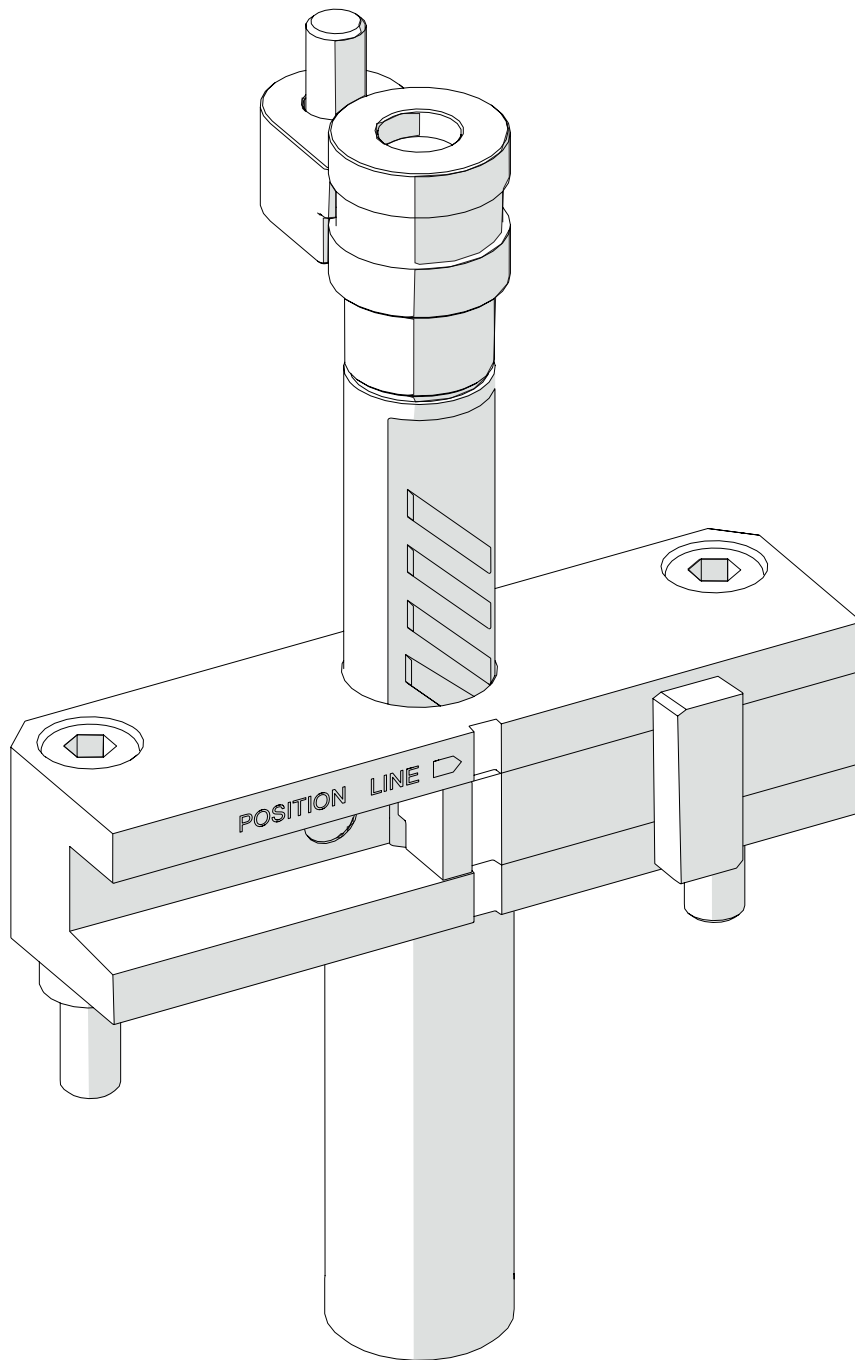


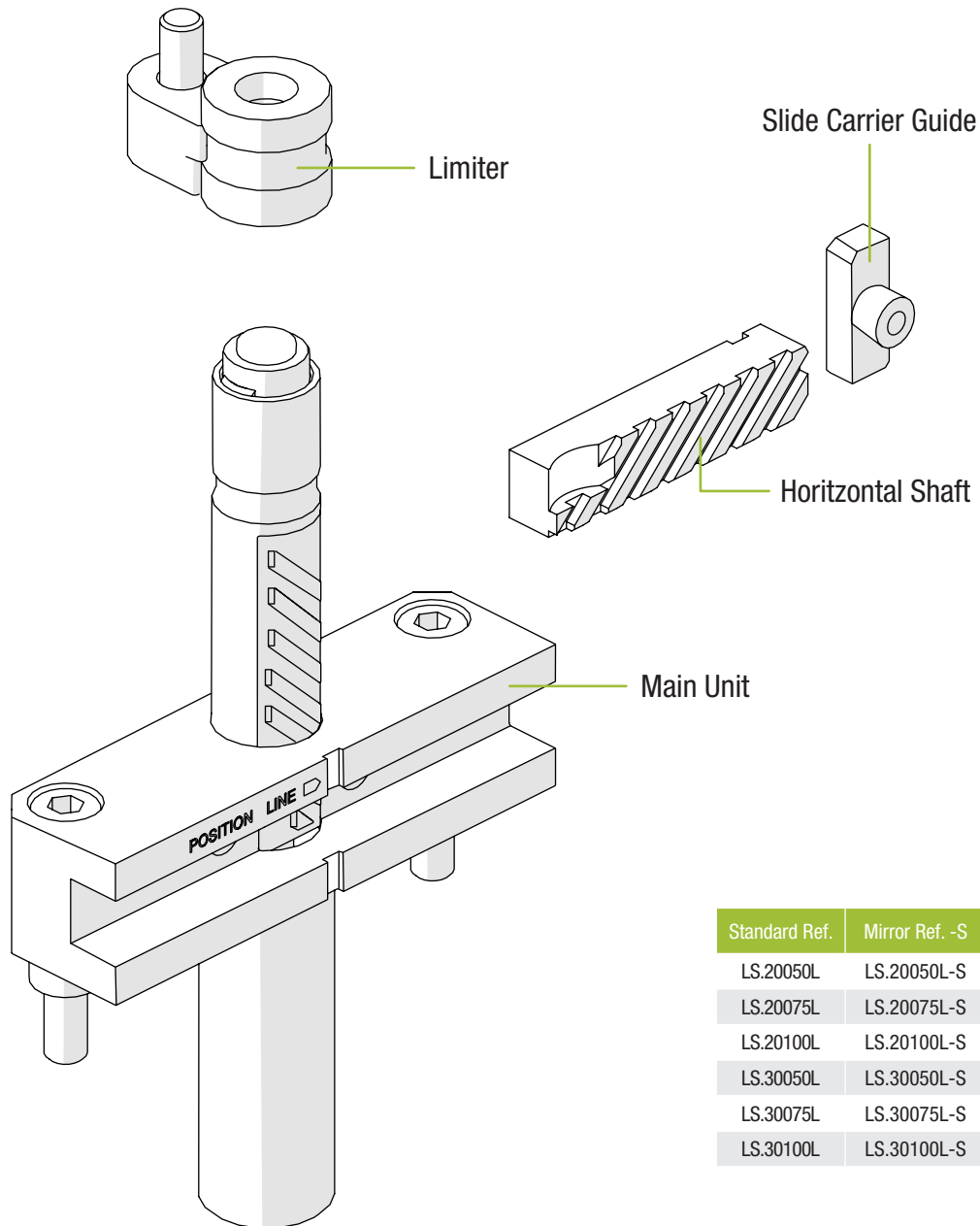
PRODUCT
INSTRUCTIONS

LS_LONG STROKE FOR SLIDES

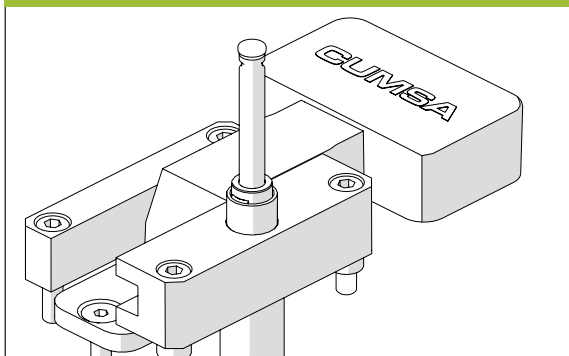


CUMSA
INNOVATIVE SOLUTIONS
FOR YOUR MOLDS

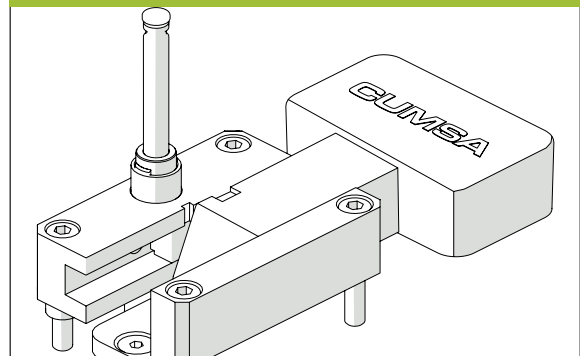
WHAT'S INCLUDED IN THE PACKAGE



Standard Reference

