

PLIERS & CUTTERS



- Gripping Surface

EXTRA STRONG CUTTING EDGE

- Special heat treatment for cutting edge which extends the service life. (HRC 60°)

HIGH CUTTING POWER

- Ergonomic handle design for better grip and additional comfort.

SURFACE TREATMENTS / HANDLES

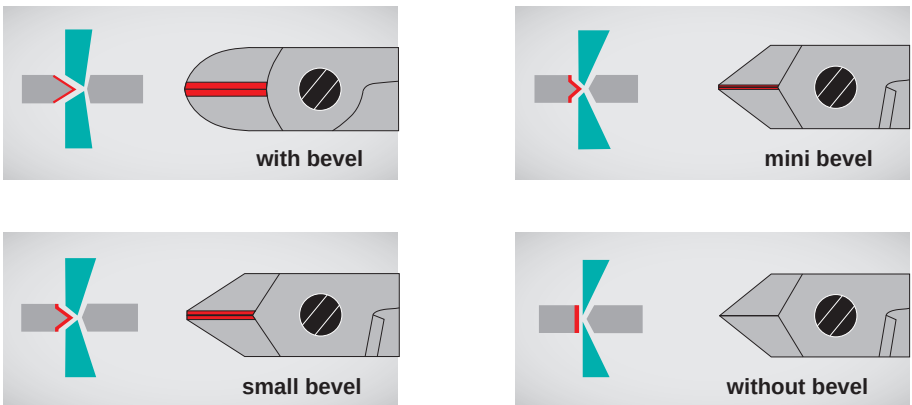


- ClearCoat finish
- Bi-material ergonomic handle

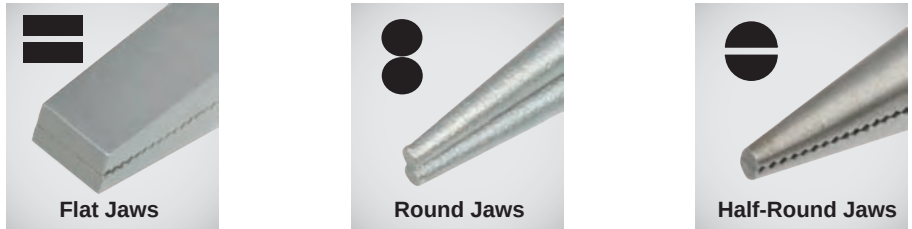


- Phosphate sunk with polished finish
- Anti-slip pvc grips

CUTTING EDGE SHAPES



BASIC SHAPES OF JAWS



PLIERS AND CUTTERS

15601-321

Combination Pliers

- For gripping and holding
- Cutting soft and hard wires and cables
- DIN 5746, ISO5746
- Chrome vanadium steel
- Clear coat finish



cables wire(mm)	medium hard wire(mm)	hard wire(mm)	L mm	g	Code
Ø10-16	Ø3.1	Ø2.0	160	222	160
Ø12-16	Ø3.4	Ø2.2	180	287	180
Ø13-16	Ø3.8	Ø2.5	200	381	200

15602-121

Flat Nose Pliers

- For gripping and bending of wires and metal sheets
- DIN 5745, ISO5745
- Chrome vanadium steel
- Clear coat finish



L mm	g	Code
160	157	160

15602-211

Long Nose Pliers

- For gripping and holding
- Cutting soft and hard wires and cables
- DIN 5745, ISO5745
- Chrome vanadium steel
- Clear coat finish



medium hard wire(mm)	hard wire(mm)	L mm	g	Code
Ø2.5	Ø1.6	160	153	160
Ø3.2	Ø2.2	200	257	200

15602-133

Round Nose Pliers

- For gripping and bending of wires and metal sheets
- DIN 5745, ISO5745
- Chrome vanadium steel
- Clear coat finish



L mm	g	Code
160	155	160

15603-211

Bent Nose Pliers

- For gripping and holding
- Cutting soft and hard wires and cables
- DIN 5745, ISO5745
- Chrome vanadium steel
- Clear coat finish



medium hard wire(mm)	hard wire(mm)	L mm	g	Code
Ø2.5	Ø1.6	160	154	160
Ø3.2	Ø2.2	200	261	200

