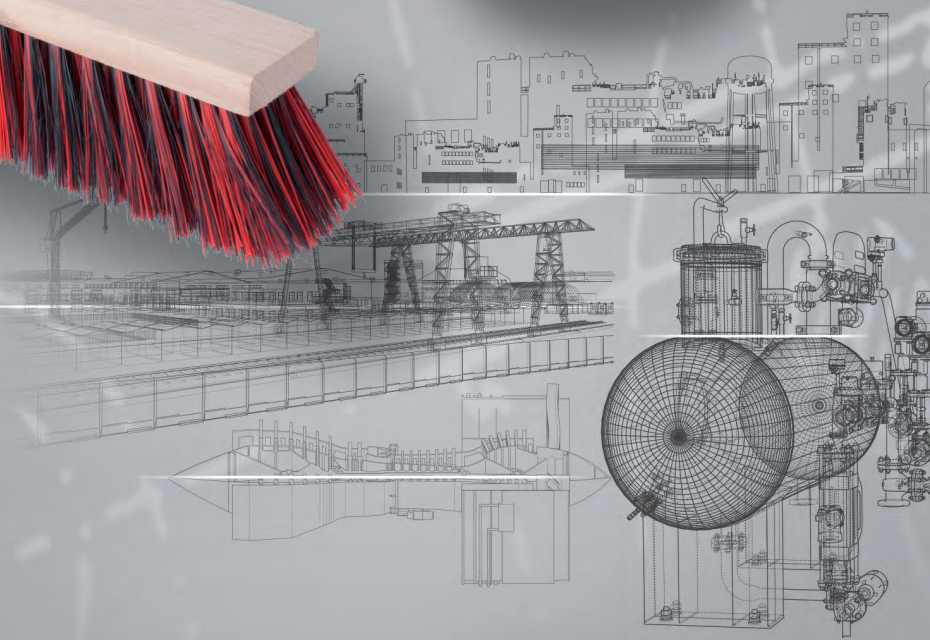




Innovation is our mission!



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PIPE PULL-IN PLIERS

Pipe pull-in pliers, straight

- Perfect for connecting metal pipes with the same diameter, such as waste, ventilation, extraction, smoke and discharge pipes
- The ends of the pipes are narrowed during the process
- Guarantees fast, exact, simple and precise connection
- Embossing punch for all round and square pipes
- Tapered to 41.3 mm with a single press
- With five cutters = three bottom and two top cutters
- Extremely robust and reliable
- Self-opening with a clamping facility
- Optimum transmission ratio
- With hanging hole
- Two component handle
- Plier body made of steel



	Length mm	g
123.0050	265,0	480

Pipe pull-in pliers, angled

- Perfect for connecting metal pipes with the same diameter, such as waste, ventilation, extraction, smoke and discharge pipes
- The ends of the pipes are narrowed during the process
- Guarantees fast, exact, simple and precise connection
- Embossing punch for all round and square pipes
- Optimised utilisation through angled head
- Tapered to 41.3 mm with a single press
- With five cutters = three bottom and two top cutters
- Extremely robust and reliable
- Self-opening with a clamping facility
- Optimum transmission ratio
- With hanging hole
- Two component handle
- Plier body made of steel



	Length mm	g
123.0051	225,0	440

SCRAPERS

Stainless steel spatula with short handle

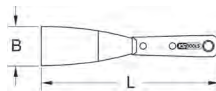
- Two component handle
- Ground
- Polished
- With hanging hole
- Extremely long service life
- Rust-proof
- Stainless steel



	Length mm	Width mm	g
144.0631	50,0	100,0	20
144.0632	75,0	113,0	30
144.0633	100,0	116,0	50
144.0634	150,0	120,0	85

Stainless steel scraper

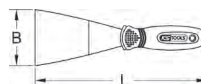
- With wooden handle
- Ground
- Polished
- With hanging hole
- Suitable for use at extremely low temperatures
- Extreme resistance to intergranular corrosion and oxidation
- Extremely long service life
- Autoclavable (heating of the tools to over 100°C to kill germs)
- Rust-proof and acid resistant
- Stainless steel



	L mm	B mm	g
907.2261	225,0	25,0	70
907.2262	225,0	38,0	70
907.2263	225,0	50,0	70
907.2264	225,0	63,0	70
907.2265	225,0	75,0	80

