8,2 bar (90 - 120 psi)
Min. tube diameter:	3/8" - 10 mm
Connection thread:	1/4"
Air consumption:	57 l/min

	kg
<b>515.1919</b>	1,47

## PNEUMATIC FLUSH GUN

### COOLING SYSTEM PNEUMATIC FLUSH GUN

- ideal for fast and efficient rinsing of the cooling system
- restores optimum operation of the cooling system
- can be used without solvents or aggressive chemicals
- works in conjunction with pneumatic and water, increasing the water pressure
- for all common coolant hoses



**66,<sup>50</sup> €**

#### Technical data:

Input pressure:	max. 8,5 bar
Operating pressure:	max. 6,3 bar (90 psi)
Connection thread:	1/4"PT

	Ø mm	Length mm	kg
<b>515.1216</b>	19,0 / 29,0 / 32,0 / 36,5 / 40,0	350,0	300

### SODA BLASTING AGENT

- suitable for cleaning and removing paint, colours, etc.
- for all possible surfaces, such as glass, plastic, rubber, wood, stone, etc.
- Soda blasting agent neither heats nor warps the panel
- Efficient and environmentally-friendly cleaning with NaHCO<sub>3</sub> (soda)
- in a practical 5 kg bucket



**39,<sup>50</sup> €**

#### Technical data:

Water content:	< 0,25%
Chloride content:	< 150 ppm
Sulphate content:	< 150 ppm
sieve fraction:	< 0,5 mm: 95%

	kg
<b>515.1923</b>	5,38



## WHEEL FILLING GAUGE

### CALIBRATED TYRE FILLING GAUGE

- For one handed operation with ergonomic design
- with rubber-coated manometer
- Manometer with bar scale
- With filling lever and pressure release button
- Hose with integrated locking male nipple



#### Technical data:

Working range: 0 - 10 bar  
0 - 140 psi  
Hose length: 400 mm  
Operating pressure: max. 6,3 bar (90 psi)  
Connection thread: 1/4"PT

**61,90 €**



**515.1960**

450

### TYRE FILLING GAUGE

- For one handed operation with ergonomic design
- Manometer with bar and psi scale
- With filling lever and pressure release button
- long hose with integrated moment plug nipple
- Robust rubber coated housing



#### Technical data:

Working range: 0 - 12 bar  
9 - 160 psi  
Hose length: 600 mm  
Operating pressure: max 6,3 bar (90 psi)  
Connection thread: 1/4"PT

**19,90 €**



**515.1950**

600

### TYRE FILLING GAUGE

- For one handed operation with ergonomic design
- Manometer with bar and psi scale
- With filling lever and pressure release button
- extra long hose with integrated instant nipple plug
- Robust rubber coated housing



#### Technical data:

Working range: 0 - 12 bar  
0 - 174 psi  
Hose length: 1000 mm  
Operating pressure: 6,3 bar (90 psi)  
Connection thread: 1/4"PT

**47,50 €**



**515.1920**

420

### DIGITAL TYRE FILLING GAUGE

- For one hand operation
- Manometer with digital display
- With filling lever and pressure release button
- With automatic switch-on and off
- Switchable: Bar, PSI, KPA, Kg/cm<sup>2</sup>



#### Technical data:

Working range: 0 - 14 bar  
0 - 200 psi  
Battery: 2x 1,5V (AAA)  
Hose length: 500 mm  
Operating pressure: max. 6,3 bar (90 psi)  
Working temperature: - 15°C to + 60°C  
Connection thread: 1/4"PT

**80,50 €**



**515.1970**

490

\*This is an limited special price offer - only until stocks last.

