



A CUT ABOVE
DME CUTTERS & TRIMMERS



DME GATE CUTTERS & TRIMMERS - A CUT ABOVE

THE BEST RESULTS REQUIRE THE BEST CUTTER

With DME's advanced blade technology and ergonomic designs your customers and employees will SEE and FEEL the difference. Our superior product quality assures long life performance making the DME cutter the ultimate in value.

SELECTING THE CORRECT GATE CUTTER FOR YOUR APPLICATION

To ensure a quality finished product, it is important to choose the proper gate cutter. Consider the following when selecting a cutter...

- Contour of the Back of the Blade
- Blade Length
- Plastic Type
- Blade Opening
- Handle Length
- Angle of Entry

HANDLE & HINGE DESIGN

Matching the cutter with the operator's hand and sprue size is critical.

Ergonomic handles are an effective way to reduce operator fatigue and decrease the risk of carpal tunnel syndrome. Choosing a power-up or force enhancing hinge provides more cutting force with less user effort.

We have not forgot about the lefty operators either, with cutter handles contoured to fit the left hand. All of these options equal comfort, allowing the operator to provide the most production possible during their shift.



BLADE CHARACTERISTICS

The blade characteristics should match the part at the area of de-gating.

Blade Contour (flat face):

For general purpose cutting where the sprue is fully accessible or proud of the cutting surface.

Nipper Type (slightly rounded):

For sprue cutting where access to the sprue may be slightly recessed.

Angle Heads:

For recessed sprue cutting and access to internal cavities.

Convex/Concave:

For special applications where the sprue is recessed.

Blade Stop

When cutting hard or brittle material it is recommended to use a cutter with a blade stop. Adjusting the stop so the blades stop short of hitting each other will extend the life of the blades.



DME PREMIUM GATE CUTTERS

**Features:**

High carbon steel holds its edge and out lasts the competition by 1.5-2 times.

Electronically hardened and precision ground to 30° results in an ultrasharp, low profile cutting edge than the competition's 60° allowing the blade to cut through plastic without pinching or crushing.

7 blade shapes

10 gate cutter lengths

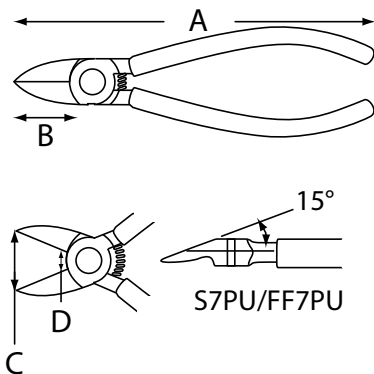
Ergonomic cutter that reduces stress in the wrist when performing repetitive tasks (right and left handed versions available)

REF	Cutter Type	Handle Length	Blade Length	Blade Opening		Blade Stop	Left Hand	Ergonomic Handle	Weight Grams	Repl. Springs
				Tip	Base					
Flat Face										
FF4	Premium	117,5	17,5	15,9	4,8				71	PSPG2
FF5	Premium	127	19,1	15,9	4,8				93	PSPG2
GR5	Premium	146,1	22,3	19,1	6,4				114	PSPG2
FF6P	Premium	152,4	19,1	19,1	6,4	✓			132	PSPG3
FF6	Premium	155,6	20,7	19,1	4,8				128	PSPG2
FF6EL	Premium	190,5	27	25,4	6,4		✓	✓	128	PSPG2
FF6ER	Premium	190,5	27	25,4	6,4			✓	128	PSPG2
FF7P	Premium	190,5	25,4	25,4	6,4	✓			213	PSPG3
FF7	Premium	190,5	25,4	25,4	6,4				213	PSPG3
FF7EL	Premium	190,5	27	25,4	6,4		✓	✓	213	PSPG2
FF7ER	Premium	190,5	27	25,4	6,4			✓	213	PSPG2
FF8	Premium	203,2	31,8	28,6	9,6				319	PSPG3
Nipper Type										
S4	Premium	117,5	17,5	17,5	4,8				71	PSPG2
S5	Premium	127	19,1	15,9	3,2				93	PSPG4
S5A	Premium	127	14,3	6,4	1,6				93	PSPG2
S6P	Premium	152,4	19,1	19,1	6,4	✓			142	PSPG3
S6	Premium	155,6	22,3	19,1	4,8				142	PSPG2
S6EL	Premium	155,6	22,3	19,1	6,4		✓	✓	142	PSPG2
S6ER	Premium	155,6	22,3	19,1	6,4			✓	142	PSPG2
S7	Premium	190,5	25,4	25,4	6,4				213	PSPG3
S7EL	Premium	190,5	27	25,4	6,4		✓	✓	213	PSPG2
S7ER	Premium	190,5	27	25,4	6,4			✓	213	PSPG2
S8	Premium	203,2	31,8	28,6	9,6				319	PSPG3
Angle Head										
GA5	Premium	149,3	25,4	19,1	6,4				128	PSPG2
GA7	Premium	165,1	25,4	19,1	6,4				156	PSPG3
GA6	Premium	139,7	19,1	9,6	9,6				213	NA
GA6A	Premium	146,1	19,1	12,7	12,7				156	NA

