



PRECISION

MAXCLAW *FOR PLUMBING*

YUNG CHI INDUSTRY CO., LTD.

Yung Chi Industry Co. Ltd., established in 1978, is a well-known Taiwanese manufacturer renowned for its high-quality tubing tools under the **Maxclaw** brand.

We operate from a modern 10,000-square-meter facility with ISO 9001 : 2015 certification, ensuring precision at every production stage.

We incorporate Environmental, Social and Governance (ESG) principles into our operations, focusing on energy efficiency, waste reduction, employee welfare and transparent governance.

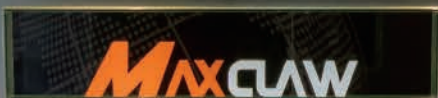


Solar Panels



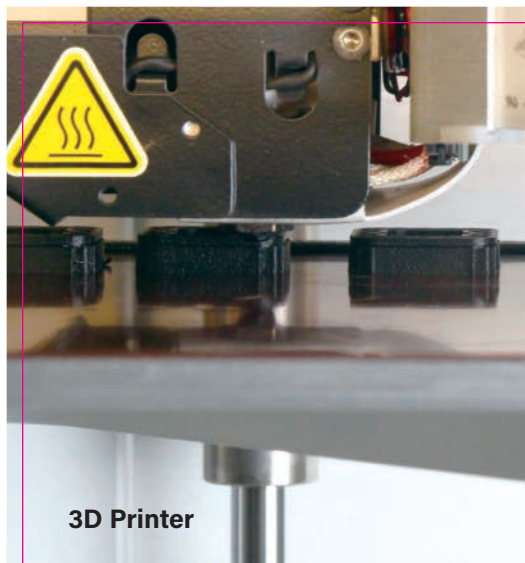
1969

2023

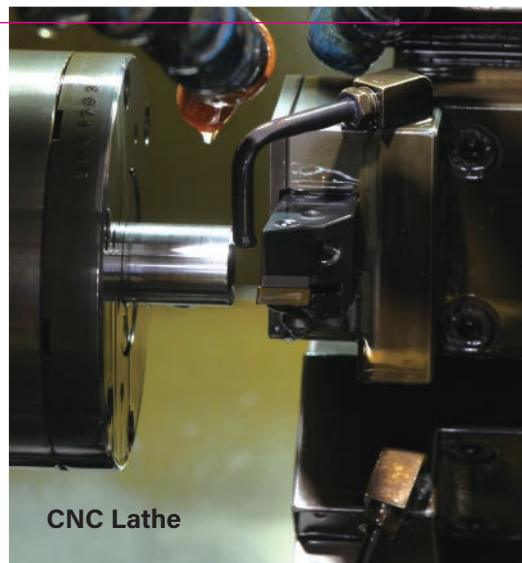


History

- 1969 Chin Yung Chan Manufacturing Co. established for lathe machining
- 1978 Yung Chi Industry Co., Ltd. established with NTD 1 million
- 1996 Created private brand of "Maxclaw"
- 2011 "Taiwan Training Quality System" Bronze Award
- 2012 1 Million Safe Work Hours Award
- 2015 Quality assurance Laboratory established
- 2017 ISO 9001 : 2015 Certified
- 2020 Rising Star Award
- 2021 Taiwan Excellence Award FTD427/FTD432
- 2022 Taiwan Excellence Award FT422
- 2023 Taiwan Excellence Award TCR355
- 2023 Sedex Audit No. ZAA600007149



3D Printer



CNC Lathe



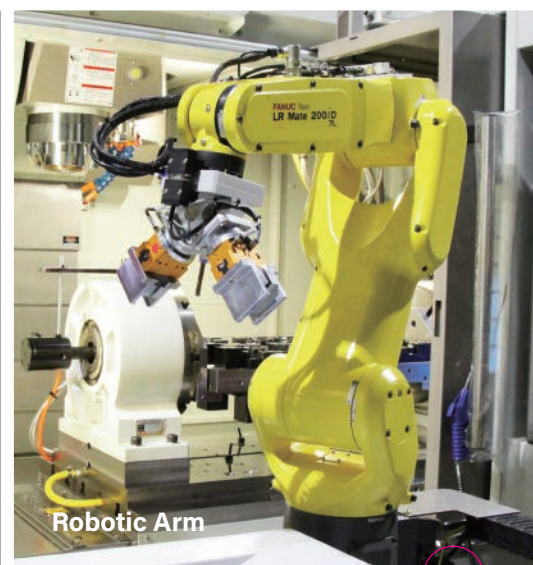
CNC Horizontal Milling Machine



Production Line

About Us

Our extensive catalog of over 1,000 tools reflects our commitment to innovation and sustainability and comprehensive OEM/ODM services highlight our flexibility. Yung Chi Industry Co. Ltd. represents diversity, continuous innovation and customized solutions while upholding ESG principles. Maxclaw symbolizes industry-leading quality and dedication to providing the strongest support to our clients.



Robotic Arm



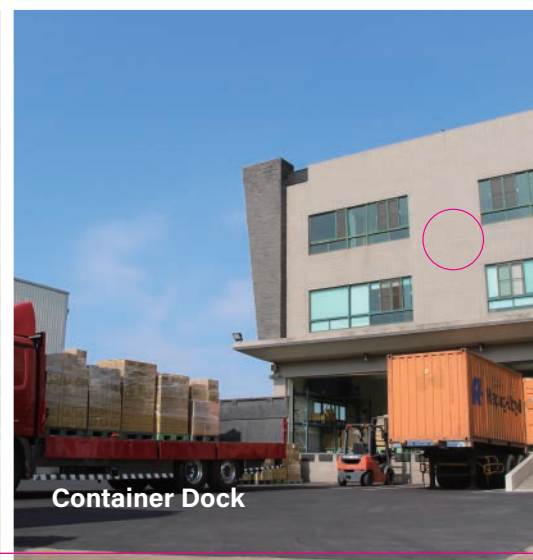
Pad Printer



Laser Engraving Machine



ASRS System



Container Dock

Enterprise Feature



Vickers Hardness Tester



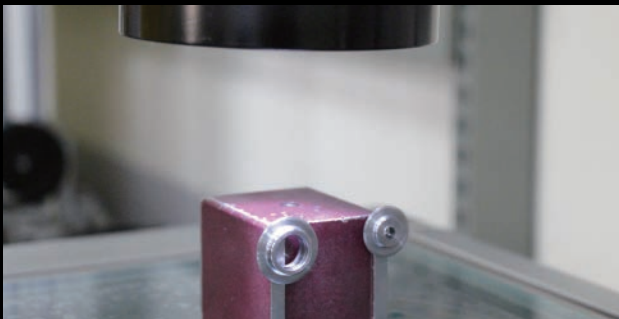
Torque Tester



Hardness Tester



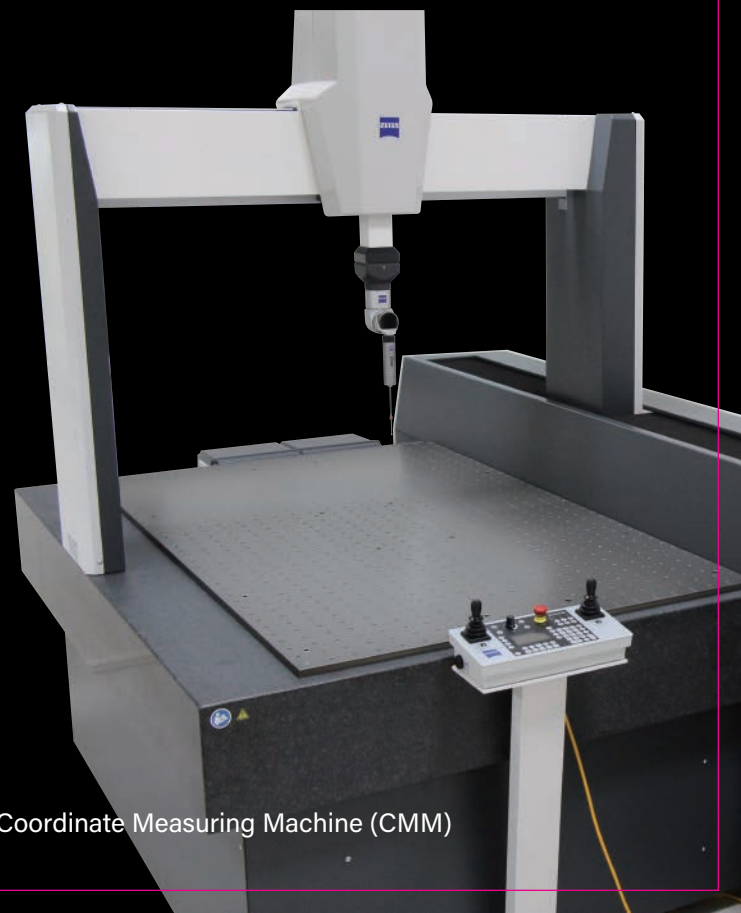
Salt Spray Tester



2.5D Projector

Our pursuit of perfection drives us to continuously upgrade and expand our equipments and inspection instruments, ensuring that we stay at the forefront of innovation and technology. By doing so, we empower our team to achieve the highest levels of accuracy and quality.

As a leader in delivering excellence and our investments reflect our dedication to exceeding our clients' expectations in every possible way.



Coordinate Measuring Machine (CMM)



Quality Certification



dun & bradstreet
D-U-N-S® CERTIFIED

Rising Star Award 2020

New Products



Telescopic Tube Cutter
TC306A / P21



Multi-Size Plastic Auto Tube Cutter
TCR355 / P24



Internal Pipe Cutter
PC102, PC122 / P33



Ratcheting Pipe Cutter
PC142 / P30



Rapid Flaring Tool Kit
FT422 / P41



Cordless Electric Flaring Tool Kit
EF101 / P42



Inside/Outside Deburring Tool
DT203 / P57



Nipple Cutter
DT620 / P57



Extension Nipple Cutter
DT621 / P57



Exchangeable Basin Wrench Set
BW700 / 59



Telescopic Basin Wrench
BW135 / P60



Basin Wrench
BW141 / P60



Thread Thru Stud Wrench
SW045A, SW045B / P62



Ratchet Torque Wrench
TW200 / P69



Assembly Connection Gauge
MH101 / P73

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TELESCOPIC TUBE CUTTER

Capacity Range From
 $\frac{1}{8}$ " - $1 \frac{5}{8}$ " (3 - 42 mm)

Mini Tube Cutter

- Body: Zinc
- Ideal for cutting copper, aluminum and brass
- Compact size to cut in tight spaces
- Easy change cutting wheel design
- 2 rollers with grooves for flared tubes
- Easy grip knob
- Standard rollers: black-oxide
- TCM303A standard roller: grinding



Item No.	Capacity	Cutting Wheel	Package	Inner	Carton	N.W.	G.W.	Cuft	g
TCM301A	1/8"-3/4" (3-19 mm)	TCW050200J	Bulk	18	108	14.5	15.5	0.4	134
			Card	20	100	14	15	1	134
TCM302A	1/8"-1" (3-25 mm)	TCW050200J	Bulk	18	108	15	16	0.4	142
			Card	10	100	15	16	1.3	142
TCM303A	1/8"-1 1/8" (3-28 mm)	TCW050200J	Bulk	16	96	18	19	0.4	188
			Card	20	100	19	20	1	188

Mini Tube Cutter

- Body: Zinc
- Ideal for cutting stainless steel, copper, aluminum and brass
- Bearing type blade
- Bearing type rollers
- Compact size to cut in tight spaces
- Easy change cutting wheel design
- Easy grip knob
- Plating surface available



Item No.	Capacity	Cutting Wheel	Package	Inner	Carton	N.W.	G.W.	Cuft	g
TCM301C	1/8"-3/4" (3-19 mm)	TCW050200N	Bulk	18	108	14.5	15.5	0.4	134
			Card	20	100	14	15	1	134
TCM302C	1/8"-1" (3-25 mm)	TCW050200N	Bulk	18	108	15	16	0.4	142
			Card	10	100	15	16	1.3	142
TCM303C	1/8"-1 1/8" (3-28 mm)	TCW050200N	Bulk	16	96	18	19	0.4	188
			Card	20	100	19	20	1	188

Remark: optional HSS blade for stainless steel available

Mini Tube Cutter

- Ideal for cutting copper, aluminum and brass
- Compact size to cut in tight spaces
- 2 polished rollers with grooves for flared tubes
- TCM110E: Including one spare cutting wheel



E



Item No.	Capacity	Cutting Wheel	Package	Inner	Carton	N.W.	G.W.	Cuft	g
TCM110	1/8"-1 1/8" (3-28 mm)	TCW030180J	Card	20	80	16	17	1	160

Mini Tube Cutter

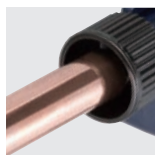
- Ideal for cutting copper, aluminum and brass
- Compact size to cut in tight spaces
- 2 polished rollers with grooves for flared tubes
- TCM120D: With one integrated deburrer



Cutting Wheel



Roller



Deburrer



B



D



F



Item No.	Capacity	Cutting Wheel	Package	Inner	Carton	N.W.	G.W.	Cuft	g
TCM120B	1/8"-7/8" (3-22 mm)	TCW030180J	Card	20	100	14	15	1.2	116
TCM120D	1/8"-7/8" (3-22 mm)	TCW030180J	Card	10	100	14	15	1.4	119
TCM120F	1/8"-7/8" (3-22 mm)	TCW030180J	Card	10	100	14	15	1.4	109

Mini Tube Cutter

- Ideal for cutting copper, aluminum and brass
- 2 rollers with grooves for flared tubes
- Compact size to cut in tight spaces



Item No.	Capacity	Cutting Wheel	Package	Inner	Carton	N.W.	G.W.	Cuft	g
TCM120G	1/8"-7/8" (3-22 mm)	TCW030180J	Card	20	100	14	15	1.2	116

Mini Tube Cutter

- Ideal for cutting copper, aluminum and brass
- Compact size to cut in tight spaces
- 2 polished rollers with grooves for flared tubes
- TCM130D: With one integrated deburrer



B



D



F



Item No.	Capacity	Cutting Wheel	Package	Inner	Carton	N.W.	G.W.	Cuft	g
TCM130B	1/8"-5/8" (3-16 mm)	TCW030180J	Card	50	200	20	21	1	100
TCM130D	1/8"-5/8" (3-16 mm)	TCW030180J	Card	50	100	10	11	1.4	110
TCM130F	1/8"-5/8" (3-16 mm)	TCW030180J	Card	10	100	10	11	1.4	102

Mini Tube Cutter

- Ideal for cutting copper, aluminum and brass
- 2 rollers with grooves for flared tubes
- Compact size to cut in tight spaces



Item No.	Capacity	Cutting Wheel	Package	Inner	Carton	N.W.	G.W.	Cuft	g
TCM130C	1/8"-5/8" (3-16 mm)	TCW058180J	Card	50	200	20	21	1	98

Remark: optional HSS blade for stainless steel available

Mini Tube Cutter

- Ideal for cutting copper, aluminum and brass
- Compact size to cut in tight spaces
- 2 rollers with grooves for flared tubes
- TCM211: Including one spare cutting wheel



Knob



Item No.	Capacity	Cutting Wheel	Package	Inner	Carton	N.W.	G.W.	Cuft	g
TCM211	1⁄8"-1 1⁄8" (3-28 mm)	TCW030180J	Card	10	80	11.2	12.2	1.3	238
TCM212	1⁄8"-7⁄8" (3-22 mm)	TCW030180J	Card	10	80	11.2	12.2	1.3	238
TCM213	1⁄8"-5⁄8" (3-16 mm)	TCW030180J	Card	10	80	11.2	12.2	1.3	238

Mini Tube Cutter

- Ideal for cutting copper, aluminum and brass
- 2 polished rollers with grooves for flared tubes
- Compact size to cut in tight spaces



Item No.	Capacity	Cutting Wheel	Package	Inner	Carton	N.W.	G.W.	Cuft	g
TCM214A	1⁄8"-1 1⁄8" (3-28 mm)	TCW030180J	Card	10	80	19	20	1.4	238

Mini Tube Cutter

- Ideal for cutting stainless steel, copper, aluminum and brass
- Compact size to cut in tight spaces
- Bearing type blade
- Bearing type rollers



Item No.	Capacity	Cutting Wheel	Package	Inner	Carton	N.W.	G.W.	Cuft	g
TCM214F	1⁄8"-1 1⁄8" (3-28 mm)	TCW050200B	Card	10	80	19	20	1.4	238

Mini Tube Cutter

- Ideal for cutting copper, aluminum and brass
- 2 rollers with grooves for flared tubes
- Compact size to cut in tight spaces
- Knob with deburrer function

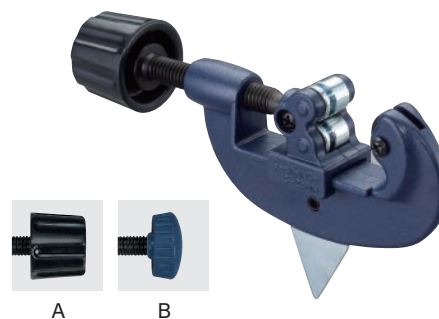


Item No.	Capacity	Cutting Wheel	Package	Inner	Carton	N.W.	G.W.	Cuft	g
TCM216B	1⁄8"-5⁄8" (3-16 mm)	TCW050200M	Card	50	100	10	11	1.4	110

Remark: optional HSS blade for stainless steel available

Tube Cutter

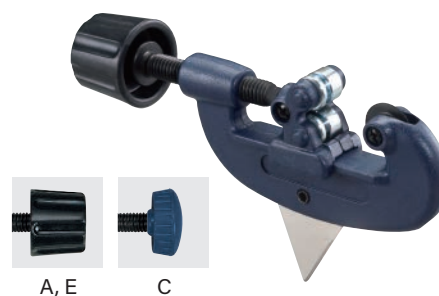
- Body: Aluminum
- Ideal for cutting copper, aluminum and brass
- 2 rollers with grooves for flared tubes
- With fold-away deburrer



Item No.	Capacity	Cutting Wheel	Package	Inner	Carton	N.W.	G.W.	Cuft	g
TC100 (A, B)	1/8"-1 1/8" (3-28 mm)	TCW030180J	Bulk	10	100	19	20	1	190
			Card	10	60	14	15	1.8	190
			Box	10	60	14	15	1.3	190

Tube Cutter

- Body: Aluminum
- Ideal for cutting copper, aluminum and brass
- 2 rollers with grooves for flared tubes
- With fold-away deburrer
- TC110E including one spare cutting wheel



Item No.	Capacity	Cutting Wheel	Package	Inner	Carton	N.W.	G.W.	Cuft	g
TC110 (A, C, E)	1/8"-1 1/8" (4-28 mm)	TCW058180J	Bulk	10	100	19	20	1	300
			Card	10	60	14	15	1.8	300
			Box	10	60	14	15	1.3	300

Tube Cutter

- Body: Zinc
- Ideal for cutting copper, aluminum and brass
- 2 rollers with grooves for flared tubes
- With fold-away deburrer
- Including one spare cutting wheel

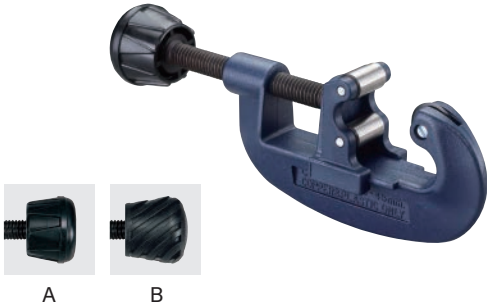


Item No.	Capacity	Cutting Wheel	Package	Inner	Carton	N.W.	G.W.	Cuft	g
TC111 (A, B, G)	1/8"-1 1/8" (3-30 mm)	TCW030180J	Bulk	10	60	18	19	0.6	310
			Card	10	60	18.5	19.5	1.8	310
			Box	10	60	18.5	19.5	1.3	310

