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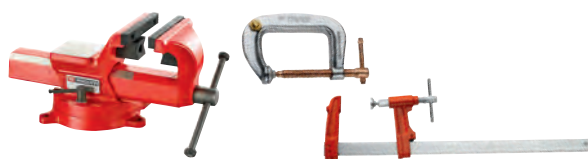
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Vices

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FLUO

RFid



PERSONAL PROTECTION EQUIPMENT

WHY WEAR GLOVES?

**1 - To protect against mechanical hazards:**

abrasion, cut, tear and perforation resistant gloves:
(leather gloves BC.109VSE and BC.110VSE).

2 - To protect against chemical hazards:

(latex gloves BC.80VSE and BC.91VSE)

3 - To protect against electrical hazards:

500 to 1,000 Volts (insulated gloves BC.VSE).

■ BC.VSE - Insulated gloves

**NF EN 60903, EN 60903, DIN EN 60903**

- Natural latex gloves, AZM classification:
 - Resistance to acid: A.
 - Resistance to ozone: Z.
 - High mechanical strength: M.
- Length: 360 mm.
- Supplied in anti-UV opaque bag.



ED	E [mm]	Class	Size [mm]	Voltage\Volt	ΔΔ [g]
BC.80VSE	0,5	00	9 (B)	500	150
BC.81VSE	0,5	00	10 (C)	500	150
BC.90VSE	1,0	0	9 (B)	1000	150
BC.91VSE	1,0	0	10 (C)	1000	150

■ BC.VSE - Safety overgloves

**NF EN 60903, EN 60903, DIN EN 60903**

- Silicon coated leather gloves protecting from mechanical risks.
- Used to protect latex insulated gloves.
- Physical and mechanical grade as per standard EN 388: 2, 1, 2, 1.
 - Abrasion: 2.
 - Cuts: 1.
 - Tears: 2.
 - Perforation: 1.



ED	Size [mm]	ΔΔ [g]
BC.109VSE	9 (B)	160
BC.110VSE	10 (C)	160


PERSONAL PROTECTION EQUIPMENT

■ BC.VSE - Insulated mats

NF C 18-421

- Rubber mat for insulation by cladding grounds.
- Thickness: 3.2 mm.
- Hardness: 60 DIDC.
- Dimensions:
 - BC.20VSE: 1 x 0,6 m.
 - BC.21VSE: 1 x 1 m.



	L x l [m]	ΔΔ [kg]
BC.20VSE	1 x 0,6	2.5
BC.21VSE	1 x 1,0	4.2

■ Wrap-around protection glasses

NF EN 166, NF EN 168, DIN EN 166, DIN EN 168.

- Protection against projections of any nature.
- Indispensable for grinding, chiseling, etc.
- "Shell" shape able to contain glasses.



	ΔΔ [g]
BC.5	82

VARIOUS MAINTENANCE

■ Steel wire brush

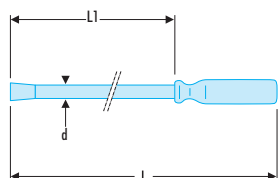


	H [mm]	l [mm]	L [mm]	ΔΔ [g]
270A.MA	60	34	280	150



VARIOUS MAINTENANCE

D.3 - Pry bars



- Numerous uses: suspension, gear train, bodywork, etc.
- Sturdy blade minimising lever spring effect.

ED	d ["]	L [mm]	L1 [mm]	ΔΔ [kg]
D.3-7	3/8	292	165	0.275
D.3-12	3/8	422	305	0.345
D.3-18	1/2	635	460	0.810
D.3-24	1/2	787	610	1.030
D.3-30	5/8	915	740	1.710

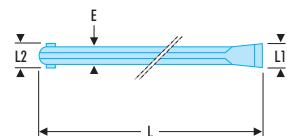
Set of 3 pry bars



- Numerous uses: suspension, gear train, bodywork, etc.
- Sturdy blade minimising lever spring effect.
- Set comprising: D.3-7 - D.3-12 - D.3-18.
- Supplied in thermoformed tray.

ED	H [mm]	l [mm]	L [mm]	ΔΔ [kg]
D.3J3	40	145	670	1.648

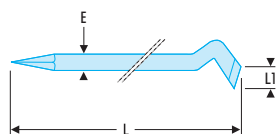
1260 - Wrecking bars



- Forged, one flat end and one nail-claw, hardened to 45 HRc.
- Presentation: red lacquered, polished, varnished ends.

ED	E [mm]	L [mm]	L1 [mm]	L2 [mm]	ΔΔ [kg]
1260.50	18	495	33	28	0.920
1260.70	23	710	39	35	1.140

268 - Round crowbars with crook beak



- Forged, one spindle end and one wide and slim pallet end, hardened to 45 HRc.
- Presentation: red lacquered, polished, varnished ends.