15604-12

Diagonal Cutting Nippers

- Cutting soft and hard wires
- DIN 5749, ISO5749
- Chrome vanadium steel
- Clear coat finish



soft wire(mm)	medium hard wire(mm)	hard wire(mm)	L mm	g	Code
Ø4.0	Ø2.8	Ø2.0	160	229	160

PLIERS AND CUTTERS

15604-21

Heavy Duty Diagonal Cutting Nippers

- Cutting soft and hard wires and cables
- DIN 5749, ISO5749
- Chrome vanadium steel
- Clear coat finish



piano wire(mm)	medium hard wire(mm)	hard wire(mm)	L mm	g	Code
Ø2.2	Ø3.8	Ø2.7	180	272	180
Ø2.5	Ø4.2	Ø3.0	200	306	200

15606

Wire Strippers

- Stripping cables up to Ø 6mm
- DIN 5743 , ISO5743
- Chrome vanadium steel
- Satin finish



cables wire(mm)	L mm	g	Code
Ø6	180	236	180

15605-11

End Cutting Nippers

- Cutting soft and hard wires and cables
- DIN 5748, ISO5748
- Chrome vanadium steel
- Clear coat finish

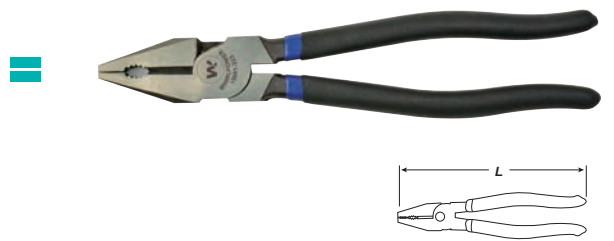


piano wire(mm)	soft wire(mm)	medium hard wire(mm)	hard wire(mm)	L mm	g	Code
Ø2.0	Ø4.0	Ø3.4	Ø2.5	160	292	160
Ø2.5	Ø4.0	Ø4.2	Ø3.0	200	404	200

15601-323

High-Leverage Linesman Pliers

- 45% energy saving
- For gripping and holding
- Cutting soft and hard wires and cables
- Chrome vanadium steel
- Clear coat finish, PVC grips



medium hard wire(mm)	hard wire(mm)	L mm	g	Code
Ø4.6	Ø3.0	230	354	230

15602-212

Long Nose Pliers

- For gripping and holding
- Cutting soft and hard wires and cables
- Chrome vanadium steel
- Clear coat finish, PVC grips

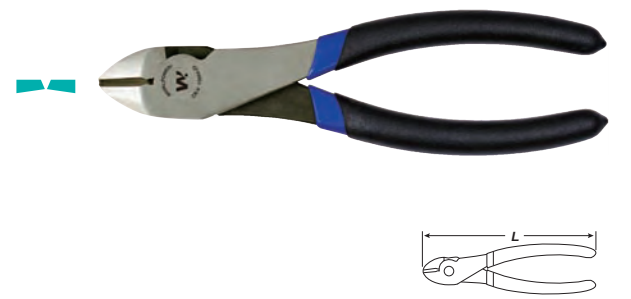


medium hard wire(mm)	hard wire(mm)	L mm	g	Code
Ø3.2	Ø2.2	200	257	200

15604-22

Heavy Duty Diagonal Cutting Nippers

- Cutting soft and hard wires and cables
- Chrome vanadium steel
- Clear coat finish, PVC grips



piano wire(mm)	medium hard wire(mm)	hard wire(mm)	L mm	g	Code
Ø2.2	Ø3.8	Ø2.7	180	272	180

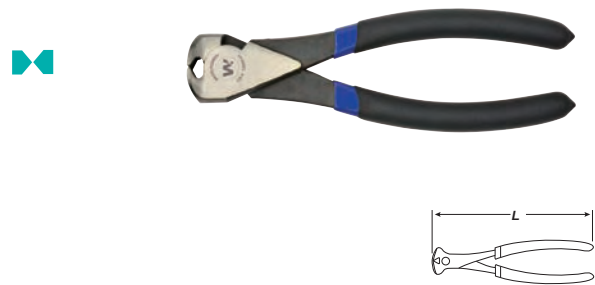


PLIERS AND CUTTERS

15609-01

End Cutting Nippers

- Cutting soft and hard wires and cables
- Alloy steel
- Clear coat finish, PVC grips