Stainless steel scraper

- Two component handle
- Ground
- Polished
- With hanging hole
- Stainless steel



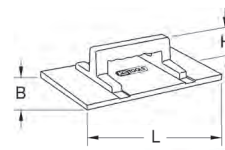
	L mm	B mm	g
144.0622	225,0	30,0	72
144.0624	225,0	40,0	73
144.0625	225,0	50,0	75
144.0626	225,0	60,0	84
144.0628	225,0	80,0	85



FLOATS

Wooden float

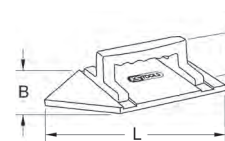
- Rectangular
- Cellular area
- With plastic handle
- Wood



	L mm	B mm	H mm	g
144.0580	270,0	180,0	70,0	310
144.0581	330,0	260,0	75,0	660
144.0582	400,0	280,0	70,0	760

Wooden float

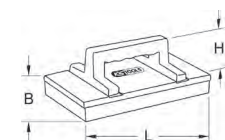
- Edge
- Cellular area
- With plastic handle
- Wood



	L mm	B mm	H mm	g
144.0583	270,0	180,0	70,0	245

Wooden float

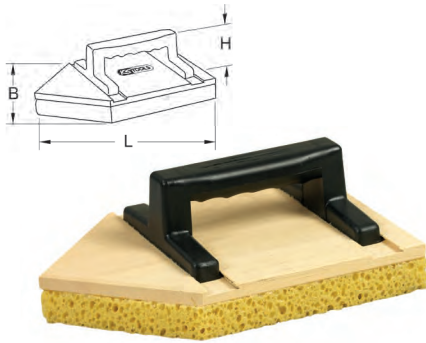
- Rectangular
- Cellular area
- With foam rubber sponge
- With plastic handle
- Wood



	L mm	B mm	H mm	g
144.0592	250,0	140,0	100,0	265
144.0593	330,0	180,0	100,0	370

Wooden float

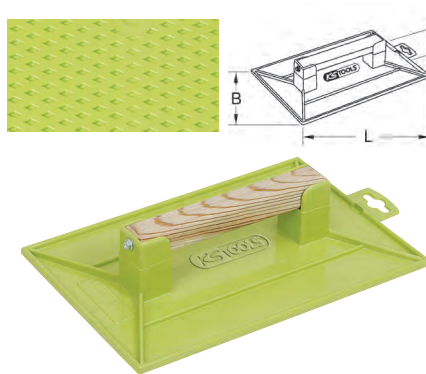
- Edge
- Cellular area
- With foam rubber sponge
- With plastic handle
- Wood



	L mm	B mm	H mm	g
144.0591	240,0	140,0	100,0	220
144.0590	270,0	180,0	100,0	290

ABS float

- Rectangular
- Cellular area
- Very good durability
- With wooden handle
- Green ABS mounting plate



	L mm	B mm	H mm	g
144.0546	200,0	120,0	60,0	190
144.0545	350,0	270,0	65,0	560
144.0540	420,0	260,0	70,0	590

ABS float

- Edge
- Cellular area
- With wooden handle
- Very good durability
- Green ABS mounting plate



	L mm	B mm	H mm	g
144.0552	200,0	130,0	50,0	150
144.0550	270,0	180,0	60,0	280

Float

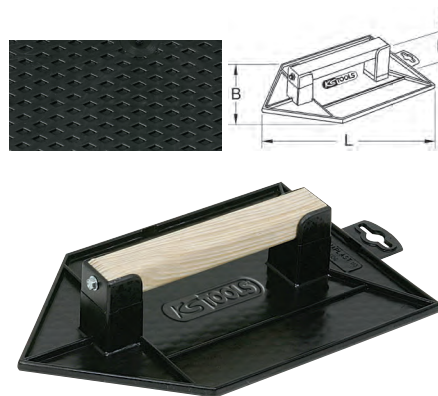
- Rectangular
- Cellular area
- With wooden handle
- Plate made from impact proof PS plastic



	L mm	B mm	H mm	g
144.0526	200,0	120,0	65,0	290
144.0521	270,0	180,0	65,0	175
144.0525	350,0	270,0	70,0	510
144.0520	420,0	260,0	70,0	530

Float

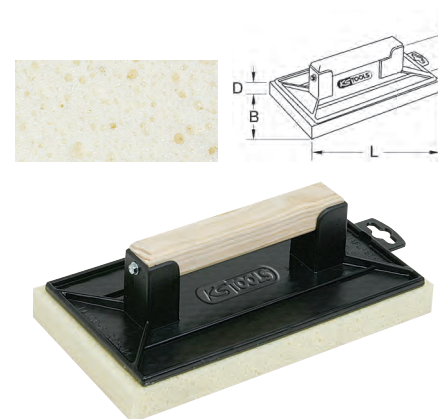
- Edge
- Cellular area
- With wooden handle
- Plate made from impact proof PS plastic



