

Gate Cutters



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
- Blade opening
- Handle length

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.

Handles

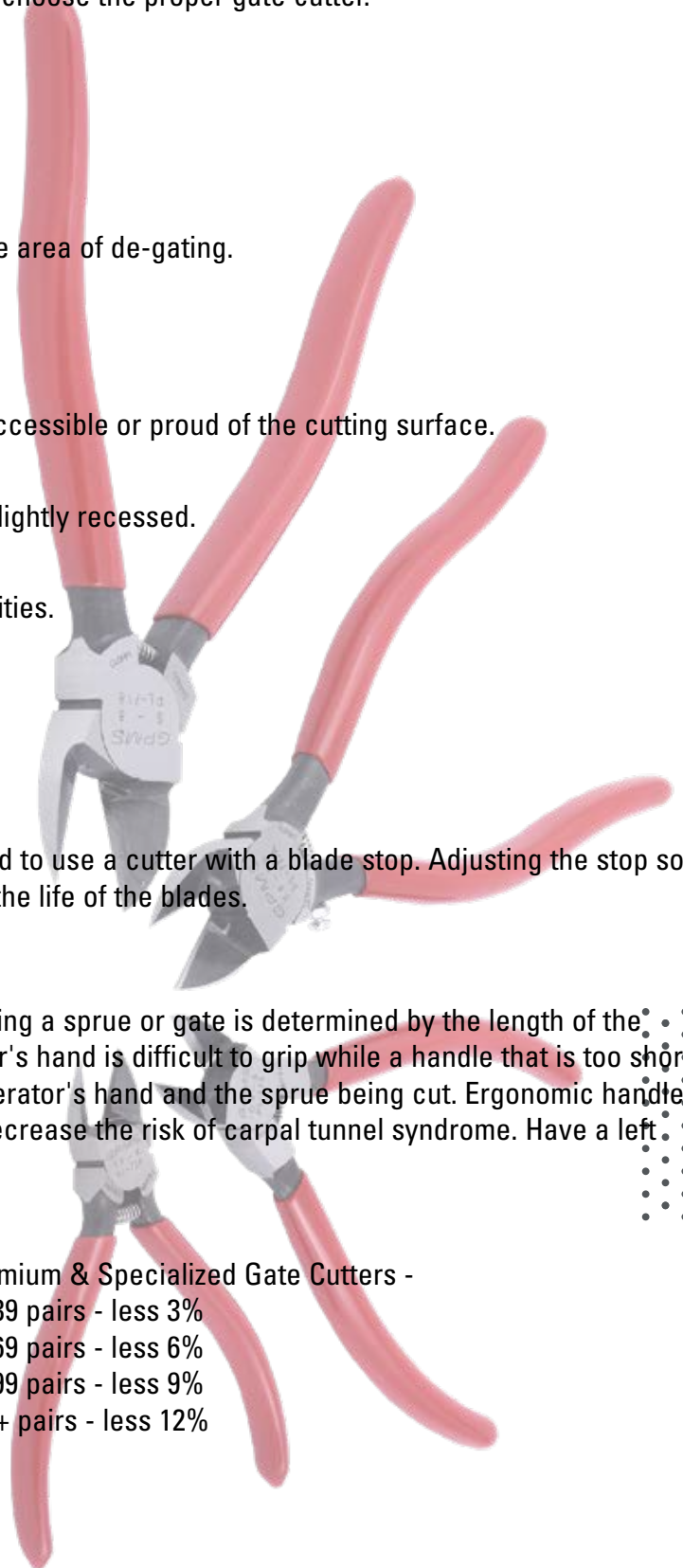
How much pressure an operator must exert when cutting a sprue or gate is determined by the length of the cutter handle. A handle that is too long for the operator's hand is difficult to grip while a handle that is too short causes excessive strain. Match the cutter with the operator's hand and the sprue being cut. Ergonomic handles are an effective way to reduce operator fatigue and decrease the risk of carpal tunnel syndrome. Have a left handed operator? We have left handed gate cutters.