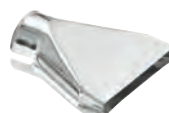
ED	E [mm]	L [mm]	L1 [mm]	ΔΔ [kg]
268.3	16	450	32	0,670
268.4	20	790	32	1,970
269	18	400	27	0,590

VARIOUS MAINTENANCE

Digital heat gun

- On / Off button easy to use with two modes:
 - Mode 1: 250 l/min – (50°-400°).
 - Mode 2: 500 l/min – (50°-600°).
 - Durable and powerful 2000 Watt motor.
 - Excellent control with wide LCD screen facilitating temperature configuration.
 - Compact and light tool with a gun handle for easy use.
 - Overheating protection: The heating element desactivates automatically for a few seconds when overheating, period during which the tool continues producing fresh air.
 - Wired tool for socket of the Europe 220-240 V / 50 Hz type.
 - Ready to use: Distribution nozzle and reflector nozzle supplied with the tool.
 - Max power : 2000 W.
 - Power supply: 220-240 V/50 Hz.
 - Air flow rate (2 speeds): 250 l/min and 500 l/min.
 - Supplied with 2 nozzles: E.2002B1 - E.2002B3.
-
- E.2002B1: Distribution nozzle, dim. (L. x h x d): 75 x 75 x 33.7 mm; weight 58 g.
 - E.2002B2: Cross-flow nozzle, dim. (L. x h x d): 75 x 80 x 33.7 mm; weight 56 g.
 - E.2002B3: Reflector nozzle, dim. (L. x h x d): 33 x 60 x 33.7 mm; weight 32 g.
 - E.2002B4: Concentrator nozzle, dim. (L. x h x d): 20 x 52 x 33.7 mm; weight 30 g.

	H [mm]	I [mm]	L [mm]	ΔΔ [g]
E.2015	210	72	250	980



E.2002B1



E.2002B2



E.2002B3



E.2002B4



Glue gun

- To glue plastic, synthetic foam, fabric, wood and laminate in the fields of construction, furniture, in assembly workshops for electrical, electronic assemblies, in the garage.
- Voltage: 110-240 V (without automatic switch).
- Maximum power: 40 W.
- Supplied in cardboard box with three versatile glue sticks.

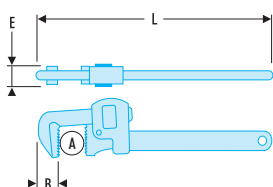


	H [mm]	I [mm]	L [mm]	ΔΔ [g]
E.900B	160	30	195	303



PIPEWORK WRENCHES

131A - Steel Stillson models

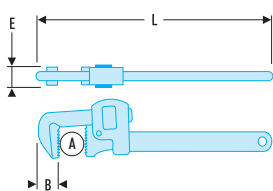


- Capacity: 0 to 102 mm; 0 to 3"1/2.
- Very robust wrench, head hardened to 55 HRC.
- Accurate approach thanks to fine machining of the threads and button, good grip.



	A maxi [mm]	A maxi ["]	B [mm]	E [mm]	L [mm]	L ["]	ΔΔ [kg]
131A.8	27	3/4	19,5	12,5	200	8	0,280
131A.10	34	1	25,0	16,0	250	10	0,600
131A.14	49	1 1/2	29,5	21,0	350	14	1,060
131A.18	60	2	32,0	24,0	450	18	1,800
131A.24	76	2'	41,5	27,5	600	24	3,000
131A.36	102	3 1/2	49,5	30,5	900	36	6,000

134A - Cast-iron American model pipe wrenches

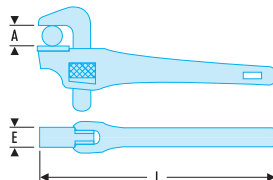
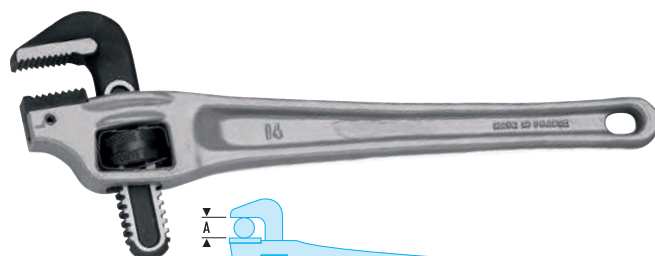


- Capacity: 0 to 140 mm; 0 to 5".
- Cast iron body.
- Interchangeable fixed jaw hardened to 55 HRC.
- Forged steel mobile jaw.



	A maxi [mm]	A maxi ["]	B [mm]	E [mm]	L [mm]	L ["]	ΔΔ [kg]
134A.8	35	1	15	14,5	200	8	0,400
134A.10	54	1 1/2	20	17,5	250	10	0,780
134A.14	60	2	26	21,5	350	14	1,500
134A.18	76	2 1/2	29	26,0	450	18	2,400
134A.24	102	3 1/2	35	29,5	610	24	4,000
134A.36	140	5	35,5	43,0	920	36	9,000

135A - Light alloy 90° offset American model pipe wrenches

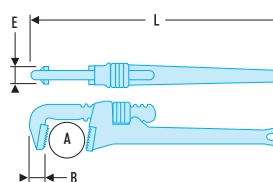


- Capacity: 0 to 76 mm; 0 to 2"1/2.
- Light alloy body.
- Jaws in steel hardened to 55 HRC.



	A maxi [mm]	A maxi ["]	E [mm]	L [mm]	L ["]	ΔΔ [kg]
135A.14	49	1 1/2	34	350	14	0,940
135A.18	60	2	39	450	39	1,480
135A.24	76	2 1/2	47	600	47	2,450

133A - Light alloy 90° offset American model pipe wrenches



- Capacity: 0 to 140 mm; 0 to 5".
- Performance equivalent to model 134A.



