# Clever solutions for cutting work.

# Tin Snips and Shears to Cut Sheet Metal with Precision

(April 2024)

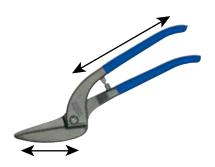




# Lexicon

#### 1. Types

### Standard tin snips



In standard tin snips, edges and handle are traditionally forged into one unit. The force required for cutting is determined by the ratio of edge length to the handle length.

#### 2. Models

## Shape and straight cutting snips





Shape and straight cutting snips are real "all-rounders". They can cut through a metal sheet (straight-cut) as well as cut large and small contours or radii (outlinecut). In this case, it does not matter whether you are cutting at the edge (edge cut) or at the centre of a sheet. You can naturally use shape and straight cutting snips for notching-operations.

# 3. Right cutting or left cutting snips. What is the difference?



Left cutting snips

Right cutting snips

Right cutting snips are sharpened and designed so that they can cut right radii (i. e. a curve from **left to right**) easily. Left cutting snips are the best for radius cuts **from right to left**.

The common perception is that, right cutting snips are for right-handers, and left cutting snips for left-handers. This is not true. In fact, it is the other way round. If you, a right-hander, are cutting a radius (see above, from left to right), using right cutting snips, you have to cut outwards from your wrist. With left cutting snips, (radius is then from right to left) you can cut inwards from your wrist. This is considerably more ergonomic. Try it out once!

# **Compound leverage snips**



Compound leverage snips comprise a cutter head and a handle. The compound action produces additional leverage.

### **Shape cutting snips**





Shape cutting snips are best suited when you want fine and narrow radius cuts near the edges of a metal sheet. You can use the delicately shaped edge of these snips to cut extremely narrow shapes or curves without any problem.

# Straight cutting snips



Do you wish to cut a metal sheet at the centre and/or near the edges? Then the perfect tool for you is the straight cutting snips. You can use long edges of this tool to cross-cut and notch large metal sheets quickly and precisely with less effort.

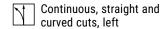
# Lexicon

#### 4. Grades

The service life of edges depends directly on the grades of steel used and processing. High-performance snips with case-hardened HSS-edges particularly fulfill the most stringent requirements regarding the service life and consistent cutting performance. Cutter heads of the HSS-TiN grade are additionally coated with extremely hard titanium nitride that reduces wear and tear. Other cutting materials, namely special high quality steel, high quality steel and standard quality steel, are available depending on the application and the frequency of use.

Quality of steel	min. hardness Rockwell C	Durability
HSS-TiN	65	+++++
HSS	65	++++
Special high quality	61	+++
High quality steel	59	++
Standard quality steel	56	+

I	1/	Continuous, curved cuts,	straight	and
	$\Box I$	curved cuts,	right	



Short, straight and narrow curved cuts, right

Short, straight and narrow curved cuts, left

Straight and curved cuts with a large radius in both left and right directions

Continuous, straight cuts

Short, straight cuts, notch

Circular cuts

L = Left cut design (refer to page 2 as well)

SB = On carded hang pack

Standard tin snips with a rocker spring, available on request for an extra charge.

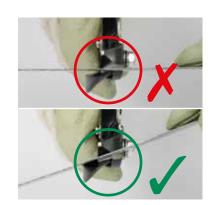
# The high quality of the steel at the cutting edge leads to a much longer service life of the snips.

(	Quality of steel	For maximum	sheet thicknes	s at the tensile	strength of:
ı	Normal metal snips	400 N/mm²	600 N/mm²	800 N/mm <sup>2</sup>	1100 N/mm²
	<b>HSS</b> D407; D416; D418;	1.2 mm	1.0 mm	0.8 mm	0.6 mm
	High quality steel D202; D206; D207; D208; D214; D216; D218;	1.2 mm	1.0 mm	0.8 mm	
	Standard quality steel D102; D106; D107; D114; D116; D118; D146; D159; D70D77; D122N; D122A	1.2 mm	1.0 mm	0.8 mm	

Quality of steel	For maximum	sheet thicknes	s at the tensile	strength of:
Hand snips with leverage	400 N/mm <sup>2</sup>	600 N/mm <sup>2</sup>	800 N/mm²	1100 N/mm²
HSS-TiN D27AH-TiN*	1.5 mm	1.2 mm	1.0 mm	0.8 mm
HSS D27AH*	1.5 mm	1.2 mm	1.0 mm	0.8 mm
Special high quality steel D17ASS D29SS*; D29ASS*; D29BSS*; D39ASS* D15A	2.0 mm 1.5 mm 1.2 mm	1.5 mm 1.2 mm 1.0 mm	1.2 mm 1.0 mm 0.8 mm	
High quality steel D08; D16; D17A; D22A D27*; D27A*; D27B*	1.5 mm	1.2 mm	1.0 mm	

<sup>\*</sup> Snips can be stressed for up to 3 x 0.6 mm (1.8 mm) for a short period of time for cutting the seams.

