



## HOMEOWNER'S FILE - FOR WOOD OR METAL

With Bi-Molded ERGO® Handle

Product Code	Length (Inch)	Teeth Per Inch (TPI)	Type of Cut	Type
4-152-08-2-2	8	41 + 36	Bastard Rasp & Double Second	Wood
4-153-08-1-2	8	25 + 41	Bastard Double & Single Second	Metal

### Features

- Wood file has both rasp and double cut
- Wood file is flat and parallel with two flat, uncut edges - one side bastard rasp cut and the other side double second cut.
- Metal file has both bastard double and single second cut
- Metal file is flat and parallel with two flat, uncut edges



4-152-08-2-2



## FARMER'S DOUBLE DUTY FILE

Handle has a hole for hanging.

Product Code	Length (Inch)	Width (Inch)	Height (Inch)	Teeth Per Inch (TPI)	Type of Cut
4-155-08-2-0	8	1	5/32	23	Second
4-155-10-2-0	10	1 1/16	7/32	18	Second

### Features

- File is both double and single cut.
- Double cut is for filing flat surfaces and for rough sharpening of edges on spades, hoes, etc.
- Single cut is for fine filing of flat surfaces and for fine sharpening of tools and implements.
- File has parallel edges with one being uncut - one side is double cut bastard and the other side is single cut bastard.



4-155-10-2-0



## SHARPENING FILES - TAPER SAW FILE

Sharpening File

Product Code	Length (Inch)	Width (Inch)	Height (Inch)	Teeth Per Inch (TPI)	Type of Cut
--------------	---------------	--------------	---------------	----------------------	-------------

With Bi-Molded ERGO® Handle

4-183-04-2-2	4	2 1/64	-	50	Second
4-183-05-2-2	5	1 3/32	-	46	Second
4-183-06-2-2	6	1 5/32	-	43	Second

Without handle

4-183-06-2-0	6	1 5/32	-	43	Second
4-183-07-2-0	7	1 1/2	-	41	Second
4-183-08-2-0	8	1 9/32	-	41	Second
4-183-10-2-0	10	2 1/32	-	38	Second

### Features

- Designed for sharpening saws with cross toothing and teeth at 60° angle.
- File is triangular with edges tapering towards the point with surface and edges single cut.



4-183-04-2-2



4-183-06-2-0

ergo



## SLIM TAPER FILE

### Sharpening File

Product Code	Length (Inch)	Width (Inch)	Height (Inch)	Teeth Per Inch (TPI)	Type of Cut
<b>With Bi-Molded ERGO® Handle</b>					
4-186-04-2-2	4	3/8	-	58	Second
4-186-05-2-2	5	3/16	-	54	Second
4-186-06-2-2	6	15/64	-	50	Second

### Without Handle

4-186-04-2-0	4	3/8	-	58	Second
4-186-05-2-0	5	3/16	-	54	Second
4-186-06-2-0	6	15/64	-	50	Second
4-186-07-2-0	7	17/64	-	46	Second
4-186-08-2-0	8	21/64	-	42	Second

### Features

- Used for sharpening of all types of saws with fine cross tooting.
- File is triangular with edges tapering towards the point with surface and edges single cut.



4-186-04-2-2



4-186-04-2-0

ergo



## EXTRA SLIM TAPER FILE

### Sharpening File

Product Code	Length (Inch)	Width (Inch)	Teeth Per Inch (TPI)	Type of Cut
<b>With Bi-Molded ERGO® Handle</b>				
4-187-06-2-2	6	3/16	54	Second

### Without Handle

4-187-04-2-0	4	3/8	64	Second
4-187-06-2-0	6	3/16	54	Second
4-187-07-2-0	7	15/64	50	Second
4-287-06-2-0	6	13/64	54	Second

### Features

- Used for sharpening of all types of saws with fine cross tooting.
- File is triangular with edges tapering towards the point. Surfaces are single cut on 4-187 and double cut on 4-287. Edges are single cut. Section figures indicate the largest width of the file section.