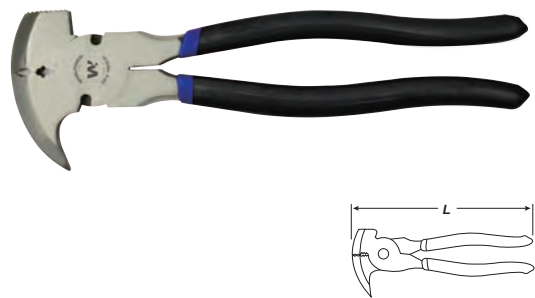


piano wire(mm)	soft wire(mm)	medium hard wire(mm)	hard wire(mm)	L mm	g g	Code
Ø2.0	Ø4.0	Ø3.4	Ø2.5	160	240	160
Ø2.5	Ø4.0	Ø4.2	Ø3.0	200	352	200

15610-01

Fencing Pliers

- Chrome vanadium steel
- Clear coat finish, PVC grips

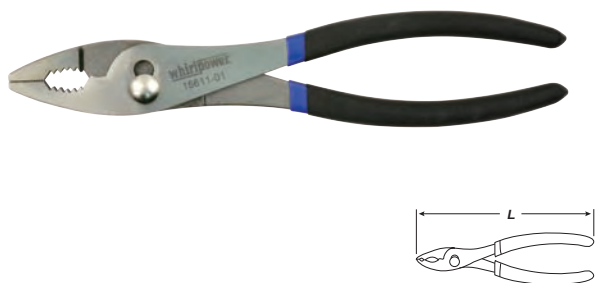


L mm	g g	Code
270	700	270

15611-01

Slip Joint Pliers

- Chrome vanadium steel
- Clear coat finish, PVC grips



L mm	g g	Code
165	182	165
210	280	210
250	320	250

15613-01

Carpenter Pincer

- Chrome vanadium steel
- Pliers phosphated, head polished, PVC grips

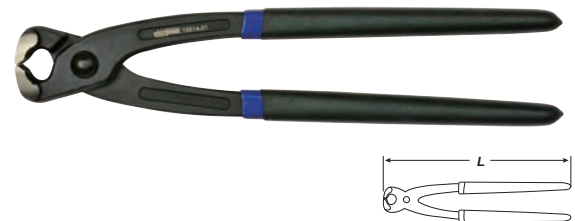


medium hard wire(mm)	L mm	g g	Code
Ø2.0	185	320	185
Ø2.2	210	400	210

15614-01

Tower Pincer

- Chrome vanadium steel
- Pliers phosphated, head polished, PVC grips

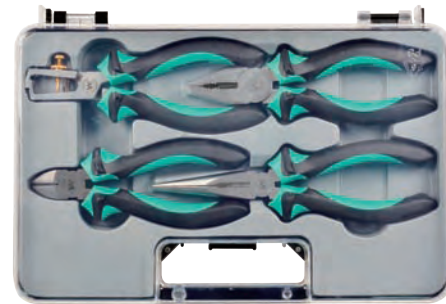


medium hard wire(mm)	hard wire(mm)	L mm	g g	Code
Ø2.4	Ø1.6	250	430	250

PLIER SETS

156-0104

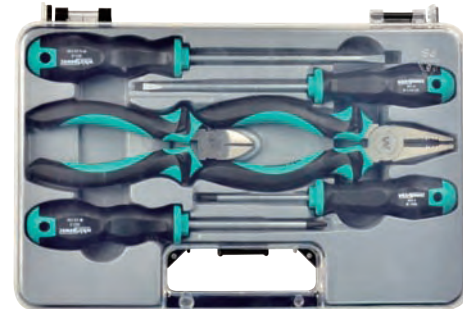
Tool Kit, 4pcs



Q'ty	Series	Contents	g g
1	15601-321	Combination Pliers, 180mm	1490
1	15602-311	Long Nose Pliers, 200mm	
1	15604-12	Diagonal Cutting Nippers, 160mm	
1	15606	Wire Strippers, 180mm	