PREMIUM GATE CUTTERS & TRIMMERS

POWER-UP GATE CUTTERS

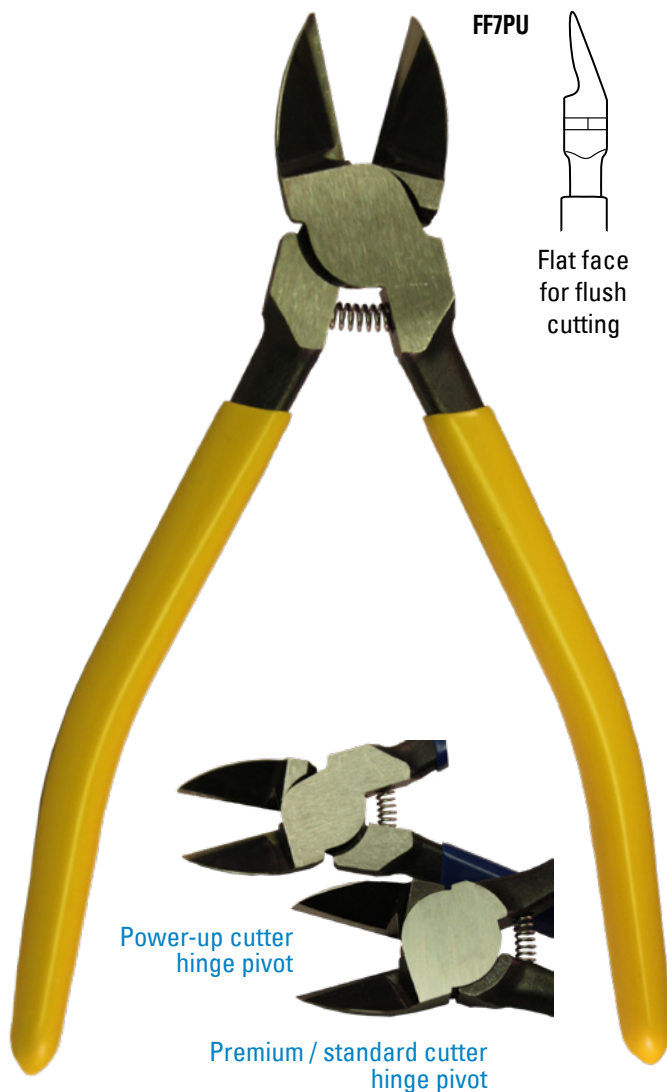
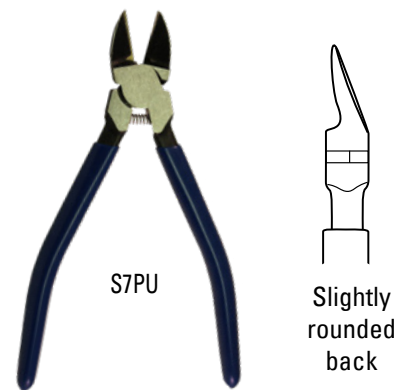
FFPU - SPU


Comfortable cutting all day

Power-up cutters are designed specifically for cutting heavy duty large sprues with reduced hand pressure.

The unique design and forging positions the hinge pivot point off-center to create a cam action which increases blade cutting pressure.

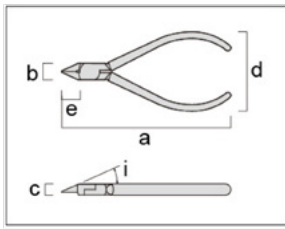
Simple mechanical leverage principles reduce the required hand force by up to 50% compared to conventional cutters. The new design of these cutters are ideal for repeat cutting of large, heavy sprues and particularly tough applications such as glass-filled resins.