4-187-05-2-2



4-187-04-2-0



## DOUBLE EXTRA SLIM TAPER

### Sharpening File

Product Code	Length (Inch)	Width (Inch)	Teeth Per Inch (TPI)	Type of Cut
<b>Without Handle</b>				
4-188-05-2-0	5	11/64	58	Second
4-188-06-2-0	6	11/64	58	Second
4-288-06-2-0	6	11/64	58	Second

### Features

- Used for sharpening of all types of saws with fine cross tooting.
- Triangular, with edges tapering towards the point. Surfaces are single cut on 4-188 and double cut on 4-288. Edges are single cut. Width figures indicate the largest width of the file section.



4-188-05-2-0

FILES

TOOLS FOR THE TRADES



### DOUBLE EDGE SAW FILE - "WASA"

#### Sharpening Files

Product Code	Length (Inch)	Width (Inch)	Height (Inch)	Teeth Per Inch (TPI)	Type of Cut
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#### Without handle

4-272-06-3-0	6	5/8	5/32	58	Smooth
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#### Features

- For sharpening saws with straight, fine toothing. Note that saws with hardened tooth points cannot be sharpened with a file!
- Parallel, rhombic. Surfaces and edges single cut.



4-272-06-3-0



### HALF ROUND RASPS

#### Rasps

Product Code	Length (Inch)	Width (Inch)	Height (Inch)	Teeth Per Inch (TPI)	Type of Cut
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#### With Bi-Molded ERGO® Handle

6-342-08-1-2	8	5/64	5/16	64	Coarse
6-342-08-2-2	8	5/64	5/16	104	Medium

#### Without handle

6-342-08-1-0	8	5/64	5/16	64	Coarse
6-342-10-1-0	10	1/16	3/16	51	Coarse
6-342-12-1-0	12	1 1/16	3/8	38	Coarse

#### Features

- Designed for work in wood, plywood, wall board, plastics and other soft materials.
- File's edges and surfaces are tapered towards the point with surfaces rasp cut and edges single cut.



6-342-08-1-2



6-342-08-1-0

FILES

TOOLS FOR THE TRADES



### CABINET RASPS

#### Rasps

Product Code	Length (Inch)	Width (Inch)	Height (Inch)	Teeth Per Inch (TPI)	Type of Cut
--------------	---------------	--------------	---------------	----------------------	-------------

#### Without handle

6-343-08-3-0	8	7/8	7/32	142	Fine
6-343-10-3-0	10	1 1/16	15/64	117	Fine

#### Features

- Designed for work in wood, plywood, wall board, plastics and other soft materials.
- File is thin and half round edges and surfaces tapered towards the point. Surface is rasp cut and edges are single cut.



6-343-08-3-0

ergo



6-344-08-2-2

BAHCO

## HAND RASPS

### Rasps

Product Code	Length (Inch)	Width (Inch)	Height (Inch)	Teeth Per Inch (TPI)	Type of Cut
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### With Bi-Molded ERGO® Handle

6-344-08-2-2	8	2 <sup>5</sup> / <sub>32</sub>	1/4	104	Medium
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### Features

- Designed for work in wood, plywood, wall board, plastics and other soft materials.
- File's edges and surfaces are parallel with surface rasp cut and one edge single cut.

ergo



6-345-08-2-2

BAHCO

## ROUND RASP

### Rasps

Product Code	Length (Inch)	Diameter (Inch)	Height (Inch)	Teeth Per Inch (TPI)	Type of Cut
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### With Bi-Mold ERGO® Handle

6-345-08-2-2	8	5/32	2 <sup>3</sup> / <sub>64</sub>	104	Medium
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### Features

- Designed for work in wood, plywood, wall board, plastics and other soft materials.
- File surface is rasp cut.
- File is round and tapered towards the point.

ergo



FM10

BAHCO

## FILEMASTER

### Rasps

Product Code	Length (Inch)	Width (Inch)	Height (Inch)	Teeth Per Inch (TPI)
--------------	---------------	--------------	---------------	----------------------

### With Bi-Molded ERGO® Handle

FM10	10	2 <sup>9</sup> / <sub>32</sub>	7/32	9 + 13
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### Features

- Designed for shear cuts on steel, plastics, laminates and hard woods. Also good for finishing in most materials.
- Has curved teeth for fast removal of soft metals, lead, aluminum, soft woods and fillers.
- The edges are parallel and uncut, and the surface has milled teeth - one side shear cut and one side curved teeth.
- File coated with a protective layer of paint.