**Caution!** Manual sheet metal snips may only be used to cut thin sheets of soft metals and steel. They are not suitable for cutting through round or rectangular section metal shapes such as wires for example.







# Low-fatigue continuous cutting





#### **Frictionless robust**

The shape and straight cutting snips D39ASS are particularly smooth running and extremely wear-resistant:

due to sintered steel insert in the joint area due to permanent threaded connection of the joint area with stable stud bolt

due to stainless steel panel over the joint for protecting the spring beneath





They enable high-precision cutting of curves in the tightest of radii and, with less risk of scratching the surface:

due to extremely compact cutter head with partially sunken threaded head connection



# **Effort-saving**

It is possible to use the complete cutting length with every cut:

due to a significantly reduced handle opening angle



Right and left-handed users can lock and unlock the snips with ease, without a change in grip:

due to central positioning of the latch on the top handle

## Shape and straight cutting snips D39ASS





Order number	Ove len	rall gth		ade gth	max.	۵	Weight	PU	
	mm	"	mm	ıı .	mm		kg	qty.	V4
D39ASS	230	9	30	1 3/16	1.2	+++	0.49	5	
D39ASSL	230	9	30	1 3/16	1.2	+++	0.49	5	
D39ASS-SB	230	9	30	1 3/16	1.2	+++	0.50	5	
D39ASSL-SB	230	9	30	1 3/16	1.2	+++	0.50	5	

▶ YouTube

- a partially countersunk head screw connection for increased manoeuvrability and precision for curved cuts Joint area screwed connection with stud
  - bolt, sintered disc and maintenancefree spring for extreme robustness

■ For continuous, straight and curved cuts Extremely compact cutter head with

- Reduced handle opening angle for optimised handling and an even cutting length
- Central latch for easy operation without having to change your grip
- Available in right or left cutting versions









# **Cutting with less effort**

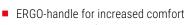


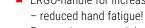




## Shape and straight cutting snips D29ASS-2







- For continuous, straight and curved cuts
- Compact cutter head: High manoeuvrability for shape cutting
- Optimised leverage ratio: 25 % less effort
- Optimised edge shape: No slipping even without serrations
- Available in right or left cutting versions





#### Order Overall Blade Weight PU number length length 1 5/16 D29ASS-2 260 10 1/4 +++ 0.51 1 <sup>5</sup>/<sub>16</sub> D29ASSL-2 33 D29ASS-2-SB 260 10 1/4 33 1 5/16 1.2 D29ASSL-2-SB 260 10 1/4 33 1.2 0.51 5 Order Weight PU number 1 x D29ASS-2, 1 x D29ASSL-2 and DSET29-15 1.29 1 x D15A in snips pouch

# Shape cutting snips D29SS-2





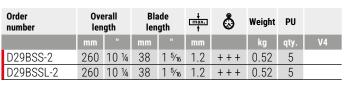


Order number		erall gth	Bla len	ide gth	max.	٥	Weight	PU	
	mm	"	mm	"	mm		kg	qty.	V4
D29SS-2	260	10 1/4	40	1 %16	1.2	+++	0.49	5	
D29SSL-2	260	10 1/4	40	1 %	1.2	+++	0.49	5	

- ERGO-handle for increased comfort - reduced hand fatigue!
- For short, straight and curved cuts
- Edges with micro-serrations for slip-proof working
- Available in right or left cutting versions







- ERGO-handle for increased comfort - reduced hand fatigue!
- For continuous, straight cuts
- Edges with micro-serrrations for slip-proof working
- Available in right or left cutting versions





# **Cutting with less effort**







# Shape and straight cutting snips D27A



0.57 5

Order number		erall igth		ade gth	max.	۵	Weight	PU	
	mm	"	mm	ıı I	mm		kg	qty.	V4
D27A	260	10 1/4	33	1 5/16	1.2	++	0.56	5	
D27AL	260	10 1/4	33	1 5/16	1.2	++	0.56	5	
D27A-SB	260	10 1/4	33	1 5/16	12	++	0.57	5	