	A maxi [mm]	A maxi ["]	B [mm]	E [mm]	L [mm]	L ["]	ΔΔ [kg]
133A.14	60	2	26	21,5	350	14	1,000
133A.18	76	2 1/2	30	26,0	450	18	1,560
133A.24	90	3	34	29,5	600	24	2,460
133A.36	140	5	44	32,0	900	36	5,180

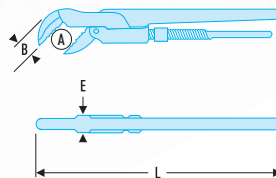
PIPEWORK WRENCHES

120A - "Swedish" model wrench - 45°

DIN 5234

- Capacity: 10 to 60 mm; 3/8" to 2".
- High-quality forged steel body.
- Special jaw design grips pipe at three points.

	A max	A max	B	E	L	Open Position	ΔΔ
	[mm]	[""]	[mm]	[mm]	[mm]	maxi [mm]	[kg]
120A.1'	34	1	22	10	345	45	0.840
120A.1'1/2	49	1'1/2	26	13	450	59	1.450
120A.2'	60	2	39	17	600	76	2.400

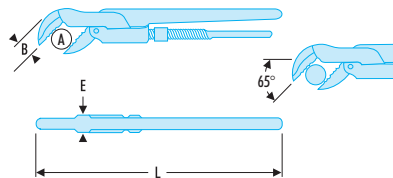


121A - "Swedish" model wrench - "S" jaws - 45°

DIN 5234

- Capacity: 10 to 60 mm; 3/8" to 2".
- High-quality forged steel body.
- Special jaw design grips pipe at three points.

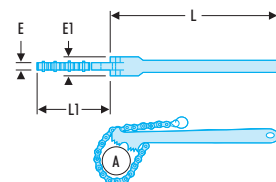
	A max	A max	B	E	L	Open Position	ΔΔ
	[mm]	[""]	[mm]	[mm]	[mm]	maxi [mm]	[kg]
121A.1'	34	1	22	14	345	48	0.850
121A.1'1/2	49	1'1/2	26	19	450	55	1.550
121A.2'	60	2	39	21	600	68	2.300



CHAIN AND STRAP WRENCHES

136A - Double effect chain wrench

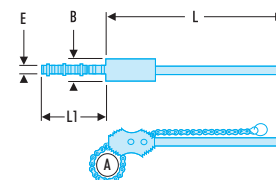
- Capacity: 60 to 140 mm.
- Hardened steel chain and body.
- Twin serrations allow rotation in either direction.
- 136.D2: spare chain for model 136A.2.
- 136.D4: spare chain for model 136C.4.



	A [mm]	A ["]	B [mm]	C [mm]	E [mm]	L [mm]	L1 [mm]	ΔΔ [kg]
136A.2	60 - 114	2 - 4'	20	7	7	360	460 - 18,5'	1.040
136C.4	90 - 140	3 - 5'	30	10	10	600	600 - 24'	3.100

137B - High power chain wrench

- Capacity: 50 to 180 mm.
- Forged steel handle.
- Serration hardened to 48 HRC.
- Jaws treated against corrosion.
- "Ratchet" system in both directions for easier trench work.
- 137B.C2P1/2: spare chain for model 137B.2P1/2.
- 137B.C4P: spare chain for high power model 137B.4P.
- 137B.C6P: spare chain for high power model 137B.6P.

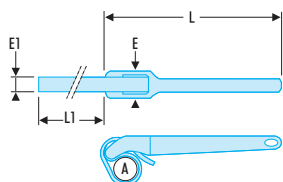


	A ["]	A [mm]	C [mm]	E [mm]	L [mm]	L1 [mm]	ΔΔ [kg]
137B.2P1/2	2 - 3'9/16	50 - 90	20	20	550	415 - 16"	4,500
137B.4	2'3/8 - 5'1/8	60 - 130	20	20	910	560 - 24"	8,000
137B.6	3'3/16 - 7'1/8	80 - 180	32	32	690	690 - 27"	10,500



CHAIN AND STRAP WRENCHES

■ 138A - Nylon strap wrenches



- Capacity: 0 to 165 mm.
- Body in aluminum alloy.
- High strength nylon strap.



	A [mm]	A ["]	E [mm]	E1 [mm]	L [mm]	L1 [mm]	ΔΔ [g]
138A.17	60	2	42	27,5	300	450	280
138A.30	125	4	42	27,5	300	760	290
138A.48	165	6	42	27,5	300	1200	310

■ 138.S - Spare strap



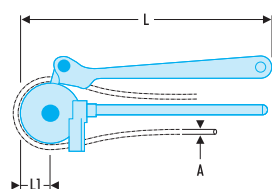
- To be used with the nylon strap wrench.
- 138.S17: spare strap L.430 mm for 138A.17.
- 138.S30: spare strap L.760 mm for 138A.30.
- 138.S48: spare strap L.1200 mm for 138A.48.



	ΔΔ [g]
138.S17	26
138.S48	44
138.S30	74

PIPE BENDERS

■ 344B - Bending pliers



- Capacity: 8 to 18 mm.
- To shape pipes in cold drawn or annealed copper.
- Easy use on the work place without particular installation.
- Bending angle measurement (0° - 180°).
- Can be carried on a tool box.
- Made in forged and machined steel.