FILES

TOOLS FOR THE TRADES



## HALF ROUND FILEMASTER

### Rasps

Product Code	Length (Inch)	Width (Inch)	Height (Inch)	Teeth Per Inch (TPI)
--------------	---------------	--------------	---------------	----------------------

#### With Bi-Molded ERGO® Handle

HRFM10	10	2 <sup>9</sup> / <sub>32</sub>	1/8	12
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### Features

- Designed for filing concave and flat surface, and large holes.
- Has curved teeth for fast removal of soft metals, lead, aluminum, soft woods and fillers.
- Edges are tapered towards the point and are uncut. Half round surface are milled, curved teeth and concave back is uncut.
- File coated with a protective layer of paint.



HRFM10



## FILE CLEANER

### Accessories

Product Code	
9-467-00-0-0	

### Features

- In order to ensure a good filing result, files should periodically be cleaned during use.
- Has bristles on one side and a card of steel wire on the other.
- Use the brush to clear clogged teeth. Doing this regularly will improve the stock removal efficiency of the file, and extend its useful life.



9-467-00-0-0



## ROUND CHAIN SAW FILES

### Chain Saw Files

Product Code	Length	Diameter (Inch)
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Each file is packed in a skin-pack, which can be used as a protective sleeve.

168-6-3.2-1P	6	1/8
168-6-3.5-1P	6	9/64
168-8-4.0-1P	8	3/32
168-8-4.5-1P	8	11/64
168-8-4.8-1P	8	3/16
168-8-5.2-1P	8	13/64
168-8-5.5-1P	8	7/32
168-8-6.3-1P	8	1/4

Files are packed in 3 piece protective skin-pack, with perforation for easy separation.

168-8-4.0-3P	8	3/32
168-8-4.8-3P	8	3/16
168-8-5.5-3P	8	7/32

Files are packed in 6 per paper box.

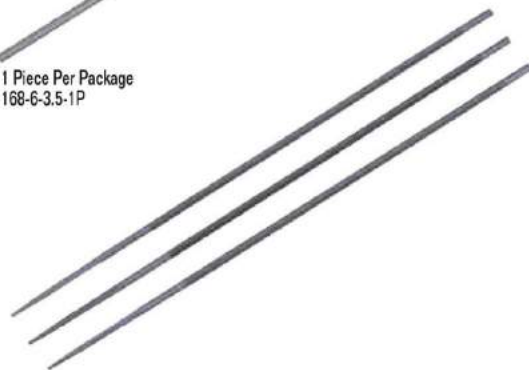
168-8-4.0-6	8	3/32
168-8-4.5-6	8	11/64
168-8-4.8-6	8	3/16
168-8-5.2-6	8	13/64
168-8-5.5-6	8	7/32

### Features

- For sharpening of the cutting tooth on the saw chain.



1 Piece Per Package  
168-6-3.5-1P



3 Pieces Per Package  
168-8-4.0-3P

FILES

TOOLS FOR THE TRADES



166-6-16-2.5-12



## FLAT CHAIN SAW FILE

### Chain Saw File

Product Code	Length (Inch)	Width (Inch)	Height (Inch)
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### With Bi-Mold ERGO® Handle

166-6-16-2.5-12	6	5/8	3/32
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### Features

- Designed for filing of depth gauges on saw chains and for sharpening of brush cutter blades.
- Files are packed 12 pieces per box.
- File is flat with single cut surface, edges are round and uncut.



