

Stuga Gripper Insert Identification

Identification aid for Stuga Machine Grippers

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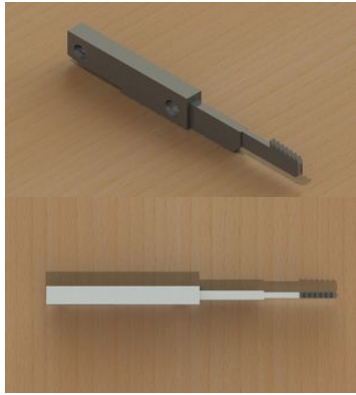
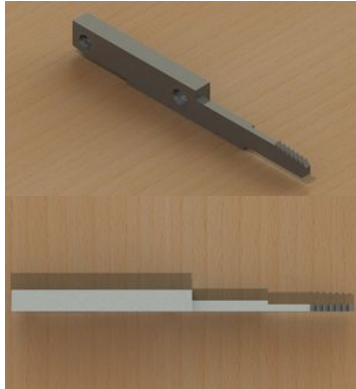
Comments

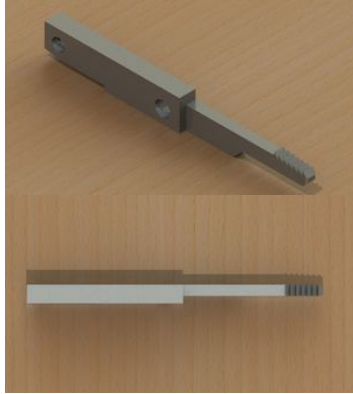
Gripper fingers(or inserts) have changed and developed over the years. This Document brings together all the history and should be considered the most up to date source. Please ignore any other out of date documentation

Flowline, ZX, Microline and Ecoline Pivot Type

The original flowline design had a pivoting gripper.

Pivot Type Grippers

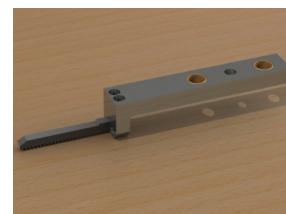
Photo	Part Number	Description	Notes
	D0006831	Grip Jaw (4mm Astra)	<p>Original Pivot Type gripper fitted to Flowlines, Ecolines and ZXs</p> <p>4mm wide at tip 6.4mm wide at step</p> <p>Later requirement was for a handed version to allow gripping closer to the backfence</p>
	D0007992	Grip jaw - ZX4 Eurocell patio	<p>Offset Gripper</p> <p>4mm wide at tip 6.4mm wide at step</p> <p>Opposite hand version for Left to Right feed machine - D0000275</p>

		<p>Grip jaw - wide offset teeth (3080)</p>	<div style="border: 1px solid red; padding: 5px; background-color: #ffe6e6;"> <p>⚠ ...Now Obsolete - Upgrade to Universal Gripper</p> </div> <p>Grip jaw - wide offset teeth (3080)</p> <p>7.6mm Wide</p>
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Flowline, ZX, Microline and Ecoline Universal


The pivot gripper limitations meant a redesign was necessary to the "Universal" Type

- Profiles were specified with multiple webs, meaning the gripper was physically too big to fit in small chambers
- Grippers needed to open higher and close to zero
- Gripper height needed to be limited
- There was a lot of confusion over handed grippers, the new design is unhande
- The addition of a removable gripper insert makes the changeover of the consumable part quick and easy




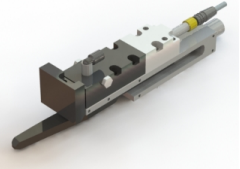

For user fitting guidance see [here](#)



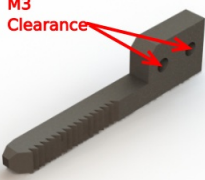
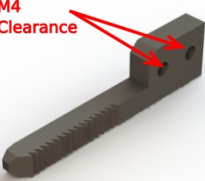
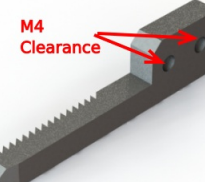
Universal Gripper and Inserts

Photo	Part Number	Description	Notes
<p style="color: red; font-weight: bold;">Image incorrect Should be shorter and teeth all along</p> 	D0001376	Gripper Insert Mk9 Ø12x73	<p>Most Common Insert used</p> <p>Length reduced in 2018 from 73mm to 60mm, reduced the flat on top</p> <p>8.5mm Gripper Height tooth to top</p>
	D0001376-ECO	Gripper inser for Ecoline	

	D0001376-M	Gripper Insert - MODUS	Version with a V cut through teeth to improve gripping. 73mm long 8.5mm Gripper Height tooth to top ...Named MODUS because it was first designed for the MODUS profile
	D0001575	Gripper Insert Mk9 Modified	Version with reduced height to fit in tight profile spaces 73mm long 6mm Gripper Height tooth to top Sometimes referred to as "Whiteline" gripper
	D0001376-Apex	Gripper Insert Mk9 (Apex)	Tapered nose end to guide inside profile 8.5mm Gripper Height tooth to top

Autoflow

Photo	Part Number	Description	Notes
	S0000124	Gripper Finger Left;Fixed-Autoflow2	<p>...Now Obsolete. Use D0010770S instead</p> <p>Originally used on Autoflow A2001 to A2004 with blue gripper arm, supplied by Sturtz</p> <p>...A2001 to A2004 are all Right to Left feed (Standard Hand) machines</p>
	S0000107	Entire gripper assembly used on A2001-A2004	
	R0010038	Grip Finger Assembly (Autoflow)	<p>...Now Obsolete Use D0010990 or D0010991 instead</p> <p>Unhanded, can be assembled to suit either hand machine. Fitted with shear pin Design idea was to stop the constant replacement of broken gripper arms. Concept was difficult to get properly reliable Changes to software sequence at end of bar and sourcing cheaper alternatives made this design unnecessary</p>

	D0010385	Grip Finger Insert	Insert used in the R0010038 assembly
	D0010384	Grip Finger Shear Pin	Sheer pin used in the R0010038 assembly
	D0010770S	Grip Finger for Autoflow M3 Sturtz Replacement (A2002-4)	Has M3 mounting holes
	D0010990	Grip Finger for Autoflow A2005+ M4 (L-R Feed)	<p>Has M4 Mounting Holes This is the only part on an Autoflow that is handed</p> <ul style="list-style-type: none"> i ...Thread damaged forced the opening of the mounting holes out to M4 on A2001 in 2021 i ...Part numbers and descriptions updated from D0010770(-OH) in SEP 24, as the original numbers AND descriptions were incorrect to machine hand
	D0010991	Grip Finger for Autoflow A2001 & A2005+ M4 (R-L Feed)	<p>Has M4 Mounting Holes This is the only part on an Autoflow that is handed</p> <ul style="list-style-type: none"> i ...Part numbers and descriptions updated from D0010770(-OH) in SEP 24, as the original numbers AND descriptions were incorrect to machine hand