Remark: optional HSS blade for stainless steel available

Tube Cutter

- Body: Zinc
- Ideal for cutting copper, aluminum and brass



Item No.	Capacity	Cutting Wheel	Package	Inner	Carton	N.W.	G.W.	Cuft	g
TC113 (A, B)	1/2"-1 3/4" (15-45 mm)	TCW030200J	Card	6	36	18	19	2	444

Tube Cutter

- Body: Aluminum
- Ideal for cutting copper, aluminum and brass
- With fold-away deburrer



Item No.	Capacity	Cutting Wheel	Package	Inner	Carton	N.W.	G.W.	Cuft	g
TC116	5/8"-2 1/8" (16-53 mm)	TCW062220S	Bulk	5	25	15	16	1.2	567
			Card	6	36	23	24	2.1	567

Tube Cutter

- Body: Aluminum
- Ideal for cutting copper, aluminum and brass
- 2 rollers with grooves for flared tubes
- With fold-away deburrer
- Including one spare cutting wheel

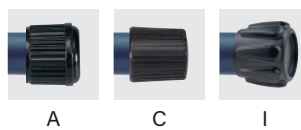


Item No.	Capacity	Cutting Wheel	Package	Inner	Carton	N.W.	G.W.	Cuft	g
TC131 (A, B, G)	1/8"-1 1/8" (3-30 mm)	TCW030180J	Bulk	10	60	15	16	0.6	200
			Card	10	60	15	16	1.8	200
			Box	10	60	15	16	1.3	200

Remark: optional HSS blade for stainless steel available

Telescopic Tube Cutter

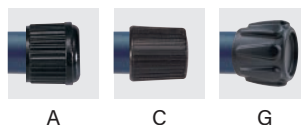
- Body: Aluminum
- Ideal for cutting copper, aluminum and brass
- 2 rollers with grooves for flared tubes
- With fold-away deburrer
- Including one spare cutting wheel



Item No.	Capacity	Cutting Wheel	Package	Inner	Carton	N.W.	G.W.	Cuft	g
TC126 (A, C, I)	1/8"-1 1/8" (4-28 mm)	TCW062180J	Bulk	10	80	19	20	0.8	238
			Card	10	60	15	16	1.8	238

Telescopic Tube Cutter

- Body: Aluminum
- Ideal for cutting copper, aluminum and brass
- 2 rollers with grooves for flared tubes
- With fold-away deburrer
- Including one spare cutting wheel



Item No.	Capacity	Cutting Wheel	Package	Inner	Carton	N.W.	G.W.	Cuft	g
TC127 (A, C, G)	1/4"-1 5/8" (6-42 mm)	TCW062180J	Bulk	10	60	16	17	0.6	283
			Card	10	60	17	18	1.8	283

Telescopic Tube Cutter

- Body: Aluminum
- Ideal for cutting copper, aluminum and brass
- 2 polished rollers with grooves for flared tubes
- With fold-away deburrer
- Including one spare cutting wheel



Cutting Wheel Roller Deburrer One Spare Cutting Wheel



Item No.	Capacity	Cutting Wheel	Package	Inner	Carton	N.W.	G.W.	Cuft	g
TC128 (A, B, C, F)	1/8"-1 1/4" (4-32 mm)	TCW030180J	Bulk	10	60	17	18	0.7	283
			Card	10	60	17	18	1.8	283
			Box	10	60	17	18	1.3	283

Telescopic Tube Cutter

- Body: Aluminum
- Ideal for cutting copper, aluminum and brass
- 2 polished rollers with grooves for flared tubes
- With fold-away deburrer
- Including one spare cutting wheel



Item No.	Capacity	Cutting Wheel	Package	Inner	Carton	N.W.	G.W.	Cuft	g
TC138 (A, B, C, E)	3/16"-1 1/4" (4-32 mm)	TCW030180J	Bulk	10	60	13.5	14.5	0.6	220
			Card	10	60	14	15	1.8	220
			Box	10	60	14	15	1.3	220

Remark: optional HSS blade for stainless steel available

Telescopic Tube Cutter

- Body: Zinc
- Ideal for cutting copper, aluminum and brass
- 2 polished rollers with grooves for flared tubes
- With one integrated deburrer
- Including one spare cutting wheel



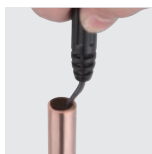
Cutting Wheel



Roller



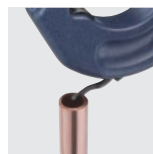
Deburrer



Deburrer



Deburrer



Deburrer



One Spare Cutting Wheel

Item No.	Capacity	Cutting Wheel	Package	Inner	Carton	N.W.	G.W.	Cuft	g
TC200A	1/4"-1 1/2" (6-38 mm)	TCW062180J	Bulk	12	48	20	21	0.8	417
			Card	6	48	22	23	1.9	417
			Box	0	40	20	21	10	417

Telescopic Tube Cutter

- Body: Zinc
- Ideal for cutting stainless steel, copper, aluminum and brass
- Bearing type rollers
- With one integrated deburrer
- Including one spare cutting wheel



Item No.	Capacity	Cutting Wheel	Package	Inner	Carton	N.W.	G.W.	Cuft	g
TC200J	1/4"-1 1/2" (6-38 mm)	TCW050226B	Bulk	12	48	20	21	0.8	417
			Card	6	48	22	23	1.9	417
			Box	0	40	20	21	10	417

Telescopic Tube Cutter

- Body: Zinc
- Ideal for cutting copper, aluminum and brass
- 4 polished rollers with grooves for flared tubes
- With one integrated deburrer
- Including one spare cutting wheel



Item No.	Capacity	Cutting Wheel	Package	Inner	Carton	N.W.	G.W.	Cuft	g
TC201A	1/8"-1 5/8" (3-42 mm)	TCW062180J	Bulk	12	48	20	21	0.8	472
			Card	6	36	17	18	1.9	472
			Box	0	36	20	21	1	472

Telescopic Tube Cutter

- Body: Aluminum
- Ideal for cutting copper, aluminum and brass
- 4 polished rollers with grooves for flared tubes
- With one integrated deburrer
- Including one spare cutting wheel



Item No.	Capacity	Cutting Wheel	Package	Inner	Carton	N.W.	G.W.	Cuft	g
TC202A	1/8"-1 3/8" (3-35 mm)	TCW062180J	Bulk	12	48	20	21	0.8	365
			Card	6	48	18	19	1.8	365
			Box	0	40	20	21	1	365

Remark: optional HSS blade for stainless steel available

ZipAction Tube Cutter

- Body: Aluminum
- Ideal for cutting copper, aluminum and brass
- Quick-feed
- 4 polished rollers with grooves for flared tubes
- With fold-away deburrer
- Including one spare cutting wheel



B

C



Item No.	Capacity	Cutting Wheel	Package	Inner	Carton	N.W.	G.W.	Cuft	g
TC106 (B, C)	1/4"-2 1/2" (6-64 mm)	TCW062180J	Card	6	36	23.5	24.5	2.4	569

ZipAction Tube Cutter

- Body: Aluminum
- Ideal for cutting copper, aluminum and brass
- Quick-feed
- 2 polished rollers with grooves for flared tubes
- With fold-away deburrer
- Including one spare cutting wheel



A

B

E



Item No.	Capacity	Cutting Wheel	Package	Inner	Carton	N.W.	G.W.	Cuft	g
TC108 (A, B, E)	1/4"-2" (6-50 mm)	TCW062180J	Card	6	48	20.6	21.6	1.9	429

ZipAction Tube Cutter

- Body: Aluminum
- Ideal for cutting copper, aluminum and brass
- Quick-feed
- 2 rollers with grooves for flared tubes
- With one integrated deburrer
- Including one spare cutting wheel



Item No.	Capacity	Cutting Wheel	Package	Inner	Carton	N.W.	G.W.	Cuft	g
TC220A	3/16"-1 1/4" (4-32 mm)	TCW062180J	Bulk	0	30	22	23	0.9	417
			Card	6	48	22	23	0.9	417
			Box	0	30	22	23	1.9	417

ZipAction Tube Cutter

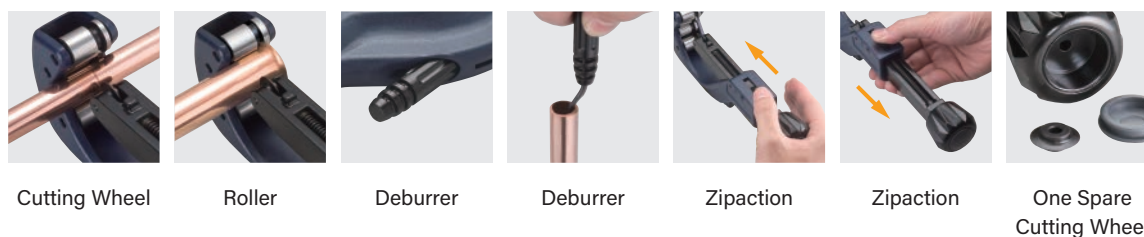
- Ideal for cutting copper, aluminum and brass
- 4 polished rollers with grooves for flared tubes
- Quick-feed
- With one integrated deburrer
- Including one spare cutting wheel



A

C

G



Item No.	Capacity	Cutting Wheel	Package	Inner	Carton	N.W.	G.W.	Cuft	g
TC150 (A, C, G)	1/4"-2 5/8" (6-67 mm)	TCW062180J	Card	6	36	22.5	23.5	2.4	597
			Box	0	30	22	23	1.9	597

Remark: optional HSS blade for stainless steel available

ZipAction Pipe Cutter

- Body: Aluminum
- Ideal for plastic
- Quick-feed
- With fold-away deburrer
- Optional blade TCW110230S for copper, aluminum and brass



Item No.	Capacity	Cutting Wheel	Package	Inner	Carton	N.W.	G.W.	Cuft	g
TC109A	1/4"-3" (6-76 mm)	TCW110446J	Box	0	24	18	19	2	750

ZipAction Pipe Cutter

- Body: Aluminum
- Ideal for plastic
- Quick-feed
- TC151C: With bearing type roller
- Special blade for PPR pipe up to 110mm available (TCW110670J)



Item No.	Capacity	Cutting Wheel	Package	Inner	Carton	N.W.	G.W.	Cuft	g
TC151 (A, C)	2"-5 1/2" (50-140 mm)	TCW110530J	Box	0	12	18	19	2.2	1500

ZipAction Pipe Cutter

- Body: Aluminum
- Ideal for plastic
- Quick-feed
- TC152C: With bearing type roller
- With one integrated deburrer



Item No.	Capacity	Cutting Wheel	Package	Inner	Carton	N.W.	G.W.	Cuft	g
TC152 (A, C)	2"-5 1/2" (50-140 mm)	TCW110530J	Box	0	12	18	19	2.2	1500

ZipAction Pipe Cutter

- Body: Aluminum
- Ideal for plastic
- Quick-feed
- TC168C: With bearing type roller



Cutting Wheel



Zipaction



Zipaction



Item No.	Capacity	Cutting Wheel	Package	Inner	Carton	N.W.	G.W.	Cuft	g
TC168 (A, C)	4"-6 1/2" (100-168 mm)	TCW110530J	Box	0	10	16	17	2.2	1600

ZipAction Pipe Cutter

- Body: Aluminum
- Ideal for plastic
- Quick-feed
- TC180B: With bearing type roller



Item No.	Capacity	Cutting Wheel	Package	Inner	Carton	N.W.	G.W.	Cuft	g
TC180 (A, B)	4 3/4"-7" (120-180 mm)	TCW110530J	Box	0	10	16	17	2.2	1600

Corrugated Pipe Cutter

- Body: Aluminum
- Ideal for stainless steel corrugated pipe, but also for cutting copper, aluminum and brass
- Quick-feed
- Plastic and polyurethane rollers make cutting smoothly with less twisting of external vinyl coat
- With one integrated deburrer
- With large knurled knob



Item No.	Capacity	Cutting Wheel	Package	Inner	Carton	N.W.	G.W.	Cuft	g
TC220E	3/16"-1 1/4" (4-32 mm)	TCW062220H	Box	0	30	22	23	0.9	335

Corrugated Pipe Cutter

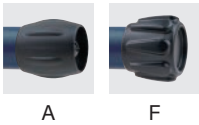
- Body: Aluminum
- Ideal for Stainless steel corrugated pipe, but also for cutting copper, aluminum and brass
- Quick-feed
- Plastic and polyurethane rollers make cutting smoothly with less twisting of external vinyl coat
- With one integrated deburrer



Item No.	Capacity	Cutting Wheel	Package	Inner	Carton	N.W.	G.W.	Cuft	g
TC150F	1 3/8"-2 5/8" (37-67 mm)	TCW062254H	Box	0	30	22.5	23.5	1.7	589

Telescopic Tube Cutter

- Body: Aluminum
- Ideal for cutting copper, aluminum and brass
- Easy change cutting wheel design
- 4 polished rollers with grooves for flared tubes
- With fold-away deburrer
- Including one spare cutting wheel
- TC301F: Ergonomic knob



Item No.	Capacity	Cutting Wheel	Package	Inner	Carton	N.W.	G.W.	Cuft	g
TC301 (A, F)	1/8"-1 3/8" (3-35 mm)	TCW050200J	Bulk	10	60	21	22	0.6	346
			Card	10	60	20	21	1.5	346

Telescopic Tube Cutter

- Body: Aluminum
- Ideal for cutting stainless steel, copper, aluminum and brass
- HSS blade for stainless steel
- Easy change cutting wheel design
- Bearing type rollers
- With fold-away deburrer
- Including one spare cutting wheel
- Plating surface available



Item No.	Capacity	Cutting Wheel	Package	Inner	Carton	N.W.	G.W.	Cuft	g
TC301D	1/8"-1 3/8" (3-35 mm)	TCW050200N	Bulk	10	60	21	22	0.6	346
			Card	10	60	21	22	1.5	346

Telescopic Tube Cutter

- Body: Aluminum
- Ideal for cutting copper, aluminum and brass
- Easy change cutting wheel design
- 4 polished rollers with grooves for flared tubes
- With an integrated SUJ2 deburrer for copper
- Including one spare cutting wheel
- A: PVC injection knob
- E: Ergonomic knob



Cutting Wheel

Roller

Deburrer

Deburrer

One Spare
Cutting Wheel



A

E

Item No.	Capacity	Cutting Wheel	Package	Inner	Carton	N.W.	G.W.	Cuft	g
TC302 (A, E)	1/8"-1 1/2" (3-38 mm)	TCW050200J	Bulk	6	36	18	19	0.8	500
			Card	6	36	19	20	1.8	500
TC303 (A, E)	1/8"-1 3/4" (3-45 mm)	TCW050200J	Bulk	6	36	18	19	0.8	502
			Card	6	36	19	20	1.8	502

Remark: optional HSS blade for stainless steel available

Telescopic Tube Cutter

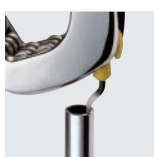
- Body: Aluminum
- Ideal for cutting stainless steel, copper, aluminum and brass
- Easy change cutting wheel design
- Bearing type blade for stainless steel
- Bearing type rollers
- Plating surface
- 4 polished rollers with grooves for flared tubes
- With an integrated HSS deburrer for stainless steel
- PVC injection knob
- Including one spare cutting wheel



Cutting Wheel



Deburrer



Deburrer



One Spare Cutting Wheel

Item No.	Capacity	Cutting Wheel	Package	Inner	Carton	N.W.	G.W.	Cuft	g
TC302C	1/8"-1 1/2" (3-38 mm)	TCW050200B	Bulk	6	36	18	19	0.8	500
			Card	6	36	19	20	1.8	500
TC303C	1/8"-1 3/4" (3-45 mm)	TCW050200B	Bulk	6	36	18	19	0.8	500
			Card	6	36	19	20	1.8	500

Telescopic Tube Cutter

- Ideal for cutting copper, aluminum and brass
- 2 rollers with grooves for flared tubes
- Ergonomic & user-friendly knob



Item No.	Capacity	Cutting Wheel	Package	Inner	Carton	N.W.	G.W.	Cuft	g
TC306A	1/4" - 2" (6-50 mm)	TCW080220J	Card	4	32	17	18	2.4	552

Remark: optional HSS blade for stainless steel available

Zipaction Tube Cutter

- Body: Aluminum
- Ideal for cutting copper, aluminum and brass
- Easy change cutting wheel design
- 4 polished rollers with grooves for flared tubes
- With an integrated SUJ2 deburrer for copper
- Including one spare cutting wheel
- A: PVC injection knob
- D: Ergonomic knob



Item No.	Capacity	Cutting Wheel	Package	Inner	Carton	N.W.	G.W.	Cuft	g
TC304 (A, D)	1/8"-2 1/8" (3-54 mm)	TCW050200J	Bulk	4	32	18	19	0.8	570
			Card	4	32	19	20	2.4	570
TC305 (A, D)	1/4"-2 3/4" (6-70 mm)	TCW050200J	Bulk	4	24	17	18	0.9	726
			Card	4	24	18	19	2	728

Zipaction Tube Cutter

- Body: Aluminum
- Ideal for cutting stainless steel, copper, aluminum and brass
- Easy change cutting wheel design
- Bearing type blade for stainless steel
- Bearing type rollers
- Plating surface.
- 4 polished rollers with grooves for flared tubes
- With an integrated HSS deburrer for stainless steel
- PVC injection knob
- Including one spare cutting wheel



Item No.	Capacity	Cutting Wheel	Package	Inner	Carton	N.W.	G.W.	Cuft	g
TC304B	1/8"-2 1/8" (3-54 mm)	TCW050200N	Bulk	4	32	18	19	0.8	570
			Card	4	32	19	20	2.4	570
TC305B	1/4"-2 3/4" (6-70 mm)	TCW050200N	Bulk	4	24	17	18	0.9	726
			Card	4	24	18	19	2	728

Remark: optional HSS blade for stainless steel available

Pipe Cutter

- Body: Cast-iron
- Handle: Aluminum
- Ideal for cutting copper, aluminum, steel and iron
- T-handle for adjusting the working range



Item No.	Capacity	Cutting Wheel	Package	Inner	Carton	N.W.	G.W.	Cuft	g
PC2	1/2"-2" (12-50 mm) Remark: NPS 1/8"-2"	TCW018312J	Box	0	6	23	24	1.2	3202

Pipe Cutter

- Body: Cast-iron
- Handle: Nylon
- Ideal for cutting copper, aluminum, steel and iron
- T-handle for adjusting the working range



Item No.	Capacity	Cutting Wheel	Package	Inner	Carton	N.W.	G.W.	Cuft	g
PC210	1/2"-1 3/4" (12-45 mm) Remark: NPS 1/8"-1 1/4"	TCW136255S	Box	0	16	17.6	18.6	1.2	1100

Pipe Cutter

- Body: Cast-iron
- Handle: Plastic
- Ideal for cutting copper, aluminum, steel and iron
- T-handle for adjusting the working range



Item No.	Capacity	Cutting Wheel	Package	Inner	Carton	N.W.	G.W.	Cuft	g
PC220	1/2"-2 3/8" (12-60 mm) Remark: NPS 1/8"-2"	TCW190320J	Box	0	8	17	18	1	2038

Pipe Cutter

- Body: Cast-iron
- Handle: Plastic
- Ideal for cutting copper, aluminum, steel and iron
- T-handle for adjusting the working range