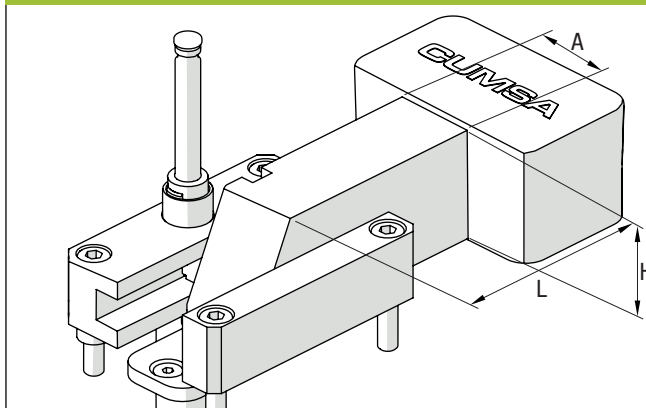


Mirror Reference



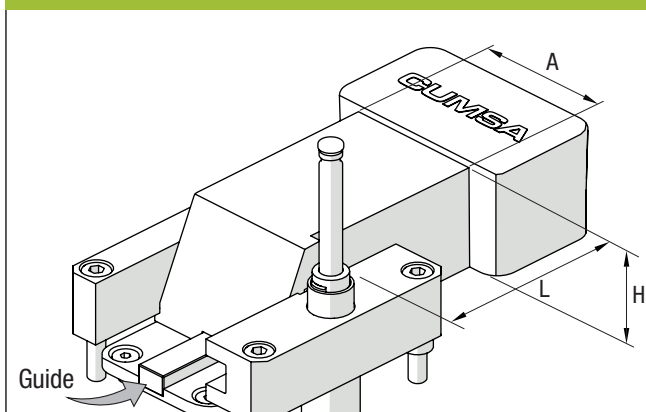
LS_MAXIMUM SLIDE RECOMMENDATIONS

1 Unit $A < 1.5 \times L$

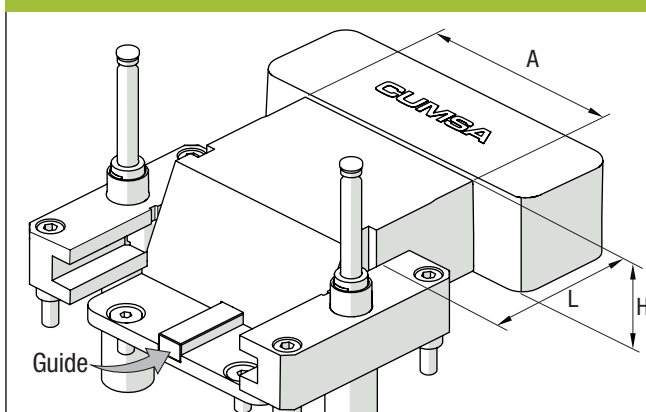


Ref.	Recommended*	
	L Max.	H Max.
LS.20050L	85 mm.	
LS.20075L	120 mm.	75 mm.
LS.20100L	152 mm.	
