

AUTOMATED GLASS CUTTING: Cutting Wheels


Talamoni Tungsten Carbide and Diamond Cutting Wheels are skillfully "Made in Italy".

Our cutting wheels are available in a variety of dimensions, cutting angles and grinds. Below are the most common types. Other sizes and angle can be customized to your specifications. Please contact us for your needs.


Cutting Wheels For: Bystronic, Bavelloni, Bottero, CMS, Hegla, Intermac, Lisec, MacoTec, Maver, Pankoke Tecnometal, and Tuomas tables.

	Wheel Part No.	Ø x hole bore x thickness	Angle	Holder Part No.
RO5614				
	RO5614R135	5.6 x 1.42 x 1.08 mm	135°	CP4, T245 or B50
	RO5614R140	5.6 x 1.42 x 1.08 mm	140°	CP4, T245 or B50
	RO5614R145	5.6 x 1.42 x 1.08 mm	145°	CP4, T245 or B50
	RO5614R150	5.6 x 1.42 x 1.08 mm	150°	CP4, T245 or B50
	RO5614R155	5.6 x 1.42 x 1.08 mm	155°	CP4, T245 or B50
	RO5614R160	5.6 x 1.42 x 1.08 mm	160°	CP4, T245 or B50
	RO5614R165	5.6 x 1.42 x 1.08 mm	165°	CP4, T245 or B50
RO4114				
	RO4114R135	4.1 x 1.42 x 1.08 mm	135°	CP4, E, or B50
	RO4114R140	4.1 x 1.42 x 1.08 mm	140°	CP4, E, or B50
	RO4114R145	4.1 x 1.42 x 1.08 mm	145°	CP4, E, or B50
	RO4114R150	4.1 x 1.42 x 1.08 mm	150°	CP4, E, or B50
	RO4114R155	4.1 x 1.42 x 1.08 mm	155°	CP4, E, or B50
	RO4114R160	4.1 x 1.42 x 1.08 mm	160°	CP4, E, or B50
	RO4114R165	4.1 x 1.42 x 1.08 mm	165°	CP4, E, or B50
RO4522				
	RO4522R135	4.5 x 1.42 x 2.2 mm	135°	CP22
	RO4522R140	4.5 x 1.42 x 2.2 mm	140°	CP22
	RO4522R145	4.5 x 1.42 x 2.2 mm	145°	CP22
	RO4522R150	4.5 x 1.42 x 2.2 mm	150°	CP22
	RO4522R155	4.5 x 1.42 x 2.2 mm	155°	CP22
	RO4522R160	4.5 x 1.42 x 2.2 mm	160°	CP22
	RO4522R165	4.5 x 1.42 x 2.2 mm	165°	CP22


Cutting Wheels For: Bystronic and Bottero tables.

	Wheel Part No.	Ø x hole bore x thickness	Angle	Holder Part No.
RO6016				
	RO6016R127	6.22 x 1.60 x 3.05 mm	127°	T255
	RO6016R135	6.22 x 1.60 x 3.05 mm	135°	T255
	RO6016R145	6.22 x 1.60 x 3.05 mm	145°	T255
	RO6016R155	6.22 x 1.60 x 3.05 mm	155°	T255
	RO6016R160	6.22 x 1.60 x 3.05 mm	160°	T255



Cutting Wheels For: Bystronic, Bavelloni, Bottero, CMS, Hegla, Intermac, MacoTec, GFP, Meccanica, Maver and Tuomas tables.

	Wheel Part No.	Ø x hole bore x thickness	Angle	Holder Part No.
RO6015				
	RO6015R135	6,0 x 1.50 x 1.06 mm	135°	CSH
	RO6015R140	6,0 x 1.50 x 1.06 mm	140°	CSH
	RO6015R145	6,0 x 1.50 x 1.06 mm	145°	CSH
	RO6015R150	6,0 x 1.50 x 1.06 mm	150°	CSH
	RO6015R155	6,0 x 1.50 x 1.06 mm	155°	CSH
	RO6015R160	6,0 x 1.50 x 1.06 mm	160°	CSH
	RO6015R165	6,0 x 1.50 x 1.06 mm	165°	CSH

Cutting Wheels For: Lisecc tables.

