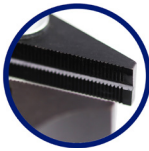


PARALLEL PLIERS

SIDE CUTTER PARALLEL PLIERS

- The combination plier reimagined. The flat nose parallel plier, featuring a high leverage side cutter.
- Designed for cutting hard wire up to 3.0 mm Ø and ISO standard piano wire up to 2.5 mm Ø.
- Multiplies hand force by up to 25x for less cutting effort.
- Precision-machined and hardened blades up to HRC 62-65.



Part Code	Description	Overall Length		Wire Cutting Capacity Ø mm		
		Inches	mm	Piano	Hard	Soft
4950-125	Side Cutter Parallel Plier For Hard Wire 125 mm	5	125	1.6	2.0	3.0
4950-140	Side Cutter Parallel Plier For Hard Wire 140 mm	5½	140	1.6	2.0	3.0
4950-160	Side Cutter Parallel Plier For Hard Wire 160 mm	6½	160	2.0	2.5	4.0
4950-200	Side Cutter Parallel Plier For Hard Wire 200 mm	8	200	2.5	3.0	6.0
4951-140	Side Cutter Parallel Plier For Hard Wire Return Spring 140 mm	5½	140	1.6	2.0	3.0
4951-160	Side Cutter Parallel Plier For Hard Wire Return Spring 160 mm	6½	160	2.0	2.5	4.0
4956-140	Side Cutter Parallel Plier Autoclave Safe 140 mm	5½	140	1.6	2.0	3.0
4956-160	Side Cutter Parallel Plier Autoclave Safe 160 mm	6½	160	2.0	2.5	4.0
4960-125	Side Cutter Parallel Plier For Hard Wire Comfort Grips 125 mm	5	125	1.6	2.0	3.0
4960-140	Side Cutter Parallel Plier For Hard Wire Comfort Grips 140 mm	5½	140	1.6	2.0	3.0
4960-160	Side Cutter Parallel Plier For Hard Wire Comfort Grips 160 mm	6½	160	2.0	2.5	4.0
4960-200	Side Cutter Parallel Plier For Hard Wire Comfort Grips 200 mm	8	200	2.5	3.0	6.0
4961-125	Side Cutter Parallel Plier For Hard Wire Return Spring Comfort Grips 125 mm	5	125	1.6	2.0	3.0
4961-160	Side Cutter Parallel Plier For Hard Wire Return Spring Comfort Grips 160 mm	6½	160	2.0	2.5	4.0
4961-200	Side Cutter Parallel Plier For Hard Wire Return Spring Comfort Grips 200 mm	8	200	2.5	3.0	6.0

FENCING PLIERS

- All the features of the flat nose parallel plier with serrated jaws, but with added side cutter.
- Designed for cutting hard wire up to 3.0 mm Ø and soft wire up to 6.0 mm Ø.
- Multiplies hand force by 25x for less cutting effort.
- Precision-machined and hardened blades to HRC 62-65.



Part Code	Description	Overall Length		Wire Cutting Capacity Ø mm		
		Inches	mm	Piano	Hard	Soft
4959-200	Fencing Plier 200 mm	8	200	2.5	3.0	6.0
4969-200	Fencing Plier Comfort Grips 200 mm	8	200	2.5	3.0	6.0

WIRE STANDARDS

*In accordance with ISO 5744

Type Of Wire	Example Materials	Tensile Strength
		N/mm²
Piano*	Hardened spring steel	2,200 - 2,300
Hard*	Spring wire, steel nails	1,600 - 1,800
Medium Hard*	Iron nails	750 - 800
Soft	Aluminium, copper, gold, silver	<250

PARALLEL PLIERS

FLAT NOSE PARALLEL PLIERS

- Jaws move in parallel throughout use for an even grip.
- Wire can be threaded down the throat of the plier and held firmly.
- Serrated jaws for a secure grip.



Part Code	Description	Overall Length		Jaw Width	Jaw Opening
		Inches	mm	mm	mm
4860-125	Flat Nose Parallel Plier 125 mm	5	125	6.4	10
4860-140	Flat Nose Parallel Plier 140 mm	5 ½	140	8.0	10
4860-160	Flat Nose Parallel Plier 160 mm	6 ½	160	9.0	14
4860-200	Flat Nose Parallel Plier 200 mm	8	200	12.5	17
4861-140	Flat Nose Parallel Plier Return Spring 140 mm	5 ½	140	8.0	10
4861-160	Flat Nose Parallel Plier Return Spring 160 mm	6 ½	160	9.0	14
4866-125	Flat Nose Parallel Plier Comfort Grips 125 mm	5	125	6.4	10
4866-140	Flat Nose Parallel Plier Comfort Grips 140 mm	5 ½	140	8.0	10
4866-160	Flat Nose Parallel Plier Comfort Grips 160 mm	6 ½	160	9.0	14
4866-200	Flat Nose Parallel Plier Comfort Grips 200 mm	8	200	12.5	17
4867-125	Flat Nose Parallel Plier Return Spring Comfort Grips 125 mm	5	125	6.4	10
4867-160	Flat Nose Parallel Plier Return Spring Comfort Grips 160 mm	6 ½	160	9	14
4867-200	Flat Nose Parallel Plier Return Spring Comfort Grips 200 mm	8	200	12.5	17