Cutting Wheel

Item No.	Capacity	Cutting Wheel	Package	Inner	Carton	N.W.	G.W.	Cuft	g
PC240	1 3/8"-4" (35-100 mm) Remark: NPS 1 1/4"-4"	TCW190400J	Box	0	4	19	20	0.9	4792



Multi-Size Plastic Auto Tube Cutter

- For cutting PVC, PE, PP and other soft pipes
- Patented quick-adjusting size function
- Labor-saving pre-loading structure
- Easy switching sizes from 35, 42 and 50 mm
- Handy and light-weight
- Ideal for use in restricted areas
- Max. tube wall thickness 3.5mm
- Quick blade-changing system
- Safety block included
- Including one spare blade

NEW



Easy switching size



Labor-saving pre-loading structure



Quick blade-changing system

Item No.	Capacity	Package	Inner	Carton	N.W.	G.W.	Cuft	g
TCR355	1-1/4" (35 mm), 1-1/2" (42 mm), 2" (50 mm)	Card	12	72	10	11	3.1	130

Adjustable Auto Tube Cutter

- Body: Aluminum
- For copper, aluminum, metal
- Cutting range adjustable from 1/2" - 7/8" (12 - 22 mm)
- Handy and light-weight
- Ideal for use in restricted areas
- Automatic feed cutting after each rotation
- Simple one-hand operation
- High efficiency and few burs



Adjust knob to desired size indicator, insert tube and rotate for auto feed cutting

Item No.	Capacity	Cutting Wheel	Package	Inner	Carton	N.W.	G.W.	Cuft	g
TCR352B	1/2"-7/8" (12-22 mm)	TCW047158S	Card	10	40	20	21	0.7	167

Remark: optional HSS blade for stainless steel available

Auto Tube Cutter

- Body: Zinc
- For copper, aluminum
- Ideal for use in restricted areas
- Automatic feed cutting after each rotation
- Simple one-hand operation
- High efficiency



Item No.	O.D.	I.D.	Cutting Wheel	Package	Inner	Carton	N.W.	G.W.	Cuft	g
TCR306	6 mm		TCW047158S	Card	10	100	17	18	1.5	132
TCR308	8 mm		TCW047158S	Card	10	100	17	18	1.5	132
TCR310	10 mm		TCW047158S	Card	10	100	17	18	1.5	124
TCR312	12 mm		TCW047158S	Card	10	100	18	19	1.5	144
TCR314	14 mm		TCW047158S	Card	10	100	21.4	22.4	1.5	176
TCR315	15 mm		TCW047158S	Card	10	100	21.4	22.4	1.5	176
TCR316	16 mm		TCW047158S	Card	10	100	20.6	21.6	1.5	170
TCR318	18 mm		TCW047158S	Card	10	100	20.6	21.6	1.5	164
TCR319	19 mm		TCW047158S	Card	10	100	19.5	20.5	1.5	158
TCR320	20 mm		TCW047158S	Card	10	60	13.5	14.5	1.2	185
TCR321	21 mm		TCW047158S	Card	10	60	13.5	14.5	1.2	185
TCR322	22 mm		TCW047158S	Card	10	60	15	16	1.2	222
TCR328	28 mm		TCW047158S	Card	10	60	14	15	1.2	194
TCR300063	1/4"		TCW047158S	Card	10	100	16	17	1.5	120
TCR300079	5/16"		TCW047158S	Card	10	100	17	18	1.5	132
TCR300095	3/8"		TCW047158S	Card	10	100	17	18	1.5	124
TCR300127	1/2"	3/8"	TCW047158S	Card	10	100	18	19	1.5	138
TCR300158	5/8"	1/2"	TCW047158S	Card	10	100	21	22	1.5	175
TCR300190	3/4"		TCW047158S	Card	10	100	19.5	20.5	1.2	158
TCR300222	7/8"	3/4"	TCW047158S	Card	10	60	15	16	1.2	220
TCR300254	1"		TCW047168J	Card	10	60	17	18	1.2	250
TCR300285	1 1/8"	1"	TCW047158S	Card	10	60	14	15	1.2	196
TCR300318	1 1/4"		TCW047158S	Card	10	60	14	15	1.2	200

Auto Tube Cutter

- Body: Plastic
- For copper, aluminum
- Ideal for use in restricted areas
- Automatic feed cutting after each rotation
- Simple one-hand operation
- High efficiency



Item No.	O.D.	I.D.	Cutting Wheel	Package	Inner	Carton	N.W.	G.W.	Cuft	g
TCR415	15 mm		TCW047158S	Card	10	100	9.5	10.5	1.7	59
TCR416	16 mm	1/2"	TCW047158S	Card	10	100	9.5	10.5	1.7	59
TCR422	22 mm	3/4"	TCW047158S	Card	10	60	6	7	1	66
TCR428	28 mm	1"	TCW047158S	Card	10	60	7.5	8.5	1.2	78

Remark: optional HSS blade for stainless steel available

Auto Tube Cutter

- Body: Zinc
- For copper, aluminum
- Ideal for use in restricted areas
- Automatic feed cutting after each rotation
- Simple one-hand operation
- High efficiency



Item No.	O.D.	I.D.	Cutting Wheel	Package	Inner	Carton	N.W.	G.W.	Cuft	g
TCR308B	8 mm		TCW047158S	Card	10	100	17	18	1.5	132
TCR310B	10 mm		TCW047158S	Card	10	100	17	18	1.5	124
TCR312B	12 mm		TCW047158S	Card	10	100	18	19	1.5	144
TCR315B	15 mm		TCW047158S	Card	10	100	21.4	22.4	1.5	176
TCR316B	16 mm		TCW047158S	Card	10	100	20.6	21.6	1.5	174
TCR322B	22 mm		TCW047158S	Card	10	60	15	16	1.2	192
TCR328B	28 mm		TCW047158S	Card	10	60	14	15	1.2	194
TCR300127B	1/2"	3/8"	TCW047158S	Card	10	100	19	20	1.5	154
TCR300158B	5/8"	1/2"	TCW047158S	Card	10	100	21	22	1.5	175
TCR300190B	3/4"		TCW047158S	Card	10	60	13	14	1.2	168
TCR300222B	7/8"	3/4"	TCW047158S	Card	10	60	15	16	1.2	220
TCR300254B	1"		TCW047158S	Card	10	60	16	17	1.2	226
TCR300285B	1 1/8"	1"	TCW047158S	Card	10	60	14	15	1.2	196

Auto Tube Cutter Kit

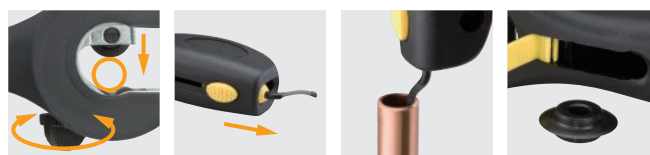
- Body: Zinc
- For Copper, aluminum
- Ideal for use in restricted areas
- Automatic feed cutting after each rotation
- Simple one-hand operation
- High efficiency and few burs
- Including a deburring tool
- Including 5 Spare Cutting Wheels



Item No.	O.D.	I.D.	Cutting Wheel	Package	Inner	Carton	N.W.	G.W.	Cuft	g
TCK006	10, 15, 18, 22, 28 mm		TCW047158S	Blowcase	0	20	26	27	1.9	1300
TCK007	1/4", 3/8", 1/2", 5/8", 3/4"		TCW047158S	Blowcase	0	20	21	22	1.9	1070
TCK008		3/4", 1/2", 1"	TCW047158S	Blowcase	0	20	19	20	1.9	924

Ratcheting Tube Cutter

- For copper, aluminum, metal
- Spring-loaded adjusting screw applies continuous pressure while cutting
- Strong light weight nylon handle
- With deburrer
- Including one spare cutting wheel



Cutting Wheel Deburrer Deburrer Cutting Wheel

Item No.	Capacity	Cutting Wheel	Package	Inner	Carton	N.W.	G.W.	Cuft	g
TCR222	1/4"-7/8" (6-23 mm)	TCW062180J	Card	6	48	16	17	2.2	306

Remark: optional HSS blade for stainless steel available

Ratcheting Tube Cutter

- For copper, aluminum, metal
- Spring-loaded adjusting screw applies continuous pressure while cutting
- Strong light weight nylon handle
- With deburrer
- Including one spare cutting wheel



Item No.	Capacity	Cutting Wheel	Package	Inner	Carton	N.W.	G.W.	Cuft	g
TCR115	5/16"-1 1/8" (8-29 mm)	TCW062180J	Card	6	48	17.5	18.5	2.4	346

Ratcheting Tube Cutter

- For copper, aluminum, metal
- Spring-loaded adjusting screw applies continuous pressure while cutting
- Strong light weight nylon handle



Item No.	Capacity	Cutting Wheel	Package	Inner	Carton	N.W.	G.W.	Cuft	g
TCR090	1/8"-1/2" (3-13 mm)	TCW030150J	Card	10	60	12	1	1.2	180

Ratcheting Tube Cutter

- For copper, aluminum, metal
- Spring-loaded adjusting screw applies continuous pressure while cutting
- Strong light weight nylon handle
- With deburrer



Item No.	Capacity	Cutting Wheel	Package	Inner	Carton	N.W.	G.W.	Cuft	g
TCR095B	1/8"-1/2" (3-13 mm)	TCW030150J	Card	10	60	12	13	1.2	180

Ratcheting Tube Cutter

- For copper, aluminum, metal
- Spring-loaded adjusting screw applies continuous pressure while cutting
- Strong light weight nylon handle
- Including one spare cutting wheel



Item No.	Capacity	Cutting Wheel	Package	Inner	Carton	N.W.	G.W.	Cuft	g
TCR100	1/4"-7/8" (6-23 mm)	TCW062180J	Card	6	48	16	17	2.2	309
TCR110	5/16"-1 1/8" (8-29 mm)	TCW062180J	Card	6	48	17.5	18.5	2.4	342

Ratcheting Tube Cutter

- For copper, aluminum, metal
- Spring-loaded adjusting screw applies continuous pressure while cutting
- Strong light weight nylon handle
- With deburrer
- Including one spare cutting wheel



Item No.	Capacity	Cutting Wheel	Package	Inner	Carton	N.W.	G.W.	Cuft	g
TCR105B	1/4"-7/8" (6-23 mm)	TCW062180J	Card	6	48	16	17	2.2	309

Remark: optional HSS blade for stainless steel available

Hose Cutter

- Multi purpose cutter designed to make quick work of thin wall plastic tube and hose



Item No.	Capacity	Body	Package	Inner	Carton	N.W.	G.W.	Cuft	g
PC023	1 7/16" (35 mm)	Aluminum	Card	12	72	16	17	1.75	195

Hose Cutter

- Multi purpose cutter designed to make quick work of thin wall plastic tube and hose



Item No.	Capacity	Body	Package	Inner	Carton	N.W.	G.W.	Cuft	g
PC026	1 1/2" (38 mm)	Plastic	Card	10	50	7	8.5	1.4	135

Hose Cutter

- Multi purpose cutter designed to make quick work of thin wall plastic tube and hose



Item No.	Capacity	Body	Package	Inner	Carton	N.W.	G.W.	Cuft	g
PC126	2" (50 mm)	Plastic	Card	10	50	7	8.5	1.4	135

Pipe Cutter

- Used for quickly cutting PVC, PP, PE, PER, ABS and HDPE pipes
- Triangular & Flat blade options



Item No.	Capacity	Body	Package	Inner	Carton	N.W.	G.W.	Cuft	g
PC128	1 1/8" (28 mm)	Plastic	Card	12	72	13.5	14.5	2	185

Pipe Cutter

- Used for quickly cutting PVC, PP, PE, PER, ABS and HDPE pipes
- Triangular & Flat blade options



Item No.	Capacity	Body	Package	Inner	Carton	N.W.	G.W.	Cuft	g
PC028	1 1/8" (28 mm)	Plastic	Card	12	72	13.5	14.5	2	185

Hose Cutter

- Multi purpose cutter designed to make quick work of thin wall plastic tube and hose



Item No.	Capacity	Body	Package	Inner	Carton	N.W.	G.W.	Cuft	g
PC032	1 1/4" (32 mm)	Plastic	Card	0	72	7	8	1.4	90

Hose Cutter

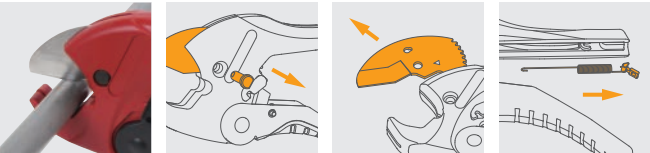
- Multi purpose cutter designed to make quick work of thin wall plastic tube and hose



Item No.	Capacity	Body	Package	Inner	Carton	N.W.	G.W.	Cuft	g
PC050	2" (50 mm)	Aluminum	Card	10	50	16	17	2.2	214

Ratcheting Pipe Cutter

- Body: Aluminum
- For PVC, CPVC, PEX & ABS
- Tool-free blade change mechanism
- Buckle Lock



Tension spring

NEW



Item No.	Capacity	Body	Package	Inner	Carton	N.W.	G.W.	Cuft	g
PC142	MAX. 1 5/8" (42 mm)	Aluminum	Card	6	36	20.8	21.8	2	525

Pipe Cutter

- Body: Aluminum
- Used for quickly cutting PVC, PP, PE, PER, ABS and HDPE pipes
- Effort-reducing rack system
- Locking latch
- With ergonomic soft grip
- Optional: Blade holder



Item No.	Capacity	Body	Package	Inner	Carton	N.W.	G.W.	Cuft	g
PC045	1 3/8" (45 mm)	Aluminum	Card	10	50	24	25	2.4	480

Pipe Cutter

- Body: Aluminum
- Used for quickly cutting PVC, PP, PE, PER, ABS and HDPE pipes
- Effort-reducing rack system
- With ergonomic soft grip



Item No.	Capacity	Body	Package	Inner	Carton	N.W.	G.W.	Cuft	g
PC136	1 3/8" (36 mm)	Aluminum	Card	0	50	19	20	2.6	480

Pipe Cutter

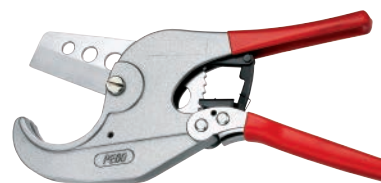
- Body: Aluminum
- Used for quickly cutting PVC, PP, PE, PER, ABS and HDPE pipes
- Effort-reducing rack system
- With ergonomic soft grip



Item No.	Capacity	Body	Package	Inner	Carton	N.W.	G.W.	Cuft	g
PC400A	1 5/8" (42 mm)	Aluminum	Card	6	36	15	16	1.6	328

Pipe Cutter

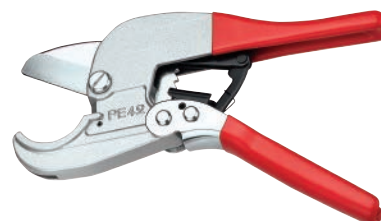
- Body: Aluminum
- Used for quickly cutting PVC, PP, PE, PER, ABS and HDPE pipes
- Effort-reducing rack system
- Non-slip sheathed handle for a better grip



Item No.	Capacity	Body	Package	Inner	Carton	N.W.	G.W.	Cuft	g
PC022	2 3/8" (60 mm)	Aluminum	Box	0	20	13	14	1.3	655

Pipe Cutter

- Body: Aluminum
- Used for quickly cutting PVC, PP, PE, PER, ABS and HDPE pipes
- Effort-reducing rack system
- Non-slip sheathed handle for a better grip



Item No.	Capacity	Body	Package	Inner	Carton	N.W.	G.W.	Cuft	g
PC042	1 5/8" (42 mm)	Aluminum	Card	6	36	17	18	2	445

Pipe Cutter

- Body: Aluminum
- Used for quickly cutting PVC, PP, PE, PER, ABS and HDPE pipes
- Effort-reducing rack system
- Locking latch



Item No.	Capacity	Body	Package	Inner	Carton	N.W.	G.W.	Cuft	g
PC400	1/8"-1 5/8" (3-42 mm)	Aluminum	Card	10	50	18	19	1.3	328

Pipe Cutter

- Body: Aluminum
- Used for quickly cutting PVC, PP, PE, PER, ABS and HDPE pipes
- Effort-reducing rack system
- Locking latch



Item No.	Capacity	Body	Package	Inner	Carton	N.W.	G.W.	Cuft	g
PC410	1/8"-1 3/8" (3-35 mm)	Aluminum	Card	10	50	18	19	1.3	279

Pipe Cutter

- Body: Aluminum
- Used for quickly cutting PVC, PP, PE, PER, ABS and HDPE pipes
- Effort-reducing rack system



Item No.	Capacity	Body	Package	Inner	Carton	N.W.	G.W.	Cuft	g
PC263	2 1/2" (63 mm)	Aluminum	Box	0	20	24	25	2.4	1200

Pipe Cutter

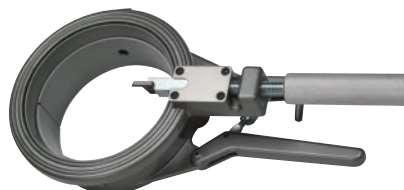
- With extension set suitable to separate down pipes
- Ideal for cutting and chamfering thin and thick walled PVC, PE, PP, PEX, PB and PVDF pipes
- Milled nut for adjusting the tension force
- Uniform chamfering of the entire pipe circumference
- Continuously adjustable tube clamping force
- Cutting depth max. 10 mm + 15.5 mm
- Reducing Jaw Sets not included



Item No.	Capacity	Package	Inner	Carton	N.W.	G.W.	Cuft	g
CK110	40, 50, 52, 58, 60, 63, 70, 75, 78, 80, 87, 90, 100 mm	Box	0	4	13	14	1.6	2590

Pipe Cutter

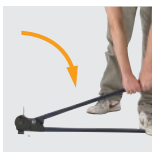
- With extension set suitable to separate down pipes
- Ideal for cutting and chamfering thin and thick walled PVC, PE, PP, PEX, PB and PVDF pipes
- Milled nut for adjusting the tension force
- Uniform chamfering of the entire pipe circumference
- Continuously adjustable tube clamping force
- Cutting depth max. 10 mm + 15.5 mm
- Reducing Jaw Sets not included



Item No.	Capacity	Package	Inner	Carton	N.W.	G.W.	Cuft	g
CK160	110, 125, 135, 140 mm	Box	0	4	14	15	2.7	3124

Threaded Rod Cutter

- Designed for cutting mild steel and stainless steel threaded rod
- With unique blades and mechanism, no more deburring



Item No.	Capacity	Package	Inner	Carton	N.W.	G.W.	Cuft	g
SS300	5/16", 3/8", 6, 8, 10 mm	Box	0	4	15	16	1.5	1500

PVC Cable Saw

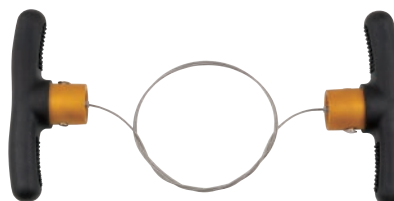
- Cuts PVC, CPVC, ABS pipes
- Stainless Steel cable with loop handles
- Ideal for use in tight spaces



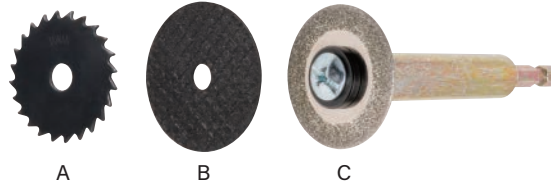
Item No.	Capacity	Package	Inner	Carton	N.W.	G.W.	Cuft	g
CS105	25"	Card	40	200	7	8	2.6	16
CS110	36"	Card	40	200	7	8	2.6	16