	Wheel Part No.	Ø x hole bore x thickness	Angle	Holder Part No.
RO5013				
	RO5013R135	5.0 x 1.3 x 1.0mm	135°	T45
	RO5013R145	5.0 x 1.3 x 1.0 mm	145°	T45
	RO5013R155	5.0 x 1.3 x 1.0 mm	155°	T45
	RO5013R160	5.0 x 1.3 x 1.0 mm	160°	T45
	RO5013R165	5.0 x 1.3 x 1.0 mm	165°	T45

Cutting Wheels For: INTERMAC tables

	Wheel Part No.	Ø x hole bore x thickness	Angle	Holder Part No.
RO8030				
	RO8030R127	8.0 x 3.0 x 2.0 mm	127°	
	RO8016R135	8.0 x 3.0 x 2.0 mm	135°	
	RO8016R145	8.0 x 3.0 x 2.0 mm	145°	
	RO8016R155	8.0 x 3.0 x 2.0 mm	155°	
	RO8016R160	8.0 x 3.0 x 2.0 mm	160°	
RO12040				
	RO12040R135	12.4 x 3.0 x 4.0 mm	135°	
	RO12040R145	12.4 x 3.0 x 4.0 mm	145°	
	RO12040R155	12.4 x 3.0 x 4.0 mm	155°	
	RO12040R160	12.4 x 3.0 x 4.0 mm	160°	
	RO12040R165	12.4 x 3.0 x 4.0 mm	165°	

Choose a grind according to glass type:

DSG	Laminated or Stratified Glass Wheel Finish: Slightly Rough Finish
DG	Straight or Shape Cutting Wheel Finish: Regular Grind
PL	Thin and Specialty Glass [Mirrors] Wheel Finish: Polished
DSHG	Open Cuts, Thick Glass and Irregular Surfaces Wheel Finish: Rough Grind

When ordering, add the grind designation after the product code.

AUTOMATED GLASS CUTTING: Wheel Holder Module with Tungsten Carbide Wheel

Save time by using our wheel holder modules complete with tungsten carbide wheel and pillar posts pre-inserted. For open and shape cuts we suggest holder module CP22 — you will be astonished with the cut quality. Inscription on the holder with the wheel angle is also available.

For easy identification, the angle of the cutting wheel can be etched on the holder



The glass cutting wheel and holder are closely fitted for making precise cuts.

Cutting Wheel Module For: Bystronic, Bavelloni, Bottero, Hegla, Intermac, Lisee, MacoTec, Pankoke Tecnometal, Tuomas

Module Part No	Glass Type / Cut Type	Wheel Part No.	Glass Thickness
CP5135	Float / Straight	RO5614	3.0 mm
CP4135	Float / Shape	RO4114	1.0 mm
CP5140	Float / Straight	RO5614	4.0 mm
CP4140	Float / Shape	RO4114	1.0 mm
CP5145	Float / Straight	RO5614	3.0–6.0 mm
CP4145	Float / Shape	RO4114	3.0 mm
CP5145	Laminated or Stratified Glass	RO5614	3+3–10+10 mm
CP4150	Float / Straight	RO5614	8.0 mm
	Float / Shape	RO4114	3.0–4.0 mm
	Laminated or Stratified Glass	RO5614	3+3–10+10 mm
CP4155	Float / Straight	RO5614	8.0–15.0 mm
	Float / Shape	RO4114	5.0–8.0 mm
	Laminated or Stratified Glass	RO5614	3+3–10+10 mm
CP5160	Thick Glass / Universal	RO5614	> 15.0 mm
CP4160	Thick Glass / Universal	RO4114	> 15.0 mm

Cutting Wheel Specifications




Module Part No	Wheel \varnothing x hole bore x thickness	Wheel Part No.	Angle
CP22R135	4.5 x 1.42 x 2.2 mm	RO4522	135°
CP22R140	4.5 x 1.42 x 2.2 mm	RO4522	140°
CP22R145	4.5 x 1.42 x 2.2 mm	RO4522	145°
CP22R150	4.5 x 1.42 x 2.2 mm	RO4522	150°
CP22R155	4.5 x 1.42 x 2.2 mm	RO4522	155°
CP22R160	4.5 x 1.42 x 2.2 mm	RO4522	160°

AUTOMATED GLASS CUTTING: Wheel Holders



Talamoni precision metal wheel holders guarantee a perfect cut.

Our expertly machined wheel holders are made of steel or metal alloys and are compatible with most cutting table manufacturers. Use these holders with our tungsten carbide or diamond cutting wheels and axles.


