



CUTTERS & TRIMMERS



Cutters & Trimmers

Premium Gatecutters..... 402

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Cutters & Trimmers



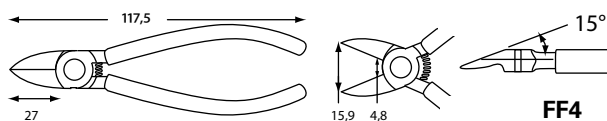
FF

4" Flat Faced Cutter



- Precision-ground and hardened, ultra-sharp cutting blades
- Precision blades cut with a 'snap'
- Small size cutter - ideal for lightweight jobs and frequent use
- Stainless steel spring for long life
- Low profile, flat face for flush cutting

REF	
FF4	
PSPG2	Spare springs



FF

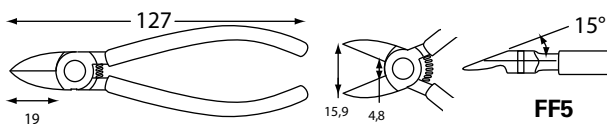
5" Flat Faced Cutter



- Special Plastic Cutting Pliers
- Flat Back for flush cutting - top quality
- Precision blades cut with a 'snap'
- Made from our own dies
- Stainless steel spring for long life
- Low profile, flat face for flush cutting

REF	
FF5	
PSPG2	Spare springs

Note: Repetitive hand action can lead to incidence of repetitive use syndrome (carpal tunnel). Ergonomic cutters shown on the following pages are recommended; however, operators should take frequent rests and use wrist support.



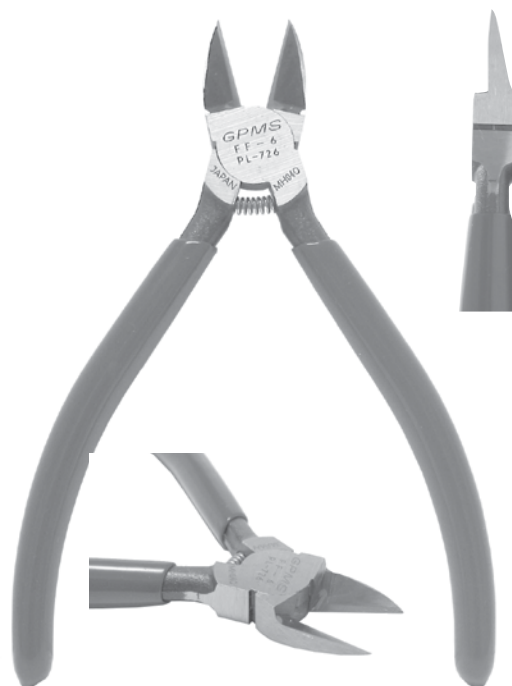
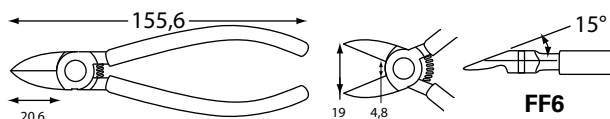
6" Flat Faced Cutter

FF

- Special Plastic Cutting Pliers
- Precision blades cut with a 'snap'
- Precision-ground and hardened, ultra-sharp cutting blades
- Stainless steel spring for long life
- Flat Back for flush cutting - top quality
- Made from our own dies
- Stainless steel spring for long life
- Low profile, flat face for flush cutting

REF	
FF6	
PSPG2	Spare springs

Note: Repetitive hand action can lead to incidence of repetitive use syndrome (carpal tunnel). Ergonomic cutters shown on the following pages are recommended; however, operators should take frequent rests and use wrist support.

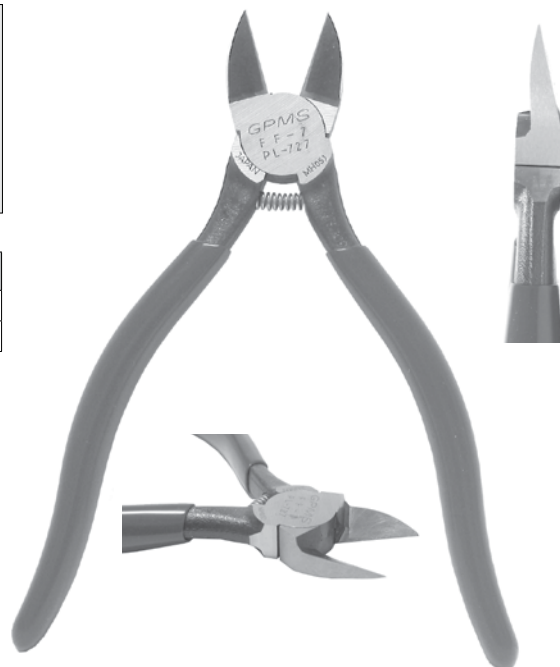
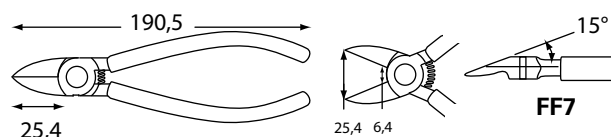