	A ["]	A [mm]	L [mm]	L1 [mm]	ΔΔ [kg]
344B.8	5/16	8	208	14	0.340
344B.10	-	10	245	23	0.700
344B.12	-	12	270	30	0.900
344B.14	-	14	352	42	1.800
344B.16	5/8	16	380	54	2.640
344B.18	-	18	380	55	2.900

IRON-STAINLESS STEEL PIPE CUTTER

■ Iron pipe cutter



- Accurate guiding for right angle cutting.
- Min length 255 mm - max length 310 mm.
- Spread: 10 to 42 mm, 1/8 to 1" 1/8.
- 338A.F5: Set of 5 spare rollers.

	I [mm]	L [mm]	ΔΔ [kg]
338B.1	34	130	1.480

■ Stainless steel pipe cutter



- Accurate guiding for right angle cutting.
- Fitted with a wheel cutting stainless steel pipes.
- Dimensions: 160 x 34 mm.
- Spread: 21 to 60 mm, 1/2 to 2".
- 337.F5: Set of 5 spare wheels.

	L [mm]	ΔΔ [kg]
337A.2	160	2.700

■ "High precision" stainless steel pipe cutter

- Fast adjustment button, covered in soft material for enhanced comfort.
- 4 rollers for perfect pipe guiding.
- Folding deburrer.
- Supplied with spare wheel.
- Very easy wheel changing without tool.
- Cuts stainless steel pipes from 3 to 35mm.
- 334.M5: set of 5 spare wheels.



334C.35NX



333C.67NX

	ΔΔ [kg]
334C.35NX	0.440
333C.67NX	0.944



FLUO

RFid



COPPER PIPE CUTTER

■ "High precision" copper pipe cutter



334C.35



333C.67



333C.67M

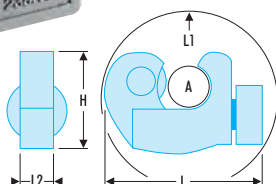
- Comfortable fast advance knob.
- Optimum pipe guiding. Cut to 90°.
- Grooves for flush flange cutting.
- Folding rotary deburrer.
- Built-in spare wheel.
- Cutting diameter: 3 - 35 mm; 1/4 - 1 1/4.

- 238A.M5: Set of 5 spare wheels.




	ΔΔ [kg]
334C.35	0.944
333C.67	0.927
333C.67M	0.938

■ Copper-pipe mini-cutter



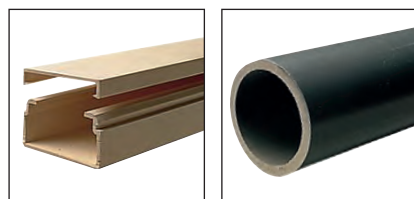
- 238B.16, grey
- Very compact.
- Can be used in situ.
- Minimal working radius.
- Set of 5 spare wheels:
 - 238B.16M5 for model 238B.16.
 - 238.M5 for old model 238.16.



	A [mm]	A ["]	H [mm]	L [mm]	L1 [mm]	L2 [mm]	ΔΔ [g]
238B.16	3 - 16	1/8 - 5/8	35	55	38	21	120


PLASTIC PIPE CUTTER

■ Ratchet pipe cutter



- Pipe cutter for PVC pipes up to 25 mm diameter: 4 x 2.5 mm max; 4 x 3/32 s. inch.
- Fast and neat cutting.
- Automatic jaw opening.
- Ratchet advance with non-return mechanism.
- Fast advance for approach on small diameters.
- Chamfering tool built into the handle.



	A maxi [mm]	A maxi ["]	l [mm]	ΔΔ [kg]
335.25	25	1	195	0.165

PLASTIC PIPE CUTTER
Large diameter ratchet pipe cutter

- Ratchet pipe cutter for PVC pipes up to 40 mm diameter.
- Easy cutting with the ratchet system.
- Blade returns to the rest position by opening the branches.



	$\Delta\Delta$ [kg]
335B.40	0.600

Plastic pipe cutter

- Ratchet pipe cutter for plastic pipes up to 63 mm diameter.
- Patented "V" profile blade for perfect cut, even on the smallest pipes.
- Stainless steel cutting blade: sturdy and long life cut.
- Can cut multiple strand flexible cables up to 5 x 2.5 mm².



	A maxi [mm]	A maxi ["]	l [mm]	$\Delta\Delta$ [kg]
335.63	63	2 1/2	430	1.100


DEBURRING - CHAMFERRING
Deburring-chamfering case

- Selection of tools necessary for deburring and chamfering pipes in steel, aluminum, copper, brass, plastic.
- Blade holder working length: 110 mm.
- 325.01 One-piece blade deburrer for steel and aluminum.
- 325.02 Tool holder handle.
- 325.03 Blade holder extension: for blades diameter 2.6 and 3.2 mm.
- 325.05 Triangular scraper, sharpening at both ends.
- 325.L1J10 Set of 10 HSS steel blades for steel and aluminum; length 23 mm; diameter 2.6 mm.
- 325.L10J10 Set of 10 HSS steel blades for steel and aluminum; length 23 mm; diameter 3.5 mm.
- 325.L35J10 Set of 10 HSS "heavy duty" steel blades for steel and aluminum; length 47 mm; diameter 3.2 mm.



	H [mm]	l [mm]	L [mm]	$\Delta\Delta$ [kg]
325	40	110	200	0.425



COLLAR TOOLS

■ Set for S.A.E-DIN, S.A.E-DIN flanges



- Capacity: copper and steel pipe \varnothing 4.75 to 12 mm", 3/16" to 1/2".
- Thickness: 0.7 to 1 mm.
- The press can be locked in a vice for more safety.
- Fast and effortless shaping.
- The set includes 11 punches and 10 dies.
- Operator instructions allow selection according to the type of flanges to produce.