156-0206

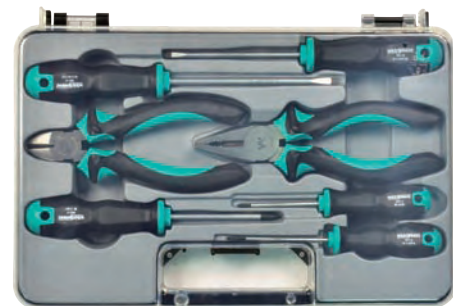
Tool Kit, 6pcs



Q'ty	Series	Contents	g g
1	15601-321	Combination Pliers, 180mm	1300
1	15604-12	Diagonal Cutting Nippers, 160mm	
4	951-6	⊖ 5.5x125, 6.5x150	
	952-3	⊕ 1x80, 2x100	

156-0407

Tool Kit, 7pcs



Q'ty	Series	Contents	g g
1	15601-321	Combination Pliers, 180mm	1230
1	15604-12	Diagonal Cutting Nippers, 160mm	
5	951-6	⊖ 2.5x75, 4.0x100, 5.5x125	
	952-3	⊕ 0x60, 1x80	

156-0608

Tool Kit, 8pcs



Q'ty	Series	Contents	g g
1	15601-321	Combination Pliers, 180mm	1170
1	15602-311	Long Nose Pliers, 200mm	
6	951-6	Screwdrivers ⊖ 2.5x75, 4.0x100, 5.5x125, 6.5x150	
	952-3	⊕ 1x80, 2x100	

156-0708

Tool Kit, 8pcs



Q'ty	Series	Contents	g g
1	15601-321	Combination Pliers, 180mm	1137
1	15604-12	Diagonal Cutting Nippers, 160mm	
6	951-6	Screwdrivers ⊖ 2.5x75, 4.0x100, 5.5x125, 6.5x150	
	952-3	⊕ 1x80, 2x100	

156-1009

Tool Kit, 9pcs



Q'ty	Series	Contents	g g
1	15601-321	Combination Pliers, 180mm	1412
1	15602-311	Long Nose Pliers, 200mm	
1	15604-12	Diagonal Cutting Nippers, 160mm	
6	951-6	Screwdrivers ⊖ 2.5x75, 4.0x100, 5.5x125	
	952-3	⊕ 0x60, 1x80, 2x100	



CIRCLIP PLIERS

15618-01

Circlip Pliers External Straight Nose

- Chrome vanadium steel
- Pliers phosphated, head polished, PVC grips



ø(bore) min-max		L mm	g 	Code
10-25	1.3	145	94	145
19-60	1.8	178	160	185
40-100	2.3	236	320	260

15618-02

Circlip Pliers External Bent Nose

- Chrome vanadium steel
- Pliers phosphated, head polished, PVC grips



ø(bore) min-max		L mm	g 	Code
10-25	1.3	145	94	145
19-60	1.8	178	160	185
40-100	2.3	236	320	260

15618-03

Circlip Pliers Internal Straight Nose

- Chrome vanadium steel
- Pliers phosphated, head polished, PVC grips



ø(bore) min-max		L mm	g 	Code
10-25	1.3	138	94	130
19-60	1.8	168	160	165
40-100	2.3	225	320	230

15618-04

Circlip Pliers Internal Bent Nose

- Chrome vanadium steel
- Pliers phosphated, head polished, PVC grips



ø(bore) min-max		L mm	g 	Code
10-25	1.3	130	94	130
19-60	1.8	165	160	170
40-100	2.3	230	320	230