Wheel Holders For: Armatec, Bavelloni, Bottero, Bystronic Hegla, Intermac, Laser Lisec, MacoTec, Maver, Pannkoke, Tecnometal and Turomas

	Wheel Holder Part No.	Wheel Part No. [Ø x hole bore x thickness]	Axle Part No. [Length x diameter]
	CP5	RO5614 [5.6 x 1.4 x 1.08 mm]	14004MD [5.6 x 1.4 mm]
	CP4	RO4114 [4.1 x 1.4 x 1.08 mm]	14004MD [4.6 x 1.4 mm]
	CP22	RO4522 [4.5 x 1.4 x 2.20 mm]	14004MD [4.6 x 1.4 mm]
	CSH	RO6015 [6.0 x 1.5 x 1.06 mm]	150118 [1.5 x 11.8 mm]


Wheel Holders For: Bottero and Bystronic

	Wheel Holder Part No.	Wheel Part No. [Ø x hole bore x thickness]	Axle Part No. [Length x diameter]
	T245	RO561416 [5.6 x 1.4 x 1.06 mm]	14090 [9.0 x 1.39 mm]
	T255	RO6016 [6.22 x 1.6 x 3.05 mm]	16090 [9.0 x 1.6 mm]

Wheel Holders For: Bottero

	Wheel Holder Part No.	Wheel Part No. [Ø x hole bore x thickness]	Axle Part No. [Length x diameter]
	B50	RO5614 [5.6 x 1.4 x 1.08 mm]	14112MD [12.0 x 1.39 mm]
	B50	RO4114 [4.1 x 1.4 x 1.08 mm]	14112MD [12.0 x 1.39 mm]

Wheel Holders For: Lisec

	Wheel Holder Part No.	Wheel Part No. [Ø x hole bore x thickness]	Axle Part No. [Length x diameter]
	T45	RO5013 [5.0 x 1.3 x 1.0 mm]	13090 [9.0 x 1.29 mm]







AUTOMATED GLASS CUTTING: CHSM Metal Holder Module with Tungsten Carbide Wheel

**CSHM When
precision is
a must**

The new CSHM metal wheel holders can be used with all cutting tables that would normally use plastic clips. More precise than the plastic clips, the CSHM metal wheel holder optimizes cutting tolerance. Add to it our quality tungsten carbide wheels and you will be ensured of a perfect cut whether straight or shaped using laminated or float glass.

Plastic colored rings help to identify the cutting wheel angles. We also supply axles.

Use the CSHM metal wheel holder with these cutting tables: Bystronic, Bavelloni, Bottero, Copmes, CMS, GFP Meccanica, Lisec, MacoTec, Hegla, Tuomas, etc.

	Part No.	Glass Type / Cut Type	Glass Thickness	Color
	CSHM135	Float / Straight	3.0 mm	White
		Float / Shape	1.0 mm	
	CSHM140	Float / Straight	4.0 mm	Blue
		Float / Shape	1.0 mm	
	CSHM145	Float / Straight	3.0–6.0 mm	Black
		Float / Shape	3.0 mm	
		Laminated	3+3–10+10 mm	
	CSHM150	Float / Straight	8.0 mm	Brown
		Float / Shape	3.0–4.0 mm	
		Laminated	3+3 - 10+10 mm	
	CSHM155	Float / Straight	8.0–15.0 mm	Red
		Float / Shape	5.0–8.0 mm	
		Laminated	3+3–10+10 mm	
	CSHM160	Thick Glass / Universal	> 15.0 mm	Green and Orange

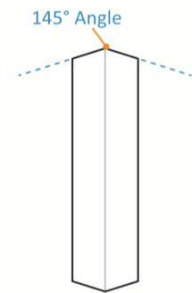
AUTOMATED GLASS CUTTING: Clip Holders with Wheels or Blades

The diamond hard metal wheels used in the CSM clips allow a precise cut in glass with maximum yield. Ideal for all types of cuts.

Available with Diamond Grind (DG) finish recommended for monolithic float glass and with Double Sharpened Grind (DSG) finish used for laminated, layered and shaped cutting.


The composition of the plastic is formulated for optimum glide and lubrication. Each plastic clip color identifies the cutting wheel angle and the corresponding glass thickness, making it easy to order the clips by color and just add the finish code (DG or DSG) as needed.