7" Flat Faced Cutter

FF

- Precision-ground and hardened, ultra-sharp cutting blades
- Precision blades cut with a 'snap'
- Flat Back for flush cutting
- Stainless steel spring for long life
- Low profile, flat face for flush cutting
- Made from our own dies

REF	
FF7	
PSPG3	Spare springs



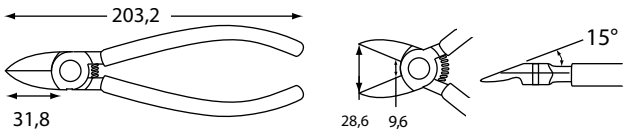
FF

8" Flat Faced Cutter



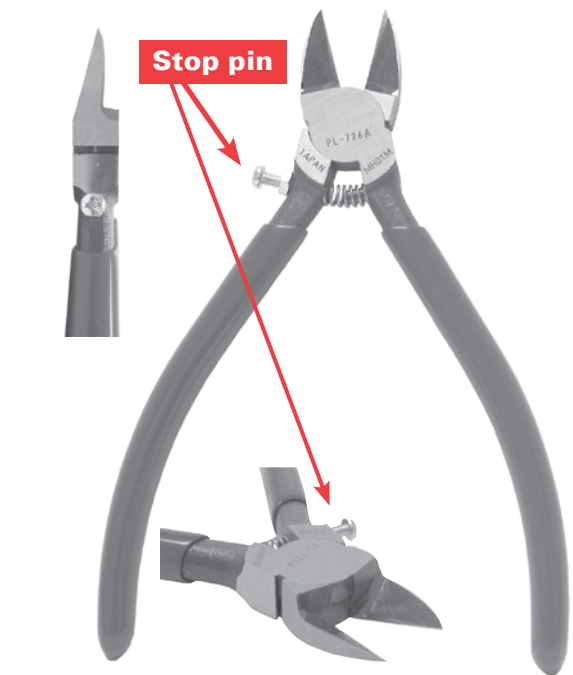
- Special Plastic Cutting Pliers
- Flat Back for flush cutting
- Precision blades cut with a 'snap'
- Precision-ground and hardened, ultra-sharp cutting blades
- Made from our own dies

REF	
FF8	
PSPG3	Spare springs



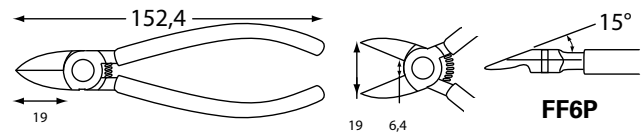
FF

6" Flat-Faced Adjustable Stop



- Low profile, flat face for flush cutting
- Heavy-duty, large-profile blades
- With adjustable stop pin screw. Ideal for use with brittle plastics
- Prevents blades from touching; increases life

REF	
FF6P	
PSPG3	Spare springs

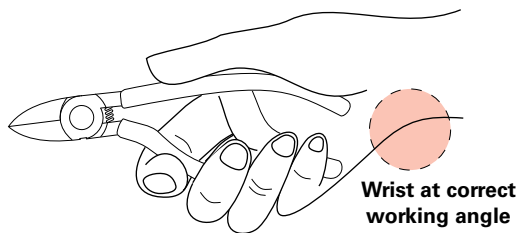
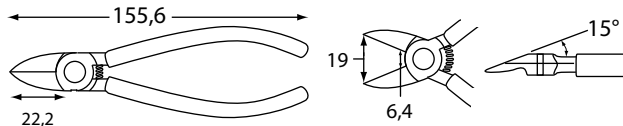


6" Flat Faced Ergonomic Cutters

FF

- Ergonomic cutters – Help prevent carpal tunnel syndrome
- Flat Back for flush cutting

REF	
FF6EL	Left hand
FF6ER	Right hand
PSPG2	Spare springs

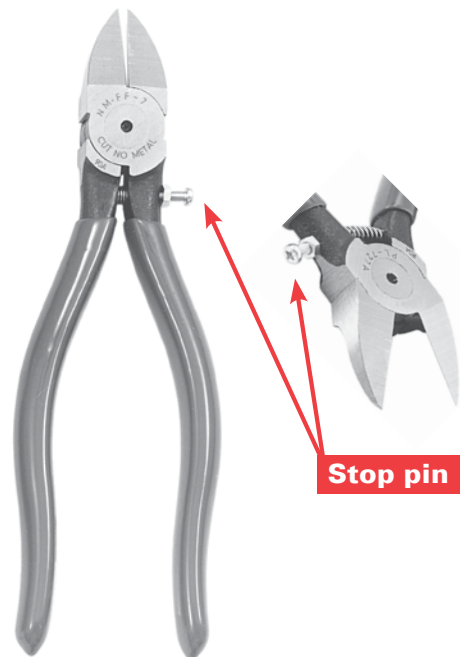
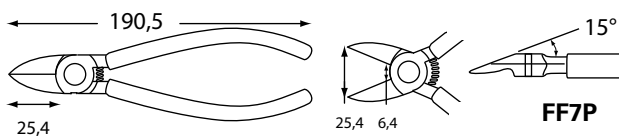