## FILE HANDLES

### Bi-Molded ERGO® Handles

Product Code	Handle Number	Packaging
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### Designed for files of rectangular shape (flat, hand, etc) and for half round files.

9-485-04-1P	04	Individual
9-485-05-1P	05	Individual
9-485-06-1P	06	Individual
9-485-09-1P	09	Individual
9-485-13-1P	13	Individual
9-485-06-10	06	10-Pack
9-485-09-10	09	10-Pack
9-485-13-10	13	10-pack

### Designed for shaped files (round, square, three square, etc.)

9-486-3.2-1P	3.2	Individual
9-486-04-1P	04	Individual
9-486-05-1P	05	Individual
9-486-07-1P	07	Individual
9-486-04-10	04	10-Pack
9-486-05-10	05	10-Pack
9-486-08-10	08	10-Pack

### Features

- Ergonomically shaped bi-molded plastic handle provides soft, textured grip for comfort and control.
- The end covers the file tang and shoulder for safe and comfortable grip.



## PLASTIC FILE HANDLES

### Comfortable Grip

Product Code	Handle Number	Packaging
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### Files are packed in 6 per paper box.

9-484-3.2-1P	3.2	Individual
9-484-5.2-1P	5.2	Individual
9-484-3.2-10	3.2	10-Pack
9-484-5.2-10	5.2	10-Pack

### Features

- The end covers the file tang and shoulder for safe and comfortable grip.
- Plastic file handles designed for small sized files.



9-484



### ROUND CHAIN SAW FILE HANDLES

Product Code	Handle Number	Type	Packaging
9-486-C-10	C	ERGO	10 Pack
9-486-C-1P	C	ERGO	1 Individual
PH-6604-1P			1 Individual
PH-6604-25			25 Pack



#### Features

- Handle 9-486 is ergonomically shaped bi-molded plastic handle that provides soft, textured grip for comfort and control.
- Handle 9-486 can hold both round chain saw files (type 168) and flat chain saw file (type 166).
- Handle PH-6604 is an all plastic handle designed for 8 inch round chain saw files with 3 integrated angle guides.



9-486



PH-6604



### FILE HANDLE SELECTION GUIDE

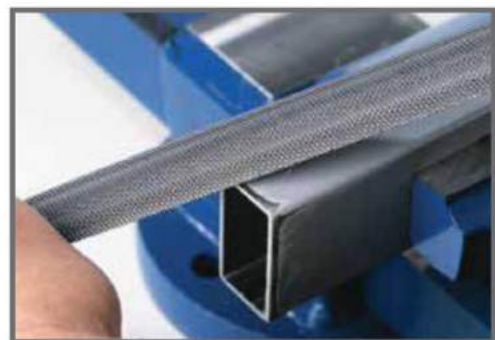
#### Engineering, Rasp and Milled Files

Product Code	4"	6"	8"	10"	12"
1-100	5.2	06	09	09	13
1-106			09	09	13
1-110		06	09	09	13
1-111		04			
1-143		04	05	09	13
1-210	5.2	06	09	09	13
6-342	5.2	06	09	09	13
6-343			08	09	
6-344			09	09	
1-160	3.2	04	05	05	08
1-170	3.2	04	05	05	
1-230	3.2	04	05	05	08
6-345			05	05	



#### Sharpening Files

Product Code	4"	5"	6"	7"	8"	10"	12"
166			04				
4-138			04		05	09	13
4-140					05	09	
4-152					09		
4-153					09		
4-272		06	04				
4-183	3.2	04	04	05	05		
4-186	3.2	3.2	04				
4-187		3.2	3.2				
4-188		3.2					



Yellow = Handle 9-484-XX-

Blue = Handle 9-485-XX-

Orange = Handle 9-486-XX-

Example: Matching handle for 1-143-10-2-0 is 9-485-09-1P

FILES

TOOLS FOR THE TRADES





## ROTARY BURRS

### Arch Pointed Nose

Product Code	Diameter Of Head	Length of Head	Toothings
HSSG-G0618M	1/4	1 1/16	Medium
HSSG-G1220M	1/2	3/4	Medium
HSSG-G1225EC	1/2	1	Extra Coarse
HSSG-G1225M	1/2	1	Medium
HSSG-F0618M	1/4	1 1/16	Medium
HSSG-F1225M	1/2	1	Medium