Standard Cutters


REF	A	B	C	D
FF7PU	177,8	25,4	20,6	6,4
S7PU	177,8	25,4	20,6	6,4

DME PRO SERIES

FFB



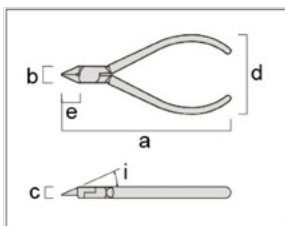
Mini Size Nippers for small sprue and gate cutting where less force is required. The unique hinge design and off set handles provide a cam action resulting in increased blade cutting pressure with less effort than traditional cutters. The new hinge design, highly polished blades and coil spring pack a 1,2,3 punch allowing for hours of cutting with less fatigue.



REF	Sprue Ø	A OAL	B Head Width	C Height	D Handle Width	E Blade length	F Angle of Blade	Spring	Cutting Blades	Blade Shape
FF4B	3	110	11	7.5	53	12,7	25	Yes	Double	Flat

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TBSB



Thin Blade Cutters are ideal due to their slicing action through the gate as apposed to a crush and cut which leaves an unattractive edge and requires more hand force. Try a thin blade cutter to see and feel the difference.

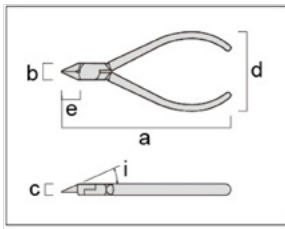


REF	Sprue Ø	A OAL	B Head Width	C Height	D Handle Width	E Blade length	F Angle of Blade	Spring	Cutting Blades	Blade Shape
TBS5B	3	126	13,5	7	52	13	25	Yes	Double	Round
TBS6PB	2	156	15,5	9	50	17,5	15	Yes	Double	Round

HIGH QUALITY & AFFORDABLE CUTTERS & TRIMMERS

DME PRO SERIES

FFSB - SSB



The Single Blade Cutters are designed for cutting the hard plastic gates of engineered resins (POM, PA, PC, etc.). A single blade enables the user to “slice off” plastic without leaving flash on the cut section for a nice clean edge. The cutters also incorporate a coil spring for easy continuous cutting. Available in Round and Flat Face blades to fit your application.



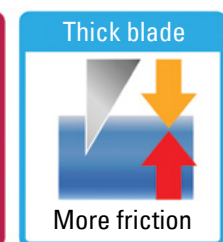
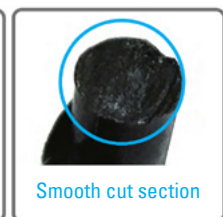
REF	Sprue Ø mm	A OAL mm	B Head Width	C Height	D Handle Width	E Blade length	F Angle of Blade	Spring	Cutting Blades	Blade Shape
FF5SB	3	131	15,5	9	50	16	15	yes	Single	Flat
FF6SB	5	154	17,5	10	50	20	15	yes	Single	Flat
S5SB	3	131	15,5	9	50	16	15	yes	Single	Round
S6SB	5	154	17,5	10	50	20	15	yes	Single	Round



Double-edged type



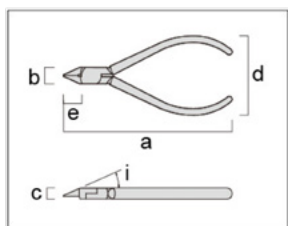
Single-edged type



Blades are dressed thinner to provide a sharper edge than standard nippers. This produces less friction during the cut.

DME PRO SERIES

FFPB



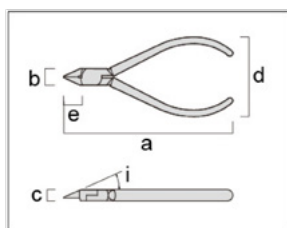
Heavy Duty Cutters are designed specifically for cutting heavy duty large sprues with reduced hand pressure. The unique hinge design and forging positions the pivot point off-center to create a cam action which increases blade cutting pressure. Most suitable for large and glass filled gate cutting associated with injection molded plastic, plastic burrs and plastic model making. Available in 183 and 200 mm overall lengths.



REF	Sprue Ø mm	A OAL mm	B Head Width	C Height	D Handle Width	E Blade length	F Angle of Blade	Spring	Cutting Blades	Blade Shape
FF7PB	6	183	22	10,5	49	23	15	no	Double	Flat
FF8PB	8	200	25	13	52	25	17	no	Double	Flat

DME PRO SERIES

FFB - SB - SPB



Force Enhancement Cutters are newly designed cutters ideal for repeat cutting of large, heavy sprues and particularly tough applications such as glass-filled resins. The forged high carbon steel blades are ground and polished to achieve very keen edge, resulting in a beautiful cut cross section. Coil springs are incorporated to continuous cutting. Sanitary antibacterial grip handles are applied to prolong use.