PVC Cable Saw

- Cuts PVC, CPVC, ABS pipes
- Stainless Steel cable with heavy duty handles
- Ideal for use in tight spaces



Item No.	Capacity	Package	Inner	Carton	N.W.	G.W.	Cuft	g
CS106	24"	Card	24	48	4	5	0.7	64
CS111	36"	Card	6	48	4	5	0.7	66



Internal Pipe Cutter

- Suitable for PVC, ABS & soft metal pipes
- Easy to install and replace
- Not only suitable for cutting from the outside, but also suitable for work scenarios where pipes need to be cut from the inside
- Cutting soft metal pipes, please use coolant or water when cutting to prevent the saw blade from overheating

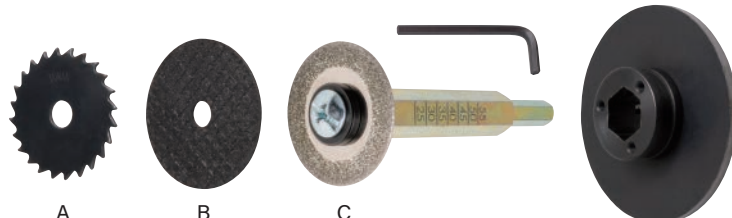
Item No.	Capacity	Package	Inner	Carton	N.W.	G.W.	Cuft	g
PC120	1/4" Hex Shank for quick-release type chucks	Card	24	192	27	28	2.3	106

Blade options for PC120, PC102 and PC122:

A: Heat-treated high carbon steel blade for plastic pipes

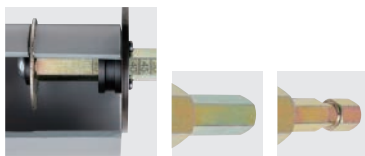
B: Abrasive discs for plastic/soft metal pipes

C: Diamond coated discs for plastic/soft metal pipes



Internal Pipe Cutter

- Suitable for PVC, ABS & soft metal pipes (thin aluminum or iron)
- Unique design: the inside pipe cutter is equipped with adjustable guide as a depth gauge, you can be set guide to maintain blade-cutting distance and ensure to hold drill straight at right angle to cut, get a precisely perfect result for cutting the pipe in every time
- The blade guide directs the cutting blade around the pipe for a smooth and even cut
- Not only suitable for cutting from the outside, but also suitable for work scenarios where pipes need to be cut from the inside
- Use coolant or water when cutting soft metal pipes to prevent the saw blade from overheating
- Cutting depth (when guide installed): 25-55 mm (5 mm per adjust unit)



PC102 PC122

Item No.	Capacity	Package	Inner	Carton	N.W.	G.W.	Cuft	g
PC102	5/16" speed power drill	Card	10	60	19.5	20.5	2.4	326
PC122	1/4" Hex Shank for quick-release type chucks	Card	10	60	19	20	2.4	316

Socket Saver

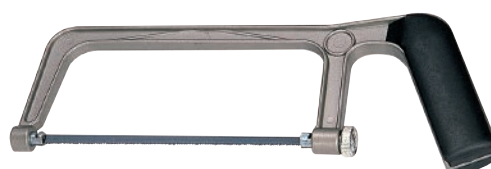
- Designed to remove schedule 40 plastic pipe from a hub, cut ABS or PVC DWV pipe below slab, easily remove broken pipe in a hub without costly replacement
- Compatibility: Fits 1/2" variable speed power drill
- Aids in removal of plastic pipe from plastic fittings
- Works on PVC, CPVC, and ABS fittings



Item No.	Capacity	Package	Inner	Carton	N.W.	G.W.	Cuft	g
PC125004A	1/2"	Tie Card	12	48	5	6	0.6	66
PC125006A	3/4"	Tie Card	12	48	5	6	0.7	67
PC125010A	1"	Tie Card	12	48	5.5	6.5	1	74
PC125015A	1 1/2"	Tie Card	12	48	8.5	9.5	1.6	110
PC125020A	2"	Tie Card	12	48	7.3	8.3	1.5	122
PC125030A	3"	Tie Card	12	24	5.3	6.3	1.2	192
PC125040A	4"	Tie Card	6	24	7	8	2.1	244

6" Mini Hacksaw

- Ideal for cutting copper, aluminum, brass, wood, steel, PVC, CPVC and ABS
- Compact size to cut in tight spaces.
- Frame includes a tension adjustment knob



Item No.	Capacity	Package	Inner	Carton	N.W.	G.W.	Cuft	g
HS100	24 TPI	Card	0	72	10	11	1.1	167

Mini Hacksaw

- Ideal for cutting copper, aluminum, brass, wood, steel, PVC, CPVC and ABS
- Compact size to cut in tight spaces
- With knurled grip to prevent slipping



Item No.	Capacity	Package	Inner	Carton	N.W.	G.W.	Cuft	g
HS110	32 TPI	Card	0	100	17	18	1.68	166

Replacement Blade



Item No.	Capacity	Blades For	Package	Inner	Carton	N.W.	G.W.	Cuft	g
HS001	24 TPI	HS-100	Bulk	0	1000	17	18	0.25	17
HS002	32 TPI	HS-110	Bulk	0	1000	17	18	0.25	17



HEAVY DUTY TUBE BENDER

Two-hand Bender

- Ideal for bending soft copper, aluminum, brass and soft steel pipes
- For exact two handed bending up to 180°
- Clamping device for a better gripping of the tube



Item No.	Capacity	Bends Up	Package	Inner	Carton	N.W.	G.W.	Cuft	g
TB300060	6 mm	180°	Box	0	50	27	28	2.2	480
TB300063	1/4"	180°	Box	0	50	27	28	2.2	480
TB300080	8 mm	180°	Box	0	40	26	27	1.9	584
TB300095	3/8"	180°	Box	0	30	27.6	28.6	2.1	837
TB300100	10 mm	180°	Box	0	30	27.6	28.6	2.1	837
TB300120	12 mm	180°	Box	0	30	27.6	28.6	2.1	852
TB300127	1/2"	180°	Box	0	20	26.5	27.5	2.4	1200
TB300130	13 mm	180°	Box	0	20	26.5	27.5	2.4	1200
TB300140	14 mm	180°	Box	0	20	26.5	27.5	2.4	1200
TB300150	15 mm	180°	Box	0	20	26.5	27.5	2.4	1200
TB300160	16 mm	180°	Box	0	20	26.5	27.5	2.4	1200

Two-hand Bender

- Ideal for bending soft copper, aluminum, brass and soft steel pipes
- Prevents slippage and flattening
- Fully adjustable to compensate for variances in tube tolerance
- Offset cushion grip handles for comfort when forming 180° bends



Item No.	Capacity	Bends Up	Package	Inner	Carton	N.W.	G.W.	Cuft	g
TB320047A	3/16"	180°	Box	0	30	19	20	1.6	633
TB320060A	6 mm	180°	Box	0	30	19	20	1.5	633
TB320063A	1/4"	180°	Box	0	30	19	20	1.5	633
TB320079A	5/16"	180°	Box	0	20	18.5	19.5	2.3	925
TB320080A	8 mm	180°	Box	0	20	18.5	19.5	2.3	925

Two-hand Bender

- Ideal for bending soft copper, aluminum, brass and soft steel pipes
- Prevents slippage and flattening
- Fully adjustable to compensate for variances in tube tolerance
- Offset cushion grip handles for comfort when forming 180° bends



Item No.	Capacity	Bends Up	Package	Inner	Carton	N.W.	G.W.	Cuft	g
TB321095A	3/8"	180°	Box	0	20	18.5	19.5	2.3	925
TB321100A	10 mm	180°	Box	0	20	18.5	19.5	2.3	925
TB321120A	12 mm	180°	Box	0	12	21	22	3.4	1750
TB321127A	1/2"	180°	Box	0	12	21	22	3.4	1750

Tube Bender

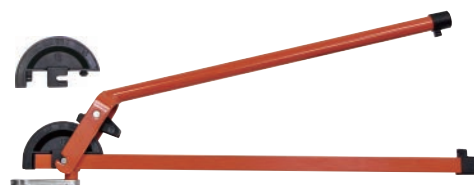
- Ideal for bending soft copper, aluminum, brass and soft steel pipes
- Prevents slippage and flattening
- Fully adjustable to compensate for variances in tube tolerance
- Offset cushion grip handles for comfort when forming 180° bends
- A 90° start angle and unique oil-absorbing shoe minimize bending effort while forming accurate bends



Item No.	Capacity	Bends Up	Package	Inner	Carton	N.W.	G.W.	Cuft	g
TB322140A	14 mm	180°	Box	0	8	23	24	3.6	2875
TB322150A	15 mm	180°	Box	0	8	23	24	2.4	2875
TB322158A	5/8"	180°	Box	0	8	23	24	3.6	2875
TB322160A	16 mm	180°	Box	0	8	23	24	3.6	2875
TB322190A	3/4"	180°	Box	0	6	21	22	2.9	3500

Tube Bender

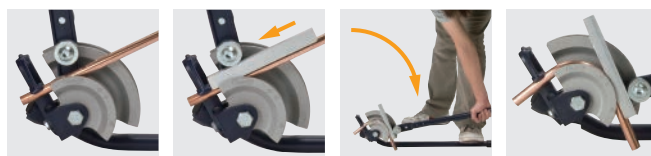
- For copper, aluminum, brass and soft steel pipes
- For exact two handed bending up to 90°
- For bending tubes with a diameter of 15 mm and 22 mm
- Bender plate is replaceable for different diameter hose



Item No.	Capacity	Bends Up	Package	Inner	Carton	N.W.	G.W.	Cuft	g
TB308	Ø12, r43 mm / Ø15 ,r60 mm	90°	Bulk	0	12	17	18	1.4	1480

Heavy Duty Tube Bender

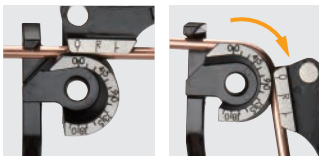
- For copper pipe
- Rollers manufactured from carbon steel and former from cast aluminium
- Handles tubular steel with PVC grips, overall length 640 mm
- Anodized aluminium guides



Item No.	Capacity	Bends Up	Package	Inner	Carton	N.W.	G.W.	Cuft	g
TB500	12, 15, 22 mm	90°	Box	0	4	19.5	20.5	2.6	3898
TB501	15, 22 mm	90°	Box	0	4	19.5	20.5	2.6	3898

3 in 1 Tube Bender

- For copper, aluminum, brass and soft steel pipes
- For exact two handed bending up to 180°
- For 3 dimensions without exchange of bending segments



Item No.	Capacity	Bends Up	Package	Inner	Carton	N.W.	G.W.	Cuft	g
TB312A	1/4", 5/16", 3/8"	180°	Box	0	50	21	22	2.6	416
TB312M	6, 8, 10 mm	180°	Box	0	50	21	22	2.6	416

3 in 1 Tube Bender

- For copper, aluminum, brass and soft steel pipes
- For exact two handed bending up to 90°
- For 3 dimensions without exchange of bending segments



Item No.	Capacity	Bends Up	Package	Inner	Carton	N.W.	G.W.	Cuft	g
TB301A	1/4", 5/16", 3/8"	90°	Box	0	50	21	22	1.8	348
TB301M	6, 8, 10 mm	90°	Box	0	50	21	22	1.8	348

Handy Bender

- For copper, aluminum, brass and soft steel pipes
- For exact two handed bending up to 90°
- For 3 dimensions without exchange of bending segments



Item No.	Capacity	Bends Up	Package	Inner	Carton	N.W.	G.W.	Cuft	g
TB346	1/8", 3/16", 1/4", 3, 4, 6 mm	90°	Bulk	10	100	13	14	1.1	122
			Card	10	60	9	10	2.2	122

4 in 1 Tube Bender

- Bend 3/16", 1/4", 5/16", 3/8" diameter tubing without kinking
- Place tubing in groove and turn the handle to bend



Item No.	Capacity	Bends Up	Package	Inner	Carton	N.W.	G.W.	Cuft	g
TB305	3/16", 1/4", 5/16", 3/8"	180°	Box	12	24	10	11	1.4	338

One Hand Bender Kit

- Body: Aluminum
- Mandrels: Aluminum
- For copper, aluminum, brass and soft steel pipes
- Ratcheting & quick-release mechanism
- Precise bend tubing up to 90°
- Index marks on the mandrels for accurate bending locations
- TB422A/M including tube cutter TC138A and deburrer DT200P



Item No.	Capacity	Bends Up	Package	Inner	Carton	N.W.	G.W.	Cuft	g
TB420A	3/8", 1/2", 5/8", 3/4", 7/8"	90°	Blowcase	0	4	15	16	1.5	3718
TB420M	10, 12, 14, 15, 16, 18, 20, 22 mm	90°	Blowcase	0	4	17	18	1.5	4196
TB422A	3/8", 1/2", 5/8", 3/4", 7/8"	90°	Blowcase	0	4	16	17	1.5	3974
TB422M	10, 12, 14, 15, 16, 18, 20, 22 mm	90°	Blowcase	0	4	18	19	1.5	4452

One Hand Bender Kit

- Body: Aluminum
- Mandrels: Aluminum
- For copper, aluminum, brass and soft steel pipes
- Ratcheting & quick-release mechanism
- Precise bend tubing up to 90°
- Including Handle latch
- Index marks on the mandrels for accurate bending locations



Item No.	Capacity	Bends Up	Package	Inner	Carton	N.W.	G.W.	Cuft	g
TB423A	1/4", 5/16", 3/8", 1/2", 5/8", 3/4", 7/8"	90°	Blowcase	0	4	15	16	1.5	3718
TB423M	6, 8, 10, 12, 14, 15, 16, 18, 20, 22mm	90°	Blowcase	0	4	17	18	1.5	4196

One Hand Bender Kit (Reverse Bending)

- Body: Aluminum
- Mandrels: Aluminum
- For copper, aluminum, brass and soft steel pipes
- Bends pipes in both "forward" and "reverse" configurations
- Ratcheting & quick-release mechanism
- Precise bend tubing up to 90°
- Including Handle latch
- Index marks on the mandrels for accurate bending locations



Item No.	Capacity	Bends Up	Package	Inner	Carton	N.W.	G.W.	Cuft	g
TB421A	3/8", 1/2", 5/8", 3/4", 7/8"	90°	Blowcase	0	4	14.5	15.5	1.5	3625
TB421M	10, 12, 14, 15, 16, 18, 20, 22mm	90°	Blowcase	0	4	18	19	1.5	4500
TB424A	1/4", 3/8", 5/16", 1/2", 5/8", 3/4", 7/8"	90°	Blowcase	0	4	19	20	1.5	4262
TB424M	6, 8, 10, 12, 14, 15, 16, 18, 20, 22mm	90°	Blowcase	0	4	19	20	1.5	4744

Bending Spring

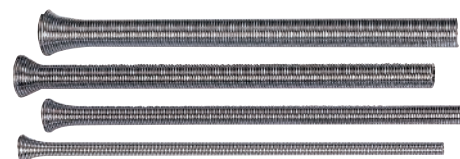
- For hand bending of soft copper and aluminum tubing to any angle without collapsing walls
- Angled cone
- Optimum spring from prevents buckling in the bending radius
- Special spring steel, zinc finish
- End belled for quick tube removal



Item No.	Capacity	Package	Inner	Carton	N.W.	G.W.	Cuft	g
TB200063	1/4"	Bulk	25	100	7	8	0.9	66
TB200080	8 mm (5/16")	Bulk	25	100	12	13	0.9	80
TB200095	3/8"	Bulk	25	100	14	15	0.8	110
TB200100	10 mm	Bulk	25	100	14	15	0.8	117
TB200120	12 mm (7/16")	Bulk	25	100	14	15	1.1	140
TB200127	1/2"	Bulk	25	100	14	15	1.1	140
TB200140	14 mm	Bulk	20	80	15	16	1.2	158
TB200150	15 mm	Bulk	20	80	17	18	1.5	212
TB200160	16 mm (5/8")	Bulk	20	80	17	18	1.5	212
TB200180	18 mm	Bulk	10	60	19	20	1.2	317
TB200190	19 mm (3/4")	Bulk	10	60	19	20	1.2	317
TB200200	20 mm	Bulk	10	40	14	15	1	350
TB200220	22 mm (7/8")	Bulk	10	40	17	18	1.5	378

4PCS/SET Bending Spring

- For hand bending of soft copper and aluminum tubing to any angle without collapsing walls
- Angled cone
- Optimum spring from prevents buckling in the bending radius
- Special spring steel, zinc finish
- End belled for quick tube removal

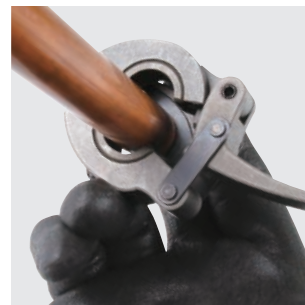


Item No.	Capacity	Package	Inner	Carton	N.W.	G.W.	Cuft	g
TB204A	1/4", 3/8", 1/2", 5/8"	Header Card	0	10	6	7	0.6	562



Rapid Flaring Tool Kit

- High efficiency
- Safety design
- Detachable handle
- Quick lock & release system
- Clutch mechanism
- Tube rapid positioning
- Including pen-type deburring tool DT300 for copper
- Including drill bit function
- Exclusive for Japan market, open for other regions



Tube Rapid Positioning



Quick Lock/Release System



Flare With a Drill



Clutch Mechanism



Use On-site

Item No.	Capacity	Package	Inner	Carton	N.W.	G.W.	Cuft	g
FT422A	1/4", 3/8", 1/2", 5/8", 3/4"	Blowcase	0	6	17.7	18.7	1.7	2890
FT422M	6, 10, 12, 16, 18 mm	Blowcase	0	6	17.7	18.7	1.7	2890

Cordless Electric Flaring Tool Kit

- 45° flare for R410A
- MCU-programmed brushless motor design
- LED lighting indicator display function
- Rechargeable lithium battery makes over 300 flares per charge
- Automatically return to the standby position after flare is completed, shorten operation time
- Complete circuit safety protection: circuit overheating, motor overloading, motor overtime, low battery voltage
- Battery power indicator
- Quick Lock & Release system
- One-button operation
- High Efficiency



NEW

Lithium Battery/Fast Charger



One-Hand Clamping



Fast & Simple Collet



Multi-angle Collet



Brushless Motor



High-Brightness LED & Power Indicator

Item No.	Capacity	Package	Inner	Carton	N.W.	G.W.	Cuft	g
EF101	1/4", 3/8", 1/2", 5/8", 3/4" Optional: 6mm, 8 mm, 10 mm, 12 mm, 16 mm, 18 mm	Blowcase	0	2	10.2	11.2	1.5	5060

Flaring and Swaging Kit

- Adapters: Cone 90°: 5/16", 1/2", 5/8", 3/4"
- 3 In 1: 3/16", 1/4", 3/8"



Item No.	Bar	Package	Inner	Carton	N.W.	G.W.	Cuft	g
FS240A	FTB243A: 1/2", 5/8", 3/4" FTB246A: 1/8", 3/16", 1/4", 5/16", 3/8", 7/16"	Blowcase	0	12	26.5	27.5	1.4	2200

Flaring Tool and Tube Cutter Kit

- Cutter: TC131A



Item No.	Bar	Package	Inner	Carton	N.W.	G.W.	Cuft	g
FTT270A	FTB210A: 3/16", 1/4", 5/16", 3/8", 7/16", 1/2", 5/8"	Blowcase	0	12	18.5	19.5	1.2	1550