	H [mm]	I [mm]	L [mm]	$\Delta\Delta$ [kg]
347	82	224	396	7.900

■ Flanging tool, metric die 6 mm - 14 mm



- Capacity: pipes diam. 6 to 14 mm.
- Allows to produce flanges tapered at 45°, at the end of copper pipes without annealing the metal.
- BP.115 dimensions: 332 x 143 x 67 mm.
- 239.MU: Inch dies: pipes \varnothing from 3/16" to 5/8".



	H [mm]	I [mm]	L [mm]	$\Delta\Delta$ [kg]
239	67	143	332	1.520

■ Metric kit



- Caliper and die for pipes diameter: 6 - 8 - 10 - 12 - 14 mm.
- 334C.35 pipe cutter.
- Supplied in plastic box BP.115.



	H [mm]	I [mm]	L [mm]	$\Delta\Delta$ [kg]
240.M	67	143	332	1.820

■ Metric-inch kit



- Caliper.
- Die for pipes \varnothing : 6 - 8 - 10 - 12 - 14 mm.
- Die for pipes \varnothing : 3/16" - 1/4" - 5/16" - 3/8" - 7/16" - 1/2" - 5/8".
- 334C.35 pipe cutter.
- Supplied in plastic box dimensions: 350 x 125 x 40 mm.



	$\Delta\Delta$ [kg]
242	2.400

CASES AND KITS

■ Maintenance kit for multi-thickness aluminum rivets



- Comprising:
 - Y.104: riveter.
 - Selection of rivets diameter 4 to 4.8 mm with standard head, 4.8 mm with wide head, in popular sizes for joint thickness 1.3 to 13 mm (approx. 450 rivets).
 - Partitioned case with contents list.

	H [mm]	L [mm]	P [mm]	ΔΔ [kg]
Y.RIV1	60	360	300	2.700

■ Maintenance kit for aluminum rivets



- Comprising:
 - Y.104: riveter.
 - Selection of aluminum rivets with standard head 4 x 8 - 4 x 10 - 4.8 x 8 - 4.8 x 10 mm and with wide head 4 x 8 et 4 x 10 mm (approx. 600 rivets).

	H [mm]	L [mm]	P [mm]	ΔΔ [kg]
Y.RIV3	60	360	300	2.350

■ Blind-nut kit



- Comprising:
 - Y.107: blind-nut riveter.
 - Selection of steel nuts M4 - M5 - M6, in popular sizes for joint thickness 0.3 to 3 mm (approx. 100 nuts).
 - Partitioned case with contents list and instructions: 360 x 300 x 60 mm.

	H [mm]	L [mm]	P [mm]	ΔΔ [kg]
Y.M46	60	360	300	2.500

■ Riveting module



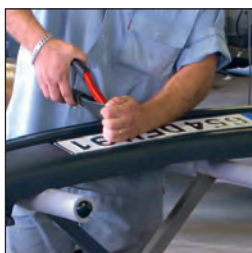
- Y.104: riveter.
- 600 alu rivets.
- Standard head: 4 x 8 - 4 x 10 - 4.8 x 8 - 4.8 x 10.
- Black lacquered standard head: 4 x 8 - 4 x 10.
- Heat-formed tray PL.377.

	H [mm]	I [mm]	L [mm]	ΔΔ [kg]
MOD.Y105	40	175	418	1.984



RIVETING PLIERS

■ "Endurance" riveter



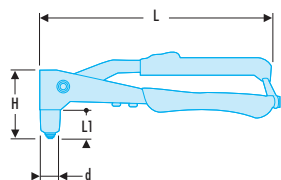
- New nose with insert for extended durability.
- Return spring.
- Supplied with 3 nosepieces and locking key.
- Capacity: Ø 5 mm aluminium - Ø 4 mm steel.



FACOM
Y.104

$\Delta\Delta$ [kg]
0.585

■ Riveting pliers



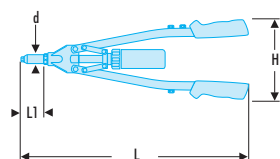
- Capacity:
 - Aluminum rivets Ø 3 - 3.2 - 4 - 4.8 - 5 mm.
 - Steel rivets Ø 3 - 3.2 - 4 mm.
- Empty branches opening spring.
- 3 nosepieces with keys for diameters 3 to 3.2 mm - 4 mm - 4.8 to 5 mm.



FACOM
Y.103B

d [mm]	H [mm]	L [mm]	L1 [mm]	$\Delta\Delta$ [kg]
22	84	250	26	0.632

■ Two-hand riveter



- Capacity:
 - Diameter 6.4 mm alu rivets.
 - Diameter 6 mm steel rivets.
- Absorbers cushion impact when pin snaps.
- Supplied with 4 nosepieces diameter 4 - 5 - 6 - 6.4 mm and spent-nail holder.