7" Flat-Faced Adjustable Stop

FF

- Low profile, flat face for flush cutting
- Heavy-duty, large-profile blades
- With adjustable stop pin screw. Ideal for use with brittle plastics
- Prevents blades from touching; increases life

REF	
FF7P	
PSPG3	Spare springs



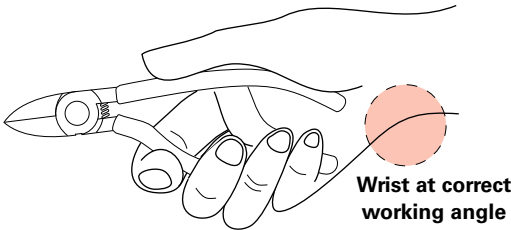
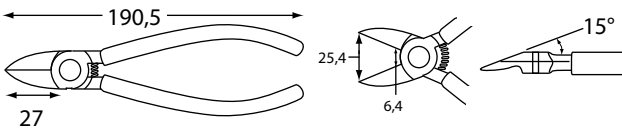
FF

7" Flat Faced Ergonomic Cutters



- Ergonomic cutters – Ideal for repetitive jobs
- Flat Back for flush cutting

REF	
FF7EL	Left hand
FF7ER	Right hand
PSPG2	Spare springs



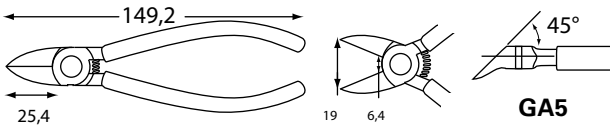
GA

45° Angle Cutters



- Angled Cutters - Ideal for recessed sprues
- Made from our own dies
- Low profile
- Stainless steel spring for long life

REF	
GA5	
PSPG2	Spare springs

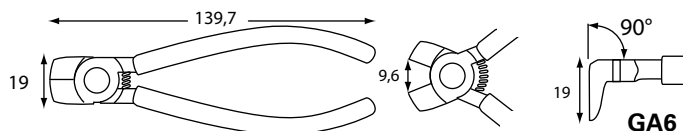


90° Angle Cutter

GA

- Angled Cutters - Ideal for recessed sprues
- High-quality precision 90° cutter with standard lap hinge

REF	
GA6	

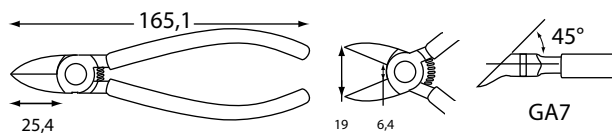


45° Angle Cutters

GA

- Angled Cutters - Ideal for recessed sprues
- Made from our own dies
- Low profile
- Stainless steel spring for long life

REF	
GA7	
PSPG2	Spare springs



GR

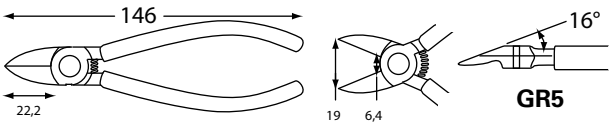
6" Flat Faced Cutter



- Specially Designed for the Plastics Industry
- New Hardened Spring
- Precision blades cut with a 'snap'
- Electronically hardened cutting edge
- Low profile, flat face for flush cutting
- Bonded plastic grip
- Lightweight (4 oz.) + perfect balance = less operator fatigue
- made from our own dies and produced in large quantities
- ideal for small to medium parts where much repetitious cutting is involved

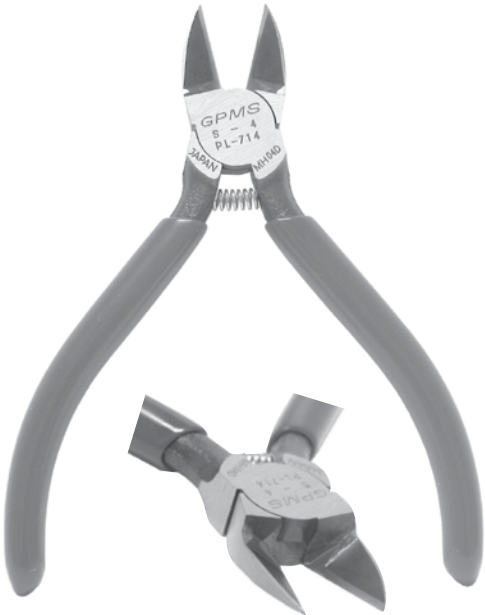
REF	
GR5	
PSPG2	Spare springs

Note: Repetitive hand action can lead to incidence of repetitive use syndrome (carpal tunnel). Ergonomic cutters shown on the following pages are recommended; however, operators should take frequent rests and use wrist support.