All prices are ex. VAT. With the release of this leaflet all previous prices became invalid. Sold only in specialist stores. Print mistakes, errors and technical alterations excepted. Prices valid up to 30.09.2023

## PNEUMATIC VIBRO-EXTRACTOR



**5 pcs**

**1/4"**

8 mm  
10 mm  
12 mm

1 = 10 Nm  
2 = 20 Nm  
3 = 30 Nm  
4 = 40 Nm

1/4" PT

<b>152.1060</b>	5 pcs	1,80
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### GLOW PLUG PNEUMATIC VIBRATION SCREWDRIVER SET

- Ideal for loosening and extracting jammed glow plugs
- Especially suitable in glow plugs jammed by corrosion and/or soot coal
- Produces controlled vibration impulse
- Suitable for all current glow plugs
- Extensive cost intensive repairs can be avoided through dismantling glow plugs



#### Technical data:

Square drive:	1/4"
Max. tightening torque:	40 Nm
Max. loosening torque:	1 = 10 Nm
	2 = 20 Nm
	3 = 30 Nm
	4 = 40 Nm
No load current:	7500 r.p.m.
Vibration acceleration:	< 2,52 m/s <sup>2</sup>
Noise performance level:	104 dbA
Noise pressure level:	88 dbA
Recommended torque:	42 Nm
Air consumption:	128 l/min
Operating pressure:	max. 6,3 bar (90 psi)
Max. screw size:	M16
Min. tube diameter:	3/8" - 10 mm
Connection thread:	1/4"PT

**266,50 €**

## AXLE BOOTS ASSEMBLY DEVICES

### PNEUMATIC ASSEMBLY TOOL FOR CV JOINT BOOTS

- Air exhaust through the handle
- Suitable for all universal car axle boots (soft)
- Also suitable for all-wheel vehicles and small transporters
- For drive shaft joint diameters from 25 - 110mm
- With 8 extremely robust spreader arms
- Spreading of the articulated arms by pneumatic
- Air pressure is regulated through a button
- No additional lubricant necessary
- With integrated safety valve
- Includes 1/4" coupling connector
- Light and robust design



#### Technical data:

max. Expansion diameter:	25 - 110 mm
Operating pressure:	max. 8 bar
Min. tube diameter:	3/8" - 10 mm
Connection thread:	1/4"PT

	Width mm	Length mm	kg
<b>515.3100</b>	200,0	450,0	2,27



**99,90 €**



## BRAKE PISTON RESET TOOL

### PNEUMATIC SPINDLE FOR BRAKE PISTON ADAPTOR

- Ideally suited to damage-free resetting of the brake piston
- The turning direction is set by the user via the angle piece at the end of the spindle
- Automatic balancing of different thread slopes with the continuous spindle
- With universal pin adapter with magnetic spindle adapter plate
- Allows for a central resetting of the brake piston without tilting



**79,<sup>50</sup> €**

	Length mm	3/8" Extension square adaptor	kg
<b>150.2039</b>	260,0	150.2041	2,85

### PNEUMATIC SPINDLE FOR BRAKE PISTON ADAPTOR FOR CONFINED SPACES

- ideal for confined spaces due to optimised counter holding plate
- Ideally suited to damage-free resetting of the brake piston
- The turning direction is set by the user via the angle piece at the end of the spindle
- Comfortable and fast working through pneumatic spindle
- Whilst carrying out maintenance work and when changing the brake pads it is necessary to push the brake pistons back into the brake calliper



**90,<sup>90</sup> €**

	Length mm	3/8" Extension square adaptor	kg
<b>150.2237</b>	260,0	150.2041	2,85

### UNIVERSAL BRAKE PISTON RESET TOOL ADAPTER SET

**3  
pcs**

- With individually adjustable 2-pin and 3-pin universal brake piston adapter and 3/8" adapter with magnet
- Ideally suited to damage-free resetting of the brake piston
- No damage to sleeves, pistons or piston holes in the brake calliper
- Whilst carrying out maintenance work and when changing the brake pads it is necessary to push the brake pistons back into the brake calliper
- can be combined with conventional brake piston restorers



**52,<sup>50</sup> €**

<b>150.2295</b>	3 pcs		392

### UNIVERSAL BRAKE PISTON RE-SETTER TOOL SET WITH PNEUMATIC SPINDLE

**3  
pcs**

- With individually adjustable 2-pin and 3-pin universal brake piston adapter
- Ideally suited to damage-free resetting of the brake piston
- The turning direction is set by the user via the angle piece at the end of the spindle
- Comfortable and fast working through pneumatic spindle
- Whilst carrying out maintenance work and when changing the brake pads it is necessary to push the brake pistons back into the brake calliper