CIRCLIP PLIERS

1744-05

Mini External Circlip Pliers, Bent Nose

- Alloy steel
- PVC grips
- Black phosphate finish



ø(bore) min-max		L mm	g 	Code
10-30	1.1	75	27	75

1744-06

Mini External Circlip Pliers, Straight Nose

- Alloy steel
- PVC grips
- Black phosphate finish



ø(bore) min-max		L mm	g 	Code
10-30	1.1	75	28	75

1744-07

Mini Internal Circlip Pliers, Bent Nose

- Alloy steel
- PVC grips
- Black phosphate finish



ø(bore) min-max		L mm	g 	Code
10-30	1.1	75	25	75

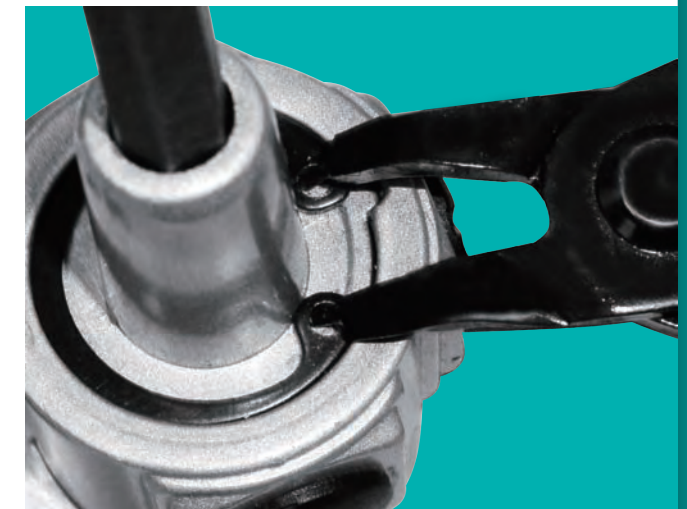
1744-08

Mini Internal Circlip Pliers, Straight Nose

- Alloy steel
- PVC grips
- Black phosphate finish



ø(bore) min-max		L mm	g 	Code
10-30	1.1	75	25	75



174-0104

Mini Circlip Pliers Set, 4pcs



Q'ty	Series	Contents	g
1	1744-05	External Pliers,Bent Nose, 75mm	142
1	1744-06	EXternal Pliers,Straight Nose, 75mm	
1	1744-07	Internal Pliers,Bent Nose, 75mm	
1	1744-08	Internal Pliers,Straight Nose, 75mm	

CIRCLIP PLIERS

1745-01

Long Internal Circlip Pliers, Straight Nose

- Tips high carbon steel
- Handle alloy steel
- Adjustable handle with blue PVC grips
- Black phosphate finish



ø(bore) min-max		L mm	g 	Code
85-170	3.0	400	960	670

1745-02

Long Internal Circlip Pliers, Bent Nose

- Tips high carbon steel
- Handle alloy steel
- Adjustable handle with blue PVC grips
- Black phosphate finish



ø(bore) min-max		L mm	g 	Code
85-170	3.0	400	953	671

1745-03

Long External Circlip Pliers, Straight Nose

- Tips high carbon steel
- Handle alloy steel
- Adjustable handle with red PVC grips
- Black phosphate finish



ø(bore) min-max		L mm	g 	Code
85-170	3.0	400	989	672

1745-04

Long External Circlip Pliers, Bent Nose

- Tips high carbon steel
- Handle alloy steel
- Adjustable handle with red PVC grips
- Black phosphate finish



ø(bore) min-max		L mm	g 	Code
85-170	3.0	400	973	673

1745-05

Extra Long Internal Circlip Pliers, Straight Nose

- Tips high carbon steel
- Handle alloy steel
- Adjustable handle with blue PVC grips
- Black phosphate finish



ø(bore) min-max		L mm	g 	Code
165-300	3.5	500	1653	680

1745-06

Extra Long Internal Circlip Pliers, Bent Nose

- Tips high carbon steel
- Handle alloy steel
- Adjustable handle with blue PVC grips
- Black phosphate finish



ø(bore) min-max		L mm	g 	Code
165-300	3.5	500	1687	681

1745-07

Extra Long External Circlip Pliers, Straight Nose

- Tips high carbon steel
- Handle alloy steel
- Adjustable handle with red PVC grips
- Black phosphate finish



ø(bore) min-max		L mm	g 	Code
165-300	3.5	500	1670	682

1745-08

Extra Long External Circlip Pliers, Bent Nose

- Tips high carbon steel
- Handle alloy steel
- Adjustable handle with red PVC grips
- Black phosphate finish



ø(bore) min-max		L mm	g 	Code
165-300	3.5	500	1703	683

LOCKING PLIERS

16421-1

Curved Jaw Locking Pliers

- Chrome vanadium steel jaw
- Chrome molybdenum steel handle
- Bodily heat-treated
- Welding
- With wire cutter



Size	capacity max(mm)	L mm	g 	Code
5"	31	145	185	145A
7"	33	187	390	187A
10"	48	224	560	224A