SMOOTH JAWS FLAT NOSE PARALLEL PLIERS

- Jaws move in parallel throughout use for an even grip.
- Wire can be threaded down the throat of the plier and held firmly.
- Smooth jaws to hold soft materials without marking.
- Optional v-slot for holding wire securely.



Part Code	Description	Overall Length		Jaw Width	Jaw Opening
		Inches	mm	mm	mm
4870-125	Smooth Jaws Flat Nose Parallel Plier 125 mm	5	125	6.4	10
4870-140	Smooth Jaws Flat Nose Parallel Plier 140 mm	5 ½	140	8.0	10
4870-160	Smooth Jaws Flat Nose Parallel Plier 160 mm	6 ½	160	9.0	14
4871-140	Smooth Jaws Flat Nose Parallel Plier Return Spring 140 mm	5 ½	140	8.0	10
4871-160	Smooth Jaws Flat Nose Parallel Plier Return Spring 160 mm	6 ½	160	9.0	14
4871-200	Smooth Jaws Flat Nose Parallel Plier Return Spring 200 mm	8	200	12.5	17
4875-125	Smooth Jaws With Vee Flat Nose Parallel Plier 125 mm	5	125	6.4	10
4875-140	Smooth Jaws With Vee Flat Nose Parallel Plier 140 mm	5 ½	140	8.0	10
4877-125	Smooth Jaws Flat Nose Parallel Plier Comfort Grips 125 mm	5	125	6.4	10
4877-140	Smooth Jaws Flat Nose Parallel Plier Comfort Grips 140 mm	5 ½	140	8.0	10
4877-160	Smooth Jaws Flat Nose Parallel Plier Comfort Grips 160 mm	6 ½	160	9.0	14
4877-200	Smooth Jaws Flat Nose Parallel Plier Comfort Grips 200 mm	8	200	12.5	17
4887-125	Smooth Jaws Flat Nose Parallel Plier Return Spring Comfort Grips 125 mm	5	125	6.4	10
4887-160	Smooth Jaws Flat Nose Parallel Plier Return Spring Comfort Grips 160 mm	6 ½	160	9	14
4887-200	Smooth Jaws Flat Nose Parallel Plier Return Spring Comfort Grips 200 mm	8	200	12.5	17



Optional
longitudinal v-slot



CUTTERS

DIAGONAL CUTTING PLIERS

- Compound-lever action multiplies hand force by up to 22x.
- Designed for cutting hard wire up to 2.5 mm Ø and ISO standard piano wire up to 2.0 mm Ø.
- Jaws induction-hardened to HRC 64, precisely shaped for durability and accuracy.
- Available in two sizes (140 mm, 160 mm), with the option of comfort grips.



Part Code	Description	Overall Length		Wire Cutting Capacity Ø mm		
		Inches	mm	Piano	Hard	Soft
2990-140	Diagonal Cutting Plier For Hard Wire 140 mm	5 ½	140	1.6	2.0	3.0
2990-140-B	Diagonal Cutting Plier For Sealing Wire 140 mm	5 ½	140	1.6	2.0	3.0
2990-160	Diagonal Cutting Plier For Hard Wire 160 mm	6 ½	160	2.0	2.5	4.0
2999-140	Diagonal Cutting Plier For Hard Wire Comfort Grips 140 mm	5 ½	140	1.6	2.0	3.0
2999-140-B	Diagonal Cutting Plier For Sealing Wire Comfort Grips 140 mm	5 ½	140	1.6	2.0	3.0
2999-160	Diagonal Cutting Plier For Hard Wire Comfort Grips 160 mm	6 ½	160	2.0	2.5	4.0

END CUTTING PLIERS

- Compound-lever action multiplies hand force by 14x.
- Designed for repetitive cutting close to objects and for cutting hard wire up to 2.0 mm Ø.
- Jaws induction-hardened to HRC 64, precisely shaped for durability and accuracy.
- Available with the option of comfort grips.