Quantity Discounts

Standard Gate Cutters -
12-23 pairs - less 3%
24-74 pairs - less 7%
75-99 pairs - less 10%
100+ pairs - less 13%

Premium & Specialized Gate Cutters -
20-39 pairs - less 3%
40-69 pairs - less 6%
70-99 pairs - less 9%
100+ pairs - less 12%

For more details see the back side of this page



Gate Cutters



Part Number	Cutter Type	Handle Length	Blade Length	Blade Opening		Blade Stop	Left Hand	Ergonomic Handle	Weight Oz.	Repl. Springs
				Tip	Base					
Flat Face										
FF4	Premium	4-5/8"	1 1/16"	5/8"	3/16"				2-1/2	PSPG2
FF5A	Standard	5"	3/4"	5/8"	3/16"				3-1/4	NA
FF5	Premium	5"	3/4"	5/8"	3/16"				3-1/4	PSPG2
GR5	Premium	5-3/4"	7/8"	3/4"	1/4"				4	PSPG2
FF6P	Premium	6"	3/4"	3/4"	1/4"	Yes			4-5/8	PSPG3
FF6A	Standard	6-1/4"	13/16"	7/8"	1/4"				4-1/2	NA
FF6	Premium	6-1/8"	13/16"	3/4"	3/16"				4-1/2	PSPG2
FF6EL	Premium	6-1/8"	7/8"	3/4"	1/4"		Yes	Yes	4-1/2	PSPG2
FF6ER	Premium	6-1/8"	7/8"	3/4"	1/4"			Yes	4-1/2	PSPG2
FF7P	Premium	7-1/2"	1"	1"	1/4"	Yes			7-1/2	PSPG3
FF7A	Standard	7-1/2"	1"	1"	1/4"				7-1/2	NA
FF7	Premium	7-1/2"	1"	1"	1/4"				7-1/2	PSPG3
FF7EL	Premium	7-1/2"	1-1/16"	1"	1/4"		Yes	Yes	7-1/2	PSPG2
FF7ER	Premium	7-1/2"	1-1/16"	1"	1/4"			Yes	7-1/2	PSPG2
FF8	Premium	8"	1-1/4"	1-1/8"	3/8"				11-1/4	PSPG3
Nipper Type										
S4	Premium	4-5/8"	1 1/16"	1 1/16"	3/16"				2-1/2	PSPG2
S5	Premium	5"	3/4"	5/8"	1/8"				3-1/4	PSPG4
S5A	Premium	5"	9/16"	1/4"	1/16"				3-1/4	PSPG2
S6A	Standard	6"	13/16"	7/8"	5/16"				5	NA
S6P	Premium	6"	3/4"	3/4"	1/4"	Yes			5	PSPG3
S6	Premium	6-1/8"	7/8"	3/4"	3/16"				5	PSPG2
S6EL	Premium	6-1/8"	7/8"	3/4"	1/4"		Yes	Yes	5	PSPG2
S6ER	Premium	6-1/8"	7/8"	3/4"	1/4"			Yes	5	PSPG2
S7A	Standard	7-1/2"	1"	1"	1/4"				7-1/2	NA
S7	Premium	7-1/2"	1"	1"	1/4"				7-1/2	PSPG3
S7EL	Premium	7-1/2"	1-1/16"	1"	1/4"		Yes	Yes	7-1/2	PSPG2
S7ER	Premium	7-1/2"	1-1/16"	1"	1/4"			Yes	7-1/2	PSPG2
S8	Premium	8"	1-1/4"	1-1/8"	3/8"				11-1/4	PSPG3
Angle Head										
GA5	Premium	5-7/8"	1"	3/4"	1/4"				4-1/2	PSPG2
GA7	Premium	6-1/2"	1"	3/4"	1/4"				5-1/2	PSPG3
GA6	Premium	5-1/2"	3/4"	3/8"	3/8"				7-1/2	NA
GA6A	Premium	5-3/4"	3/4"	1/2"	1/2"				5-1/2	NA
Convex/Concave										
GX5	Specialized	5-7/8"	7/8"	5/16"	1/4"				5-3/8	NA
GX6	Specialized	6-3/8"	1"	1/2"	3/8"				5-11/16	NA
GCC5	Specialized	5-5/8"	7/8"	3/8"	1/4"				5-3/8	NA
End Cutters										
24EF	Specialized	4-1/2"	1/4"	3/16"	NA				2-1/4	NA
25EF	Specialized	5-3/4"	3/8"	7/16"	NA				3-7/8	NA
Force Multiplying										
WA1000	Specialized	6-3/8"	1 1/16"	3/8"	1/8"				5-1/2	NA
Mini Nippers										
NM008	Specialized	5"	1/2"	1/2"	1/4"				2	PSPG6
NM009	Specialized	5"	1/2"	3/8"	1/4"				2	NA
CN5-51	Specialized	4-1/2"	5/8"	5/16"	3/16"				3-1/2	NA