**157,<sup>50</sup> €**



<b>150.1925</b>	3 pcs		1,66

## AIR HOSE



### PU AIR SPIRAL COILED HOSE

- Flexible, crush resistant polyurethane hose
- Tube ends with anti kink device
- Rotating fitting
- Flexible in cold
- Oil and petrol resistant

#### Technical data:

Temperature constancy: -40°C - +70°C  
Max. pressure: 12 bar

	Tube Ø mm	Connection	Hose length in m	Suitable coupling	Suitable plug nipple	kg	
<b>515.3330</b>	6	G1/4" OT	8,0	515.3483	515.3492	0,60	€ 24, <sup>90</sup>
<b>515.3335</b>	8	G1/4" OT	15,0	515.3483	515.3492	1,20	€ 34, <sup>90</sup>
<b>515.3340</b>	10	G3/8" OT	15,0	515.3484	515.3493	1,80	€ 39, <sup>90</sup>

### PU-PNEUMATIC TUBE

- High quality pneumatic hose
- Suitable for pneumatic and water
- Light and crush free material
- Long service life
- Oil and petrol resistant

#### Technical data:

Temperature constancy: -40°C - +70°C  
Max. pressure: 15 bar

	Ø mm	Connection	Hose length in m	Suitable coupling	Suitable plug nipple	kg	
<b>515.3344</b>	6 x 9	G1/4" OT	20,0	515.3483	515.3492	1,00	€ 66, <sup>50</sup>
<b>515.3345</b>	9 x 12	G1/4" OT	20,0	515.3483	515.3492	1,75	€ 79, <sup>50</sup>



### AIR HOSE WITH SIGNAL FLUORESCENT COLOUR

- more flexible pneumatic hose
- Light and crush free material
- the fluorescent colour of Signal hose is easily detectable and prevents tripping
- abrasion-resistant
- Oil and petrol resistant

#### Technical data:

Temperature constancy: -40°C - +65°C  
Max. pressure: 20 bar

	Tube Ø mm	Hose length in m	Suitable coupling	Suitable plug nipple	kg
<b>515.3420</b>	10,0	10,0	515.3487	515.3496	3,00

**72,<sup>90</sup> €**



### AUTOMATIC AIR HOSE REEL Ø 10 MM X 15 M

- With wall mounting bracket
- For pneumatic and water
- Drum 180° freely tiltable by means of wall mounting
- Automatic hose return
- Impact resistant plastic housing

**3/8"**



**119,<sup>90</sup> €**

	Tube Ø mm	Hose length in m	kg
<b>515.3440</b>	10,0	15 + 1,5	7,02

### AUTOMATIC AIR HOSE REEL Ø 13 MM X 15 M

- With wall mounting bracket
- For pneumatic and water
- Drum 180° freely tiltable by means of wall mounting
- Automatic hose return
- Impact resistant plastic housing

**1/2"**



**179,<sup>90</sup> €**

	Tube Ø mm	Hose length in m	kg
<b>515.3445</b>	13,0	15 + 1,5	10,20



## AIR SERVICE UNIT

### PNEUMATIC WATER TRAP

- For separating condensation
- Assembly directly in the access direction
- Made out of sintered metal



1/4"

**29,90** €

	Size outside thread	Size internal thread	Spanner width mm	Length mm	Icon
515.3370	1/4"	1/4"	14	88,0	140

### PNEUMATIC SIDE OILER

- For automatic oiling of pneumatic tools
- To test oil state through transparent visibility glass
- Compact execution
- Extends the service life of pneumatic tools
- Assembly directly in the access direction



1/4"

**16,50** €

	Size outside thread	Size internal thread	Spanner width mm	Length mm	Icon
515.3360	1/4"	1/4"	17	54,0	110

### PNEUMATIC PRESSURE REDUCER OF MAXIMUM 10 BAR TO 6.2 BAR

- Regulates the air flow volume and protects pneumatic tools
- Can be installed in the pneumatic line or directly to the pneumatic device
- Maximum input pressure 10 bar
- Output pressure is 6.2 bar
- Includes 1/4" coupling connector and adapter



1/4"