FACOM
Y.116B

d [mm]	H [mm]	L [mm]	L1 [mm]	$\Delta\Delta$ [kg]
22	164	526	66	1,900

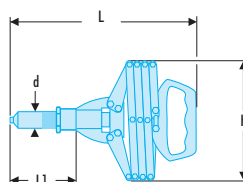
RIVETING PLIERS

■ "Expander" riveting pliers

- Capacity:
 - Diameter 6.4 mm alu rivets.
 - Diameter 5 mm steel rivets.
- Model suited to heavy duty, particularly in worksites.
- Supplied with 5 nosepieces: diameters 3 to 3.2 mm - 4 mm - 4.8 to 5 mm - 6 mm - 6.4 mm.



	d [mm]	H [mm]	L [mm]	L1 [mm]	ΔΔ [kg]
Y.113B	25	184	310	90	2,150

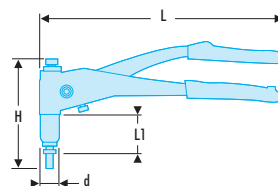


■ Blind-nut pliers

- Capacity: M6 steel; M5 stainless steel.
- Supplied with 3 steel nuts M4 - M5 - M6.
- Very comfortable pliers as can be used with both hands.



	d [mm]	H [mm]	L [mm]	L1 [mm]	ΔΔ [kg]
Y.107	25	140	335	50	1,170



■ Pneumatic riveter

- Light and well balanced machine in aluminum alloy.
- For 3.2 - 4 and 4.8 mm rivets.
- Traction strength 9.4 kN.
- Fast nose removal.
- Fast claw holder removal.
- Low activation force.
- 2-finger trigger.
- Orientable air exhaust.
- Tool travel 18 mm.
- Working pressure: 6.2 bars.



	d [mm]	d1 [mm]	H [mm]	L [mm]	L1 [mm]	ΔΔ [kg]
Y.135F	88	20,6	304	259	79	1,310



LUBRICATION

Manual oil syringe



- Capacity: 500 cm³.
- Galvanised steel body.
- Supplied with: 376A.1 straight angled tube.



	L [mm]	ΔΔ [kg]
376A	420	0.830

Lever-operated grease gun



- Grease cartridge.
- Pressure: 400 bar. Air bleed facility.
- Use with cartridge or bulk grease.
- Capacity 500 cm³, i.e. 400 g grease.
- Hose compliant with DIN 1283 standard (static and burst pressure).
- Hose built in rubber approved by DIN 20024 standard.
- Hose diameter: 13.1 mm.
- Hose radius of curvature: 90 mm.



	L [mm]	ΔΔ [kg]
378A.50	370	1.356

Small grease pump 377B



DIN1282

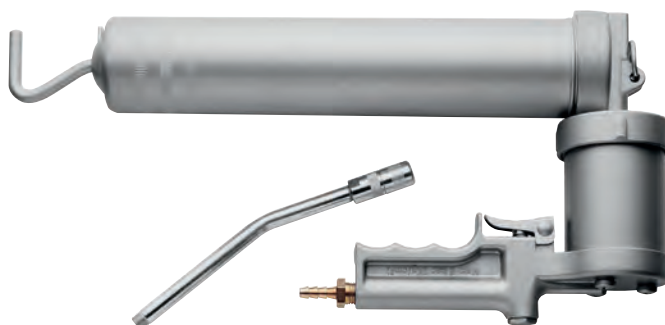
- Nickel-plated body.
- Supplied with 1 lub type tip and 1 hydraulic type tip.
- Spread: 150 cm³.
- Pressure: 200 bar.
- Diameter: 43 mm.



	L [mm]	ΔΔ [kg]
377B	345	0.410

- **Pneumatic grease gun**

- Capacity 500 cm³ (400 g grease) flow 1 cm³ per strike.
- Air pressure 2 to 8 bar (6 bar recommended).
- Supply fitting diameter 8 mm.
- Filling with cartridge or bulk grease.
- Presentation: Aluminium body.
- Supplied with straight angled spout and tip : 379A.1.

379A

- **Set of greasing tips**

- Selection of rigid spouts, flexible spouts and fasteners for all types of current greasers.
- Adaptable to models 378A and 379A.
- Case dimensions: 310 x 110 x 55 mm.

380

■ 373 - Simple-action oil cans

- Pumped delivery. Steel body.
- Spout length: 130 mm.
- 3 capacities: 250, 350 and 500 cm³.

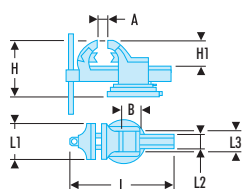
373.30

VICES

1224 - Worksite-maintenance 360° swivel vices



- Vices in spheroid graphite cast iron, tensile strength 700 N/mm² minimum.
- Wide bearing base of the prism guide/mobile jaw: lack of guide flexion, vice operation preserved even under heavy loads.
- Interchangeable parallel jaws. High wear resistance, hardness 48/53 HRC.
- Removable V-shaped jaws for tightening the pipes. Hardness 40/46 HRC.
- Adjustment system by 2 complex gap compensation screws.
- Burnished control bar.