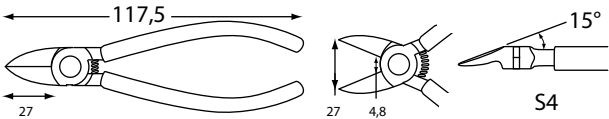
S

4" Nipper Type Cutters



- Small but with strong head - for limited access, tough cutting jobs
- Precision-ground and hardened, ultra-sharp cutting blades
- Stainless steel spring for long life
- Precision blades cut with a 'snap'
- Slightly rounded back

REF	
S4	
PSPG2	Spare springs

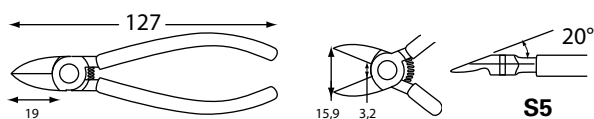


5" NipperType Cutters

S

- Thin Points - slightly rounded back - flush cutting
- Precision blades cut with a 'snap'
- Ideal Nipper for small hands
- Made from our own dies
- Stainless steel spring for long life
- Low profile

REF	
S5	
PSPG2	Spare springs

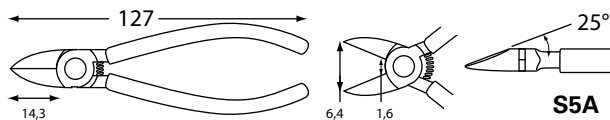


5" NipperType Cutters

S

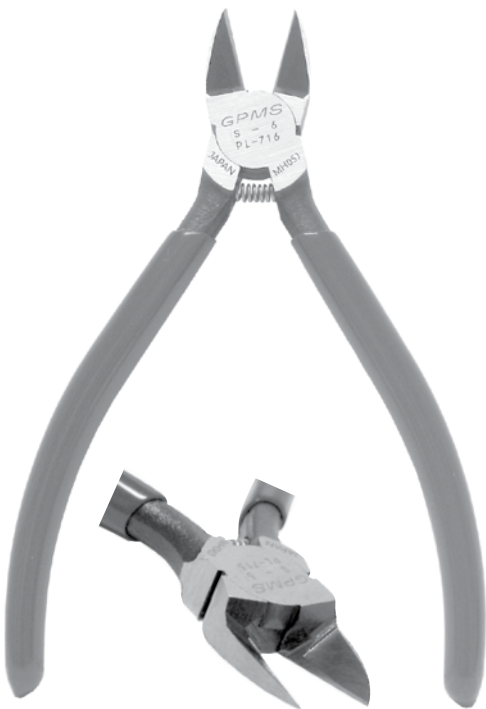
- Small but with strong head - for limited access, tough cutting jobs
- Precision-ground and hardened, ultra-sharp cutting blades
- Stainless steel spring for long life
- Precision blades cut with a 'snap'
- Slightly rounded back

REF	
S5A	
PSPG4	Spare springs



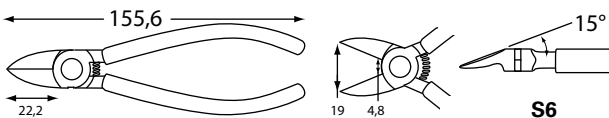
S

6" NipperType Cutters



- Thin Points - slightly rounded back - flush cutting
- Precision-ground and hardened, ultra-sharp cutting blades
- Ideal Nipper for small hands
- Made from our own dies
- Stainless steel spring for long life
- Low profile

REF	
S6	
PSPG2	Spare springs



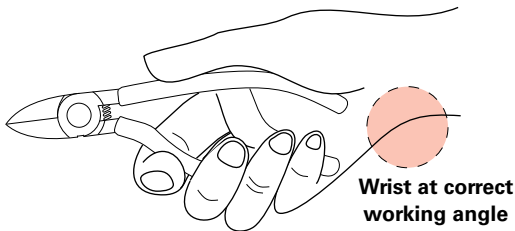
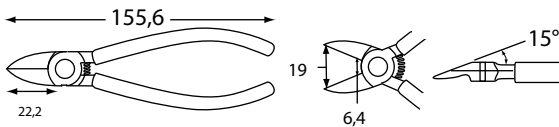
S

6" NipperType Ergonomic Cutters



- Special curved handle shape reduces stress on wrist - ideal for repetitive tasks
- Precision blades cut with a 'snap'
- Slightly rounded back