**79,50** €

	Ø mm	Length mm	Icon
515.3366	48	62,0	142

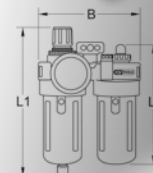
## AIR SERVICE UNIT

- Suitable for wall mounting
- Consists of filter pressure reducer, oil regulator and manometer
- For the assembly of pneumatic tools
- Output pressure regulates independent of the input pressure
- Filters dirt particles and condensation



#### Technical data:

Max. pressure:	16 bar
Max. working pressure:	12 bar
Pressure gauge:	0,5 - 12 bar
Allowable temperature range:	-10° - +55°C
Air pressure up to 6,3 bar:	1/4" = 1800 l/min 3/8" = 5000 l/min 1/2" = 5000 l/min
Filter pressure more inferior:	1/4" = 30 ml 3/8" = 50 ml 1/2" = 50 ml
Oil trap:	1/4" = 40 ml 3/8" = 170 ml 1/2" = 170 ml



	Connection	B mm	L1 mm	L2 mm	Icon	
515.3355	1/4"	140,0	200,0	135,0	0,43	€ 104,90
515.3350	3/8"	140,0	200,0	135,0	1,14	€ 118,90
515.3356	1/2"	140,0	200,0	135,0	1,30	€ 145,50

## PNEUMATIC ADAPTERS & COUPLINGS

### METAL BALL JOINT FITTING NIPPLE

- Prevents damage to the pneumatic hose
- 360° rotatable and 30° angleable
- for pneumatic hoses 1/4" male thread
- Ideal for use with spray guns
- Diameter 7,2 mm



1/4"

**16,50** €



	Size outside thread	Spanner width mm	Length mm	Icon
515.3395	1/4"	21	56,0	50

### METAL BALL JOINT FITTING NIPPLE

- Prevents damage to the pneumatic hose
- Joint absorbs pivoting movements when used with spray gun
- 360° rotatable and 30° angleable
- for pneumatic hoses 1/4" female thread
- Diameter 7,2 mm



1/4"

**11,90** €

	Size internal thread	Spanner width mm	Length mm	Icon
515.3394	1/4"	16	46,0	30

### METAL AIR INLET CONNECTOR

- for pneumatic hoses 1/4" male thread
- Steel body
- Surface nickel-plated
- Diameter 7,75 mm

**Application range:** Germany (Standard), Austria, Slovenia, Hungary, China, India, Portugal, Russia, Poland, Romania, Turkey



1/4"

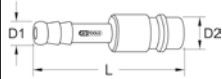
**6,50** €

	Size outside thread	Spanner width mm	Length mm	Icon
999.9086	1/4"	15	40,0	23

## METAL AIR INLET CONNECTOR WITH HOSE TAIL

- For pneumatic hoses 10 mm
- Steel body
- Surface nickel-plated

**Application range:** Germany (Standard), Austria, Slovenia, Hungary, China, India, Portugal, Russia, Poland, Romania, Turkey



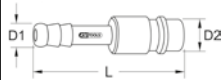
**6,50 €**

	D1 mm	D2 mm	L mm	Weight g
<b>999.9093</b>	10,0	7,6	45,0	15

## METAL AIR INLET CONNECTOR WITH HOSE TAIL

- For pneumatic hoses 10 mm
- Steel body
- Surface nickel-plated

**Application range:** Switzerland, Holland, Belgium, France



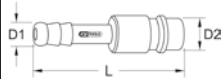
**6,50 €**

	D1 mm	D2 mm	L mm	Weight g
<b>999.9094</b>	10,0	7,6	58,0	26

## METAL AIR INLET CONNECTOR WITH HOSE TAIL

- For pneumatic hoses 10 mm
- Steel body
- Surface nickel-plated

**Application range:** Italy, Spain

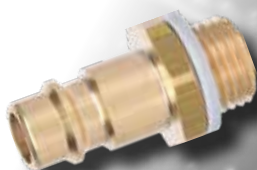


**6,50 €**

	D1 mm	D2 mm	L mm	Weight g
<b>999.9095</b>	10,0	4,9	58,5	26

## MALE COUPLING WITH MALE THREAD

- Body made of brass
- Diameter 7,2 mm



	Size outside thread	Spanner width mm	Length mm	Weight g	
<b>515.3489</b>	1/4"	17	33,0	20	€ 4,50
<b>515.3490</b>	3/8"	19	33,0	25	€ 4,50
<b>515.3491</b>	1/2"	24	35,0	41	€ 6,50