260 10 1/4 33 1 5/16 1.2 ++

- For continuous, straight and curved cuts
- Edges with micro-serrations for slip-proof working
- Available in right or left cutting versions



# **Shape cutting snips D27**

D27AL-SB





- Order Overall Blade Weight PU number length D27 260 10 1/4 40 1 9/16 1.2 +++ 0.49 D27L 260 10 1/4 40 1 1/16 1.2
- For short, straight and curved cuts
- Edges with micro-serrations for slip-proof working
- Available in right or left cutting versions





Order number		erall gth	Bla len		max.	۵	Weight	PU	
	mm	"	mm	"	mm		kg	qty.	V4
D27B	260	10 1/4	32	1 5/16	1.2	++	0.56	5	
D27BL	260	10 1/4	32	1 5/16	1.2	++	0.56	5	

- For continuous, straight cuts
- Edges with micro-serrations for slip-proof working
- Available in right or left cutting versions











# Shape and straight cutting snips, robust D17ASS



Order number	Ove len	erall gth		ide gth	max.	٥	Weight	PU	
	mm	"	mm	"	mm		kg	qty.	V4
D17ASS	240	9 ½	24	1	1.5	+++	0.55	5	
D17ASSL	240	9 ½	24	1	1.5	+++	0.55	5	
D17A	240	9 ½	24	1	1.2	++	0.55	5	
D217AL	240	9 ½	24	1	1.2	++	0.55	5	

- For continuous, straight and curved cuts
- Edges with micro-serrations for slip-proof working
- Exceptionally robust: Drop-forged handles
- Painted handles
- Available in right or left cutting versions



# Shape and straight cutting snips, manoeuvrable D08





- Special flat cutter head enables cutting in narrowest radius
- For continuous, straight and curved cuts
- Edges with micro-serrations for slip-proof working
- Available in right or left cutting versions





	_	•							
Order number		rall gth	Bla len		max.	۵	Weight	PU	
	mm	"	mm	"	mm		kg	qty.	V4
D22A	280	11	64	2 ½	1.2	++	0.43	5	
D22A-SB	280	11	64	2 ½	1.2	++	0.45	5	

- For long continuous straight and large radius cuts
- Extra long cutting blades, laterally displaced for continous cuts
- Available only in left cutting version



Sheet thickness (600 N/mm²)



Product life expectancy

# The universal No.16 range







#### **Aviation snips D16**



Order number		erall gth		ade gth	max.	۵	Weight	PU	
	mm	"	mm	"	mm		kg	qty.	V4
D16	240	9 ½	40	1 %16	1.2	++	0.38	10	
D16-SB	240	9 ½	40	1 %16	1.2	++	0.39	10	

- For short, straight and curved cuts
- Edges with micro-serrations for slip-proof working
- Left cut model available as well

# **Aviation snips D16L**





- For short, straight and curved cuts
- Edges with micro-serrations for slip-proof working
- Right cut model available as well

## **Aviation snips D16S**





Order number	Ove len			ade gth	max.	۵	Weight	PU	
	mm	"	mm	"	mm		kg	qty.	
D16S	240	9 ½	44	1 3/4	1.2	++	0.38	10	
D16S-SB	240	9 ½	44	1 3/4	1.2	++	0.39	10	
Order									
number			La	yout			Weight	PU	
number	_		La	yout			Weight kg	PU qty.	

- No offset to blades, for short, straight and curved cuts with a large radius in both left and right directions
- Edges with micro-serrations for slip-proof working
- Available only in left cutting version



Sheet thickness (600 N/mm²)

Proc

expectancy

# Your versatile partner











### Your benefits at a glance:

#### **Extremely compact cutting head**

The design of the uniquely compact design head offers one tremendous manoeuvrability, the ability to cut the narrowest radii and the ability to reach some of the most difficult to access spots.

### Practicable combination of bar and arrester

A practical locking mechanism allows one to open and close with one hand and limits the maximum opening of the snip.

## 3 Compound leverage

Compound leverage considerably reduces the effort required. Improving productivity while reducing hand fatigue for the worker.

# **Ergonomic handle**

The plastic grips on the ergonomically designed handles have soft cushion inserts that further reduce hand fatigue for the worker. The soft cushion inserts also keep the hand from slipping on the grips.