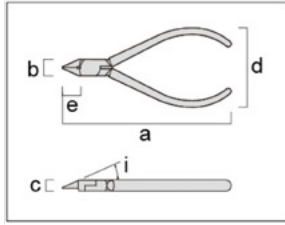


REF	Sprue Ø	A OAL	B Head Width	C Height	D Handle Width	E lade length	F Angle of Blade	Spring	Cutting Blades	Blade Shape
FF5B	3	131	15,5	9	50	16	15	yes	Double	Flat
FF6B	5	154	17,5	10	50	17,5	16	yes	Double	Flat
S5B	3	131	15,5	9	50	16	15	yes	Double	Round
S6B	5	154	17,5	10	50	17,5	16	yes	Double	Round
S5PB	3	131	14	8,5	50	15,8	18	Yes	Double	Round

HIGH QUALITY & AFFORDABLE CUTTERS & TRIMMERS

DME PRO SERIES

GAB



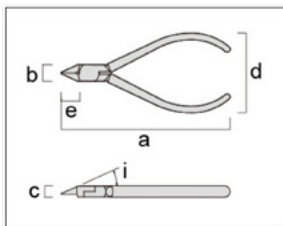
End and Angle Cutting Nippers for easy cutting of gates no matter the application DME has the cutter for you. End Plastic Cutting Nippers for vertical entry suitable for cutting gates and burrs in recessed areas. Coil springs are incorporated enabling continuous cutting. Sanitary antibacterial grip handles are applied to prolong use.



REF	Sprue Ø	A OAL	B Head Width	C Height	D Handle Width	E Blade length	F Angle of Blade	Spring	Cutting Blades	Blade Shape
GA5B	3	120	13,6	6	46	20	N/A	yes	Double	Flat
GA6B	3	142	13,6	11	46	27	N/A	yes	Double	Flat

DME PRO SERIES

GASB



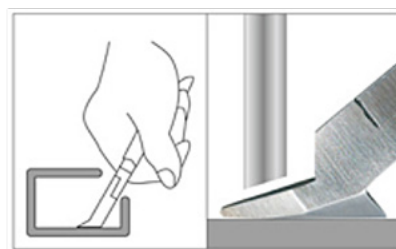
Angled Plastic Cutting Nippers for vertical entry. Most suitable to finish cut tunnel gate and pin gate areas. Both cutters have rounded blades with sanitary antibacterial grip handles applied to prolong use.



GAS6B Angle Plastic Cutting Nipper (25 Degree)



GAS5B Angle Plastic Cutting Nipper (34 Degree)



Designed to finish cut tunnel gate and pin gate.

REF	Sprue Ø	A OAL	B Head Width	C Height	D Handle Width	E Blade length	F Angle of Blade	Spring	Cutting Blades	Blade Shape
GAS5B	3	125	13,6	7,5	46	8	34	yes	Double	Round
GAS6B	5	157	15	11	52	24,4	25	no	Double	Round

DME STANDARD & SPECIALIZED GATE CUTTERS

FFA - SA - GAA - GCX ...



Need a high quality cutter on a budget? DME's standard cutters provide high quality results at an economic price point. Offered in a wide range of lengths and blade styles the standard cutter is forged from high quality steel and ground to a sharp cross cut edge for long lasting usage. Have a hard to reach recessed gate? Try one of our specialized cutters designed to make the job easy.

REF	Cutter Type	Handle Length	Blade Length	Blade Opening		Weight Grams	Repl. Springs
				Tip	Base		
Flat Face							
FF5A	Standard	127	19,1	15,9	4,8	93	NA
FF6A	Standard	158,8	20,7	22,3	6,4	128	NA
FF7A	Standard	190,5	25,4	25,4	6,4	213	NA
Nipper Type							
S5A	Standard	127	14,3	6,4	1,6	93	PSPG2
S6A	Standard	152,4	20,7	22,3	8	142	NA
S7A	Standard	190,5	25,4	25,4	6,4	213	NA
Convex/Concave							
GCX6	Specialized	149,3	22,3	8	6,4	162	NA
GCC5	Specialized	162	25,4	12,7	9,6	153	NA
End Cutters							
24EF	Specialized	114,3	6,4	4,8	NA	64	NA
25EF	Specialized	146,1	9,6	11,2	NA	110	NA
Force Multiplying							
WA1000	Specialized	162	17,5	9,6	3,2	156	NA
Mini Nippers							
NM008	Specialized	127	12,7	12,7	6,4	57	PSPG6
NM009	Specialized	127	12,7	9,6	6,4	57	NA
CN5-51	Specialized	114,3	15,9	8	4,8	156	NA