LS.30050L	101 mm.	
LS.30075L	136 mm.	120 mm.
LS.30100L	170 mm.	

1 Unit + Guide $1.5 \times L < A < 2 \times L$



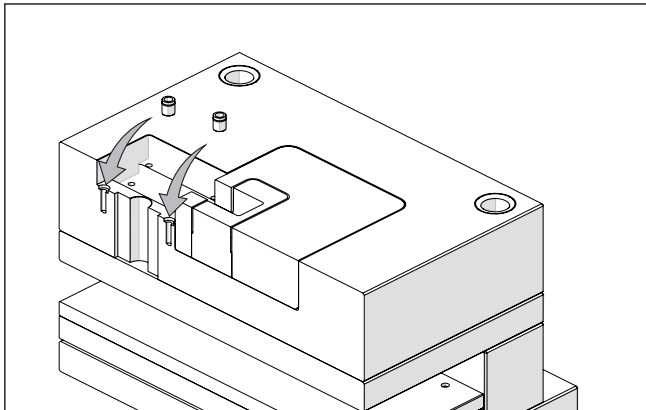
2 Units + Guide $A > 2 \times L$



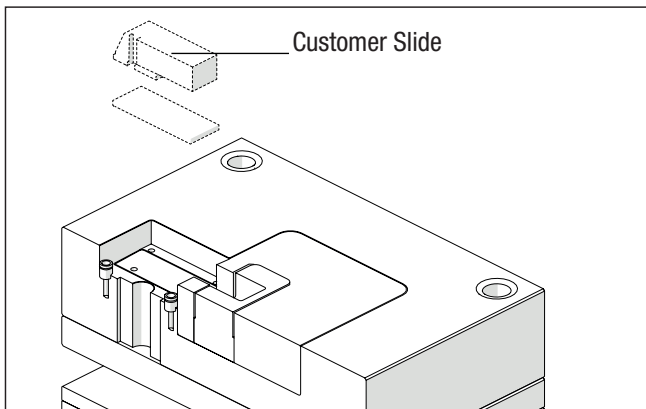
* For Slides bigger than the maximum recommended, please consult at technical@cumsa.com

