

Division Glas

Information R & D

Agile 150 – Comparison Clamp carrier



Primary function	Agile 150 - 2004	Agile 150 – 2009
Construction		
Dimension	150x35x <u>30</u> (depends on glass thickness)	155x35x <u>37</u> (independent from glass thickness)
Base material	Aluminium and zinc die casting	Alloyed steel with high strength
Clamping	<p>Works by leverage – but with suboptimal distribution of leverage</p>	<p>direct clamping by grub screw and pressure plate (principle of a disk brake) → very high and constant clamping force</p>

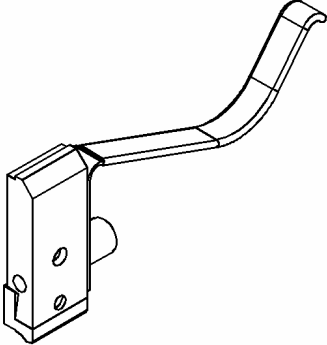
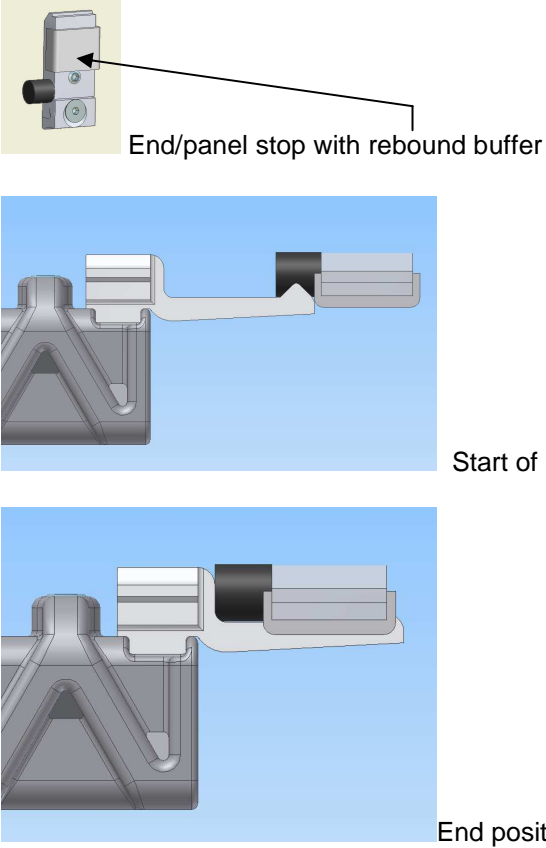
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Agile 150 – Comparison Clamp carrier



Primary function	Agile 150 - 2004	Agile 150 – 2009
Rollers	Unchanged (rollers, roller-connection and guide bar)	
Glass thickness	Different thickness of glass needs different thickness of gaskets → source of errors	8mm-13,5mm are infinitely adjustable without any further change of components (there is just one set of gaskets left – for glass protection)
Recommendation for gluing	Required for high frequented doors which have more than 110 kg	Cancelled/needless
Anti-jump mechanism	Grub screw with screw lock → in case of permanent collision it could lead to creeping self-loosening	Plastic element for smooth power transmission in case of collision and high resistance against self-loosening. End or panel stop is integrated: A hook overcomes the panel stop with rebound buffers. Significantly improved fixation in end position and reduced rebound.
End/panel stop	Flat spring without really noticeable effect	
Trackrail	unmodified	

Primary function	Agile 150 - 2004	Agile 150 – 2009
End/panel stop		 <p>End/panel stop with rebound buffer</p> <p>Start of “passing over”</p> <p>End position</p> <p>Installation as known → Flat spring dispensed → Rebound buffer is new</p>
Reliability against misuse	less	sehr hoch

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Primary function	Agile 150 - 2004	Agile 150 – 2009
Glass which can be used	unchanged	
Floor guide	AGILE floor guide with turn able plastic for 8, 10, 12 and 13,5mm glass	Infinitely adjustable AGILE floor guide (regarding glass thickness), installation also possible when panel is already placed in track rail – floor guide is made of two parts