### Conical Pointed Nose

Product Code	Diameter Of Head	Length of Head	Toothings
HSSG-M0618M	1/4	1 1/16	Medium
HSSG-M1227M	1/2	1 1/16	Medium

### Cylindrical

Product Code	Diameter Of Head	Length of Head	Toothings
HSSG-A0616M	1/4	5/8	Medium
HSSG-A1020M	3/8	3/4	Medium
HSSG-A1225EC	1/2	1	Extra Coarse
HSSG-A1225M	1/2	1	Medium

### Cylindrical Round Nose

Product Code	Diameter Of Head	Length of Head	Toothings
HSSG-C0616M	1/4	5/8	Medium
HSSG-C1020M	3/8	3/4	Medium
HSSG-C1225EC	1/2	1	Extra Coarse
HSSG-C1225M	1/2	1	Medium

### Oval

Product Code	Diameter Of Head	Length of Head	Toothings
HSSG-E0614M	1/4	9/16	Medium
HSSG-E1222EC	1/2	7/8	Extra Coarse
HSSG-E1222M	1/2	7/8	Medium

### Spherical

Product Code	Diameter Of Head	Length of Head	Toothings
HSSG-D0608M	1/4	1/4	Medium
HSSG-D0807M	5/16	1/4	Medium
HSSG-D1009M	3/8	3/8	Medium
HSSG-D1211EC	1/2	7/16	Extra Coarse
HSSG-D1211M	1/2	7/16	Medium

### Features

- High Speed Steel burrs used for deburring soft steel, bronze, and brass.
- Used to deburr irregular objects and finishing work inside a confined space.
- Medium Toothings for machining unhardened steel and other moderately hard materials under normal conditions
- Extra Coarse Toothings for soft materials when good stock removal is required. Counteracts chip build-up between teeth.







## SCRAPERS

### ERGO® Carbide Blade Scrapers

Product Code	Length (Inch)	Blade Included:
625	11	# 449 Triangle Shaped Carbide Blade
650	12	# 442 - 2" Carbide Blade
665	12	# 451 - 2 1/2" Carbide Blade

#### Features

- Two-component handle provides better grip and comfort during use.
- Scrapers for use on all kinds of surfaces for removal of paint, glue, varnish, rust, gaskets, chalk, grout, mortar, etc.
- Four interchangeable carbide blades for precision work are available for different surface applications.
- 625 Scraper comes with convenient plastic holder.
- The heavy duty scraper head for models 650 and 665 is designed for wide material removal when extra strength is required.
- Scraper 665 comes with large plastic knob for two-handed operation for heavy duty use.
- Blades stays sharp up to 50 times longer than conventional steel blades.



625



650



665



## REPLACEMENT CARBIDE SCRAPER BLADES

### Carbide Blades

Product Code	Length (Inch)	Description
449		Triangle Shape, for 625 Scraper
625-DROP		Drop Shape, for 625 Scraper
625-PEAR		Pear Shape, For 625 Scraper
625-ROUND		Round Shape, For 625 Scraper
442	2	For 650 and 665 Scrapers
451	2 1/2	For 650 and 665 Scrapers
850-1	2	Wavy for 650 and 665 Scrapers
865-1	2 1/2	Wavy for 650 and 665 Scrapers

#### Features

- Blades stays sharp up to 50 times longer than conventional steel blades.



449

625-DROP

625-PEAR

625-ROUND



442

SCRAPERS

TOOLS FOR THE TRADES



## GASKET SCRAPER

### Plastic Handle

Product Code	Blade Length (Inch)	Overall Length	Blade Width
GSC-12	8 7/8	13	1 1/2

#### Features

- Designed for removing gaskets and carbon.
- Comfortable four-sided yellow plastic handle.
- Blade coated to resist corrosion.