LS_CORE INSTALLATION

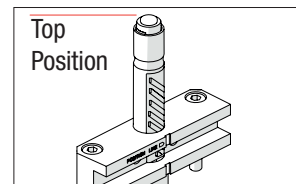
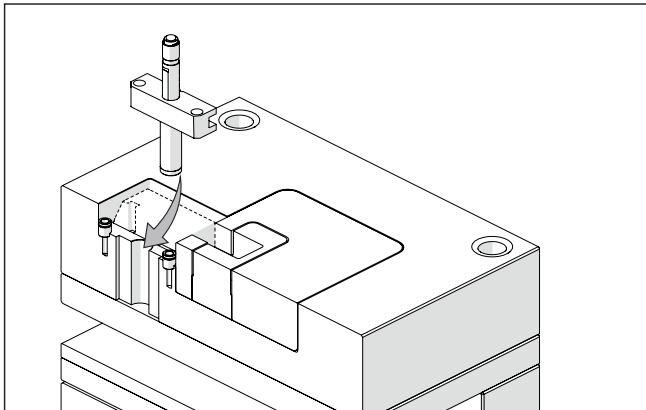
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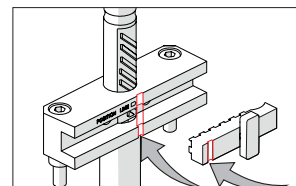
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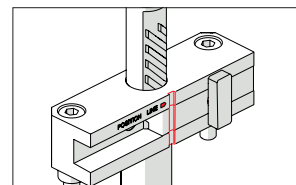
3