### Shape and straight cutting snips, small and manoeuvrable D15A

Order number	Ove len		Bla len	ade gth	max.	٥	Weight	PU	
	mm		mm	"	mm		kg	qty.	V4
D15A	180	7	20	13/16	1.0	+++	0.18	10	
D15AL	180	7	20	13/16	1.0	+++	0.18	10	
D15A-SB	180	7	20	13/16	1.0	+++	0.18	10	
D15AL-SB	180	7	20	13/16	1.0	+++	0.18	10	
Order number			La	Weight	PU				
							kg	qty.	
DSET15			15A, 1  5AL ii				0.61	20	



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- For long continuous, straight and curved cuts
- The extremely small forged heads have optimized blade geometry is very manoeu-vrable; perfect for cutting small radii and in confined spaces
- The compact design results in the highest performance with the minimum of effort
- ERGO-handle for increased comfort reduced hand fatigue!
- Available in right or left cutting versions





# Longer lasting and great performance









### Your benefits at a glance:

#### Longer service life

Tempered drop-forged cutting heads have hardened HSS inserts for a much longer service life and performance than conventional snips. Even when cutting the harder metals like stainless steel.

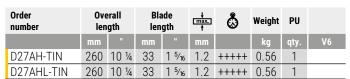
#### **Compound leverage**

Compound leverage considerably reduces the effort required. Improving productivity while reducing hand fatigue for the worker.

# Ergonomic handle

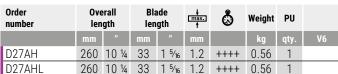
The plastic grips on the ergonomically designed handles have soft cushion inserts that further reduce hand fatigue for the worker. The soft cushion inserts also keep the hand from slipping on the grips.





- TiN coated cutter head for longer service life even in case of hard materials
- Case-hardened HSS edges
- For continuous, straight and curved cuts
- Available in right or left cutting versions

# HSS shape and straight cutting snips D27AH



- For continuous, straight and curved cuts
- Edges made of case-hardened HSS
- Available in right or left cutting versions







Order

number

D407-275

D407-275L

D407-300

D407-300L





## **HSS punch snips D407**

Overall

length

275 11

12

275 11

300 12

300

Blade

length

42 1 5/8

43 1 11/16

43

1 5/8

1 11/16

1.0

1.0

1.0

1.0

++++

0.53

0.60

0.60



Weight	PU	
kg	qty.	V6
0.53	1	

- For short, straight and curved cuts
- Edges made of case-hardened HSS
- PVC dipped handles
- Available in right or left cutting versions



# HSS shape and straight cutting snips D416







- For continuous, straight and curved cuts
- Cutting edges made of case-hardened HSS
- PVC dipped handles
- Available in right or left cutting versions



## **HSS pelican snips HSS D418**



Order number	Ove len		Blade length		max.	٥	Weight	PU	
	mm		mm	"	mm		kg	qty.	V6
D418-300	300	12	62	2 7/16	1.0	++++	0.71	1	
D418-350	350	14	65	2 %16	1.0	++++	0.80	1	

- For long continuous and straight cuts
- Cutting edges made of case-hardened HSS
- PVC dipped handles
- Available only in right cutting version



Sheet thickness (600 N/mm²)



Product life expectancy

# Our traditional snips for a reliable cut







## Your benefits at a glance:

# 1 Forged cutter head and handle

Cutter head and handle are drop-forged as a single unit. This is what makes them so robust and reliable.

# 2 Induction hardened cutting edges

Extra hard cutting edges guarantee more increased durability and optimal cutting results.

# 3 Bolted joint

All conventional metal snips can be disassembled for easy sharpening, thus extending their service life!









Order number	• • • • • • • • • • • • • • • • • • • •	erall igth		ade igth	max.	۵	Weight	PU	
	mm	"	mm	"	mm		kg	qty.	V5
D216-260	260	10 1/4	30	1 3/16	1.0	++	0.49	5	
D216-260L	260	10 1/4	30	1 3/16	1.0	++	0.49	5	
D216-280	280	11	34	1 %	1.0	++	0.58	5	
D216-280L	280	11	34	1 %	1.0	++	0.58	5	
D116-260	260	10 1/4	30	1 3/16	1.0	+	0.49	5	
D116-260L	260	10 1/4	30	1 3/16	1.0	+	0.49	5	
D116-260-SB	260	10 1/4	30	1 3/16	1.0	+	0.49	5	
D116-260L-SB	260	10 1/4	30	1 3/16	1.0	+	0.49	5	
D116-280	280	11	34	1 %	1.0	+	0.56	5	
D116-280L	280	11	34	1 %	1.0	+	0.56	5	
D116-280-SB	280	11	34	1 %	1.0	+	0.59	5	
D116-280L-SB	280	11	34	1 %	1.0	+	0.59	5	
Order number			La	yout			Weight	PU	
							kg	qty.	V5
DSET-SF3		1 x D216-280, 1 x D216-280L and 1 x D218-300 in snips pouch						1	