	L mm	B mm	H mm	g
144.0531	140,0	80,0	40,0	70
144.0532	200,0	130,0	55,0	140
144.0530	270,0	180,0	60,0	360

Sponge rubber float

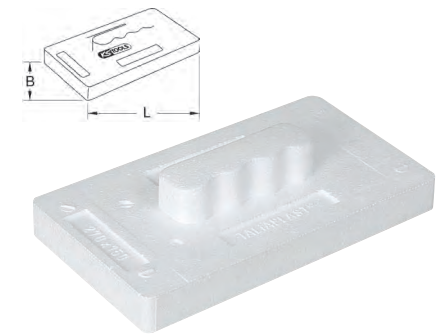
- Sponge rubber surface
- With wooden handle
- Plate made from impact proof PS plastic



	L mm	B mm	H mm	D mm	g
144.0510	210,0	130,0	90,0	30,0	160
144.0511	270,0	180,0	90,0	30,0	275

Float

- Angularly
- Hard plastic

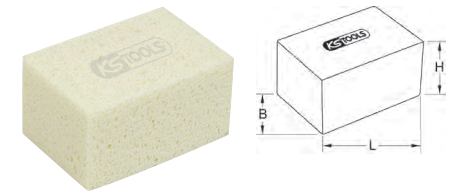


	L mm	B mm	g
144.0512	270,0	150,0	40

JOINTING

Jointing sponge

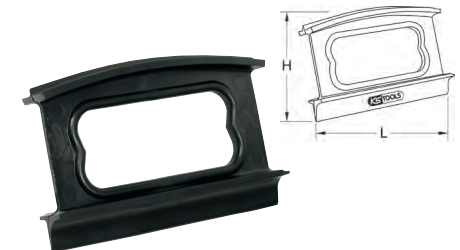
- Sponge rubber



	B mm	H mm	L mm	g
144.0514	100,0	80,0	150,0	60

Jointing rubber

- Out of one piece
- Plastic



	H mm	L mm	g
144.0570	90,0	135,0	65

Fugi-Maxi silicone scraper set

- For building sealants and expansion joints with silicone, acrylic, polyurethane etc.
- Optimum working result without tedious masking
- Through working without a release agent optimum durability and adhesion of the joints
- Plastic
- In durable plastic case



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116.1010	3 pcs	Fugi-Maxi silicone scraper set	100

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Fugi-Maxi silicone scraper set

- For building sealants and expansion joints with silicone, acrylic, polyurethane etc.
- Optimum working result without tedious masking
- Through working without a release agent optimum durability and adhesion of the joints
- Tip slides allow easy traverse ready produced seams
- Plastic
- In durable plastic case



				g
116.1020	7 pcs	Fugi-Maxi silicone scraper set	150	

FUGENFIX silicone scraper and wiper set

- For building sealants and expansion joints with silicone, acrylic, polyurethane etc.
- Optimum working result without tedious masking
- With 5 different radius adapters
- For dressing silicone
- Through working without a release agent optimum durability and adhesion of the joints
- Plastic



				g
116.1050	7 pcs	FUGENFIX silicone scraper and wiper set	115	

SAND SIEVE

Sand sieve

- Round
- Ground out of iron wire

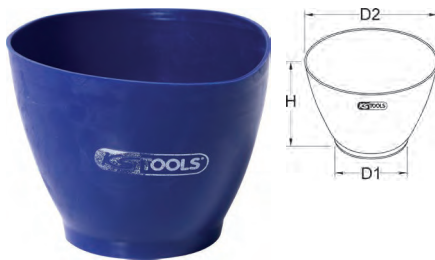


	Material	Mesh dimensions mm	D mm	H mm	g
144.0564	wood	1,90	420,0	100,0	890
144.0563	wood	2,30	420,0	100,0	900
144.0565	wood	2,80	420,0	100,0	940
144.0566	wood	3,93	420,0	100,0	910