Single Sharpening Grind



CSM Series Plastic Clips

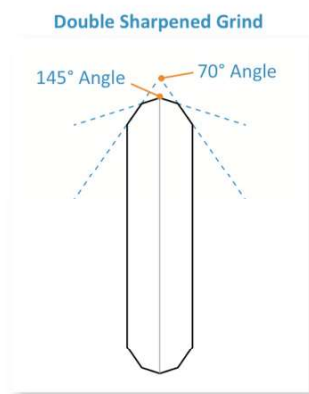
Use the CSM Plastic Clips with these cutting tables: for Bavelloni, Bottero, Bolla, CMS, GFP Meccanica, Intermac, MacoTec, Hegla and Tuomas. Sold in packs of 10, 20 or 50 pieces.





	Part No.	Finish	Glass Type / Cut Type	Glass Thickness	Color
	D-CSMANT	DG or DSG	Tempered Glass Mirror/ Used by cutting from the plastic side		Violet
	D-CSM115	DG or DSG	Float / Universal	0.8–1.5 mm	
	D-CSM118	DG or DSG	Float / Universal	1.5–2.0 mm	Yellow
	D-CSM127	DG or DSG	Float, Pirex / Universal	2.0 mm	Aqua
	D-CSM135	DG or DSG	Float / Straight	3.0 mm	White
			Float / Shaped	1.0 mm	
	D-CSM140	DG or DSG	Float / Straight	4.0 mm	Blue
			Float / Shaped	1.0 mm	
	D-CSM145	DG or DSG	Float / Straight	3.0–6.0 mm	Black
			Float / Shaped	3.0 mm	
			Laminated	3+3–10+10 mm	
	D-CSM150	DG or DSG	Float / Straight	8.0 mm	Brown
			Float / Shaped	3.0–4.0 mm	
			Laminated	3+3–10+10 mm	
	D-CSM155	DG or DSG	Float / Straight	8.0–15.0 mm	Red
			Float / Shaped	5.0–8.0 mm	
			Laminated	3+3–10+10 mm	
	D-CSM160	DSG	Thick Glass / Universal	> 15.0 mm	Green and Orange

CSDA Series Plastic Clips

The CSDA series are made with 5.6 diameter wheels with double sharpening. The standard finishes of DG or DSG guarantee optimal results for straight, shaped or laminated cuts.

Talamoni plastic clips and wheels equal convenience, quality and universal usage.







	Part No.	Finish	Glass Type / Cut Type	Glass Thickness	Color
	CS135DA	DG or DSG	Float / Straight	3.0–6.0 mm	White
			Float / Shaped	2.0 mm	
	CS145DA	DG or DSG	Float / Shaped	3.0 mm	Black
			Laminated	3+3–10+10 mm	
	CS155DA	DG or DSG	Float / Straight	8.0–12.0 mm	Red
			Float / Shaped	5.0–8.0 mm	
			Laminated	3+3–10+10 mm	
	CS160DA	DG or DSG	Thick Glass / Universal	> 15.0 mm	Green and Orange

Series C Plastic Clips

The wheels mounted on these clips have a 6.0 mm diameter and are made with a DG or DSG finish.

Series C plastic clips for use with: Bystronic, Bavelloni, Bottero, Lisec, Euromec, Otem, etc.

	Part No.	Finish	Glass Type / Cut Type	Glass Thickness	Color
	C135	DG or DSG	Float / Straight	3.0–6.0 mm	White
			Float / Shaped	2.0 mm	
	C145	DG or DSG	Float / Straight	3.0–8.0 mm	Black
			Float / Shaped	3.0 mm	
			Laminated	3+3–10+10 mm	
	C155	DG or DSG	Float / Straight	8.0–12.0 mm	Red
			Float / Shaped	5.0–8.0 mm	
			Laminated	3+3–10+10 mm	
	C160	DG or DSG	Thick Glass / Universal	> 15.0 mm	Green and Orange



Vinyl Cutting Clips

We offer two products for cutting vinyl or paper, a steel blade or special tungsten carbide wheel.

Steel Blade Models

	Part No.	Cut Type	Color
	CSLAR	Straight	Blue
	CSLAS	Shaped	Red
	CP4LAR	Straight	Metallic
	CP4LAS	Shaped	Metallic

Wheel Models

	Part No.	Cut Type	Color
	CSROVI	Straight / Shaped	Yellow
	CP4ROVI	Straight / Shaped	Metallic

Packaging

We offer organized and safe storage with cushioned and reclosable cases.

Hard Metal Cutting Wheels are sold in units of 10, 50 or 100



HOLDERS and Module are offered in units of 1 or 10 pieces.

Plastic Clips Wheel Holders are packed in boxes of 10, 20 or 50 pieces.