## 2-LEVEL PNEUMATIC SAFETY COUPLING WITH HOSE NOZZLE

- 2-level safety removal function
- Stage 1: Pneumatic device is depressurised
- Stage 2: Pneumatic hose can be safely uncoupled
- Size 19
- Diameter 7,0 mm



	Ø mm	Spanner width mm	Length mm	Weight g	
<b>999.9096</b>	9,0	19	95,0	52	€ 18,50
<b>999.9097</b>	11,0	19	96,0	54	€ 18,50
<b>999.9098</b>	14,5	19	98,0	62	€ 18,50

## METAL AIR INLET CONNECTOR

- for pneumatic hoses 1/4" male thread
- Steel body
- Surface nickel-plated
- Diameter 7,75 mm

**Application range:** Switzerland, Holland, Belgium, France

1/4"



**6,50 €**

	Size outside thread	Spanner width mm	Length mm	Weight g
<b>999.9087</b>	1/4"	15	44,0	23

## METAL AIR INLET CONNECTOR

- for pneumatic hoses 1/4" male thread
- Steel body
- Surface nickel-plated
- Diameter 7,75 mm

**Application range:** Italy, Spain

1/4"



**6,50 €**

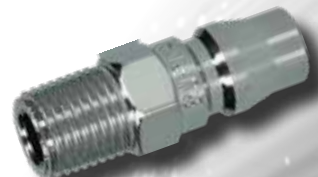
	Size outside thread	Spanner width mm	Length mm	Weight g
<b>999.9088</b>	1/4"	15	45,0	23

## METAL AIR INLET CONNECTOR

- for pneumatic hoses 1/4" male thread
- Steel body
- Surface nickel-plated
- Diameter 7,75 mm

**Application range:** South Korea, China, Japan

1/4"



**6,50 €**

	Size outside thread	Spanner width mm	Length mm	Weight g
<b>999.9089</b>	1/4"	15	40,0	25

## 2-STAGE PNEUMATIC SAFETY COUPLING

- With one handed operation
- 2-level safety removal function
- Stage 1: Pneumatic device is depressurised
- Stage 2: Pneumatic hose can be safely uncoupled
- Self sealing on the coupling
- Diameter 7,0 mm



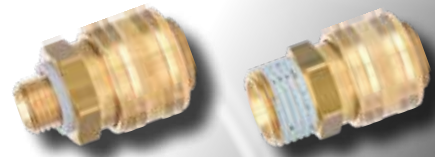
1/4"

**18,50 €**

	Size outside thread	Spanner width mm	Length mm	Weight g
<b>999.9092</b>	1/4"	4,9	77,5	54

## COUPLING WITH MALE THREAD

- With one handed operation
- Self sealing on the coupling
- Body made of brass
- Diameter 7,2 mm

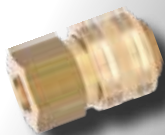


	Size outside thread	Spanner width mm	Length mm	Weight g	
<b>515.3480</b>	1/4"	22	40,0	70	€ 8,50
<b>515.3481</b>	3/8"	22	41,0	90	€ 8,50
<b>515.3482</b>	1/2"	22	43,0	90	€ 8,50



## BRASS COUPLING WITH FEMALE THREAD

- Self sealing on the coupling
- Unilaterally closing off
- Body made of brass
- Diameter 7,2 mm



	Size internal thread	Spanner width mm	Length mm		
515.3483	1/4"	22	41,0	80	€ 8, <sup>50</sup>
515.3484	3/8"	22	41,0	85	€ 8, <sup>50</sup>
515.3485	1/2"	24	43,0	90	€ 8, <sup>50</sup>