REF	
S6EL	Left hand
S6ER	Right hand
PSPG2	Spare springs

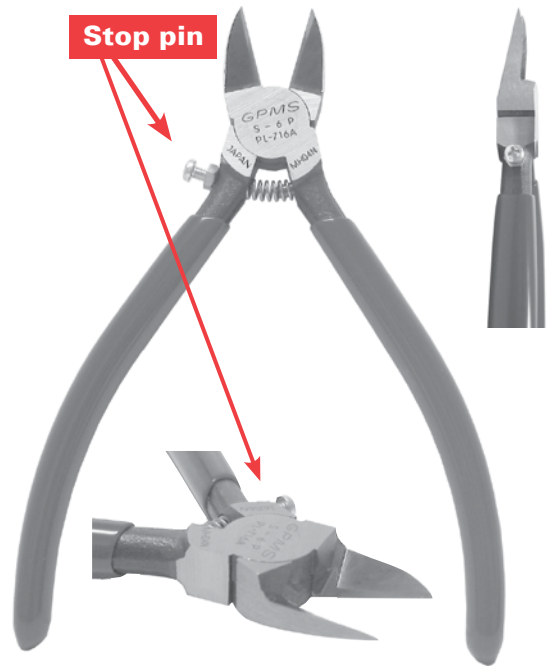
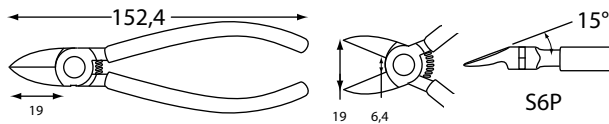


6" with Adjustable Stop

S

- With adjustable stop pin screw; ideal for use with brittle plastics; prevents blades from touching; increases life
- Slightly rounded back
- Made from our own dies

REF	
S6P	
PSPG3	Spare springs

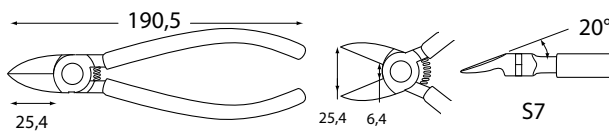


7" NipperType Cutters

S

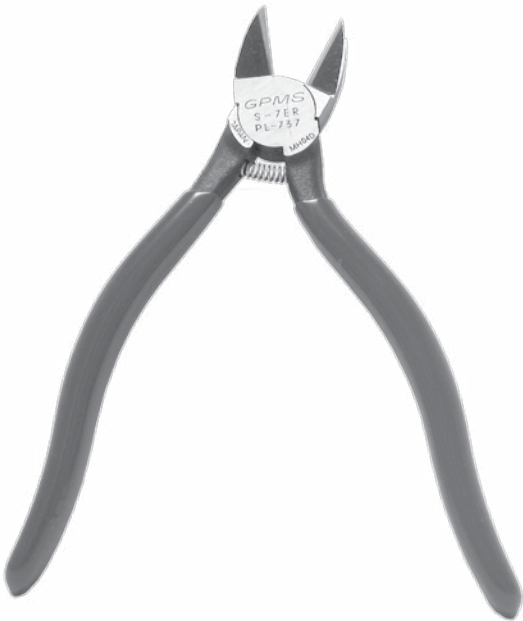
- Ideal Nipper for heavy sprues
- Precision blades cut with a 'snap'
- Low profile
- Slightly rounded back
- Made from our own dies
- Stainless steel spring for long life

REF	
S7	
PSPG3	Spare springs



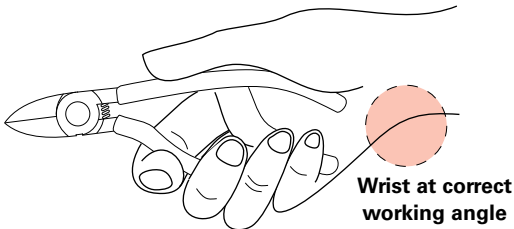
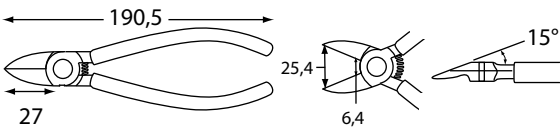
S

7" NipperType Ergonomic Cutters



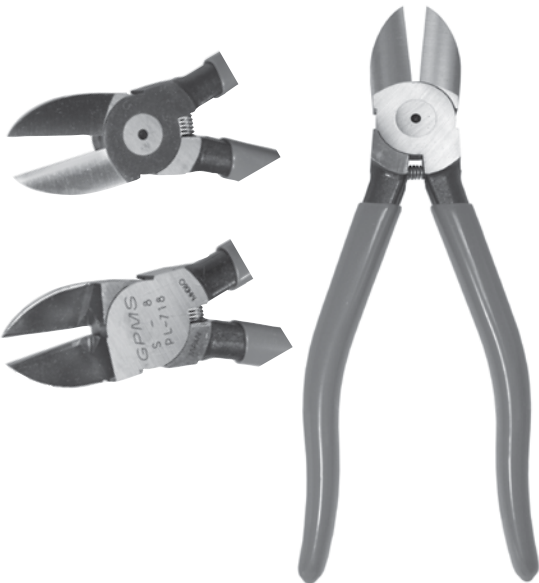
- Special curved handle shape reduces stress on wrist - ideal for repetitive tasks
- Precision blades cut with a 'snap'
- Slightly rounded back