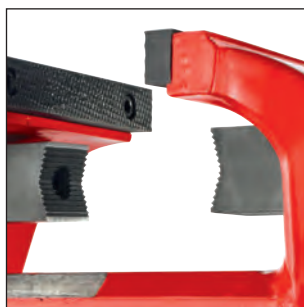
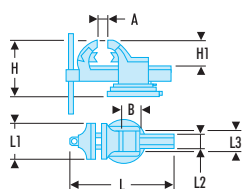


	A maxi [mm]	B [mm]	H [mm]	H1 [mm]	L [mm]	L1 [mm]	L2 [mm]	L3 [mm]	ΔΔ [kg]
1224.100	125	63	164	74	345	104	51	70	9,70
1224.125	150	75	178	83	380	127	53	76	12,84
1224.150	200	95	205	94	460	154	60	91	18,88
1224.175	235	118	241	123	532	178	68	111	26,36

1224.E - Worksite-maintenance fixed vices



- Vices in spheroid graphite cast iron, tensile strength 700 N/mm² minimum.
- Wide bearing base of the prism guide/mobile jaw: lack of guide flexion, vice operation preserved even under heavy loads.
- Interchangeable parallel jaws. High wear resistance, hardness 48/53 HRC.
- Removable V-shaped jaws for tightening the pipes. Hardness 40/46 HRC.
- Adjustment system by 2 complex gap compensation screws.
- Burnished control bar.

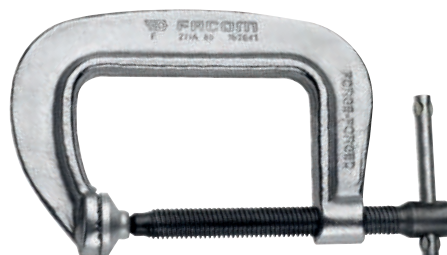


	A maxi [mm]	B [mm]	H [mm]	H1 [mm]	L [mm]	L1 [mm]	L2 [mm]	L3 [mm]	ΔΔ [kg]
1224.100E	125	63	142	74	345	104	51	70	8,67
1224.125E	150	75	156	83	380	127	53	76	11,34
1224.150E	200	95	183	94	460	154	60	91	17,26
1224.175E	235	118	216	123	532	178	68	111	24,68

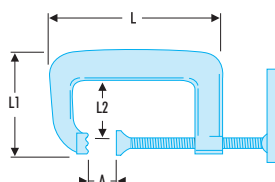
FLANGE PRESSES

271A - Compact G-clamp

- Capacity: 0 to 250 mm and 0 to 9"7/8.
- Presentation: galvanised - burnished screw.



Ref	A maxi [mm]	L [mm]	L1 [mm]	L2 [mm]	ΔΔ [kg]
271A.40	40	100	75	42	0,300
271A.60	60	130	98	57	0,510
271A.80	80	167	115	67	0,810
271A.100	100	192	131	77	1,170
271A.120	120	223	148	88	1,680
271A.150	150	262	162	98	1,980
271A.200	200	320	185	108	3,240
271A.250	250	380	202	118	3,950

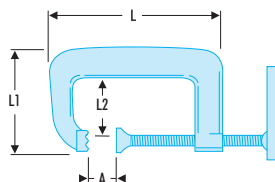


271A.L - Deep-throat G-clamp

- Capacity: 0 to 150 mm and 0 to 5"7/8.
- Presentation: galvanised - burnished screw.

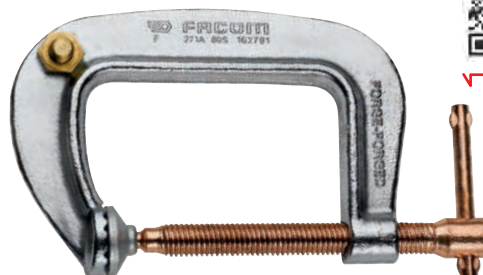


Ref	A maxi [mm]	L [mm]	L1 [mm]	L2 [mm]	ΔΔ [kg]
271A.150L	133	288	213	133	3,320

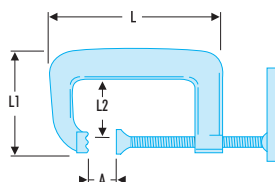


Arc-welding G-clamp

- Capacity: 0 to 80 mm and 0 to 3"1/8.
- Copper-plated screw and brass bolt for earth connection.
- Presentation: galvanised.

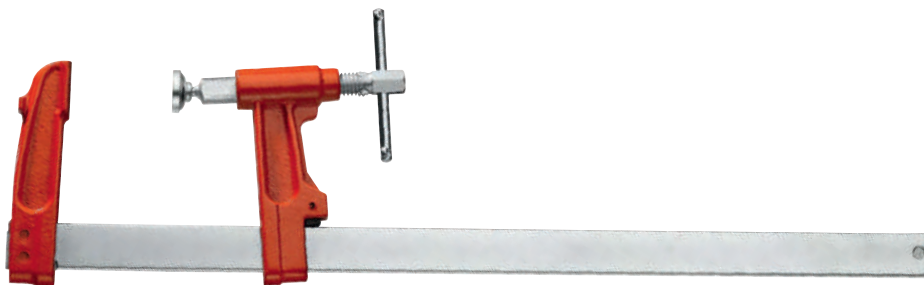


Ref	A maxi [mm]	L [mm]	L1 [mm]	L2 [mm]	ΔΔ [g]
271A.80S	80	167	115	67	920

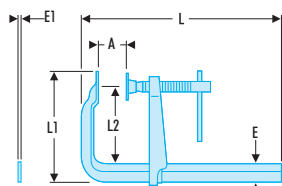


G-CLAMPS

■ 272A - Pump clamp

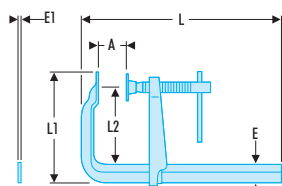
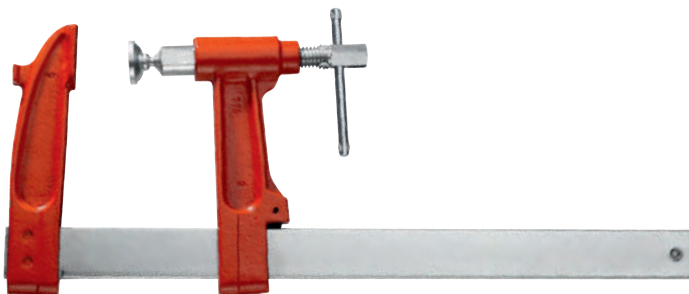