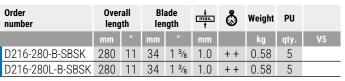
- For continuous, straight and curved cuts
- D216 Painted handles
- D116 PVC dipped handles
- Available in right or left cutting versions







# Shape and straight cutting snips, without opening stop D216-B-SBSK



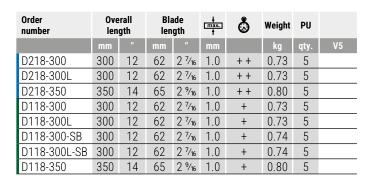


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- For continuous, straight and curved cuts
- With no opening stop and with extra pointed cutter head
- Edges with micro-serrations for slip-proof working
- Particularly robust, for unusually challenging situations: Snips completely tempered and burnished. Cutter inductively hardened
- PVC dipped handles
- Available in right or left cutting versions

# Pelican snips D218/D118





- For long continuous and straight cuts
- Extra long blade is ideal for cutting through metal sheets
- D218 Painted handles
- D118 PVC dipped handles
- Available as right cutter (in 300 mm dimension also available as left cutter)



Sheet thickness (600 N/mm²)



Product life expectancy

# Our traditional snips for a reliable cut





# Shape cutting punch snips D214/D114





- For short, straight and curved cuts (especially small radii)
- Very slick cutting head
- D214 Painted handles
- D114 PVC dipped handles
- Available in right or left cutting versions

# Punch snips D207/D107







Order number	Ove len			ade igth	max.	٥	Weight	PU	
	mm		mm	"	mm		kg	qty.	V5
D207-250	250	10	42	1 %	1.0	++	0.49	5	
D207-250L	250	10	42	1 %	1.0	++	0.49	5	
D207-275	275	11	42	1 %	1.0	++	0.53	5	
D207-275L	275	11	42	1 %	1.0	++	0.53	5	
D207-300	300	12	47	1 1/8	1.0	++	0.58	5	
D207-300L	300	12	47	1 1/8	1.0	++	0.58	5	
D107-250	250	10	42	1 %	1.0	+	0.49	5	
D107-250L	250	10	42	1 %	1.0	+	0.49	5	
D107-250-SB	250	10	42	1 %	1.0	+	0.50	5	
D107-250L-SB	250	10	42	1 %	1.0	+	0.50	5	
D107-275	275	11	42	1 %	1.0	+	0.55	5	
D107-275L	275	11	42	1 %	1.0	+	0.55	5	
D107-300	300	12	47	1 1/8	1.0	+	0.60	5	
D107-300L	300	12	47	1 1/8	1.0	+	0.60	5	

- For short, straight and curved cuts
- D207 Painted handles
- D107 PVC dipped handles
- Available in right or left cutting versions









# Punch snips with curved blades D208



Order number		erall gth	Blade length		max.	۵	Weight	PU	
	mm	"	mm	"	mm		kg	qty.	V5
D208-275	275	11	40	1 %16	1.0	++	0.51	5	
D208-275L	275	11	40	1 %16	1.0	++	0.51	5	

- Especially for circular cuts
- Semi-circular edges
- Painted handles
- Available in right or left cutting versions

# **Universal snips D106**



Order number	Ove len			ade gth	max.	٥	Weight	PU	
	mm		mm	"	mm		kg	qty.	V5
D106-250-SB	250	10	68	2 11/16	1.0	+	0 44	5	

- For straight and curved cuts
- PVC dipped handles
- Available only in right cutting version

# Universal snips with wide blade D106A



Order number	Overall length		Blade length		max.	۵	Weight	PU	
	mm	"	mm	"	mm		kg	qty.	V5
D106A-250-SB	250	10	68	2 5/8	1.0	+	0.46	5	