Flaring Tool, Tube Cutter and Bending Spring Kit

- Cutter: TC131A
- Bending Spring: 10, 12, 14, 16 mm



Item No.	Bar	Package	Inner	Carton	N.W.	G.W.	Cuft	g
FTT290M	FTB210M: 4, 6, 8, 10, 12, 14, 16 mm	Blowcase	0	10	22	23	1.5	2112



Eccentric Cone Type Flaring Tool with Tube Cutter and Deburrer

- Cutter: TC126A
- Deburrer: DT200P
- Including drill bit function



Item No.	Bar	Package	Inner	Carton	N.W.	G.W.	Cuft	g
FTT400A	FTB400A: 1/8", 3/16", 1/4", 5/16", 3/8", 1/2", 5/8", 3/4"	Blowcase	0	10	26	27	2.1	2550
FTT400M	FTB400M: 6, 8, 10, 12, 14, 15, 16, 18 mm	Blowcase	0	10	26	27	2.1	2550
FTT422	FTB400A: 1/8", 3/16", 1/4", 5/16", 3/8", 1/2", 5/8", 3/4" FTB400M: 6, 8, 10, 12, 14, 15, 16, 18 mm	Blowcase	0	10	31.5	32.5	2.1	3150

Flaring Tool and Tube Cutter Kit

- Cutter: TC126A



Item No.	Bar	Package	Inner	Carton	N.W.	G.W.	Cuft	g
FTT260A	FTB230A: 3/16", 1/4", 5/16", 3/8", 7/16", 1/2", 5/8"	Blowcase	0	12	18	19	1	1465
FTT260M	FTB201M: 4.75, 5, 6, 8, 10 mm	Blowcase	0	12	18	19	1	1465

Flaring, Swaging and Tube Cutter Kit

- Cutter: TC126A
- Adapters: Cone 90°: 5/16", 1/2", 5/8", 3/4"
- 3 In 1: 3/16", 1/4", 3/8"



Item No.	Bar	Package	Inner	Carton	N.W.	G.W.	Cuft	g
FST275A	FTB243A: 1/2", 5/8", 3/4" FTB246A: 1/8", 3/16", 1/4", 5/16", 3/8", 7/16"	Blowcase	0	10	24	25	1	2406

Punch Type Flaring Tool Set

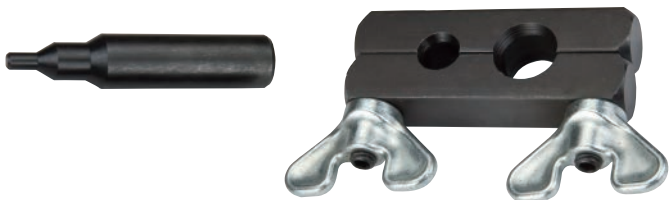
- For copper pipe
- Heat treated punch



Item No.	Capacity	Package	Inner	Carton	N.W.	G.W.	Cuft	g
FT304	10, 12, 14, 16, 18, 20, 22 mm	Bulk for Bar	0	20	18	19	0.4	1000
		Bulk for Punch	0	80	18	19	0.3	250

Punch Type Flaring Tool Set

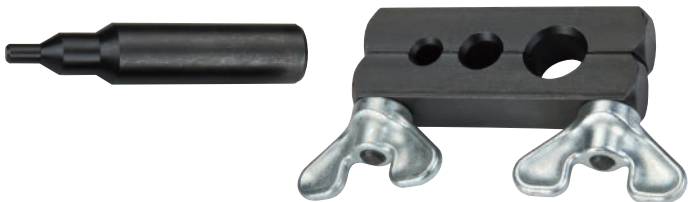
- For copper pipe
- Heat treated punch



Item No.	Capacity	Package	Inner	Carton	N.W.	G.W.	Cuft	g
FT312	1/2", 3/4"	Card	5	20	17	18	0.78	850

Punch Type Flaring Tool Set

- For copper pipe
- Heat treated punch



Item No.	Capacity	Package	Inner	Carton	N.W.	G.W.	Cuft	g
FT313	3/8", 1/2", 3/4"	Card	5	20	17	18	0.78	850

Punch Type Flaring Tool Set

- For copper pipe
- Heat treated punch



Item No.	Capacity	Package	Inner	Carton	N.W.	G.W.	Cuft	g
FT314	1/2", 3/4", 1"	Card	5	20	17	18	0.78	850

Swaging Punch



Item No.	Capacity	Package	Inner	Carton	N.W.	G.W.	Cuft	g
FT301	1/4", 5/16", 3/8", 1/2", 5/8"	Card	20	80	20	21	1	228

Swaging Punch



Item No.	Capacity	Package	Inner	Carton	N.W.	G.W.	Cuft	g
FT303	8, 10, 12, 14, 16 mm	Card	20	80	20	22	1	240

6 in 1 Swaging Punch



Item No.	Capacity	Package	Inner	Carton	N.W.	G.W.	Cuft	g
FT306	3/16", 1/4", 5/16", 3/8", 1/2", 5/8"	Card	20	80	19	20	1	146

Flaring Plier



Item No.	Package	Inner	Carton	N.W.	G.W.	Cuft	g
FT305	Bulk	0	40	18.5	19.5	0.5	463

Crox Tool

- For forming a crox at the end of a pipe to hold a nut



Item No.	Capacity	Package	Inner	Carton	N.W.	G.W.	Cuft	g
FT307	1/2" (12.7 mm)	Card	0	50	12	13	1.3	248

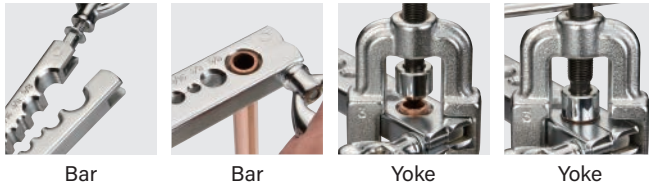
Punch Type Flaring Tool Set



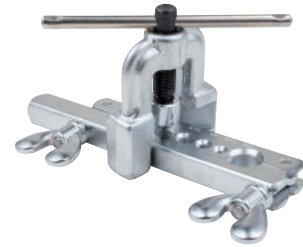
Item No.	Capacity	Package	Inner	Carton	N.W.	G.W.	Cuft	g
FT327	10, 12, 14, 16, 18, 20, 22 mm	Blowcase	0	6	18	19	1.4	3000

Heavy Duty Flaring Tool Set

- Yoke: Cast Iron
- Produces 45° flare



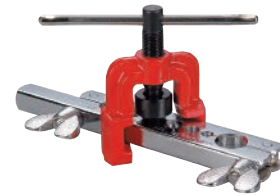
Item No.	Capacity	Yoke	Package	Inner	Carton	N.W.	G.W.	Cuft	g
FT230A	3/16", 1/4", 5/16", 3/8", 7/16", 1/2", 5/8"	Cast Iron	Card	6	24	20	21	1	780
FT230M	4, 6, 8, 10, 12, 14, 16 mm	Cast Iron	Card	6	24	20	21	1	780
FT231M	4, 4.75, 6, 8, 10, 12, 14 mm	Cast Iron	Card	6	24	20	21	1	780



Flaring Tool Set

- Yoke: Cast Iron
- Produces 45° flare

Item No.	Capacity	Yoke	Package	Inner	Carton	N.W.	G.W.	Cuft	g
FT7A	3/16", 1/4", 5/16", 3/8", 7/16", 1/2", 5/8"	Cast Iron	Card	6	24	20	21	1	752
FT7M	4, 6, 8, 10, 12, 14, 16 mm	Cast Iron	Card	6	24	20	21	1	752



Flaring Tool Set

- Yoke: Cast Iron
- Produces 45° flare

Item No.	Capacity	Yoke	Package	Inner	Carton	N.W.	G.W.	Cuft	g
FT10A	3/16", 1/4", 5/16", 3/8", 7/16", 1/2", 5/8"	Cast Iron	Card	3	24	21	22	1.3	916



Flaring Tool Set

- Yoke: Cast Iron
- Produces 45° flare

Item No.	Capacity	Yoke	Package	Inner	Carton	N.W.	G.W.	Cuft	g
FT210A	3/16", 1/4", 5/16", 3/8", 7/16", 1/2", 5/8"	Cast Iron	Card	6	24	20	21	1	780
FT210M	4, 6, 8, 10, 12, 14, 16 mm	Cast Iron	Card	6	24	20	21	1	780



Flaring Tool Set

- Yoke: Cast Iron
- Produces 45° flare

Item No.	Capacity	Yoke	Package	Inner	Carton	N.W.	G.W.	Cuft	g
FT250A	3/16", 1/4", 5/16", 3/8", 7/16", 1/2", 5/8", 3/4"	Cast Iron	Card	6	24	23	24	1.2	898
FT250M	4, 6, 8, 10, 12, 14, 16, 18 mm	Cast Iron	Card	6	24	23	24	1.2	898



Die-block Flaring Tool Set

- For the manufacture of conical flaring 45°



Item No.	Capacity	Package	Inner	Carton	N.W.	G.W.	Cuft	g
FT500A	3/16", 1/4", 5/16", 3/8", 1/2", 5/8"	Box	0	20	18	19	0.6	896
FT500M	6, 8, 10, 12, 15, 16 mm	Box	0	20	18	19	0.6	896

Die-block Flaring Tool Set

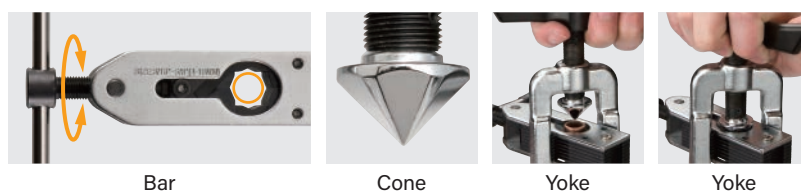
- For the manufacture of conical flaring 45°



Item No.	Capacity	Package	Inner	Carton	N.W.	G.W.	Cuft	g
FT501A	3/16", 1/4", 5/16", 3/8", 1/2", 5/8"	Box	0	20	18	19	0.6	893
FT501M	6, 8, 10, 12, 15, 16 mm	Box	0	20	18	19	0.6	893

Adjustable Opening and Holding Flaring Tool Set

- For the manufacture of conical flaring 45°
- Steplessly adjusted-suitable for any sizes between 3/16"-5/8" (4-16 mm)
- Self centering clamping



Item No.	Capacity	Package	Inner	Carton	N.W.	G.W.	Cuft	g
FT525	3/16"-5/8" (4-16 mm)	Box	0	20	18	19	0.6	826

Adjustable Opening and Holding Flaring Tool Set

- For the manufacture of conical flaring 45°
- Steplessly adjusted-suitable for any sizes between 3/16"-5/8" (4-16 mm)
- Self centering clamping



Item No.	Capacity	Package	Inner	Carton	N.W.	G.W.	Cuft	g
FT526	3/16"-5/8" (4-16 mm)	Box	0	20	18	19	0.6	826

Eccentric Cone Type Flaring Tool Set

- Handle: Lost wax casting
- With $\frac{3}{8}$ " square adapter for power drill $\frac{5}{16}$ " hex
- Optional $\frac{3}{8}$ " square adapter for impact drill $\frac{1}{4}$ " hex
- Eccentrically mounting, hardened steel flaring cone
- Handle clutch releases when flare is complete
- Produces 45° flare



Item No.	Capacity	Body	Package	Inner	Carton	N.W.	G.W.	Cuft	g
FT400A	$\frac{1}{8}$ ", $\frac{3}{16}$ ", $\frac{1}{4}$ ", $\frac{5}{16}$ ", $\frac{3}{8}$ ", $\frac{1}{2}$ ", $\frac{5}{8}$ ", $\frac{3}{4}$ "	Lost Wax Casting	Box	0	12	21	22	1.6	1400
FT400M	6, 8, 10, 12, 14, 15, 16, 18 mm	Lost Wax Casting	Box	0	12	20	21	1.6	1630
FT420	$\frac{1}{8}$ ", $\frac{3}{16}$ ", $\frac{1}{4}$ ", $\frac{5}{16}$ ", $\frac{3}{8}$ ", $\frac{1}{2}$ ", $\frac{5}{8}$ ", $\frac{3}{4}$ " 6, 8, 10, 12, 14, 15, 16, 18 mm	Lost Wax Casting	Box	0	12	23	24	1.6	1880
FT406A	$\frac{1}{4}$ ", $\frac{5}{16}$ ", $\frac{3}{8}$ ", $\frac{1}{2}$ ", $\frac{5}{8}$ ", $\frac{3}{4}$ "	Lost Wax Casting	Box	0	12	19	20	1.6	1600

Eccentric Cone Type Flaring Tool Set

- Handle: Lost wax casting
- With $\frac{3}{8}$ " square adapter for power drill $\frac{5}{16}$ " hex
- Optional $\frac{3}{8}$ " square adapter for impact drill $\frac{1}{4}$ " hex
- Eccentrically mounting, hardened steel flaring cone
- Handle clutch releases when flare is complete
- Produces 45° flare



Item No.	Capacity	Body	Package	Inner	Carton	N.W.	G.W.	Cuft	g
FT411A	$\frac{1}{8}$ ", $\frac{3}{16}$ ", $\frac{1}{4}$ ", $\frac{5}{16}$ ", $\frac{3}{8}$ ", $\frac{1}{2}$ ", $\frac{5}{8}$ ", $\frac{3}{4}$ "	Nodular Cast Iron	Box	0	12	21	22	1.6	1400
FT411M	6, 8, 10, 12, 14, 15, 16, 18 mm	Nodular Cast Iron	Box	0	12	21	22	1.6	1400
FT413A	$\frac{1}{4}$ ", $\frac{5}{16}$ ", $\frac{3}{8}$ ", $\frac{1}{2}$ ", $\frac{5}{8}$ ", $\frac{3}{4}$ "	Nodular Cast Iron	Box	0	12	21	22	1.6	1400

Eccentric Cone Type Flaring Tool Set

- Handle: Aluminum
- Eccentrically mounting, hardened steel flaring cone
- Handle clutch releases when flare is complete
- Produces 45° flare



Item No.	Capacity	Body	Package	Inner	Carton	N.W.	G.W.	Cuft	g
FT414A	$\frac{1}{8}$ ", $\frac{3}{16}$ ", $\frac{1}{4}$ ", $\frac{5}{16}$ ", $\frac{3}{8}$ ", $\frac{1}{2}$ ", $\frac{5}{8}$ ", $\frac{3}{4}$ "	Cast Iron	Box	0	12	21	22	1.6	1400
FT414M	6, 8, 10, 12, 14, 15, 16, 18 mm	Cast Iron	Box	0	12	21	22	1.6	1400
FT416A	$\frac{1}{4}$ ", $\frac{5}{16}$ ", $\frac{3}{8}$ ", $\frac{1}{2}$ ", $\frac{5}{8}$ ", $\frac{3}{4}$ "	Cast Iron	Box	0	12	21	22	1.6	1400

Ratchet Type Eccentric Cone Flaring Tool Set

- Handle: Lost wax casting
- Ratcheting handle reduces effort required especially in confined areas
- Eccentrically mounting, hardened steel flaring cone
- Handle clutch releases when flare is complete
- Produces 45° flare



Item No.	Capacity	Body	Package	Inner	Carton	N.W.	G.W.	Cuft	g
FT401A	1/8", 3/16", 1/4", 5/16", 3/8", 1/2", 5/8", 3/4"	Lost Wax Casting	Box	0	12	21	22	1.6	1400
FT401M	6, 8, 10, 12, 14, 15, 16, 18 mm	Lost Wax Casting	Box	0	12	21	22	1.6	1400
FT403A	1/4", 5/16", 3/8", 1/2", 5/8", 3/4"	Lost Wax Casting	Box	0	12	21	22	1.6	1400

Ratchet Type Eccentric Cone Flaring Tool Set

- Handle: Lost wax casting
- Ratcheting handle reduces effort required especially in confined areas
- Eccentrically mounting, hardened steel flaring cone
- Handle clutch releases when flare is complete
- Produces 45° flare
- FT421A for 37° flare



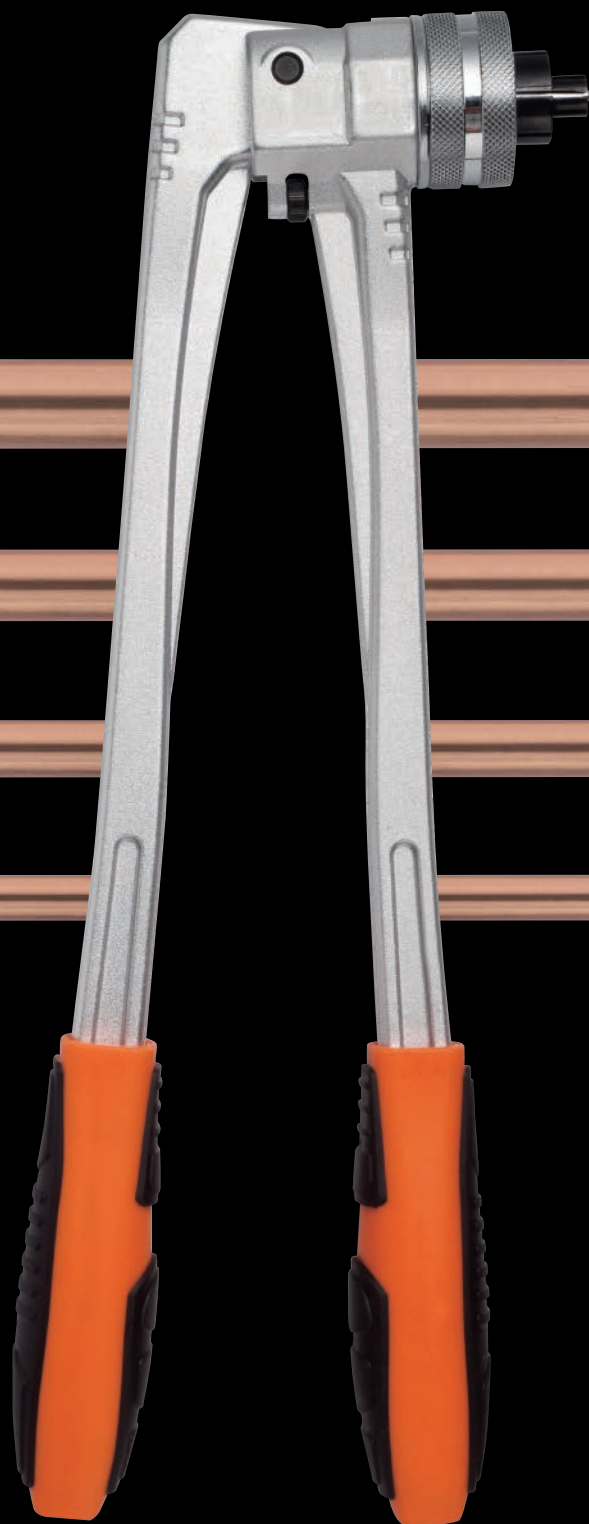
Item No.	Capacity	Body	Package	Inner	Carton	N.W.	G.W.	Cuft	g
FT417A	1/8", 3/16", 1/4", 5/16", 3/8", 1/2", 5/8", 3/4"	Cast Iron	Box	0	12	21	22	1.6	1400
FT417M	6, 8, 10, 12, 14, 15, 16, 18 mm	Cast Iron	Box	0	12	21	22	1.6	1400
FT419A	1/4", 5/16", 3/8", 1/2", 5/8", 3/4"	Cast Iron	Box	0	12	21	22	1.6	1400
FT421A	1/8", 3/16", 1/4", 5/16", 3/8", 1/2", 5/8", 3/4"	Cast Iron	Box	0	12	21	22	1.6	1400