- Capacity: 0 to 1,500 mm.
- Accurate assembly by tightening the pump without rotation.
- Rail treated and notched on edges for clear locking, tilt ball joint.
- Presentation: lacquered, galvanised rail.



272A	A maxi [mm]	E x E1 [mm]	L [mm]	L1 [mm]	L2 [mm]	ΔΔ [kg]
272A.300	300	30 x 8	370	150	80	1,700
272A.400	400	30 x 8	470	150	80	1,900
272A.500	500	30 x 8	600	150	80	2,100
272A.600	600	35 x 9	680	180	100	2,900
272A.800	800	35 x 9	880	180	100	3,370
272A.1000	1000	35 x 9	1100	180	100	3,840
272A.1200	1200	35 x 9	1300	180	100	4,310
272A.1500	1500	35 x 9	1600	180	100	5,000

■ 272L - Wide protrusion pump clamp

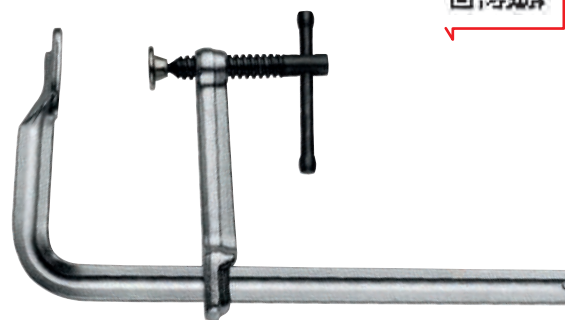


- Capacity: 0 to 1,000 mm.
- Protrusion: 150 mm.
- Same characteristics as model 272A with additional benefits of a deep slider and dog for gripping wide parts.

272L	A maxi [mm]	E x E1 [mm]	L [mm]	L1 [mm]	L2 [mm]	ΔΔ [kg]
272.300L	300	40 x 9	440	215	150	3,000
272.400L	400	40 x 9	540	215	150	3,300
272.600L	600	40 x 9	740	215	150	3,900
272.1000L	1000	40 x 9	1140	215	150	5,100

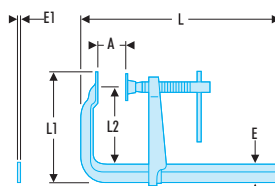
FLANGE PRESSES

274 - G-clamp 6500 N

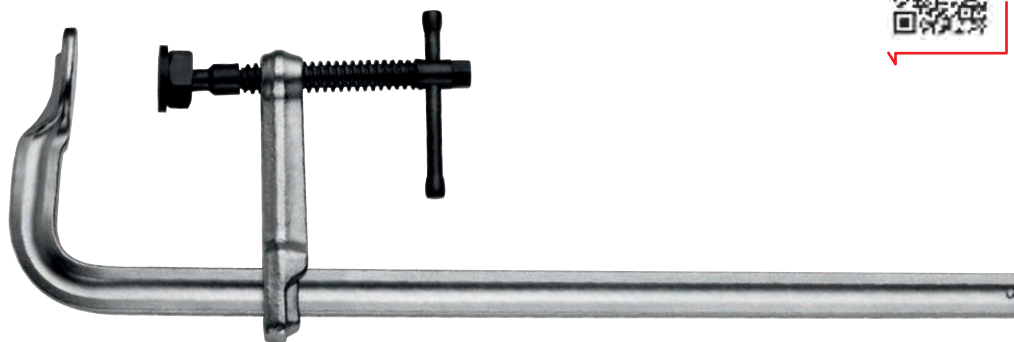


- Capacity: 0 to 500 mm.
- Tightening: 6500 N max.
- Hardened profile rail, forged dog and slider, square thread screw for tight fastening.
- Ball joint angle 30°.
- Presentation: galvanised.

	A maxi [mm]	E x E1 [mm]	L [mm]	L1 [mm]	L2 [mm]	ΔΔ [kg]
274.200	200	19,5 x 9,5	250	150	100	0,720
274.300	300	25 x 12	360	190	140	1,600
274.400	400	25 x 12	460	170	120	1,650
274.500	500	25 x 12	560	170	120	2,000



275 - Power G-clamp 12000 N



- Capacity: 0 to 1,000 mm.
- Tightening: 12000 N max.
- Large cross-section slider rail and screws for the most powerful tightening: up to 1.2 t between dog and slider.
- Ball joint angle 35°.
- Presentation: galvanised.

	A maxi [mm]	E x E1 [mm]	L [mm]	L1 [mm]	L2 [mm]	ΔΔ [kg]
275.300	300	30 x 15	350	180	140	2,800
275.500	500	30 x 15	560	180	120	3,000
275.800	800	30 x 15	880	180	120	4,200
275.1000	1000	30 x 15	1100	180	120	4,800