CONTAINERS

Plaster bowl

- Conical arched form
- Extremely flexible
- Solid rubber



	g	D1 mm	D2 mm	H mm	g
999.2034	0,65	70,0	125,0	88,0	60

Plastic bucket

- Black
- Resistant to cold
- Environmentally friendly
- With steel handle Ø 5.3mm
- Plastic



	g	D1 mm	D2 mm	H mm	g
140.0036	11	220,0	300,0	240,0	520

Plastic bucket

- Black
- With scale marking
- Resistant to cold
- Environmentally friendly
- With steel handle Ø 6.3 mm
- With reinforced handle eyelets
- Plastic



	g	D1 mm	D2 mm	H mm	g
140.0035	11	220,0	300,0	240,0	520

Plastic bucket

- Black
- With scale marking
- Flexible
- Resistant to cold
- Environmentally friendly
- With steel handle Ø 6.3 mm
- Soft plastic



	g	D1 mm	D2 mm	H mm	g
140.0037	11	220,0	300,0	240,0	640

Solid rubber bucket

- Black
- Extremely flexible
- Resistant to cold
- With steel handle Ø 6.3 mm
- Solid rubber



	kg	D1 mm	D2 mm	H mm	kg
140.0038	12	205,0	300,0	265,0	1,76

Mixing tray

- Black
- Resistant to cold
- Environmentally friendly



	Material	B mm	H mm	L mm	g	
140.0040	plastic	3	210,0	70,0	310,0	135
140.0041	plastic	13	320,0	150,0	460,0	600
140.0042	plastic	25	400,0	160,0	600,0	970
140.0043	rubber	13	320,0	150,0	460,0	640
140.0044	rubber	25	400,0	160,0	600,0	1370
140.0045	solid rubber	40	500,0	195,0	685,0	7170

PLUMB LINE

Marking cord

- Ideal for marking - to use also as a plumb line
- 25 m chalk line
- With cranked handle
- Includes 150 g marking chalk
- Sturdy plastic housing



300.0080	300.0082	280
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Bricklayers chalk line

- Red powder coating
- Special tool steel



	D mm	L mm	g
300.0092	50,0	60,0	600
300.0094	55,0	65,0	800
300.0095	60,0	70,0	1000

SCREW CLAMPS

Cast iron screw clamp

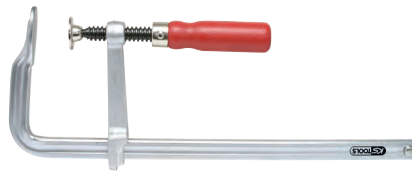
- Ideally for steel and general construction
- With pivoting clamping head
- Highly stable
- Extremely robust spindle
- With wooden handle
- Steel profile rail
- Cast iron fixed and moveable heads
- Zinc coated



	Max span depth mm	Max span width mm	Clamping Capacity N	kg
145.0101	80,0	160,0	3300	0,73
145.0109	100,0	250,0	4000	1,40
145.0112	140,0	300,0	4000	1,60
145.0117	120,0	400,0	4500	1,76
145.0119	120,0	600,0	3600	2,12
145.0126	120,0	1000,0	4500	3,70
145.0132	120,0	1500,0	4500	4,89

Cast iron screw clamp

- Ideally for steel and general construction
- Double-T-profile rail with rear dovetailing
- With pivoting clamping head
- Highly stable
- Extremely robust spindle
- With wooden handle
- Steel profile rail
- Forged fixed and moveable heads
- Zinc coated



	Max span depth mm	Max span width mm	Clamping Capacity N	kg
145.0201	50,0	100,0	2200	0,18
145.0209	80,0	160,0	3000	0,50
145.0212	140,0	300,0	6700	1,70
145.0219	120,0	250,0	5500	1,23
145.0228	120,0	400,0	7500	1,91
145.0230	120,0	600,0	7500	2,33
145.0232	120,0	1000,0	10000	3,75

Steel screw clamp with T-handle

- Ideally for steel and general construction
- Double-T-profile rail with rear dovetailing
- With pivoting clamping head
- With sliding bar through locking handle
- Highly stable
- Extremely robust spindle
- Steel profile rail
- Forged fixed and moveable heads
- Zinc coated



	Max span depth mm	Max span width mm	Clamping Capacity N	kg
145.0301	80,0	160,0	3000	0,50
145.0311	120,0	250,0	5500	1,23
145.0312	120,0	300,0	6700	1,70
145.0320	120,0	400,0	7500	1,91
145.0322	120,0	600,0	7500	2,33
145.0324	120,0	1000,0	10000	3,75

Steel lever clamp with quick release

- Ideally for steel and general construction
- For safe and strong clamping via one-hand operation
- Double-T-profile rail with rear dovetailing
- Highly stable
- Extremely robust spindle
- Steel profile rail
- Forged fixed and moveable heads
- Zinc coated