3.1



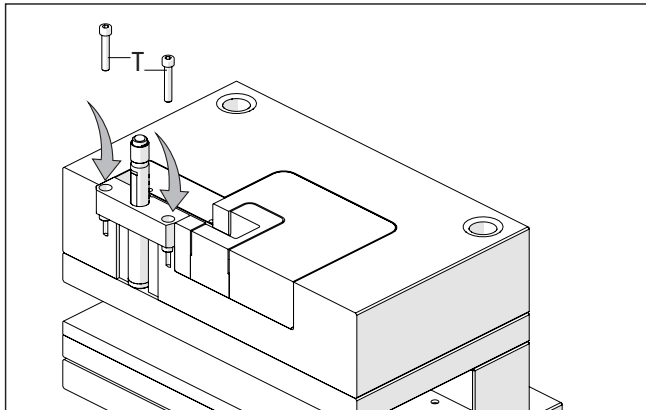
3.2



3.3

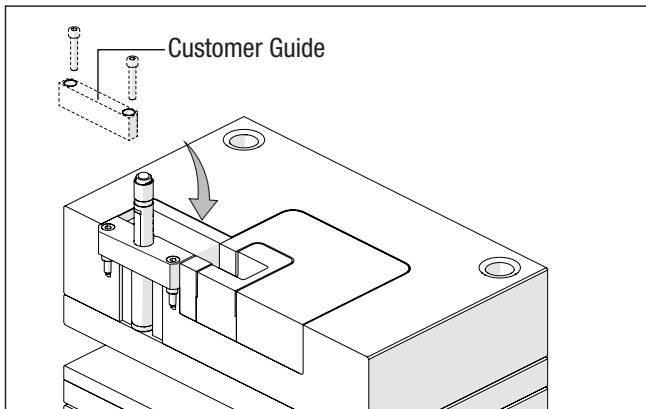
LS_CORE INSTALLATION

4

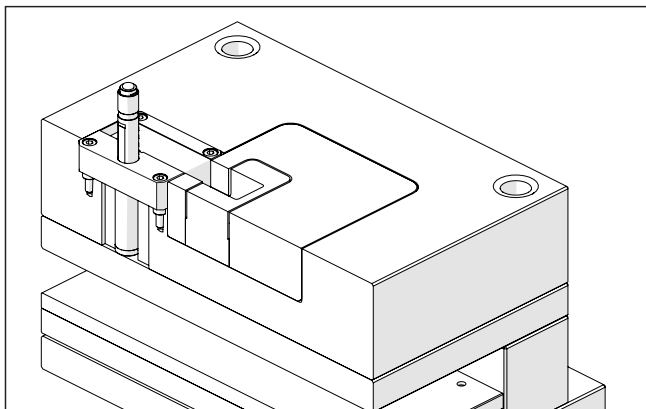


Ref.	T	Max. Torque
LS.20xxxx	M8	25 Nm
LS.30xxxx	M12	92 Nm

5

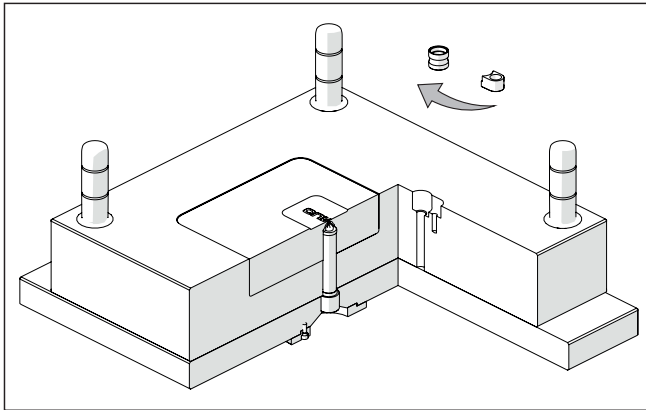


6

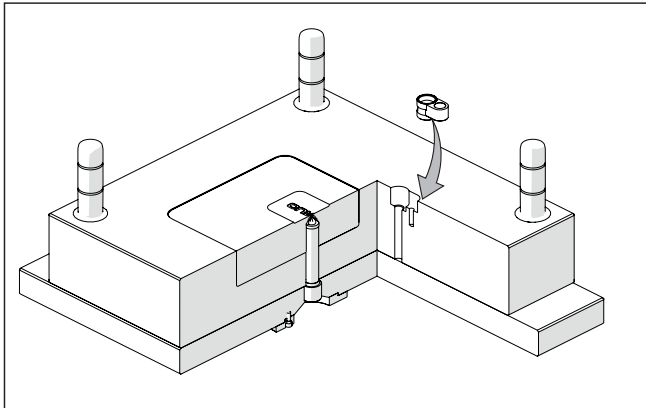