Part Code	Description	Overall Length		Cutting Capacity Ø mm	
		Inches	mm	Piano Wire	Hard Wire
3010-150	End Cutting Plier For Hard Wire 150 mm	6	150	1.6	2.0
3015-150	End Cutting Plier For Hard Wire Comfort Grips 150 mm	6	150	1.6	2.0

RATCHET CABLE CUTTER

- Cuts copper and aluminium cables up to 30 mm Ø and steel wire armoured (SWA) cable up to 20 mm Ø.
- Blade held in place by ratchet, making cutting easy, with release lever to free blade.
- Hinged blade allows a cut anywhere on the cable.
- Precision-ground blades, hardened and tempered to HRC 54 for durability.



Part Code	Description	Overall Length		Wire Cutting Capacity Ø mm	
		Inches	mm	SWA	Soft
3080-250	Ratchet Cable Cutter 250 mm	10	250	20	30

PUNCHES

WAD PUNCH SETS (HOLLOW PUNCH SETS)

- Works on a range of soft materials, including felt, rubber, leather, plastic and cork.
- Available in metric or Imperial sizes as a set comprising nine different sized punches and a spring-loaded centre punch & handle, all packed in a lightweight polypropylene storage box.
- Punches and handle can be purchased separately.
- Interchangeable punches easily screw onto handle for quick changes.
- Punches ground to a fine cutting edge, then hardened and tempered to HRC 45 for durability.
- Spring-loaded plunger accurately positions hole centres and ejects the slug.
- Centre punch case hardened to HRC 57.



Part Code	Description	Overall Length		Punch Ø	
		Inches	mm	Inches	mm
1000-05	Wad Punch Set With Centre Punch Metric 5 mm To 32 mm	~	~	~	5 - 32
1001-05	Wad Punch Set With Centre Punch Imperial 1/4" To 1"	~	~	1/4 - 1	~
1000-04	Wad Punch Centre Punch & Handle 150 mm	6	150	~	~
1000-005	Wad Punch 5 mm	1 1/8	27	~	5
1000-006	Wad Punch 6 mm Or 1/4"	1 1/8	27	1/4	6
1000-008	Wad Punch 8 mm Or 5/16"	1 1/8	27	5/16	8
1000-010	Wad Punch 10 mm Or 3/8"	1 1/8	27	3/8	10
1000-016	Wad Punch 16 mm Or 5/8"	1 1/8	27	5/8	16
1000-020	Wad Punch 20 mm	1 1/8	27	~	20
1000-025	Wad Punch 25 mm Or 1"	1 1/8	27	1	25
1000-032	Wad Punch 32 mm	1 1/8	27	~	32
1000-125	Wad Punch 12.5 mm Or 1/2"	1 1/8	27	1/2	12.5
1001-438	Wad Punch 7/16"	1 1/8	27	7/16	~
1001-750	Wad Punch 3/4"	1 1/8	27	3/4	~
1001-875	Wad Punch 7/8"	1 1/8	27	7/8	~

PAPER PUNCH DRILLS

- Use on paper, card, cloth, PVC, polythene and other soft materials, and drill through multiple sheets in one go (up to 8 mm deep).
- Lightweight plastic design fits the palm of the hand for comfortable use.
- Precision-ground cutting edges, with drills hardened and tempered to HRC 45 for durability.
- Available with 3 mm Ø, 4 mm Ø and 6 mm Ø drill bits, or in a set including all three.
- Packaged in a blister pack for point-of-sale display.
- Replacement drill bits available.



Part Code	Description	Overall Length		Punch Ø	
		Inches	mm	Inches	mm
1010-346	Paper Punch Drill Set 3 mm, 4 mm & 6 mm Drill Bits	4 1/4	110	~	3, 4, 6
1010-003	Paper Punch Drill 3 mm Drill Bit	4 1/4	110	~	3
1010-004	Paper Punch Drill 4 mm Drill Bit	4 1/4	110	~	4
1010-006	Paper Punch Drill 6 mm Drill Bit	4 1/4	110	~	6
1010-103	Replacement 3 mm Drill - Bag Of 10	1 3/8	27	~	3
1010-104	Replacement 4 mm Drill - Bag Of 10	1 3/8	27	~	4
1010-106	Replacement 6 mm Drill - Bag Of 10	1 3/8	27	~	6
1010-053	Replacement 3 mm Drill - Bag Of 5	1 3/8	27	~	3
1010-054	Replacement 4 mm Drill - Bag Of 5	1 3/8	27	~	4
1010-056	Replacement 6 mm Drill - Bag Of 5	1 3/8	27	~	6