	Max span depth mm	Max span width mm	Clamping Capacity N	kg
145.0402	80,0	160,0	3000	0,53
145.0412	120,0	250,0	4000	1,50
145.0415	140,0	300,0	5000	1,90
145.0418	120,0	400,0	5500	2,40
145.0420	120,0	600,0	5500	2,83
145.0421	120,0	800,0	6000	3,64
145.0422	120,0	1000,0	3000	4,20

U screw clamp

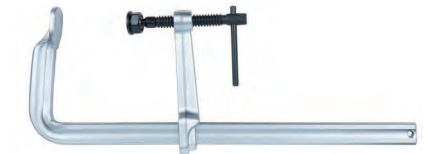
- Ideally for steel and general construction
- Double-T-profile rail with rear dovetailing
- With pivoting clamping head
- With sliding bar through locking handle
- Highly stable
- Extremely robust spindle
- Steel profile rail
- Forged fixed and moveable heads
- Zinc coated



	Max span depth mm	Max span width mm	Clamping Capacity N	kg
145.0430	140,0	300,0	3000	2,46
145.0431	140,0	300,0	3000	3,74
145.0432	175,0	300,0	3000	8,30

Power screw clamp

- Ideally for steel and general construction
- Double-T-profile rail with rear dovetailing
- With pivoting clamping head
- With sliding bar through locking handle
- Highly stable
- Extremely robust spindle
- Steel profile rail
- Forged fixed and moveable heads
- Zinc coated



	Max span depth mm	Max span width mm	Clamping Capacity N	kg
145.0435	175,0	300,0	2200	5,44
145.0436	175,0	500,0	2200	6,56

PENCILS

Carpenters pencil

- Flat oval form



	Colour code	Lead	L mm	g
300.0070	●	HB	250,0	10

Mason pencil

- Flat oval form



	Colour code	Lead	L mm	g
300.0071	●	H	250,0	10

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Pencil

- For the marking of damp surfaces
- Flat oval form



Colour code	Lead	L mm	g
300.0072	HB	250,0	10

SANDING BLOCK

Sanding block with sponge rubber backing

- Accepts emery and sandpaper etc
- Moulded handle ensures a comfortable grip
- Ideally suited to working on level surfaces
- Clamping clips made from stainless steel
- Special plastic

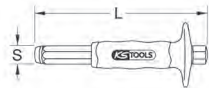


L mm	B mm	g
515.3095	210,0	105,0

FLATTENERS

Tapware assembly and dismantling set

- 8-point
- Quenched and tempered
- Special tool steel

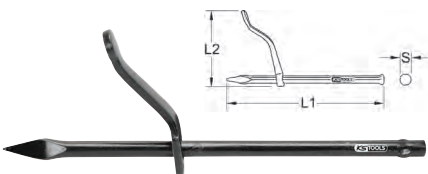


L mm	S mm	g
156.0770	170,0	16,0

CONCRETE HOOKS

Plasterers hook

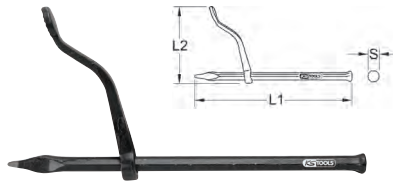
- Round
- For clamping of floorboards
- Quenched and tempered
- Black lacquer
- Special tool steel



L1 mm	L2 mm	S mm	Handle number	g	
156.0560	250,0	125,0	10,0	-	250
156.0561	300,0	130,0	10,0	-	270

Plasterers hook

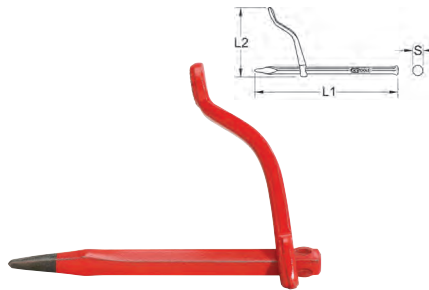
- 8-point
- For clamping of floorboards
- Quenched and tempered
- Black lacquer
- Special tool steel



L1 mm	L2 mm	S mm	Handle number	g	
156.0562	250,0	125,0	10,0	-	270
156.0563	300,0	125,0	10,0	-	300

Plasterers hook

- 4 point
- For clamping of floorboards
- Quenched and tempered
- Red lacquer
- Special tool steel



L1 mm	L2 mm	S mm	Handle number	g	
156.0568	250,0	125,0	10,0	-	250
156.0569	300,0	125,0	10,0	-	270