GSC-12



## GASKET SCRAPER

### Bi-Mold Comfort Grip Handle

Product Code	Blade Length (Inch)	Overall Length	Blade Width
40000	6	9 3/4	7/8

#### Features

- Bi-mold handle provides comfortable grip, reducing hand fatigue.
- Ideal for gasket removal and cleaning rust and corrosion.



40000





474



425-083



434-25



434-S6-EUR



434-S3-EUR



## CABINET SCRAPERS

### For Carpentry Work

Product Code	Length (Inch)
474-125-0.60	5
474-125-0.80	5
474-150-0.80	6

### Features

- Blade of cold-rolled, hardened and tempered chrome-nickel steel.
- White plastic edge protector.



## WOOD CHISELS

### High-Quality Steel

Product Code	Overall Length (Inch)	Blade Length (Inch)	Tip Width (Inch)
425-6	10 3/4	5 1/2	1/4
425-10	10 3/4	5 1/2	3/8
425-12	10 3/4	5 1/2	1/2
425-18	10 3/4	5 1/2	3/4
425-25	10 3/4	5 1/2	1
425-32	10 3/4	5 1/2	1 1/8
425-38	10 3/4	5 1/2	1 1/2

### Set Includes:

Product Code	Description
425-083	Chisels: 1/4, 3/8, 1/2, 3/4, 1, 1 1/4 in a Wooden Box

### Features

- Chisels feature high-quality tool steel with tapered neck.
- Hardened over a portion of the length, starting from the cutting edge, and coated with a transparent lacquer for rust protection.
- Chisels have a full bevel pattern, which means the sides of the blades have been beveled down to approximately half the blade thickness.
- Handle of red-beech wood, which nickel-plated steel ferrule to prevent it from splitting when struck. Can normally withstand force from club or hammer blows, not including steel hammers.



## ERGO® CHISELS

### High-Quality Steel

Product Code	Overall Length (Inch)	Blade Length (Inch)	Tip Width (Inch)
434-6	10 3/4	5 1/2	1/4
434-10	10 3/4	5 1/2	3/8
434-12	10 3/4	5 1/2	1/2
434-18	10 3/4	5 1/2	3/4
434-25	10 3/4	5 1/2	1
434-28	10 3/4	5 1/2	1 1/8
434-38	10 3/4	5 1/2	1 1/2

### Set Includes:

Product Code	Description
434-S3-EUR	Chisels: 1/2, 3/4, 1 in a cardboard box
434-S6-EUR	Chisels: 1/4, 3/8, 1/2, 3/4, 1, 1 1/4 in a Wooden Box

### Features

- Two component ergonomic grip handle
- Splitproof handle allows repeated hammer blows
- Safety guard and rounded shoulders for added security
- Precision ground blade for maximum sharpness
- Hardened and tempered for long lasting performance
- Honed and ready to use
- Polished blade for rust resistance
- Protective holster included



## AVIATION SNIPS

### Bi-Mold Comfort Grip Handles

Product Code	Cutting Direction	Overall Length (Inches)	Cut Length (Inches)	Cutting Capacity (cold-rolled/stainless)
28201	Left	9 3/4	1 3/8	18 ga. CR / 22 ga. SS
28203	Right	9 3/4	1 3/8	18 ga. CR / 22 ga. SS
28205	Straight	9 13/16	1 1/2	18 ga. CR / 22 ga. SS

### 28251 3 Piece Aviation Snips Set in Pouch

#### Contents Include:

Product Code	Description	Product Code	Description
28201	Left-cut snips	28205	Straight-cut snips
28203	Right-cut snips		

#### Features

- Color-coded handles help quickly identify the cutting direction.
- Bi-mold handles provide comfortable grip, reduces hand fatigue.
- Meet ANSI and DIN standards.