- For straight and curved cuts (large radii)
- PVC dipped handles
- Available only in right cutting version



Sheet thickness (600 N/mm²)



Product life expectancy

# Our traditional snips for a reliable cut







### Berlin pattern snips D202/D102





- Overall Blade Weight PU number length length D202-250 250 10 60 2 3/8 1.0 0.47 5 D202-300 300 79 3 0.70 5 12 1.0 D102-250 250 2 3/8 1.0 0.48 5 10 60 1.0 D102-250-SB 250 10 2 3/8 0.49 5 60 D102-300 300 12 79 3 0.72 5 1.0
- For straight cuts
- D202 Painted handles
- D102 PVC dipped handles
- Available only in right cutting version

# American pattern snips D146

250 10

300 12

350 14

D146-300

D146-350



6

6

6

0.67

0.75



68 2 11/16 1.0

2 13/16

1.0

+

54 2 1/3



Available only in left cutting version

PVC dipped handles



# One-handed cutting of strong steel straps





# Safety strap cutter with compound leverage D123S



Order number	Ove len	erall gth		Blade length		PU	
	mm	II II	mm	"	kg	qty.	V5
D123S	260	10 1/4	38	1 1/2	0.55	5	
D123S-SB	260	10 1/4	38	1 1/2	0.56	5	



- One-handed operation with little effort thanks to double leverage
- Metal fastening will not spring up dangerously due to safety hold mechanism in the snip
- Flat lower jaw easily slips under taut banding
- Can even be used with hardened steel belts (560 N/mm²) with belt widths up to 32 mm, belt thicknesses up to 1 mm
- Induction hardened cutting edge for a long service life
- ERGO-handle for increased comfort reduced hand fatigue!

# Steel strap cutter D122N



Order number		erall igth		Blade length		PU	
	mm	"	mm	"	kg	qty.	V5
D122N	225	9	31	1 1/4	0.40	5	

- The lower holder prevents band ends from springing up
- For band width up to 25 mm, band thickness up to 0.6 mm
- Flat lower jaw easily slips under taut banding
- Painted handles

# Steel strap cutter D122A



Order number		erall gth		ide gth	Weight	PU	
	mm	"	mm	"	kg	qty.	V5
D122A	260	10 1/4	30	1 3/16	0.42	5	
D122A-SB	260	10 1/4	30	1 3/16	0.43	5	

- Flat lower jaw easily slips under taut banding
- High price to performance ratio
- For band width up to 25 mm, band thickness up to 0.6 mm
- PVC dipped handles

# **High-precision edges**







# Jewellers' snips D70-1/D71-1

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Order number	Description	Overall length		Blade length		Weight	PU	
		mm	"	mm	"	kg	qty.	V5
D70-1	Straight edges	180	7	31	1 1/4	0,13	12	
D71-1	Curved edges	175	7	32	1 1/4	0,13	12	

# Closed handles

Completely nickel coated

# Jewellers' snips D72-1



Order number	Description	Overall length		Blade length		Weight	PU	
		mm		mm	11	kg	qty.	V5
D72-1	Straight edges	180	7	31	1 1/4	0,11	12	

## Open handles

Completely nickel coated

# Jewellers' snips D74-1/D75-1



Order number	Description	Overall length		Blade length		Weight	PU	
		mm	"	mm	"	kg	qty.	V5
D74-1	Straight edges	180	7	34	1 3/8	0,09	12	
D75-1	Curved edges	175	7	33	1 5/16	0,09	12	

# Open handles

Completely nickel coated

## Jewellers' snips D76-1



Order number	Description		Overall length		de gth	Weight	PU	
		mm		mm	"	kg	qty.	V5
D76-1	Straight edges	180	7	26	1	0,14	12	

- Closed handle with spring
- Completely nickel coated

# General purpose snips









## Strong multi-purpose cutters D52-2



Order number		erall gth	Blade length		max.	Weight	PU	
	mm	"	mm	"	mm	kg	qty.	V5
D52-2	200	8	50	2	0.6	0.27	10	



- Cutting edge and handle forged in one piece for high stability
- Edges with serrations for slip-proof working
- ERGO-handle for increased comfort reduced hand fatigue!
- Blades are sandblasted and chromiumplated for corrosion protection
- Cuts cold-rolled steel up to 0.6 mm thick