NIPPER PLIERS

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 - CUTTING EDGE; A: 35° - 40° - D: 40° - 45°

SN 1153


Mat.: Induction hardened cutting edges

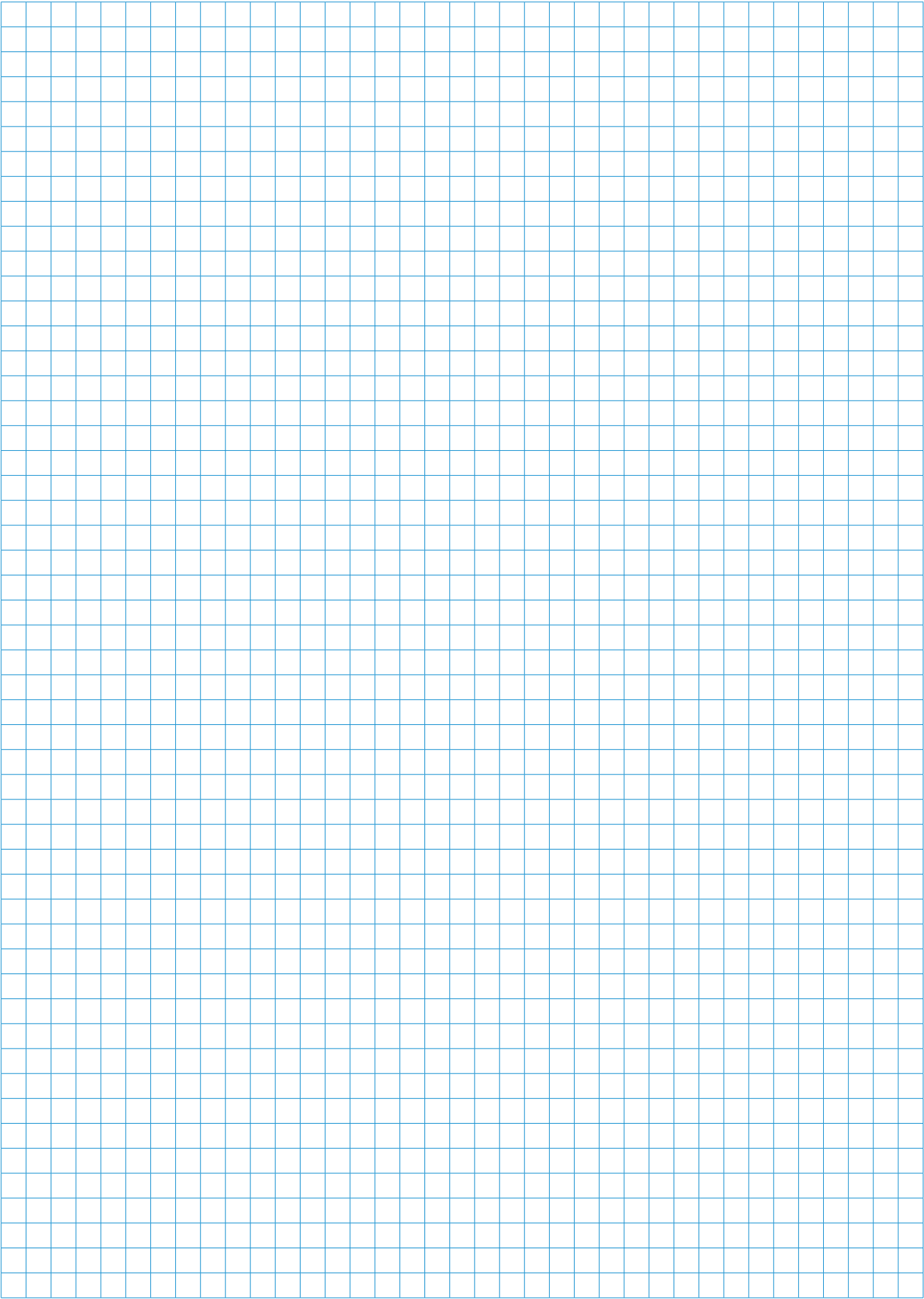
REF Lay-on joint	L
SN 1153A L=135	135
SN 1153A L=150	150
SN 1153A L=165	165

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





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