Eccentric Cone Type Flaring Tool Set

- Handle : Metal
- Manual flare tool
- Produces 45° flare

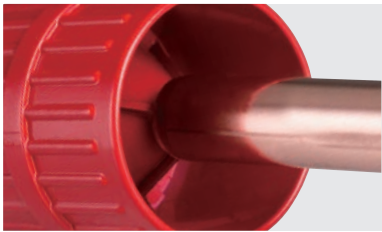
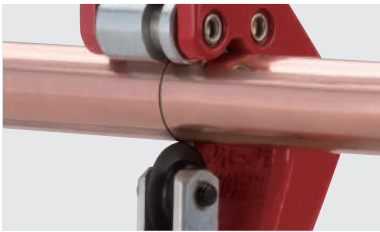


Item No.	Capacity	Body	Package	Inner	Carton	N.W.	G.W.	Cuft	g
FT600A	3/16", 1/4", 5/16", 3/8", 7/16", 1/2", 5/8", 3/4"	Cast Iron	Box	0	10	13	14	0.5	1300
FT600M	4, 6, 8, 10, 12, 14, 15, 16 mm	Cast Iron	Box	0	10	13	14	0.5	1300

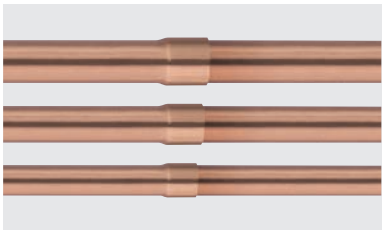
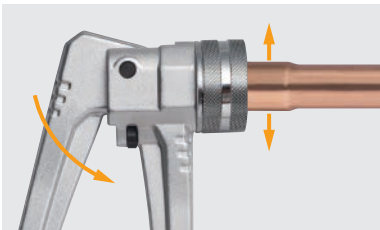
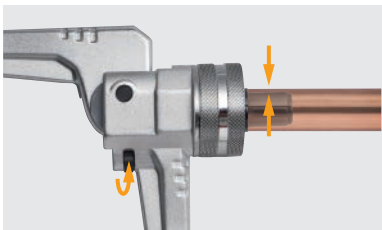
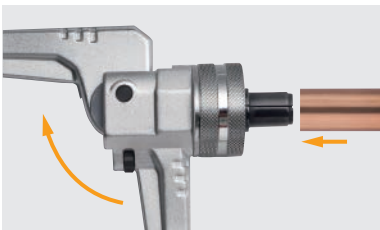
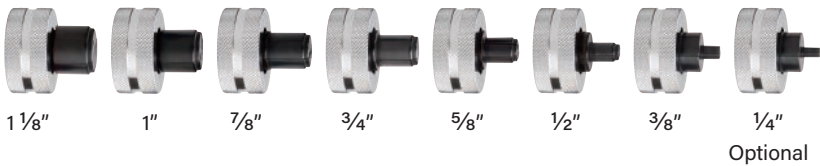


FLARING TOOL & EXPANDER 15

MULTI-SIZE EXPANDER KIT



Consists of 7 expander heads



Multi-size Expander Tool Kit

- Designed to expand tubing for fast, accurate joints in soft copper, aluminum and soft steel tube without using fittings
- Efficient, fitting-free installation of pipes in sanitary heating, gas, refrigeration and air-conditioning systems
- Quick and easy expander head change
- Optoinal tube cutter TC126A & deburrer DT200



Item No.	Capacity	Package	Inner	Carton	N.W.	G.W.	Cuft	g
FS401A	3/8", 1/2", 5/8", 3/4", 7/8", 1", 1 1/8" Optional: 1/4"	Blowcase	0	5	18.5	19.5	1.9	3670
FS401M	10, 12, 14, 15, 16, 18, 22 mm Optional: 28, 32 mm	Blowcase	0	5	18.5	19.5	1.9	3670

Deburring Tool

- Suitable for deburring PVC, ABS pipes, soft metal and wood
- Blades can be quick changed & installed by pushing button
- The 360° rotating design of the deburring tool easily deburr straight edges, curved edges and both the exterior and interior of certain holes
- Including one spare blade
- HSS blade suitable for deburring stainless steel



Item No.	Blade	Body	Package	Inner	Carton	N.W.	G.W.	Cuft	g
DT100	HSS or SUJ2	Plastic	Bulk	25	250	11	12	1	31
			Card	30	180	8	9	1.8	31

Deburring Tool

- Body: Aluminum
- Replacement deburring tool for tube cutter TC150, TC200, TC201, TC202, TC220, TC304, TC305 & TC306
- Ideal for deburr plastic, copper, aluminum and ferrous metals
- HSS blade suitable for deburring stainless steel



Item No.	Blade	Body	Package	Inner	Carton	N.W.	G.W.	Cuft	g
DT400	HSS or SUJ2	Aluminum	Bulk	30	300	8	9	1	17

Deburring Tool

- Body: Aluminum
- Replacement deburring tool for tube cutter TC152
- Ideal for deburr plastic, copper, aluminum and ferrous metals



Item No.	Blade	Body	Package	Inner	Carton	N.W.	G.W.	Cuft	g
DT401	SUJ2	Aluminum	Bulk	30	300	8	9	1	17

Pen-type Deburring Tool

- Suitable for deburring PVC, ABS pipes, soft metal and wood
- Turn the sleeve for blade change
- The 360° rotating design of the deburring tool easily deburr straight edges, curved edges and both the exterior and interior of certain holes
- With pocket clip
- Blade replaceable
- HSS blade suitable for deburring stainless steel



Item No.	Blade	Body	Package	Inner	Carton	N.W.	G.W.	Cuft	g
DT530	HSS or SUJ2	Plastic	Bulk	50	500	14	15	1	13
			Card	40	240	11	12	1.8	13

Pen-type Deburring Tool

- Suitable for deburring PVC, ABS pipes, soft metal and wood
- The 360° rotating design of the deburring tool easily deburr straight edges, curved edges and both the exterior and interior of certain holes
- With pocket clip
- HSS blade suitable for deburring stainless steel



Item No.	Blade	Body	Package	Inner	Carton	N.W.	G.W.	Cuft	g
DT300	HSS or SUJ2	Aluminum	Bulk	50	500	14	15	1	21
			Card	40	240	7.5	8.5	1.8	21

Pen-type Deburring Tool

- Suitable for deburring PVC, ABS pipes, soft metal and wood
- Quick-release collar easy blade swap
- The 360° rotating design of the deburring tool easily deburr straight edges, curved edges and both the exterior and interior of certain holes
- With pocket clip
- Blade replaceable
- HSS blade suitable for deburring stainless steel



Item No.	Blade	Body	Package	Inner	Carton	N.W.	G.W.	Cuft	g
DT500	HSS or SUJ2	Aluminum	Bulk	50	500	14	15	1	34
			Card	40	240	11	12	1.8	34

Pen-type Deburring Tool

- Suitable for deburring PVC, ABS pipes, soft metal and wood
- Quick-release collar easy blade swap
- The 360° rotating design of the deburring tool easily deburr straight edges, curved edges and both the exterior and interior of certain holes
- With pocket clip
- Blade replaceable with one spare scraper
- HSS blade suitable for deburring stainless steel



Item No.	Blade	Body	Package	Inner	Carton	N.W.	G.W.	Cuft	g
DT510	HSS or SUJ2	Aluminum	Bulk	50	500	14	15	1	26
			Card	40	240	11	12	1.8	26

Pen-type Deburring Tool

- Suitable for deburring PVC, ABS pipes, soft metal and wood
- Quick-release collar easy blade swap
- The 360° rotating design of the deburring tool easily deburr straight edges, curved edges and both the exterior and interior of certain holes
- With pocket clip
- Blade replaceable with one spare blade
- HSS blade suitable for deburring stainless steel



Item No.	Blade	Body	Package	Inner	Carton	N.W.	G.W.	Cuft	g
DT520	HSS or SUJ2	Aluminum	Bulk	50	500	14	15	1	26
			Card	40	240	11	12	1.8	26

Deburring Tool

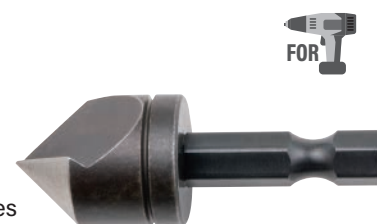
- Suitable for deburring PVC, ABS pipes, soft metal and wood
- Quick-release collar easy blade swap
- The 360° rotating design of the deburring tool easily deburr straight edges, curved edges and both the exterior and interior of certain holes
- Blade replaceable
- Various blade options:
SUJ2 or HSS blade
Inside (10.4) 1 - 9.5 mm I.D.
Inside (16.5) 1 - 15 mm I.D.
Inside (20) 3 - 18 mm I.D.
Inside (22) 3 - 19 mm I.D.
Outside (20) 4.75 - 18 mm O.D.
- Optional: blade protector
- HSS blade suitable for deburring stainless steel



Item No.	Capacity	Body	Package	Inner	Carton	N.W.	G.W.	Cuft	g
DT121A	1 blade	Plastic	Card	10	60	6	7	1.3	72
DT121B	2 blade	Plastic	Card	10	60	6	7	1.3	72
DT121C	3 blade	Plastic	Card	10	60	6	7	1.3	72

Chamfer Tool

- High speed steel blade
- Including drill bit function
- 1/4" Hex Shank for quick-release type chucks
- For steel, iron, stainless steel, copper, aluminum and hard plastic tubes
- Use lubricate oil to improve tool performance for hard steel
- Warning: Do not use impact/Hammer Drivers



Item No.	Capacity	Drill Use	Package	Inner	Carton	N.W.	G.W.	Cuft	g
DT122A	Inside (10.4) 1-9.5mm I.D.	0-400 RPMs	Card	10	60	7	8	1.3	115
DT122B	Inside (16.5) 1-15mm I.D.	0-400 RPMs	Card	10	60	8	9	1.3	136
DT122C	Inside (22) 3-19mm I.D.	0-400 RPMs	Card	10	60	9	10	1.3	152

Chamfer Tool

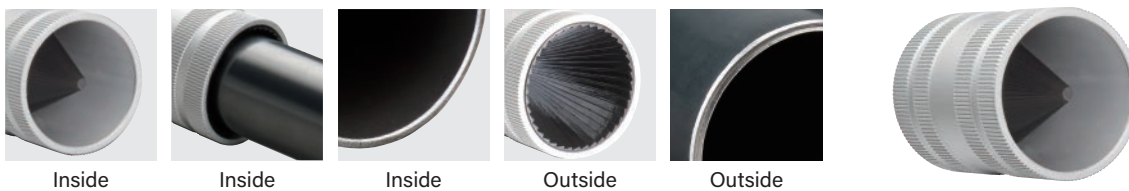
- High Speed Steel blade
- 1/4" Internal Hex Hole
- For steel, iron, stainless steel, copper, aluminum and hard plastic tubes
- Use lubricate oil to improve tool performance for hard steel
- Warning: Do not use impact/Hammer Drivers



Item No.	Capacity	Drill Use	Package	Inner	Carton	N.W.	G.W.	Cuft	g
DT123	Inside (22) 3-19mm I.D.	0-400 RPMs	Card	10	100	10	11	1	95

Inside/Outside Deburring Tool

- Reaming of all types of tubes
- For copper, stainless steel, aluminium, steel, hard plastics and multi-layer tubes
- Internal and external reaming of the tube
- Hardened taper section with 40 deburring blades



Item No.	Capacity	Body	Package	Inner	Carton	N.W.	G.W.	Cuft	g
DT210	10-54 mm	Aluminum	Box	0	30	15.5	16.5	0.83	451
DT220	8-35 mm	Aluminum	Box	0	60	13.5	14.5	0.7	215

Drill Set

- Use with DT220 or DT203



Item No.	Body	Package	Inner	Carton	N.W.	G.W.	Cuft	g
OT150	Plastic	Bulk	25	100	4	5	1.2	45

Inside/Outside Deburring Drill Set

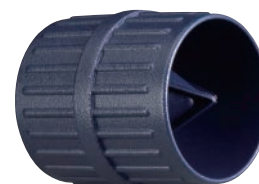
- 1/4" Hexagon drive
- Suitable for drills and cordless screwdrivers
- Reaming of all types of tubes
- For copper, stainless steel, aluminium, steel, hard plastics and multi-layer tubes
- Internal and external reaming of the tube
- Hardened taper section with 40 deburring blades



Item No.	Capacity	Body	Package	Inner	Carton	N.W.	G.W.	Cuft	g
OT150+DT220	8-35 mm	Aluminum	Box	N/A	50	14	15	1.2	260

Inside/Outside Deburring Tool

- 3 cutting edges for clean deburring
- For copper, aluminum and soft steel pipes



Item No.	Capacity	Body	Package	Inner	Carton	N.W.	G.W.	Cuft	g
DT200	Inside: 3/16"-1 5/8" (4.75-42 mm) Outside: 1/8"-1 3/8" (3-36 mm)	Zinc	Card	6	60	13	14	1.5	233

Inside/Outside Deburring Tool

- 3 cutting edges for clean deburring
- For copper, aluminum and soft steel pipes



Item No.	Capacity	Body	Package	Inner	Carton	N.W.	G.W.	Cuft	g
DT200P	3/16"-1 5/8" (4.75-42 mm)	Plastic	Card	12	120	5	6	2.5	36

Inside/Outside Deburring Tool

- 3 cutting edges for clean deburring
- For copper, aluminum and soft steel pipes
- Light weight
- Optional accessory: OT150, suitable for drills and cordless screwdrivers

NEW



Item No.	Capacity	Body	Package	Inner	Carton	N.W.	G.W.	Cuft	g
DT203	3/16"-1 3/8" (4.75-35 mm)	Aluminum	Box	10	100	9	10	0.9	88

Inside/Outside Deburring Tool

- For PVC pipes
- 8 cutting edges for clean deburring



Item No.	Capacity	Body	Package	Inner	Carton	N.W.	G.W.	Cuft	g
DT250	12-66 mm	Aluminum	Box	0	30	13	14	0.9	440

Ace External & Internal Chamfer Tool

- Including drill bit function 8mm DR
- For PE, PVC, CPVC, PEX, ABS & PP
- Warning: Do not use impact/Hammer Drivers

NEW



Item No.	Capacity	Drill Use	Package	Inner	Carton	N.W.	G.W.	Cuft	g
YPO051-SK7	Inner: 1 1/16"-1 3/8" (27-86 mm) Outer: 1 1/8"-3 1/4" (28-83 mm)	0-60 RPMs	Box	0	24	7.6	8.2	1.2	317

Nipple Cutter

- For red brass and brass thread
- Chamfers, deburrs & evens thread for the perfect connection
- Eliminates the need for a hacksaw to shorten thread
- 4 high speed steel cutting blades for a faster accurate cut
- Swarf Catcher Included
- Reduce mess & save time
- Please do not use with percussion drill to avoid blade from damage
- Exclusive for AU & NZ market, open for other regions

NEW



Item No.	Capacity	Package	Inner	Carton	N.W.	G.W.	Cuft	g
DT620	1/2" Fittings	Box	0	100	13	14	1.4	130

Extension Nipple Cutter

- For internal red brass and brass thread
- Chamfers, deburrs & evens thread for the perfect connection
- Eliminates the need for a hacksaw to shorten thread
- 4 high speed steel cutting blades for a faster accurate cut
- Swarf catcher included
- Please do not use with percussion drill to avoid blade from damage

NEW



Item No.	Capacity	Package	Inner	Carton	N.W.	G.W.	Cuft	g
DT621	1/2" Fittings	Box	0	100	11	12	1.4	110

Inside Deburring Tool

- For copper, aluminum and soft steel pipes
- Dual function: calibration and interior deburrer
- 4 diameters to calibrate the most frequently used dimensions
- T-handle made from plastic



Item No.	Capacity	Package	Inner	Carton	N.W.	G.W.	Cuft	g
DT606	25×2.5, 20×2, 18×2, 16×2 mm	Card	10	100	19.5	20.5	2.2	168

PEX-AL-PEX Reamers and Calibrator Tool

- Use for adjusting pipes cut mouth roundness and removing burrs for easier and convenient connecting
- T-handle made from plastic



Item No.	Capacity	Package	Inner	Carton	N.W.	G.W.	Cuft	g
DT611	32×3, 26×3, 25×2.5, 20×2, 18×2, 16×2, 14×2 mm	Bulk	0	70	21.7	22.7	0.8	300

PEX-AL-PEX Reamers and Calibrator Tool

- Step dimensions in mm: 25×2.5, 20×2, 16×2
- Use for adjusting pipes cut mouth roundness and removing burrs for easier and convenient connecting



Item No.	Capacity	Package	Inner	Carton	N.W.	G.W.	Cuft	g
DT710	25×2.5, 20×2, 16×2	Bulk	10	100	10	11	1	96

Chamfering Tool

- Releasable grips
- Chamfering angle: 15° on plastic pipes
- Pivoting counter-blade adjustment



Item No.	Capacity	Package	Inner	Carton	N.W.	G.W.	Cuft	g
DT700	25-168 mm	Box	0	12	8.8	9.8	2.3	720

Hand Reamer

- A simple tool for holing the calcium silicate boards or junction boxes
- Easy to use
- With a case for storage



Item No.	Package	Inner	Carton	N.W.	G.W.	Cuft	g
HC110	Card	10	60	5.4	6.4	1.7	34



32mm Jaw



Min: $\frac{3}{8}$ "

Max: $1\frac{3}{8}$ "

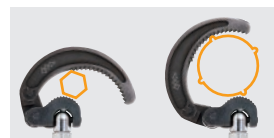
48mm Jaw



Min: $\frac{3}{4}$ "

Max: $1\frac{7}{8}$ "

63mm Jaw



Min: $\frac{7}{8}$ "

Max: $2\frac{1}{2}$ "



NEW



Exchangeable Basin Wrench Set

- CR.V. Steel Forged Jaws
- 4-Segmented shank, $\frac{3}{8}$ " square hole & 13 mm Hex-hole at each side
- Ideal for tight spaces and under sink applications
- Tension plug holds head in any position up to 180° angle
- Jaw quick-change
- With Socket Sizes: 9, 10, 11, 12, 14, 17 mm
- Shank quickly adjust for lengths from 10" to 17"

Item No.	Capacity	Package	Inner	Carton	N.W.	G.W.	Cuft	g
BW700	32, 48, 63 mm With Socket Sizes: 9, 10, 11, 12, 14, 17 mm	Blowcase	0	8	11.5	12.5	1.1	1424

Telescopic Basin Wrench

- CR.V. Steel Forged Jaw
- Ideal for tight spaces and under sink applications
- Tension plug holds head in any position up to 180° angle
- Shank quickly adjust for lengths from 10" to 17"



Item No.	Capacity	Package	Inner	Carton	N.W.	G.W.	Cuft	g
BW130A	32 mm	Card	6	24	19	20	0.8	808

Telescopic Basin Wrench

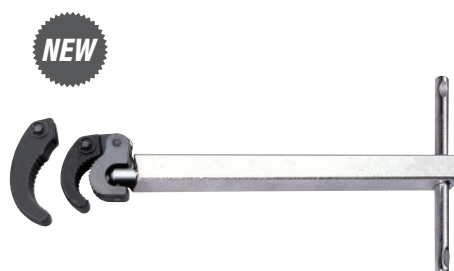
- BW130B: CR.V. Steel Forged Jaw
- BW163: Lost Wax Casted Jaw
- Ideal for tight spaces and under sink applications
- Tension plug holds head in any position up to 180° angle
- Shank quickly adjust for lengths from 10" to 17"