# **Multi-purpose cutters**



Order number		erall gth	Blade length		Weight	PU	
	mm	II .	mm	"	kg	qty.	V5
D47-2	140	5 1/2	31	1 1/4	0.05	15	
D48-2	190	7 1/2	42	1 %	0.11	10	
D48A-2	190	7 1/2	36	1 %	0.11	10	
D49-2	165	6 1/2			0.12	10	



Order number		erall gth	Blade length		Weight	PU	
	mm	"	mm		kg	qty.	V5
D47	140	5 1/2	31	1 1/4	0.08	15	
D48	190	7 1/2	42	1 %	0.12	10	
D48A	190	7 1/2	38	1 1/2	0.11	10	
D49	165	6 1/2			0.12	10	

### D47-2 / D48-2 / D48A-2 / D49-2:

- ERGO-handle for increased comfort reduced hand fatigue!
- Stainless steel blades

#### D47 / D48 / D48A / D49:

- Edges with serrations for slip-proof working
- Stainless steel blades

#### D48A-2 / D48A:

Offset blades

# D49-2 / D49:

For multicore cables with diameter up to 10 mm

# **Combinox D50**



Order number		erall gth	Blade length				Weight	PU	
	mm	"	mm	"	kg	qty.	V5		
D50	190	7 1/2	40	1 9/16	0.14	10			

#### **MULTISNIP Master D51A**



Order number	Ove len	erall gth	Bla len	ıde gth	max.	Weight	PU	
	mm	"	mm	"	mm	kg	qty.	V5
D51A	235	9 1/4	50	2	0.4	0.19	5	

- Stainless steel blades
- Ergonomically designed handles with soft-insert
- With wire guide for cutting binding wire to Ø 2.5 mm
- Circular cutting to stop for stripping cable from Ø 1.0 to 1.5 mm
- For long continuous straight and curved cuts
- All metal parts are made of stainless steel
- Handle made of robust fibreglassreinforced plastic with a soft material insert

# **Special tools for specialists**





Seaming and clinching pliers D33.../D34.../D35...

D33	D34	D35
	7	7
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Order number	Form	Pivot screw version	Jaw width		erall gth	Weight	PU	
			mm	mm	"	kg	qty.	V6
D33-60	straight	passed through	60	280	11	0.60	6	
D331-40	straight	put on	40	280	11	0.56	6	
D331-60	straight	put on	60	280	11	0.63	6	
D331-80	straight	put on	80	320	12 3/4	0.92	5	
D34-60	45° bent	passed through	60	270	10 3/4	0.72	6	
D341-40	45° bent	put on	40	270	10 3/4	0.69	6	
D341-60	45° bent	put on	60	270	10 3/4	0.63	6	
D341-80	45° bent	put on	80	320	12 3/4	0.92	5	
D35-60	90° bent	passed through	60	255	10	0.71	6	
D351-60	90° bent	put on	60	255	10	0.67	6	

- Forged in quality steel
- Black powder coated
- Minimum jaw depth straight 60 mm
- Minimum jaw depth bent 50 mm





put on

passed through

# Seaming and clinching pliers, PVC-coated handle D33...-P/D34...-P/D35...-P



Order number	Form	Pivot screw version	Jaw width		erall igth	Weight	PU	
			mm	mm	"	kg	qty.	V6
D33-60-P	straight	passed through	60	280	11	0.60	6	
D331-60-P	straight	put on	60	280	11	0.62	6	
D34-60-P	45° bent	passed through	60	270	10 3/4	0.64	6	
D341-60-P	45° bent	put on	60	270	10 3/4	0.63	6	
D35-60-P	90° bent	passed through	60	255	10	0.71	6	
D351-60-P	90° bent	put on	60	255	10	0.67	6	

- Forged in quality steel
- Black powder coated
- PVC-coated handle
- Minimum jaw depth straight 60 mm
- Minimum jaw depth bent 50 mm





put on

passed through





Order number	Form	Pivot screw version	Jaw width			Weight	PU	
			mm	mm	"	kg	qty.	V6
D331-22	straight	put on	22	180	7	0.21	10	
D341-22	45° bent	put on	22	180	7	0.19	10	

- For small and precise seaming and bending operations
- Forged from quality steel
- PVC-coated handles
- Completely hardened
- Jaw depth straight 30 mm
- Jaw depth bent 28 mm

# Flat-nosed pliers for sheet metal work D301

Order number	Pivot screw version	Overall length		Weight	PU	
		mm	"	kg	qty.	V6
D301	put on	240	9 1/2	0.40	6	