REF	
S7EL	Left hand
S7ER	Right hand
PSPG2	Spare springs



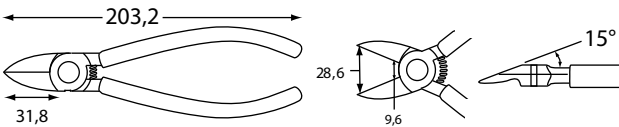
S

8" NipperType Cutters



- Special Plastic Cutting Pliers
- Thin Points - slightly rounded back - flush cutting
- Made from our own dies
- Precision blades cut with a 'snap'
- Precision-ground and hardened, ultra-sharp cutting blades
- Slightly rounded back

REF	
S8	
PSPG3	Spare springs



Nipper pliers for cutting off sprues - Straight cutting edge

SN 1150

Mat.: Induction hardened cutting edges

REF Lay-on joint	L
SN 1150A L=135	135
SN 1150A L=150	150
SN 1150A L=165	165



Nipper pliers for cutting off sprues - Convex cutting edge

SN 1151

Mat.: Induction hardened cutting edges

REF Lay-on joint	L
SN 1151A L=135	135
SN 1151A L=150	150
SN 1151A L=165	165



Nipper pliers for cutting off sprues

SN 1153

Cutting edge; A: 35° - 40° - D: 40° - 45°
Mat.: Induction hardened cutting edges

REF Lay-on joint	L
SN 1153A L=135	135
SN 1153A L=150	150
SN 1153A L=165	165



Nipper pliers for cutting off sprues - Cutting edge 90°

SN 1154

Mat.: Induction hardened cutting edges

REF Lay-on joint	L
SN 1154A L=150	150



PZ 7-3

Pneumatic pliers for cutting off sprues



Suitable for pliers Inserts allowing cuts up to 3,5 mm pliers opening. Appropriate inserts for pliers are Ze 3, ZeV, Ze 4.

Compr.-air consumption/cut	~78 cm ³
Pliers opening	3,5 mm
Hose	1,5 m
Connection Nipple	R 1/4"
Pmax	6 bar

The pneumatic pliers PZ 7, PZ 8A and PZ 8B can be supplied with special inserts for handling devices

REF

PZ7-3

PZ 7

Pneumatic pliers for cutting off sprues



Suitable for pliers Inserts allowing cuts up to 10 mm pliers opening. Appropriate inserts for pliers are Ze 3, ZeV, Ze 4. With safety-device!

Compr.-air consumption/cut	~300 cm ³
Pliers opening	10 mm
Hose	1,5 m
Connection Nipple	R 1/4"
Pmax	6 bar

The pneumatic pliers PZ 7, PZ 8A and PZ 8B can be supplied with special inserts for handling devices

REF

PZ7

PZ 8A - PZ 8B

Pneumatic pliers for cutting off sprues



Suitable for pliers Inserts allowing cuts up to A: 10 mm / B: 14 mm pliers opening. Appropriate inserts for pliers are Ze 3a, ZeVa, Ze 4a. With safety-device!

Compr.-air consumption/cut	~425 cm ³
Hose	1,5 m
Connection Nipple	R 1/4"
Pmax	6 bar

The pneumatic pliers PZ 7, PZ 8A and PZ 8B can be supplied with special inserts for handling devices

REF

PZ 8A

PZ 8B

Plier inserts for pneumatic pliers

ZE 3 - ZE 3A

REF	Plastic Ø	Cu Ø	Al Ø
PZ7-3	3,0	3,0	3,0
PZ7	8,0	4,0	4,0
PZ8A	8,0	5,0	4,0
PZ8B	12,0	4,0	4,0

Cutting performance of plier inserts when used in pneumatic pliers

REF	for
PZ7-3	PZ7-3 / PZ7
ZE3 A	PZ8A / PZ8B



Plier inserts for pneumatic pliers

ZE 3V - ZE 3VA

REF	for
ZE 3V	PZ7-3 / PZ7
ZE 3VA	PZ8A / PZ8B



Plier inserts for pneumatic pliers

ZE 4 - ZE 4A

REF	Plastic Ø	Cu Ø	Al Ø
PZ7-3	3,0	3,0	3,0
PZ7	9,0	3,5	3,5
PZ8A	9,0	5,0	4,5
PZ8B	12,0	3,5	3,0

Plier insert induction hardened to 58 HRC. Cutting performance of plier inserts when used in pneumatic pliers

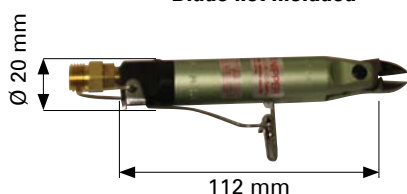
REF	for
ZE4	PZ7-3 / PZ7
ZE4A	PZ8A / PZ8B



MR3

Pneumatic cutters - hand held or bracket mounted

Blade not included



- 265 N cutting power (blade sold separately)
- Air consumption: 35 cm³/stroke
- Air pressure: 0,4~0,5 MPa
- Weight: 90 gr
- **Blade F10 (Standard)**
- 1/4" NPT fitting
- Cutting capacity plastic: max 1 mm
- **Blades - see next page**