Item No.	Capacity	Package	Inner	Carton	N.W.	G.W.	Cuft	g
BW130B	48 mm	Card	6	30	19	25	0.8	828
BW130C	63 mm	Card	6	30	19	27	1.4	888

Telescopic Basin Wrench

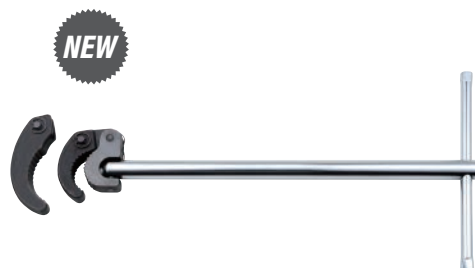
- CR.V. Steel Forged Jaws
- Jaw changeable
- Quick change axle clip
- Ideal for tight spaces and under sink applications
- Tension plug holds head in any position up to 180° angle
- Shank quickly adjust for lengths from 10" to 17"



Item No.	Capacity	Package	Inner	Carton	N.W.	G.W.	Cuft	g
BW135	32, 48 mm	Card	6	24	22.1	23.1	1	922

Basin Wrench

- CR.V. Steel Forged Jaws
- Jaw changeable
- Quick change axle clip
- Ideal for tight spaces and under sink applications
- Tension plug holds head in any position up to 180° angle
- Shank: 11"



Item No.	Capacity	Package	Inner	Carton	N.W.	G.W.	Cuft	g
BW141	32, 48 mm	Card	10	40	22	23	1.8	620

Basin Wrench

- CR.V. Steel Forged Jaw
- Ideal for tight spaces and under sink applications
- Tension plug holds head in any position up to 180° angle
- BW100A & BW110A Shank: 11"
- BW100B & BW110B Shank: 15"



Item No.	Capacity	Package	Inner	Carton	N.W.	G.W.	Cuft	g
BW100A	32 mm (Nickle Plated)	Card	20	40	20	21	1.2	480
BW110A	32 mm (Chrome Plated)	Card	20	40	20	21	1.2	482
BW100B	32 mm (Nickle Plated)	Bulk	0	40	24	25	0.7	624
BW110B	32 mm (Chrome Plated)	Bulk	0	40	24	25	0.7	624

Basin Wrench

- CR.V. Steel Forged Jaw
- Ideal for tight spaces and under sink applications
- Tension plug holds head in any position up to 180° angle
- BW140A Shank: 11"
- BW140B Shank: 15"



Item No.	Capacity	Package	Inner	Carton	N.W.	G.W.	Cuft	g
BW140A	32 mm	Card	10	40	22	23	1.8	498
BW140B	32 mm	Card	12	48	26	27	1.5	638

Basin Wrench

- CR.V. Steel Forged Jaw
- Ideal for tight spaces and under sink applications
- Tension plug holds head in any position up to 180° angle
- BW148A Shank: 11"
- BW148B Shank: 15"



Item No.	Capacity	Package	Inner	Carton	N.W.	G.W.	Cuft	g
BW148A	48 mm	Card	10	40	20	21	1.2	508
BW148B	48 mm	Card	4	40	22.5	23.5	1.5	658

Basin Wrench

- CR.V. Steel Forged Jaw
- Ideal for tight spaces and under sink applications
- Tension plug holds head in any position up to 180° angle
- Shank: 11"



Item No.	Capacity	Package	Inner	Carton	N.W.	G.W.	Cuft	g
BW150	32 mm	Card	10	40	20	21	1.6	500

Exchangeable Jaw Basin Wrench

- CR.V. Steel Forged Jaw
- Ideal for tight spaces and under sink applications
- Tension plug holds head in any position up to 180° angle
- Hexagonal arm fitting: 13 mm
- With sockets: 9, 10, 11, 14 mm
- Optional sockets: 8, 12, 15, 17 mm
- Shank: 11"



Item No.	Capacity	Package	Inner	Carton	N.W.	G.W.	Cuft	g
BW155	32 mm	Card	10	30	15	16	1.3	470

Exchangeable Basin Wrench

- Ideal for tight spaces and under sink applications
- Hexagonal arm fitting: 13 mm
- With sockets: 9, 10, 11, 14 mm
- Optional sockets: 8, 12, 15, 17 mm
- Shank: 11"



Item No.	Capacity	Package	Inner	Carton	N.W.	G.W.	Cuft	g
BW156	9, 10, 11, 13, 14 mm	Bulk	10	30	14	15	1.3	317

Thread Thru Stud Wrench

- Product dimension: 106 x 32 x 21 mm
- One way fastening, easy ratcheting function
- Used in 2 ways:
 - Straight handle for tightening
 - Handle can adjusted to 90° for fast turning
- Suitable for mounting hanger bolts to ceiling insert or plugged anchor
- Able to use from halfway point with long hanger bolts
- Lightweight, compact and easy to carry



Item No.	Capacity	Package	Inner	Carton	N.W.	G.W.	Cuft	g
SW045A	3/8"	Card	20	60	16	17	0.9	241
SW045B	1/2"	Card	20	60	16	17	0.9	241

Plumber's Wrench

- Double-ended wrench designed for use with
- 15 mm and 22 mm lavatory and basin nuts



Item No.	Capacity	Package	Inner	Carton	N.W.	G.W.	Cuft	g
NW150	15, 22 mm (1/2", 3/4")	TIE CARD	6	24	12	13	0.9	490

Chain Vise

- Hinged
- V shaped pipe rest with teeth
- Interchangeable jaws



Item No.	Capacity	Package	Inner	Carton	N.W.	G.W.	Cuft	g
CW202	2"	Box	0	10	16.2	18	1.2	1520
CW204	4"	Box	0	4	19.3	20	0.8	4716
CW208	8"	Box	0	2	19	20	0.9	8958

Heavy Duty Chain Wrench

- CR. V Steel Forged
- The length of the chain can be adjusted, fits most of pipe fittings and oil filters
- Good tool for auto repair or pipefitter, plumber



Item No.	Capacity	Package	Inner	Carton	N.W.	G.W.	Cuft	g
CW100	1/2"-4"	Box	0	12	17	18	0.8	834
		Bulk	1	12	17	18	0.8	834

Heavy Duty Chain Wrench

- CR. V Steel Forged
- The length of the chain can be adjusted, fits most of pipe fittings and oil filters. Good tool for auto repair or pipefitter, plumber



Item No.	Capacity	Package	Inner	Carton	N.W.	G.W.	Cuft	g
CW110	5/16"-4"	Box	4	24	21.8	22.8	0.9	842
		Bulk	20	20	18	19	0.6	842

4-Way Key

- Ideal for cabins locks, gas facilities, water, air conditioning, trains, electrical systems
- 4 different key-profiles in 1 tool

○ 4.5 mm & 3/16"



Item No.	Body	Package	Inner	Carton	N.W.	G.W.	Cuft	g
RK309	Brass	Card	12	120	3	4	0.6	25

4-Way Key

- Ideal for cabins locks, gas facilities, water, air conditioning, trains, electrical systems
- 4 different key-profiles in 1 tool

▲ 8 mm
○ 5, 6, 8 mm
○ 3-5 mm



Item No.	Body	Package	Inner	Carton	N.W.	G.W.	Cuft	g
RK305	Zinc	Card	20	200	16	17	1.65	75

4-Way Key

- Ideal for cabins locks, gas facilities, water, air conditioning, trains, electrical systems
- 4 different key-profiles in 1 tool

▲ 8 mm
○ 5, 6, 8 mm
○ 3-5 mm



Item No.	Body	Package	Inner	Carton	N.W.	G.W.	Cuft	g
RK305B	Zinc	Card	20	200	16	17	1.65	75

4-Way Key

- Ideal for cabins locks, gas facilities, water, air conditioning, trains, electrical systems
- 4 different key-profiles in 1 tool

▲ 10 mm
○ 5, 7, 8 mm
▲ 4-10 mm



Item No.	Body	Package	Inner	Carton	N.W.	G.W.	Cuft	g
RK306	Zinc	Card	20	200	16	17	1.65	75

4-Way Key

- Ideal for cabins locks, gas facilities, water, air conditioning, trains, electrical systems
- 4 different key-profiles in 1 tool

▲ 10 mm
○ 5, 7, 8 mm
▲ 4-10 mm

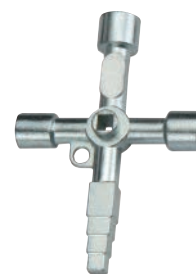


Item No.	Body	Package	Inner	Carton	N.W.	G.W.	Cuft	g
RK306C	Zinc	Card	20	200	16	17	1.65	75

4-Way Key

- Ideal for cabins locks, gas facilities, water, air conditioning, trains, electrical systems
- 4 different key-profiles in 1 tool

- 10 mm
- 5, 6, 7, 8 mm
- ▲ 6-9 mm



Item No.	Body	Package	Inner	Carton	N.W.	G.W.	Cuft	g
RK307	Zinc	Card	20	200	16	17	1.65	75

4-Way Key

- Ideal for cabins locks, gas facilities, water, air conditioning, trains, electrical systems
- 4 different key-profiles in 1 tool

- 10 mm
- 5, 6, 7, 8 mm
- ▲ 6-9 mm



Item No.	Body	Package	Inner	Carton	N.W.	G.W.	Cuft	g
RK307C	Zinc	Card	20	200	16	17	1.65	75

Universal Control Cabinet Key

- Body: Zinc
- Ideal for cabins locks, gas facilities, water, air conditioning, trains, electrical systems
- 8 different key-profiles in 1 tool
- For bits to DIN 3126/C 6,3
- Fourfold pivot mechanism
- With detachable chain & snap hook

- ▲ 7, 8-9 mm
- 5, 6, 7, 8 mm
- 3-5 mm
- 6 mm
- Daimler - Benz

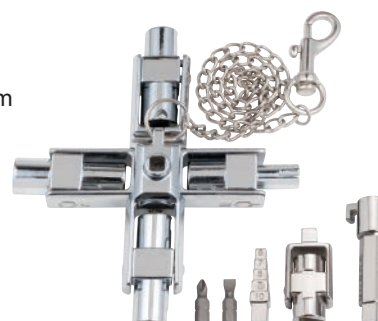


Item No.	Body	Package	Inner	Carton	N.W.	G.W.	Cuft	g
RK310	Zinc	Card	12	48	14	15	1.3	280

Universal Control Cabinet Key

- Body: Zinc
- Ideal for cabins locks, gas facilities, water, air conditioning, trains, electrical systems
- 8 different key-profiles in 1 tool
- For bits to DIN 3126/C 6,3
- Fourfold pivot mechanism
- With detachable chain & snap hook

- ▲ 7, 8-9, 10-11 mm
- 5, 6, 7, 8, 9-10 mm
- 3-5 mm
- 6 mm
- Daimler - Benz
- ▲ 6, 7, 8, 9, 10 mm
- Up To 40 mm



Item No.	Body	Package	Inner	Carton	N.W.	G.W.	Cuft	g
RK310B	Zinc	Card	12	36	15.5	16.5	1.1	440

1/2" Square Ratchet Handle

- For fitting the captive nuts connecting the regulating valve to the radiator
- Designed with anti-slip protrusion handle, ensure comfortable grip



Item No.	Capacity	Package	Inner	Carton	N.W.	G.W.	Cuft	g
RW140	1/2"	Bulk	0	25	13	14	0.4	516

1/2" Square Ratchet Handle With Step Wrench

- 1/2" drive square head radiator stepped wrench can be used with 1/2" ratchet wrench and other drives
- Designed with anti-slip protrusion handle, ensure comfortable grip



Item No.	Capacity	Package	Inner	Carton	N.W.	G.W.	Cuft	g
RW140B	3/8"-1"	Bulk	0	30	20	21	0.7	667

Step Wrench

- For use with reversing ratchet
- 1/2" drive square head radiator stepped wrench
- Stepped radiator spanner made of chrome vanadium steel for strength and durability



Item No.	Capacity	Package	Inner	Carton	N.W.	G.W.	Cuft	g
SW100	3/8", 1/2", 3/4", 1"	Bulk	20	120	24	25	0.5	123

Step Wrench

- For use with reversing ratchet
- 1/2" drive square head radiator stepped wrench
- Stepped radiator spanner has 8 different sizes



Item No.	Capacity	Package	Inner	Carton	N.W.	G.W.	Cuft	g
SW112	7/8", 27/32", 3/4", 35/65", 1/2", 15/32", 7/16", 3/8"	Bulk	20	120	17	18	0.4	132

Step Wrench

- For use with reversing ratchet
- 1/2" drive square head radiator stepped wrench



Item No.	Capacity	Package	Inner	Carton	N.W.	G.W.	Cuft	g
SW116	3/8"-3/4"	Bulk	20	120	12	13	0.4	96

Ratchet Wrench

- For fitting the captive nuts connecting the regulating valve to the radiator



Item No.	Capacity	Package	Inner	Carton	N.W.	G.W.	Cuft	g
RW110	3/16", 1/4", 5/16", 3/8"	Bulk	0	150	17	18	0.5	113

Sanitary Cross Wrench

- For valve extension 3/8", 1/2", 3/4", 1"
- Bolts M8, M10, M12
- Hexagon 10, 12, 17, 22 mm



Item No.	Capacity	Package	Inner	Carton	N.W.	G.W.	Cuft	g
SW300	3/8", 1/2", 3/4", 1"	Bulk	10	40	20	21	1.2	512

Sanitary Cross Wrench

- For valve extension 3/8", 1/2", 3/4", 1"
- Bolts M8, M10, M12
- Hexagon 10, 12, 17, 22 mm
- Square recess 3/8", 1/2"



Item No.	Capacity	Package	Inner	Carton	N.W.	G.W.	Cuft	g
SW301	3/8", 1/2", 3/4", 1"	Bulk	10	40	20	21	1.2	571

Double Open Ended Sanitary

- Sliding part with M10 interior thread



Item No.	Capacity	Package	Inner	Carton	N.W.	G.W.	Cuft	g
SW340	17, 19 mm	Bulk	N/A	50	13.5	14.5	0.6	269

Sanitary Faucet Extension Wrench



Item No.	Capacity	Package	Inner	Carton	N.W.	G.W.	Cuft	g
SW341	12 mm	Bulk	10	100	21.5	22.5	0.6	214

Rubber Strap Wrench

- Ideal for holding, tightening or loosening irregular shapes, including decorative finishes, also opens tight jar lids
- Works in tight spaces
- Fits any shape
- Rubber strap for a non-marring, slip-resistant grip



Item No.	Capacity	Package	Inner	Carton	N.W.	G.W.	Cuft	g
SW500	6"	Card	15	60	13	14	2.5	176
SW511	4"	Card	30	120	16	16.8	2.6	113
SW520	4", 6"	Card	6	36	14	15	3.2	289

Rubber Strap Wrench

- Ideal for holding, tightening or loosening irregular shapes, including decorative finishes, also opens tight jar lids
- Works in tight spaces
- Fits any shape
- Rubber strap for a non-marring, slip-resistant grip



Item No.	Capacity	Package	Inner	Carton	N.W.	G.W.	Cuft	g
SW505	6"	Card	15	60	21	22	3.5	234
SW515	4"	Card	30	120	16	17.5	2.5	92
SW530	4", 6"	Card	6	36	14	15	3.5	326

Shower Valve Socket Wrench

- Double-ended wrenches for reaching recessed shower valve stems in tile-covered walls



Item No.	Capacity	Package	Inner	Carton	N.W.	G.W.	Cuft	g
SW400	Set of SW401, SW402, SW403, SW404, SW405	Bulk	10	20	21	22	1.7	896
		Card	5	20	18	19	2	896
SW401	2 1/32", 2 7/32"	Bulk	10	60	9	10	1.4	108
SW402	2 9/32", 3 1/32"	Bulk	10	60	12	13	1.4	140
SW403	1 1/32", 1 3/32"	Bulk	10	60	12	13	1.4	160
SW404	1 5/32", 1 9/32"	Bulk	10	40	10	11	1.4	178
SW405	1 11/32", 1 7/16"	Bulk	10	40	12	13	1.4	216

Torque Wrench

- Built-in reversing lever one way ratchet
- Socket: $\frac{5}{16}$ "



Item No.	Automatic Release	Package	Inner	Carton	N.W.	G.W.	Cuft	g
TW100	60 IN. LB	Card	25	100	20	21	1.2	192

Torque Wrench

- Built-in clutch for reversing one way ratchet
- Available socket: $\frac{5}{16}$ " (8 mm) or $\frac{3}{8}$ "



Item No.	Automatic Release	Package	Inner	Carton	N.W.	G.W.	Cuft	g
TW120	60 IN. LB	Bulk	15	60	20	21	0.9	319
TW128	80 IN. LB	Bulk	15	60	20	21	0.9	319

Ratchet Torque Wrench

- Jaw: Lost wax casting
- Compatible with new refrigerants
- 30-degree working swing arc

NEW



Item No.	Capacity	Torque	Package	Inner	Carton	N.W.	G.W.	Cuft	g
TW200A	17mm ($\frac{1}{4}$ "	18N.m (180kgf/cm)	Bulk	0	25	12.6	13.6	0.4	505
TW200B	22mm ($\frac{3}{8}$ "	38N.m (380kgf/cm)	Bulk	0	25	14.5	15.5	0.4	570
TW200C	26mm ($\frac{1}{2}$ "	55N.m (550kgf/cm)	Bulk	0	25	14.5	15.5	0.4	584
TW200D	29mm ($\frac{5}{8}$ "	75N.m (760kgf/cm)	Bulk	0	25	16	17	0.4	630
TW200E	All	All	Blowcase	0	10	25	26	2	2489

WC Plumbing Combination Set

- Optimum working for disassembly and assembly of washbasins and wall fixtures
- Ideal for confined spaces
- Handy, multifunctional power tool
- In durable plastic storage case



Item No.	Capacity	Package	Inner	Carton	N.W.	G.W.	Cuft	g
SW330	Stock Screw Key Drive Tool: M8/M10 Assembly Tool. F Drain Valves. 9 mm, L: 185 mm Assembly Tool. F Drain Valves, 10 mm, L: 185 mm Assembly Tool. F Drain Valves, 13 mm, L: 185 mm Fitting Tool for Drain Valves, 92 mm Mounting Attachmnet F. Ecectric Fitting, M26	Blowcase	0	12	16.5	17.5	1.7	1320

Stud Screwdriver

- Stud screwdriver with ½" square drive for special adaptor
- For a damage free entry and boring of the stud

Item No.	Capacity
SW004	M8
SW005	M10



Stud Screwdriver, Magnetic

- Magnetic stud screwdriver with ¼" bit holder for screwdriver
- For a damage free entry and boring of the stud

Item No.	Capacity
SW010	M6
SW011	M8
SW012	M10
SW013	M12



Stud Screw Key with SDS Adaptor

- Stud screw key for machinery with SDS adaptor
- For a damage free entry and boring of the stud

Item No.	Capacity
SW014	M6



Tap Reseating Tool

- Copper threaded bushes with 12, 14, 17, 24, 28 mm milling cutter



Item No.	Capacity	Package	Inner	Carton	N.W.	G.W.	Cuft	g
TR100A	12, 14, 17, 24, 28 mm	Card	0	20	11.2	12.2	1.6	550

Tap Reseating Tool

- Copper threaded cone with 13, 15 mm milling cutter



Item No.	Capacity	Package	Inner	Carton	N.W.	G.W.	Cuft	g
TR120A	13, 15 mm	Card	12	120	20	21	2.9	163

Tap Reseating Tool

- With 15, 17, 19 mm milling cutter



Item No.	Capacity	Package	Inner	Carton	N.W.	G.W.	Cuft	g
TR120D	15, 17, 19 mm	Card	12	120	20	21	2.9	168