16421-2

Straight Jaw Locking Pliers

- Chrome vanadium steel jaw
- Chrome molybdenum steel handle
- Bodily heat-treated
- Welding



Size	capacity max(mm)	L mm	g 	Code
7"	26	188	392	188A
10"	39	232	567	232A

16421-3

Locking Pinch-off Pliers

- Chrome molybdenum steel handle
- Bodily heat-treated



Size	capacity max(mm)	L mm	g 	Code
7"	23	194	360	194A

16421-4

Curved Jaw Locking Pliers

- Chrome vanadium steel Jaw
- Chrome molybdenum steel handle
- Bodily heat-treated
- Welding



Size	capacity max(mm)	L mm	g 	Code
10"	49	228	570	228A

16421-5

Curved Jaw Locking Pliers

- Chrome vanadium steel jaw
- Chrome molybdenum steel handle
- Bodily heat-treated
- Welding
- With wire cutter



Size	capacity max(mm)	L mm	g 	Code
7"	23	194	375	194A

16422-1

Long Nose Locking Pliers

- Chrome vanadium steel jaw
- Chrome molybdenum steel handle
- Bodily heat-treated
- Welding
- With wire cutter



Size	capacity max(mm)	L mm	g 	Code
6"	47	170	169	170A
9"	48	217	374	217A



LOCKING PLIERS

16423-1

Locking C-Clamp with Swivel Pads

- Chrome vanadium steel Jaw
- Chrome molybdenum steel handle
- Bodily heat-treated
- Welding



Size	capacity max(mm)	L mm	g	Code
6"	38	176	313	176A
11"	85	285	823	285A

16423-2

Locking C-Clamp, Regular Tips

- Chrome vanadium steel jaw
- Chrome molybdenum steel handle
- Bodily heat-treated
- Welding



Size	capacity max(mm)	L mm	g	Code
6"	40	172	260	172A
11"	87	275	777	275A

16423-3

Deep Locking C-Clamp, Regular Tips

- Popular in welding and steel framing
- Material: jaw -CR-MO; body: CR-MO



Size	capacity max(mm)	L mm	g	Code
18"	0-221	440	1180	440A

16424-1

Sheet Metal Grip

- Chrome vanadium steel jaw
- Chrome molybdenum steel handle
- Bodily heat-treated
- Welding



Size	capacity max(mm)	L mm	g	Code
8"	23	206	500	206A
10"	39	245	700	245A

16425-1

Locking Chain Clamp

- Chain holds and locks around any shape or size
- Ideal for awkwardly shaped pieces
- Material: jaw-CR-MO; body-CR-MO



Size	capacity max(mm)	L mm	g	Code
18"	130	480	715	480A

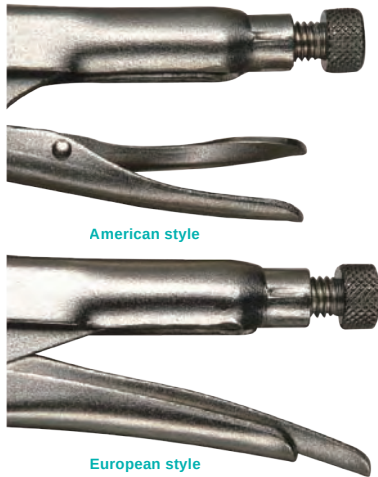
16426-1

Locking Welding Clamp

- For use in welding applications
- For holding awkward shapes in place
- Material: CR-MO
- Nickel plated finish



Size	capacity max(mm)	L mm	g	Code
9"	0-60	225	585	225A
11"	0-85	265	715	265A



American style

European style

LOCKING PLIERS

16421-6

Curved Jaw Locking Pliers (X Jaw Type)

- Chrome vanadium steel jaw
- Chrome molybdenum steel handle
- Bodily heat-treated



Size	capacity max(mm)	L mm	g	Code
7"	51	175	391	175A
10"	63	250	561	250A

LOCKING PLIERS - GRIP TEST RESULTS

Series	16421-1	16421-6
Style	Curved	X-Jaw
Capacity	10"	10"
Model	1	2
Results(lb) ASME 107.24 (Minimum Test Torque900 lb)	1122.6	1771.0



X-JAW

CURVED

16427-2

Hose Clamp Pliers

- Chrome molybdenum steel jaw
- Carbon steel handle
- Special jaws design to access hose clamps in any position
- Services most ring-type or flat-band hose clamps



Size	capacity max(mm)	L mm	g	Code
10"	0-38	240	315	240



Hose clamp pliers make installing and removing flat-typed hose clamps in hidden and hard to reach areas easier.