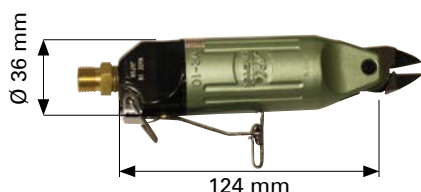
REF

MR3

MR10

Pneumatic cutters - hand held or bracket mounted

Blade not included



- 580 N cutting power (blade sold separately)
- Air consumption: 116 cm³/stroke
- Air pressure: 0,4~0,5 MPa
- Weight: 200 gr
- **Blade F3 (Standard)**
- 1/4" NPT fitting
- Cutting capacity plastic: 2,6 - 4 mm
- **Blades - see next page**

REF

MR10

MR30A

Pneumatic cutters - hand held or bracket mounted

Blade not included



- 2740 N cutting power (blade sold separately)
- Air consumption: 584 cm³/stroke
- Air pressure: 0,5~0,6 MPa
- Weight: 520 gr
- **Blade F9P (Standard)**
- ***Different sizes of blades available for these particular models!**
- 1/4" NPT fitting
- Cutting capacity plastic: 6,5 - 13 mm
- **Blades - see next page**

REF

MR30A

Pneumatic cutters - hand held or bracket mounted

MP35A

- Heavy duty
- 4410 N cutting power (blade sold separately)
- Air consumption: 956 cm³/stroke
- Air pressure: 0,5~0,6 MPa
- Weight: 830 gr
- 1/4" NPT fitting
- **Blade F9P* (Standard)**
- ***Different sizes of blades available for these particular models!**
- Cutting capacity plastic: 6,5 - 13 mm
- **Blades - see below**



REF
MP35A

Blades

Info

		REF Blade	REF Cutter	a	b	c	f	Cutting Capacity Ø mm	
								Soft plastic	Hard plastic
Plastic Cutting		F10	MR3	24	12	2,5	15	1,0	-
		F3	MR10	27	12	4,5	25	4,0	2,6
		F9P	MR30A - MR35A	65	38	15	15	10,0 - 13,0	6,5 - 6,5
Level Cutting for plastic		FD10	MR3	24	10	2,5	40	1,0	-
		FD3	MR10	27	10	4,5	40	4,0	2,6
		FD9P	MR30A - MR35A	59	27	14	30	10,0 - 13,0	6,5 - 6,5
Flat surface for plastic		F10S	MR3	24	12	2,5	-	1,0	-
		F3S	MR10	27	13	4,5	-	4,0	2,6
		F9PS	MR30A - MR35A	65	37	15	-	10,0 - 13,0	6,5 - 6,5

= Standard

How to order

Info

Ordering example:

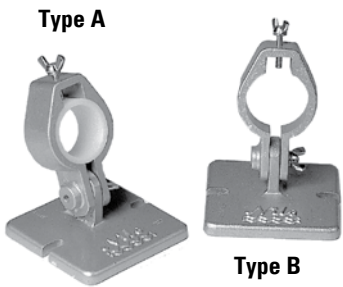
MP35A + F9P

REF cutter

REF blade

MB...

Mounting Brackets

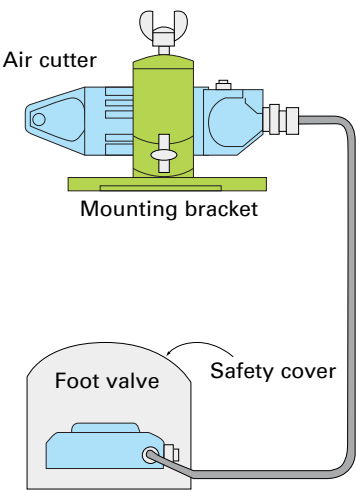
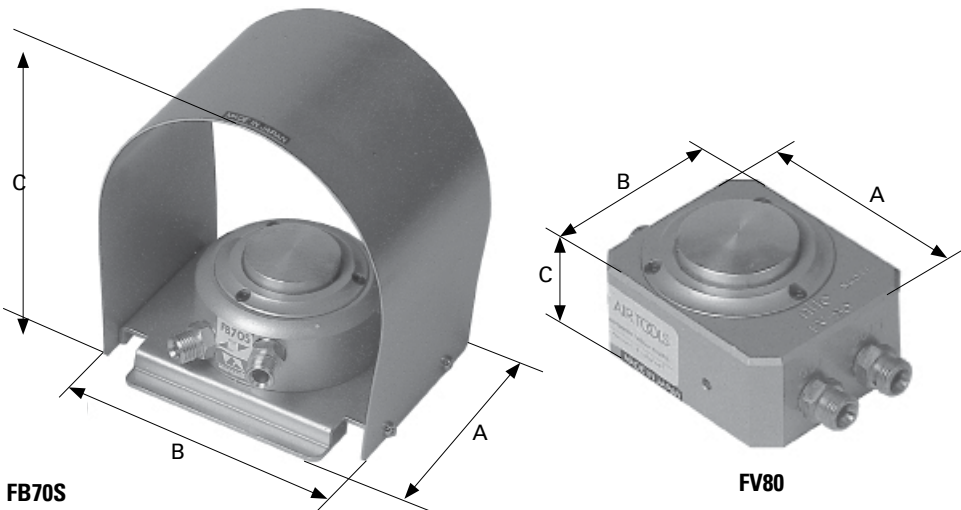