CROW BAR & PRY BAR

Paving crowbar, Hamburg model

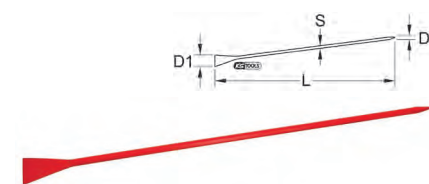
- Round
- with cutting edge
- Quenched and tempered
- Forged
- Special tool steel



A mm	L mm	kg
156.0577	30,0	1250,0
156.0578	30,0	1500,0

Crow bar

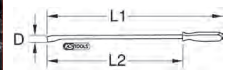
- 8-point
- Quenched and tempered
- Red lacquer
- Special tool steel



D1 mm	D2 mm	Length m	S mm	Handle number	kg	
156.0575	105,0	25,0	1,60	25,0	-	6,21
156.0576	105,0	25,0	1,80	25,0	-	7,94

Pry bar

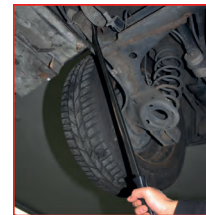
- Best suited for and breakdown and installation work
- For pressure testing securely-fitted parts
- Ergonomic single component handle
- Hardened through the whole length
- Chrome molybdenum



	D mm	L1 mm	L2 mm	g
911.8101	11,0	200,0	105,0	76
911.8102	16,0	300,0	195,0	200
911.8103	20,0	450,0	315,0	397
911.8104	20,0	600,0	465,0	507

Pry bar sets

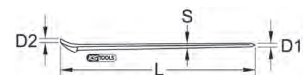
- Best suited for and breakdown and installation work
- For pressure testing securely-fitted parts
- Ergonomic single component handle
- Hardened through the whole length
- Chrome molybdenum



	kg	
911.8100	4 pcs 11 x 200 mm - 16 x 300 mm - 20 x 450 mm - 20 x 600 mm	1,33

Lever bar

- 4 point
- Quenched and tempered
- Black lacquer
- Special tool steel

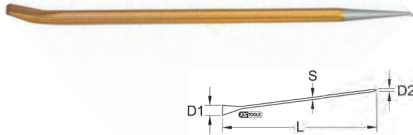


D1 mm	D2 mm	Length m	S mm	Handle number	kg	
156.0598	22,0	35,0	1,80	37,0	-	8,00



Bending iron/pry bar

- Round
- Quenched and tempered
- Forged
- Special tool steel



	D1 mm	D2 mm	L mm	S mm	kg
129.2219	22,0	5,0	605,0	19,0	1,30

Pry bar

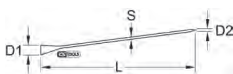
- Round
- Quenched and tempered
- Forged
- Cone polished
- Special tool steel



	D mm	L1 mm	L2 mm	S mm	kg
129.2220	5,5	500,0	170,0	20,0	970

Bending iron/pry bar

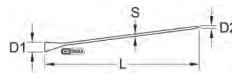
- 4 point
- Quenched and tempered
- Forged
- Cone polished
- Special tool steel



	D1 mm	D2 mm	L mm	S mm	kg
129.2221	14,0	1,0	400,0	14,0	500

Bending iron/pry bar

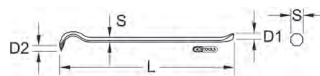
- 6 point
- Quenched and tempered
- Forged
- Cone polished
- Special tool steel



	D1 mm	D2 mm	L mm	S mm	kg
129.2222	22,0	5,0	405,0	16,0	650

Crow bar

- 6 point
- Quenched and tempered
- Red lacquer
- Forged
- Special tool steel



	D1 mm	D2 mm	Length in	S mm	Handle number	kg
156.0590	30,0	37,0	0,45	19,0	-	1,16
156.0591	32,0	40,0	0,60	19,0	-	1,30
156.0592	37,0	40,0	0,70	19,0	-	1,56
156.0593	38,0	45,0	0,80	19,0	-	1,95
156.0594	38,0	45,0	1,00	19,0	-	3,27

Special crow bar

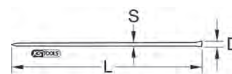
- sides
- Quenched and tempered
- Red lacquer
- Forged
- Special tool steel



	D1 mm	D2 mm	L mm	kg
129.2223	35,0	37,0	500,0	1,35
129.2224	35,0	37,0	600,0	1,80
129.2225	35,0	37,0	800,0	2,30

Crow bar

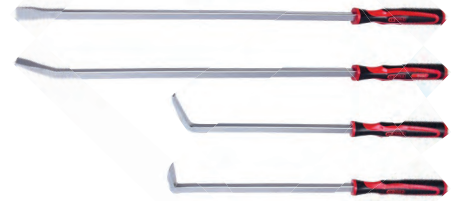
- 8-point
- Quenched and tempered
- Red lacquer
- Special tool steel