Tap Reseating Tool

- Threaded cone with 19, 22 mm milling cutter



Item No.	Capacity	Package	Inner	Carton	N.W.	G.W.	Cuft	g
TR130	19, 22 mm	Card	10	50	16	17	1.4	300

Tap Reseating Tool

- Double threaded bushes with 19, 22 mm milling cutter



Item No.	Capacity	Package	Inner	Carton	N.W.	G.W.	Cuft	g
TR130C	19, 22 mm	Card	10	50	19	20	1.2	370

Tap Reseating Tool

- Threaded bushes with 19 mm milling cutter



Item No.	Capacity	Package	Inner	Carton	N.W.	G.W.	Cuft	g	
TR140C	19 mm	Card	0	72	20	21	1.6	270	

Tap Reseating Tool

- Double threaded bushes with 19, 22 mm milling cutter



Item No.	Capacity	Package	Inner	Carton	N.W.	G.W.	Cuft	g	
TR140D	19, 22 mm	Card	0	50	19	20	12	370	

Faucet Seat Repair Kit

- Reseating tool with 1/4", 3/8", 1/2", 5/8" milling cutter and washers



Item No.	Capacity	Package	Inner	Carton	N.W.	G.W.	Cuft	g	
TR160C	1/4", 3/8", 1/2", 5/8"	Bulk	10	100	11	12	1	110	

Tap Reseating Tool

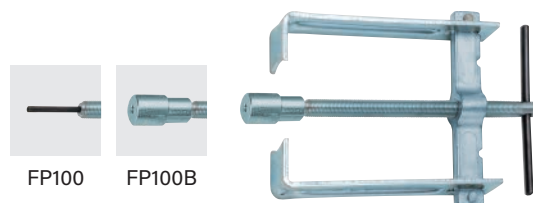
- Large handle and threaded cone with 17 , 19, 25 mm milling cutter



Item No.	Capacity	Package	Inner	Carton	N.W.	G.W.	Cuft	g	
TR180	17, 19, 25 mm	Card	0	50	19	20	1	388	

Faucet Puller

- Used to remove old faucet handles and seats easily
- Can be used to remove compression sleeves
- Adjustable arm allows for use both on small and large handle sizes
- Used as a puller not to damage pipes or knobs



Item No.	Package	Inner	Carton	N.W.	G.W.	Cuft	g
FP100	Card	10	50	16.5	19.7	1.9	310
FP100B	Card	10	50	16.5	19.7	1.9	310

MOEN® Stem & Cartridge Wrench (Stem & Cartridge)

- Wrench For MOEN® Faucets



Item No.	Package	Inner	Carton	N.W.	G.W.	Cuft	g
FP110	Card	0	72	20	21	1.8	240

Stem and Cartridge Wrench for MOEN® Faucets

- Removes MOEN® #1200 and #1225 cartridges
- Including adapter for Posi-temp valves



Item No.	Package	Inner	Carton	N.W.	G.W.	Cuft	g
FP120	Bulk	12	120	15	16	1	131

Pipe Nipple Extractor Set

- For iron pipe nipple, NPT 1/8", 1/4", 3/8", 1/2", 3/4"
- Left hand spiral and tapered to remove pipe nipples without thread damage
- Plated to prevent rusting



Item No.	Capacity	Package	Inner	Carton	N.W.	G.W.	Cuft	g
PNE110	1/8", 1/4", 3/8", 1/2", 3/4"	Card	10	60	17.5	19	1.2	258

Assembly Connection Gauge

- Dimensional and spatial alignment of all common installation inside dimensions 1/2" in bare brickwork
- Easily readable circular bubble and with depth adjustment
- Fixed adjustment increments: 75, 100, 120, 153, 200, 240 mm
- Also fits for assembly rails 150 mm
- For bathtubs and shower mixers, corner and flush-mounted valves, pipe ventilators



Item No.	Capacity	Package	Inner	Carton	N.W.	G.W.	Cuft	g
MH101	75, 100, 120, 153, 200, 240 mm	Box	0	10	12.5	13.5	1.4	1245

5-Blade Duct Crimper (Straight)

- One-hand operation latch
- Powerful compound leverage design



Item No.	Throat Depth	Package	Inner	Carton	N.W.	G.W.	Cuft	g
HV100	1 5/8" (41.3 mm)	Tie Card	6	24	13	14	1	480

5-Blade Duct Crimper (Offset)

- One-hand operation latch
- Powerful compound leverage design



Item No.	Throat Depth	Package	Inner	Carton	N.W.	G.W.	Cuft	g
HV102	1 5/8" (41.3 mm)	Tie Card	6	24	12	13	1.1	440

Snap Lock Punch (Design for Vinyl Only)

- One-hand operation latch
- Powerful compound leverage design



Item No.	Punch Dia.	Package	Inner	Carton	N.W.	G.W.	Cuft	g
PP711	1/2" (12.7 mm)	Bulk	6	36	14	15	1.5	376

Nail Hole Slot Punch

- One-hand operation latch
- Powerful compound leverage design



Item No.	Punch Dia.	Package	Inner	Carton	N.W.	G.W.	Cuft	g
PP720	5/8" (15.9 mm)	Bulk	6	36	14.7	15.7	1.5	390

Snap Lock Punch

- One-hand operation latch
- Powerful compound leverage design
- Slide adjustment for throat depth allows settings from 1/4" to 5/8" (6 to 16 mm) depth



Item No.	Capacity	Package	Inner	Carton	N.W.	G.W.	Cuft	g
PP730	1/4"-5/8" (6-16 mm)	Tie Card	6	36	15	16	1.8	404

Snap Lock Punch

- One-hand operation latch
- Powerful compound leverage design



Item No.	Capacity	Package	Inner	Carton	N.W.	G.W.	Cuft	g
PP731	3/8" (9.5 mm)	Tie Card	6	36	18.6	19.4	1.8	452

Hand Notcher (30° V)

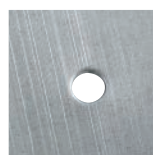
- One-hand operation latch
- Powerful compound leverage design



Item No.	Throat Depth	Package	Inner	Carton	N.W.	G.W.	Cuft	g
PP861	13/16" (20.6 mm)	Tie Card	6	36	19.2	20.2	2.2	485
PP862	1" (25.4 mm)	Tie Card	6	36	16.5	17.5	1.5	466

Ceiling Grid Punch

- One-hand operation latch
- Powerful compound leverage design



Item No.	Punch Dia.	Package	Inner	Carton	N.W.	G.W.	Cuft	g
PP700A	1/8" (3.2 mm)	Tie Card	6	24	14.7	15.7	2.9	620
PP700B	3/16" (4.8 mm)							

Metal Stud Crimper

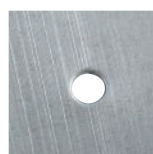
- One-hand operation latch
- Powerful compound leverage design



Item No.	Throat Dia.	Package	Inner	Carton	N.W.	G.W.	Cuft	g
PP710	1 1/2" (38.1 mm)	Tie Card	6	24	14.7	15.7	2.9	620

Ceiling Grid Punch

- One-hand operation latch
- Powerful compound leverage design



Item No.	Punch Dia.	Package	Inner	Carton	N.W.	G.W.	Cuft	g
PP702	1/8" (3.2 mm)	Tie Card	6	24	14.7	15.7	2.9	620

3" Hand Seamer (Straight)

- One-hand operation latch
- Forged steel jaw
- The straight seam double jaws are marked with gaps in ¼" increments, which makes it easier to control the clamping depth, and anti-skid lines inside the jaws prevent sheet metal from slipping during use



Item No.	Jaw Depth	Jaw Width	Package	Inner	Carton	N.W.	G.W.	Cuft	g
PH201	1 ¼" (31.8 mm)	3 ¼" (83 mm)	Tie Card	3	24	14.7	18	2	650

6" Hand Seamer (Straight)

- One-hand operation latch
- Forged steel jaw
- The straight seam double jaws are marked with gaps in ¼" increments, which makes it easier to control the clamping depth, and anti-skid lines inside the jaws prevent sheet metal from slipping during use



Item No.	Jaw Depth	Jaw Width	Package	Inner	Carton	N.W.	G.W.	Cuft	g
PH202	1 ¼" (31.8 mm)	6" (152 mm)	Tie Card	3	18	17	18	2.8	890

3" Offset Hand Seamer

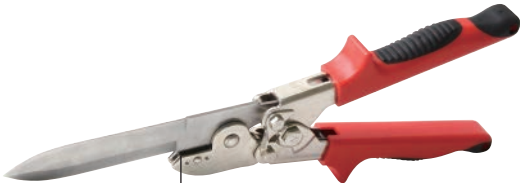
- One-hand operation latch
- Forged steel jaw
- The straight seam double jaws are marked with gaps in ¼" increments, which makes it easier to control the clamping depth, and anti-skid lines inside the jaws prevent sheet metal from slipping during use



Item No.	Jaw Depth	Jaw Width	Package	Inner	Carton	N.W.	G.W.	Cuft	g
PH211	1 ¼" (31.8 mm)	3 ¼" (83 mm)	Tie Card	3	24	17	18	2	680

Fiberglass Duct Cutter

- Built-in wire cutter
- Double edged blade



Wire Cutter

Item No.	Capacity	Package	Inner	Carton	N.W.	G.W.	Cuft	g
HV101	4" (102 mm)	Box	0	40	18	19	2.7	390

12" Folding Tool

- Handy sight holes to help assure proper depth alignment
- Ideal for HVAC applications-used for bending and forming metal, making seams, hems, pans and drive edges



Item No.	Capacity	Length	Package	Inner	Carton	N.W.	G.W.	Cuft	g
PH233	3/8" (9.5 mm), 1" (25.4 mm)	12" (305 mm)	Card	0	30	18	19	0.4	590

18" Folding Tool

- Handy sight holes to help assure proper depth alignment
- Ideal for HVAC applications-used for bending and forming metal, making seams, hems, pans and drive edges



Item No.	Capacity	Length	Package	Inner	Carton	N.W.	G.W.	Cuft	g
PH234	3/8" (9.5 mm), 1" (25.4 mm)	18" (457 mm)	Card	0	20	18	19	0.5	870

24" Folding Tool

- Handy sight holes to help assure proper depth alignment
- Ideal for HVAC applications-used for bending and forming metal, making seams, hems, pans and drive edges



Item No.	Capacity	Length	Package	Inner	Carton	N.W.	G.W.	Cuft	g
PH235	3/8" (9.5 mm), 1" (25.4 mm)	24" (610 mm)	Card	0	10	12	13	0.4	1170

Hole Cutter

- Longest lasting cutter bit
- Precision-fit sealed bearings
- Easy-adjusting pivot pin
- Compatible with any 1/4" drill chuck



Item No.	Capacity	Package	Inner	Carton	N.W.	G.W.	Cuft	g
HC100	2"-12" (5-30 cm)	Box	0	40	18.7	19.7	1.5	410
HC101	2"-20" (5-50.5 cm)	Box	0	30	18.7	19.7	1.7	550

Duct Stretcher (Straight)

- Aligns and pulls ductwork together, easing the installation of drive cleats
- Great for tight spaces
- Non-slip vinyl-cushioned grip



Item No.	Capacity	Package	Inner	Carton	N.W.	G.W.	Cuft	g
PH236	16" (406 mm)	Tie Card	15	60	18.5	19.5	1.5	270

Duct Stretcher (Offset)

- Aligns and pulls ductwork together, easing the installation of drive cleats
- Great for tight spaces
- Non-slip vinyl-cushioned grip
- Offset handle keeps your hands away from ductwork



Item No.	Capacity	Package	Inner	Carton	N.W.	G.W.	Cuft	G
PH238	16" (406 mm)	Tie Card	15	60	17.8	18.5	1.4	280

Pex Crimp Tool

- Crimps rings easily, giving good connections
- Crimpers are the right tools for PEX systems because they properly seal the rings without distortion
- With a go/no-go gauge and an Allen wrench



Item No.	Capacity	Package	Inner	Carton	N.W.	G.W.	Cuft	g
CT210A	3/8"	Box	0	8	15	16	0.9	1770
CT210B	1/2"	Box	0	8	15	16	0.9	1770
CT210C	3/4"	Box	0	8	15	16	0.9	1770

Pex Crimp Tool

- Crimps rings easily, giving good connections
- Crimpers are the right tools for PEX systems because they properly seal the rings without distortion
- With a go/no-go gauge and an Allen wrench



Item No.	Capacity	Package	Inner	Carton	N.W.	G.W.	Cuft	g
CT200A	1/2", 3/4"	Box	0	8	19	20	0.9	2300
CT210D	1/2", 3/4"	Box	0	8	15	16	0.9	1770

Pex Clamp Plier

- Crimps rings easily, giving good connections
- Crimpers are the right tools for PEX systems because they properly seal the rings without distortion
- With a go/no-go gauge and an Allen wrench



Item No.	Capacity	Package	Inner	Carton	N.W.	G.W.	Cuft	g
CT220A	1/2", 3/4", 3/8"	Box	0	8	16	17	0.8	2300
CT220B	1/2", 3/4", 1"	Box	0	8	16	17	0.8	2500
CT221A	1/2", 3/4", 3/8"	Box	0	6	15	16	0.8	2000
CT221B	1/2", 3/4", 1"	Box	0	6	15	16	0.8	2000

PE Squeeze-off Tool

- Clamps plastic pipe for effecting repairs without draining down the system or turning off the water supply



Item No.	Capacity	Package	Inner	Carton	N.W.	G.W.	Cuft	g
PL025	16-25 mm	Box	0	24	12	14	0.45	496
PL032	16-32 mm	Box	0	6	18.5	19.5	0.85	3064
PL063	20-63 mm	Box	0	4	18	19	0.75	4762

PE Squeeze-off Tool

- Thumbscrew operation



Item No.	Capacity	Package	Inner	Carton	N.W.	G.W.	Cuft	g
PL132	16-32 mm	Box	0	20	18	19	0.5	900

Re-rounding Tool

- One tool for re-rounding 3 sizes of PE pipe after squeezing off



Item No.	Capacity	Package	Inner	Carton	N.W.	G.W.	Cuft	g
PL150	3/4", 1", 1 1/4"	Bulk	0	30	18	19	0.6	586

Cleaning Brush

- With hanging hole
- With plastic handle
- Steel wire



Item No.	Capacity	Package	Inner	Carton	N.W.	G.W.	Cuft	g
BR204	1/2"	Bulk	50	300	10	11	1.8	34
BR206	3/4"	Bulk	50	300	10	11	1.8	38

4 in 1 Cleaning Brush

- For inside and outside cleaning
- For cleaning nominal tube and fittings in preparation for soldering or brazing
- With plastic body
- Steel wire



Item No.	Capacity	Package	Inner	Carton	N.W.	G.W.	Cuft	g
BR401	1/2", 3/4"	Card	10	50	11	12	1.8	68

4 in 1 Cleaning Brush

- For inside and outside cleaning
- For cleaning nominal tube and fittings in preparation for soldering or brazing
- With plastic body
- Steel wire



Item No.	Capacity	Package	Inner	Carton	N.W.	G.W.	Cuft	g
BR402	1/2", 3/4"	Card	15	60	9.5	10.5	1.9	120

Cleaning Brush

- For outside cleaning
- Steel wire



Item No.	Capacity	Package	Inner	Carton	N.W.	G.W.	Cuft	g
BR304	1/2"	Bulk	0	600	9	10	1.8	15
BR306	3/4"	Bulk	0	400	12	13	1.8	30

Cleaning Brush

- For inside and outside cleaning
- For cleaning nominal tube and fittings in preparation for soldering or brazing
- Steel brushes and polypropylene body for strength, durability
- Including drill bit function



BR504



BR506

Item No.	Capacity	Package	Inner	Carton	N.W.	G.W.	Cuft	g
BR504	1/2" I.D.	Card	10	100	17	18	1.3	170
BR506	3/4" I.D.	Card	10	100	17	18	1.3	170

Fin Straightening Tool

- Clean and straighten condenser and evaporator coils
- Straighten damaged fins and remove debris without danger of puncture
- Compact size for working in tight spaces



Item No.	Capacity	Package	Inner	Carton	N.W.	G.W.	Cuft	g
OT119	8, 9, 10, 12, 14, 15 Fins Per Inch	Card	10	60	8	9	2.4	92
OT170	8, 9, 10, 12, 14, 15 Fins Per Inch 10.5, 11, 13, 18, 20, 22 Fins Per Inch	Pouch Bag	0	60	9	10	1.8	118

Valve Fix and Bath Adapter

- For holding the drain plug in place while tightening or loosening the nut
- Wrench: M8 and M10 threads for fitting double-end studs
- Quick and easy to use
- Work for the assembly of bathtubs, sinks and washbasins
- ST131: Valve fix for ST130
- ST132: Bath adapter for ST130



Item No.	Capacity	Package	Inner	Carton	N.W.	G.W.	Cuft	g
ST130	M8, M10	Card	5	20	15	16	1.6	756

Valve Fix and Bath Adapter

- For holding the drain plug in place while tightening or loosening the nut
- Holder and boring tools for the eccentric and standard flush valves
- Quick and easy to use
- Work for the assembly of bathtubs, sinks and washbasins
- ST141: Valve fix for ST140
- ST142: Bath adapter for ST140



Item No.	Package	Inner	Carton	N.W.	G.W.	Cuft	g
ST140	Bulk	5	50	17	18	1.3	340

Tub Drain Remover

- Accommodates most tub drains and closet spuds
- Universal
- Smart dumbbell
- Use adjustable wrench or screwdriver to turn the tool
- Double ended



Item No.	Package	Inner	Carton	N.W.	G.W.	Cuft	g
ST100	Card	10	60	19	20	2	264

Edging Plier

- Cast iron
- For folding sheet metal
- Coated handles
- Sheet metal pliers suitable for most sheet metal bending and fabrication, ideal for bending thin-gauge metal, flat aluminum, metal roofs, HVAC duct systems and soldering work



PH200



PH210



PH220

Item No.	Capacity	Package	Inner	Carton	N.W.	G.W.	Cuft	g
PH200	180°	Box	0	30	19.5	20.5	1.3	660
PH210	45°	Box	0	30	19.5	20.5	1.3	670
PH220	90°	Box	0	30	24	25	1.4	760

Pump-action Pipe Cleaner

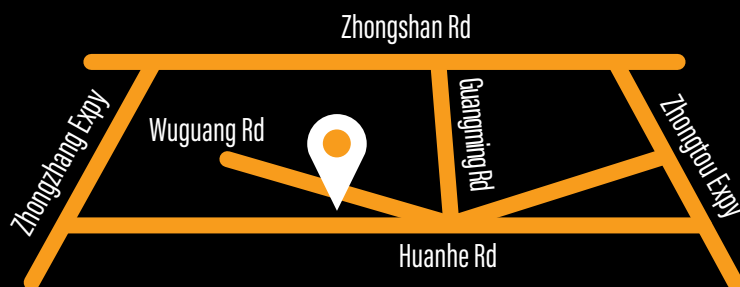
- Professional pump-action pipe cleaner for washbasin and toilet
- Works in both pressure and suction
- Adjustable handle
- 2 types of sleeve for all types of pipe cleaning, easy to put on and take off



Item No.	Package	Inner	Carton	N.W.	G.W.	Cuft	g
PS102B	Box	0	4	10	11	3.2	2050



Our Location





YUNG CHI INDUSTRY CO., LTD.

ADD : No. 336, Sec. 2, Huanhe Rd., Wuri Dist.,

Taichung City 414015, Taiwan

TEL : +886-4-23377969 / FAX : +886-4-23377818

EMAIL : sales@maxclaw.com.tw

WEBSITE : maxclawtools.com / YOUTUBE : @MaxclawTool