- Type A: Mounting Bracket for MR-3 to MR-10 (dia. range = < 46 mm)
- Type B: Mounting Bracket for MR30A to MP35A (dia. range = 48 - 56 mm)
- All brackets: Base= 140 x 120 mm
- Height: 118 mm

REF
MBA
MBB

FB70S - FV80

Foot valves



REF	Weight (g)	A (mm)	B (mm)	C (mm)
FB70S	970	110	122	145
FV80	600	83	69	48

- For use with all pneumatic cutters with one air inlet NPT fittings.

Helicol-Combi® Tool Balancing System
HEC...
Applications:

Balancing and supplying portable pneumatic tools.

- On pre-assembly and assembly workstations.
- On spot-welding and riveting stations.
- On packaging lines: staplers, hoop binders, nailing heads.

2 functions of balancing and supplying the compressed air in one single integrated vertically suspended apparatus.

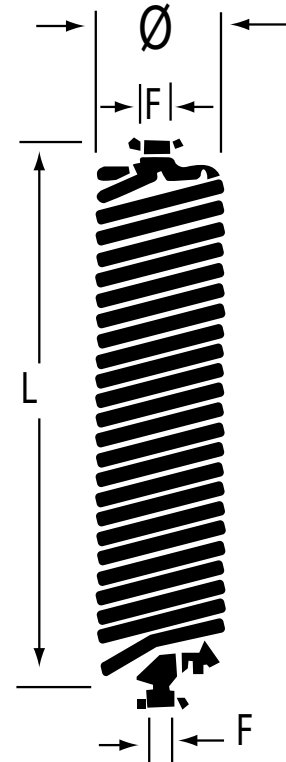
Fitted with a robust safety chain which prevents the spring from being strained, and a safe platform for suspension of larger air driven tools.

Installation:

- Determine the attachment point for your balancing unit after having mounted the air driven tool on the free end. You will then obtain the effective height.
- Attach the balancing unit to a bracket. Helicol-Combi® can be attached in a number of ways: by direct thread, with quick-release connectors, flexible hose, or chain type suspension.

Construction:

- Hose in special light protected blue color Polyamid 12.
- Model HEC 50 is fitted with the SL type safety chain.

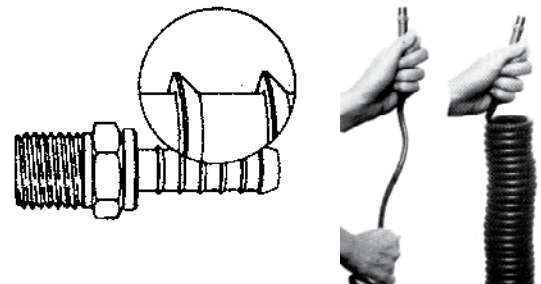


	For tools up to	For tools from
	4.5 lbs.	4.5 to 11 lbs.
Tube ø	1/4"	3/8"
L	10" (254 mm)	15" (381 mm)
max. extension	40" (1016 mm)	70" (1778 mm)
Thread F	1/4"	3/8"
Coil ø	3-1/8"	4"
REF	HEC2002	HEC5002

Polyurethane Recoil
PU04-...

- Extremely flexible - resists kinking
- Impervious to abrasion & heat
- Made with pigtails on coil -no need for whip hoses
- Less operator fatigue - low tension
- Superior elasticity & coil memory
- Special full flow fittings

The barb fittings used with our polyurethane hose are designed with this unique serrated gripping surface to hold the hose in place, especially under pressure.



REF	Hose Size	Male Swivel	Hose Length
PU04-10S	1/4"	1/4"	10' (3,0 m)
PU04-15S			15' (4,6 m)
PU04-20S			20' (6,1 m)
PU04-25S			25' (7,6 m)

EM 1150 / EM 1150E



Trimming knives for plastic parts / Spare blades set

REF	L
EM1150	155

REF Spare blade set	Pcs.
EM1150E	100

WF 620



Deburring tool

REF
WF 620

Safe deburring of hard plastics, non ferrous metals and mold steels.
Ceramic blade

WF 1540



Deburring tool

REF
WF 1540

Safe deburring of hard plastics, non ferrous metals and mold steels.
Ceramic blade

MF 400



MFC3001

Micro Finish precision deburring tool

Features:

- Ideal for curved and complicated shapes
- Safe, ceramic knife without sharp edges
- Includes 2 blades and protective cap

Also available:

Spare ceramic blades set of 5 (MFC3001)

REF
MF400