	D mm	Length in	S mm	Handle number	kg
156.0595	50,0	1,50	25,0	-	4,84
156.0596	50,0	1,80	25,0	-	5,89
156.0597	50,0	1,25	25,0	-	7,07

Pry bar

- Angular lever end guarantees non slip surface
- Ideally suited for and breakdown and installation work
- Go through blade and hammer cap
- Suitable for the testing of defective bearings
- Two component handle
- Special tool steel
- In durable plastic storage case



	Bend radius	Length mm	kg
911.8411	0°	900,0	1,70
911.8412	45°	900,0	1,75
911.8413	75°	600,0	1,17
911.8414	90°	600,0	1,20

Pry bar

- Angular lever end guarantees non slip surface
- Ideally suited for and breakdown and installation work
- Go through blade and hammer cap
- Suitable for the testing of defective bearings
- Two component handle
- Special tool steel
- In durable plastic storage case



	Bend radius	Length mm	kg
911.8415	45°	1150,0	4,75

Pry bar sets

- Angular lever end guarantees non slip surface
- Ideally suited for and breakdown and installation work
- Go through blade and hammer cap
- Suitable for the testing of defective bearings
- Two component handle
- Special tool steel
- In durable plastic storage case



			kg
911.8410	4 pcs	0°x900 - 45°x900 - 75°x600 - 90°x600 mm	8,70



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Flexible roll head pry bar

- Extremely versatile and robust execution
- Variable adjustable roll head
- Maximum power transmission in the narrowest area
- Optimal leverage in minimal work area
- Special tool steel



	Length mm	Assembly levels	g
911.8176	250,0	5	385
911.8177	300,0	5	455
911.8178	400,0	5	565

Flexible roll head pry bar set

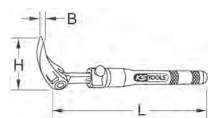
- Extremely versatile and robust execution
- Variable adjustable roll head
- Maximum power transmission in the narrowest area
- Optimal leverage in minimal work area
- Special tool steel



		kg
911.8175	3 pcs 250 - 300 - 400 mm	1,50

Telescopic flexible roll head pry bar

- Lever extension with push-button in steps
- Roller head adjustable in steps
- Extra narrow, with recessed push button
- Maximum power transmission in the narrowest area
- Optimal leverage in minimal work area
- Special tool steel



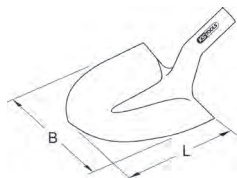
	L mm	H mm	B mm	g
911.8186	325-460	90,0	12,0	780
911.8187	600-915	120,0	20,0	1900
911.8188	865-1350	145,0	24,0	4260



SHOVEL & BROOM

Shovel

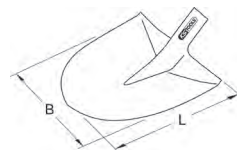
- Round
- With gooseneck
- Supplied without handle
- Black lacquer
- Special tool steel



	L mm	B mm	Handle	kg
144.0801	270,0	270,0	144.0860	1,06
144.0802	290,0	290,0	144.0860	1,17
144.0803	310,0	310,0	144.0860	1,30

Shovel

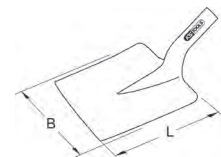
- Alsatian style
- With high edges
- Supplied without handle
- Black lacquer
- Special tool steel



	L mm	B mm	Handle	kg
144.0811	280,0	280,0	144.0861	1,13

Shovel

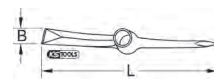
- Square
- With gooseneck
- Supplied without handle
- Black lacquer
- Special tool steel



	L mm	B mm	Handle	kg
144.0806	250,0	250,0	144.0860	1,26

Pick axe

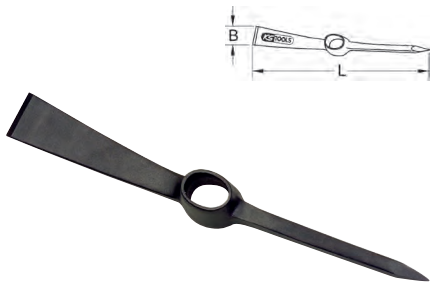
- Round
- Supplied without handle
- Black lacquer
- Special tool steel