- Forged from quality steel
- PVC-coated handles
- Flat jawed pliers
- Jaw depth 45 mm
- Serration every 0.8 mm

#### Round nosed pliers D311

Order number	Pivot screw version	Overall length		Weight	PU	
		mm	"	kg	qty.	V6
D311	put on	260	10 1/4	0.38	6	

- Forged from quality steel
- PVC-coated handles
- Round jawed pliers
- Jaw depth 50 mm
- Serration every 1 mm

# Folding pliers D355

Order number	Form	Pivot screw version	Jaw width	Overall length		Weight	PU	
			mm	mm		kg	qty.	V6
D355	straight	put on	30	250	10	0.43	5	

- Forged from quality steel
- Bronzed
- PVC-coated handles

#### Corner seaming and clinching pliers D335

Order number	Form	Pivot screw version	Jaw width			Weight	PU	
			mm	mm	"	kg	qty.	V6
D335	straight	put on	60	280	11	0.73	5	

- Forged from quality steel
- Bronzed
- PVC-coated handles
- Jaw depth 65 mm



# **Special tools for specialists**





# Squeeze folding pliers D336

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Order number	Form	Pivot screw version	Jaw width			Weight	PU	
			mm	mm	"	kg	qty.	V6
D336	gerade	durchgesteckt	80	320	12 3/4	0,78	5	

- Forged in quality steel
- Burnished
- PVC-coated handles
- Jaw depth 80 mm

# **Crimper D36**



Order number	Overal	l length	Weight	PU	
	mm	"	kg	qty.	V6
D36	250	10	0.47	1	

- 3 bottom- and 2 top jaws enable quick and efficient work
- Self-opening
- Completely galvanised
- PVC-coated handles
- Jaw depth 28 mm

# **Gutter support bowing pliers D396**



Order number	Overal	Weight	PU		
	mm	"	kg	qty.	V6
D396	680	20	3,10	1	

- 10 mm recess width for gutter irons up to 40 x 6 mm
- Head made of rust-proof malleable cast iron
- Gliding role for protecting the plastic-coated gutter irons

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# The practical everyday helpers







## Folding utility knife DBK-EU



Order number		erall gth			Blade length Weight P		
	mm		mm	"	kg	qty.	V6
DBKPH-EU	160	6 1/4	28	1 1/8	0.18	12	
DBKWH-EU	160	6 1/4	28	1 1/8	0.20	12	
DBKAH-EU	160	6 1/4	28	1 1/8	0.14	12	

 DBKPH-EU: Comfortable plastic handle; thumb cushion for max. contact pressure; blade compartment with 5 replacement blades included

- **DBKWH-EU:** High quality wooden handle
- **DBKAH-EU:** Light weight aluminium handle
- Quick blade exchange
- Belt clip

### **Knife-set DBKPH**



Order number	Layout	Weight	PU	
		kg	qty.	V6
DBKPH-SET	DBKPH Folding locking utility knife with convenient nylon storage case  + 15 pc. standard blade DBK-T  + 5 pc. hook blade DBK-H  + 2 pc. linoleum blade DBK-L  + 2 pc. scoring blade DBK-A	0.56	8	

- Knife with comfortable plastic handle
- Practical nylon zip-up case
- Four different blades for different tools

# **Spare blades DBK**



Order number	Overall length		Content per unit	Weight	PU	
	mm	"	pcs.	kg	qty.	V6
DBK-T	60	2 3/8	10	0.05	50	
DBK-H	50	2	10	0.05	1	
DBK-L	87	3 1/2	5	0.07	1	

 Suitable for all BESSEY bladed folding utility knives

#### **Multitool DBST**



Order number	Overall length open		Overall length closed		Blade length		Weight	PU	
	mm		mm	п	mm	ıı ı	kg	qty.	V6
DBST	175	7	100	4	55	2 3/16	0.36	8	

- 1 Multitool with 7 options: Shears, blade, saw, file, Phillips head screwdriver and large and small slotted screwdriver
- Cuts: Leather, rope, vinyl, thin cable, cord, thin plastic, paper and much more besides
- With a robust belt pouch for secure, it provides handy storage
- Stainless steel handle with soft cushioned elements for slip-free work





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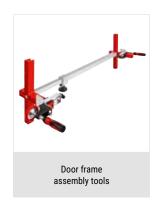


# Clamping tools for woodworking









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