General Info

The creasing tools are used to create folding lines in various types of material. In the packaging market, corrugated or non corrugated cardboard is most popular but it is also possible to crease in some corrugated plastics, foam boards and thin plastics.

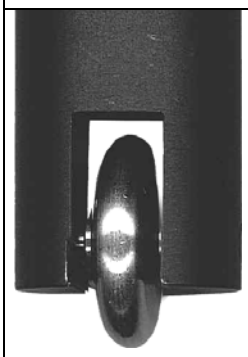
Compatibility

The creasing wheels fit into the Tangential module.

The tools are compatible with existing installations (Firmware and/or software Updates may be required).

Creasing tools

Currently, Summa offers 5 creasing tools.

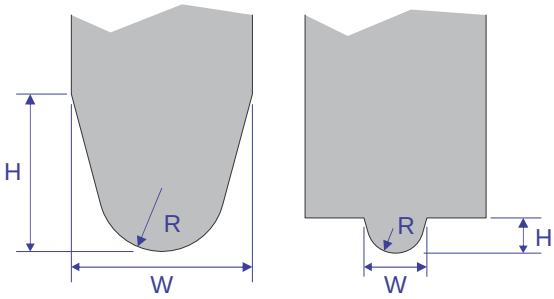
500-9325	500-9326	500-9327	500-9328	500-9329
CREASING TOOL D25 R3 W8 H7	CREASING TOOL D25 R1.5 W8 H5.5	CREASING TOOL D25 R0.75 W1.5 H1.5	CREASING TOOL D15 2PT H1.5	CREASING TOOL D15 1PT H1.5
				

Note: The tools are sold in one piece. The wheels are not available separately!

Main Specifications

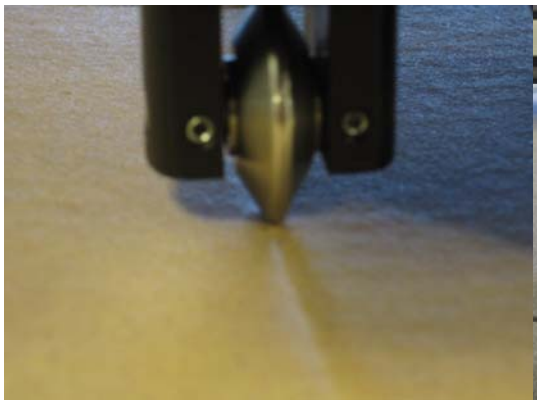
The main shape-parameters of the wheel are mentioned in the tool description.

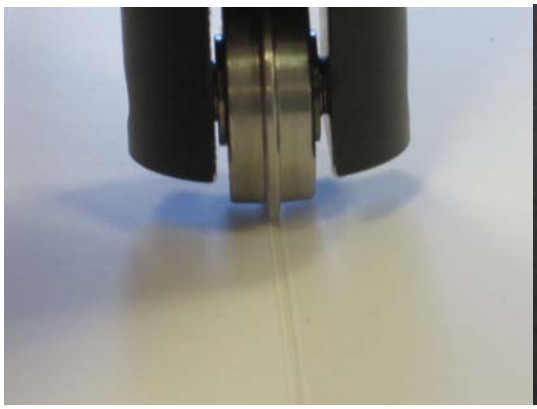
- Currently, The wheels have a diameter of 25mm (D25) or 15mm (D15)
- The other parameters indicate the cross-section shape (see image)
  - 1PT = Width (W): 0.35 mm – Radius (R): #NA
  - 2PT = Width (W): 0.7 mm – Radius (R): #NA



Applications

The creasing tools are mainly used on cardboard material. The more stump wheels, big radius (eg. 500-9325), are most suitable for corrugated materials. The more pointed wheels, small radius (eg. 500-9327), are most suitable for non-corrugated cardboard ('chipboard'). While the thinnest 1PT wheel can also be used on Polypropylene sheets.





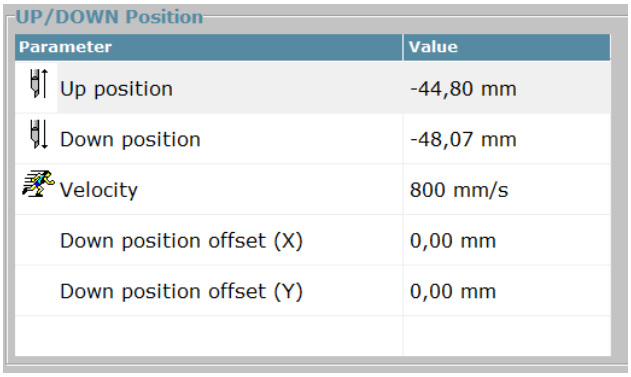

Cardboard materials	Creasing tool D25 R3 W8 (500-9325)	Creasing tool D25 R1.5 W8 (500-9326)	Creasing tool D25 R1.5 W1.5 (500-9327)	Creasing tool D15 2pt (500-9328)	Creasing tool D15 1pt (500-9329)
paper < 200gr					recommended
Cardboard 300-500 gr/m²				recommended	
Corrugated B Flute (3mm)		recommended	alternative		
Corrugated C Flute (4mm)	recommended	alternative			
Corrugated E flute (1.5mm)			recommended	alternative	

Synthetic materials					
Polypropylene sheets ≤ 1.2mm					recommended

recommended
alternative

The Summa team is continuous working on expanding the material range and will keep you informed.

Note: Down position



Setting the downposition of the creasing wheel is similar to other tools. But certain materials, like corrugated cardboard, need a different depth setting in the X and Y axis, depending on the directions of the flutes. This can then be adjusted with the down position offset parameters. Adjustment can only be done in one direction. So set first the depth with the down position parameter. Then limit the depth in one direction with the X (movement front to back) or Y (movement left to right) down position offset parameter so that the depth is correct for both X and Y axis. Only one direction will have to be corrected (the direction where the creasing wheel is set too deep).

Warranty

The tool does not fall under the 2 year warranty on the table. If you discover physical defects on receipt, Summa will replace the defective tool at no charge, provided you return the tool to be replaced within 30 days after purchase date.

Maintenance

Apart of the obvious maintenance (e.g. keeping the tool clean), no special treatments are required.