LOCKING PLIERS

16431-1

Curved Jaw Locking Pliers

- Chrome molybdenum steel jaw
- Chrome molybdenum steel handle
- Bodily heat-treated
- Welding
- With wire cutter



Size	capacity max(mm)	L mm	g	Code
5"	37	125	185	125
7"	51	175	355	175
10"	63	250	550	250

16431-2

Straight Jaw Locking Pliers

- Chrome molybdenum steel jaw
- Chrome molybdenum steel handle
- Bodily heat-treated
- Welding



Size	capacity max(mm)	L mm	g	Code
7"	51	175	390	175
10"	57	250	590	250

16431-7

The Large Jaw Locking Pliers

- Chrome vanadium steel jaw
- Chrome molybdenum steel handle
- Bodily heat-treated
- Welding



Size	capacity max(mm)	L mm	g	Code
10"	50	250	575	250

16432-1

Long Nose Locking Pliers

- Chrome molybdenum steel jaw
- Chrome molybdenum steel handle
- Bodily heat-treated
- Welding
- With wire cutter



Size	capacity max(mm)	L mm	g	Code
6"	62	150	195	150
9"	86	225	390	225

16433-1

Locking C-Clamp with Swivel Pads

- Chrome vanadium steel jaw
- Chrome molybdenum steel handle
- Bodily heat-treated
- Welding



Size	capacity max(mm)	L mm	g	Code
6"	48	150	280	150
11"	102	275	815	275

16433-2

Locking C-Clamp, Regular Tips

- Chrome vanadium steel jaw
- Chrome molybdenum steel handle
- Bodily heat-treated
- Welding



Size	capacity max(mm)	L mm	g	Code
6"	54	150	240	150
11"	98	275	800	275

16434-1

Sheet Metal Grip

- Chrome molybdenum steel jaw
- Chrome molybdenum steel handle
- Bodily heat-treated
- Welding



Size	capacity max(mm)	L mm	g	Code
8"	52	205	555	205
10"	52	250	715	250

16436-1

Locking Welding Clamp

- Chrome molybdenum steel jaw
- Chrome molybdenum steel handle
- Bodily heat-treated
- Welding



Size	capacity max(mm)	L mm	g	Code
9"	62	230	675	230
11"	62	270	840	270

MULTI-GRIP PLIERS

1651-0852

Wide Flat Jaw Multi-Grip Pliers

- Clamps lap joints allowing four consecutive spot welds without tool removal
- Spot welding, Auto-body repair work, Steel fabrication
- Jaw-CR-MO Steel, Body-iron with heat-treated



capacity max(mm)	L mm	g	Code
0-12	200	560	200

1652-0852

Double Hooked Jaw Multi-Grip Pliers

- Clamps two flanged lapped or adjacent joints
- Auto-body repair, Steel fabrication
- Jaw-CR-MO steel, Body-Iron with heat-treated



capacity max(mm)	L mm	g	Code
0-10	230	560	230

1653-0852

Double Curved Jaw Multi-Grip Pliers

- Clamps two flanged lapped or adjacent joints
- Auto-body repair, Steel fabrication
- Jaw-CR-MO steel, Body-Iron with heat-treated



capacity max(mm)	L mm	g	Code
0-10	215	515	215

1654-0852

Angled Jaw Multi-Grip Pliers

- Clamps lap joints allowing for consecutive spot welds without tool removal
- Spot welding, Auto-body repair work, Steel fabrication
- Jaw-CR-MO Steel, Body-iron with heat-treated



capacity max(mm)	L mm	g	Code
0-15	210	465	210

1655-0852

Straight Jaw Multi-Grip Pliers

- Push bottom release-Easy and efficient one-hand releasing
- Jaw-CR-MO Steel, Body-iron with heat-treated



capacity max(mm)	L mm	g	Code
0-18	195	450	195