## OFFSET AVIATION SNIPS

### Bi-Mold Comfort Grip Handles

Product Code	Cutting Direction	Overall Length (Inches)	Cut Length (Inches)	Cutting Capacity (Cold-Rolled/Stainless)
28231	Left and Straight	9 1/4	1 3/16	18 ga. CR / 22 ga. SS
28233	Right and Straight	9 1/4	1 3/16	18 ga. CR / 22 ga. SS

### 28253 2 Piece Offset Aviation Snips Set in Pouch

#### Contents Include:

Product Code	Description	Product Code	Description
28231	Left and Straight Cut	28233	Right and Straight Cut

#### Features

- Color-coded handles help quickly identify the cutting direction.
- Bi-mold handles provide comfortable grip, reduces hand fatigue.
- Meet ANSI and DIN standards.
- Offset blades keeps user's hands above the work for safety and flow material away from blades for speed.



## SPECIALTY AVIATION SNIPS

### Bi-Mold Comfort Grip Handles

Product Code	Style	Overall Length (Inches)	Cut Length (Inches)	Cutting Capacity (Cold-Rolled/Stainless)
28211	Bulldog - Notch	9	1	16 ga. CR / 18 ga. SS
28221	Long Cut - Straight	11 3/8	3	20 ga. CR / 26 ga. SS

### 28255 2 Piece Specialty Aviation Snips Set in Pouch

28255 2 Piece Specialty Snips Set. Includes one each Bulldog and Long Cut snips above.

#### Contents Include:

Product Code	Description	Product Code	Description
28211	Bulldog - Notch	28221	Long Cut - Straight

#### Features

- Bulldog snips notches and cuts rolled edges, seams, and thick sheet metal up to 16 gauge cold-rolled steel.
- Color-coded handles help quickly identify the cutting direction.
- Bi-mold handles provide comfortable grip, reduces hand fatigue.
- Meet ANSI and DIN standards.





28307



2744



1520G



4559



## STRAIGHT PATTERN TIN SNIPS

### Double-Dipped Plastic Handles

Product Code	Overall Length (Inches)	Cutting Length (Inches)	Cutting Capacity (Cold-Rolled/Stainless)
28301	7	1 5/16	24 ga. CR / 32 ga. SS
28305	10	2	22 ga. CR / 28 ga. SS
28307	12	2 3/4	20 ga. CR / 24 ga. SS
28309	14	3	18 ga. CR / 22 ga. SS

### 28351 2 Piece Straight Pattern Tin Snips Set in Pouch

#### Contents Include:

Product Code	Description	Product Code	Description
28301	7" Tin Snips	28307	12" Tin Snips

#### Features

- Forged steel blades.
- Double-dipped handles provide comfortable grip, reducing hand fatigue.
- Cut straight lines and wide curves.
- Meet ANSI and DIN standards.



## MULTI-PURPOSE SNIPS

### Bi-Mold Comfort Grip Handles

Product Code	Overall Length (Inches)
2744	7 1/2

#### Features

- Lightweight yet strong multi-purpose snip for cutting light sheet metal, leather, wire, plastic, wood, etc.



## MINI BOLT CUTTER

### Bi-Mold Comfort Grip Handles

Product Code	Overall Length (Inches)
1520G	8

#### Features

- Access tough to reach work.
- Bi-mold comfort grips combine durability and a secure non-slip grip.
- Cuts nails and bolts up to 1/4 diameter.



## BOLT CUTTERS

### Comfort Grip Handles

Product Code	Overall Length	Maximum Cutting Capacity For Rebar (Inch)	Replacement Jaw Kit (Includes Jaws, Bolts, and Steel Plates)
4559-12	12	1/4	4559-12B JC
4559-18	18	5/16	4559-18B JC
4559-24	24	3/8	4559-24B JC
4559-30	30	1/2	4559-30B JC
4559-36	36	5/8	4559-36B JC
4559-42	42	3/4	4559-42B JC

#### Features

- Comfortable rubber grips combine durability and a secure non-slip grip.
- Lightweight steel tube handles provide ease of control while offering solid durability.
- Unique manufacturing method results in high-precision cutting edges.