## BRASS MALE COUPLING WITH FEMALE THREAD

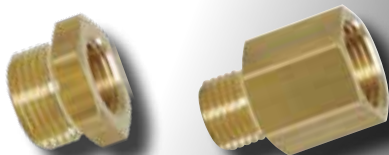
- Body made of brass
- Diameter 7,2 mm



	Size internal thread	Spanner width mm	Length mm		
515.3492	1/4"	17	33,0	22	€ 4, <sup>50</sup>
515.3493	3/8"	19	33,0	22	€ 4, <sup>50</sup>
515.3494	1/2"	24	35,0	40	€ 7, <sup>50</sup>

## BRASS REDUCING NIPPLE

- Body made of brass
- Diameter 7,2 mm



	Size outside thread	Spanner width mm	Length mm		
515.3380	1/4"	17	23,0	20	€ 4, <sup>50</sup>
515.3381	3/8"	19	23,0	30	€ 4, <sup>50</sup>
515.3382	1/2"	24	30,0	50	€ 7, <sup>50</sup>

## BRASS PNEUMATIC 3 WAY SEPARATOR

- Connection of 3 outlet lines 1/4" female thread to one inlet line
- Body made of solid brass



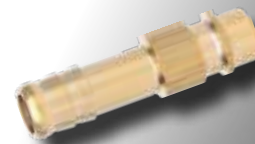
1/4"

18,<sup>50</sup> €

	Size internal thread	Spanner width mm	Length mm	
515.3375	1/4"	19	32,0	160

## MALE COUPLING WITH HOSE CONNECTOR

- Body made of brass



	D1 mm	D2 mm	L mm		
515.3495	6,0	7,2	44,0	10	€ 3, <sup>50</sup>
515.3496	9,0	7,2	44,0	20	€ 4, <sup>50</sup>
515.3497	13,0	7,2	46,0	25	€ 4, <sup>50</sup>

## BRASS COUPLING WITH HOSE CONNECTOR

- With one handed operation
- Roller locking
- Check valve
- Body made of brass



	Ø mm	Length mm		
515.3486	6,0	55,0	70	€ 8, <sup>50</sup>
515.3487	9,0	55,0	80	€ 8, <sup>50</sup>
515.3488	13,0	55,0	90	€ 8, <sup>50</sup>

	Size outside thread	Size internal thread	Spanner width mm	Length mm		
515.3383	3/8"	1/4"	19	14,0	10	€ 4, <sup>50</sup>
515.3384	1/4"	3/8"	24	26,0	30	€ 6, <sup>50</sup>
515.3385	3/8"	1/2"	24	26,0	50	€ 7, <sup>50</sup>
515.3386	1/2"	3/8"	19	18,0	60	€ 4, <sup>50</sup>

## BRASS PNEUMATIC REGULATOR

- With regulation wheel
- For regulating the air flow volume
- Assembly directly in the access direction
- Completely lockable
- Body made of brass



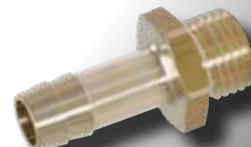
1/4"

16,<sup>50</sup> €

	Size outside thread	Size internal thread	Spanner width mm	Length mm	
515.3365	1/4"	1/4"	18	43,0	80

## BRASS HOSE NIPPLE WITH MALE THREAD

- Inner cone 45°
- Body made of brass



	Size outside thread	Ø mm	Spanner width mm	Length mm		
515.3387	1/4"	6,0	17	35,0	20	€ 4, <sup>50</sup>
515.3388	1/4"	9,0	17	35,0	20	€ 4, <sup>50</sup>
515.3389	3/8"	9,0	19	36,0	30	€ 4, <sup>50</sup>
515.3390	3/8"	13,0	19	42,0	30	€ 6, <sup>50</sup>
515.3391	1/2"	9,0	24	40,0	50	€ 7, <sup>50</sup>
515.3392	1/2"	13,0	24	46,0	50	€ 8, <sup>50</sup>

## OILS & GREASES

### PNEUMATIC TOOL OIL

- For the lubrication of pneumatic tools
- With lockable nozzle

	Volume in ml		
515.3361	100	250	€ 7, <sup>50</sup>
515.3362	1000	1100	€ 21, <sup>50</sup>



\*This is an limited special price offer - only until stocks last.

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