	B mm	L mm	Handle	kg
144.0901	65,0	560,0	144.0960	2,50

Pick axe

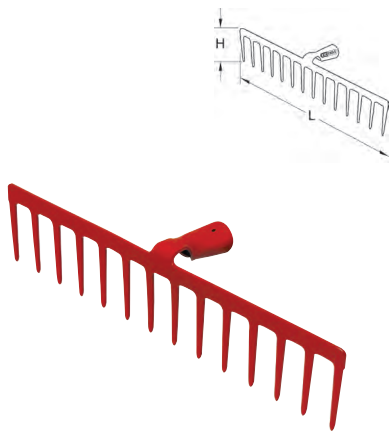
- Beveled
- Supplied without handle
- Black lacquer
- Special tool steel



	B mm	L mm	Handle	kg
144.0905	57,0	570,0	144.0961	2,50

Rake

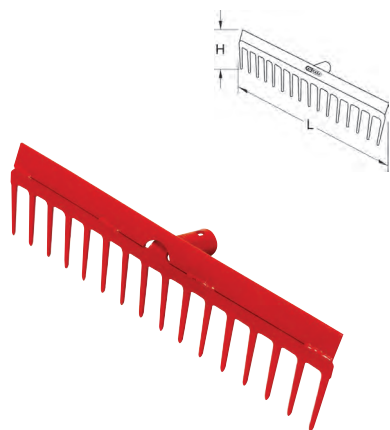
- Red lacquer
- Supplied without handle
- Special tool steel



	Tooth	H mm	L mm	Handle	kg
144.0711	14	100,0	400,0	144.0781	715
144.0712	16	100,0	460,0	144.0781	800

Rake with scraper iron for concrete and bitumen

- Red lacquer
- Supplied without handle
- Special tool steel



	Tooth	H mm	L mm	Handle	kg
144.0715	16	120,0	460,0	144.0781	1,07

Shop floor broom

- With red plastic bristles
- Best suited for yard and street
- Also in for use in the wet and snow
- Supplied without wooden handle



	D mm	L mm	Handle	kg
146.1030	22,0	300,0	146.0012	420
146.1040	22,0	400,0	146.0012	440
146.1050	22,0	500,0	146.0012	470
146.1060	22,0	600,0	146.0012	520

Shop floor broom

- With coco bristles
- Best suited for dry areas
- For inside and outside
- Supplied without wooden handle



	D mm	L mm	Handle	kg
146.2080	24,0	290,0	146.0014	300
146.2030	24,0	300,0	146.0014	580
146.2040	24,0	400,0	146.0014	630
146.2050	24,0	500,0	146.0014	670
146.2070	24,0	1000,0	144.0781	1250

Handbrush

- With wooden handle
- Best suited for dry areas
- For inside and outside
- Coco bristles



	L1 mm	L2 mm	Handle	kg
146.3005	285,0	150,0	-	145

Dustpan

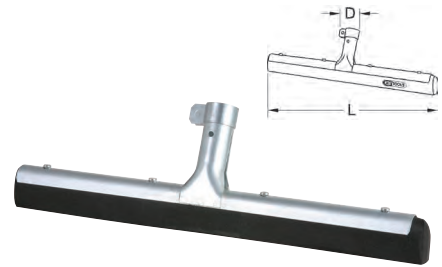
- White powder coating
- Material strength 1 mm
- Special tool steel



	L mm	B mm	Handle	kg
146.3000	228	224,0	-	270

Floor squeegee

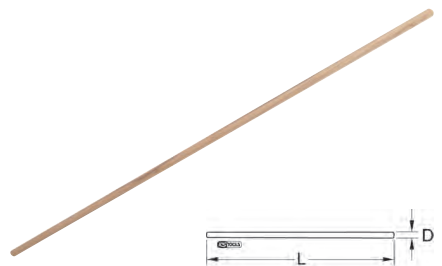
- With black foam rubber
- Zinc coated
- Supplied without wooden handle



	D mm	L mm	Handle	kg
146.3033	25,0	330,0	146.0012	230
146.3043	24,0	450,0	146.0014	190
146.3055	24,0	550,0	146.0014	220
146.3075	24,0	750,0	146.0014	350

Wooden handle

- For shovels and brooms
- Wood



	D mm	L mm	Form	kg
146.0012	22	1500,0	round	420
146.0014	24	1500,0	round	650
144.0781	28	1500,0	round	520
144.0860	40	1100,0	round	800
144.0861	40	1350,0	round	2200
144.0961	60/40	900,0	oval	750
144.0960	50	900,0	round	750

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