LS_CAVITY INSTALLATION

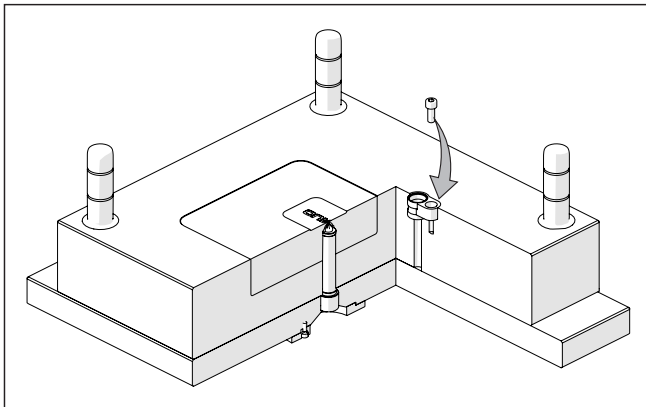
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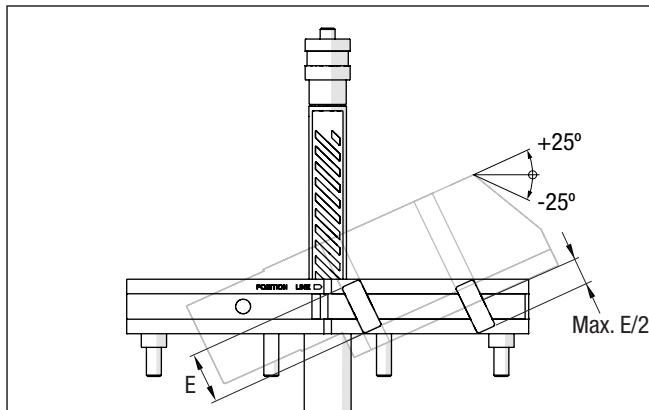
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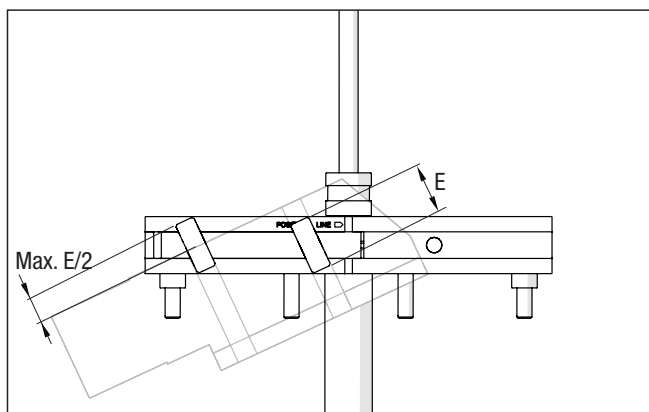
9



LS_ANGLE INSTALLATION OPTIONS

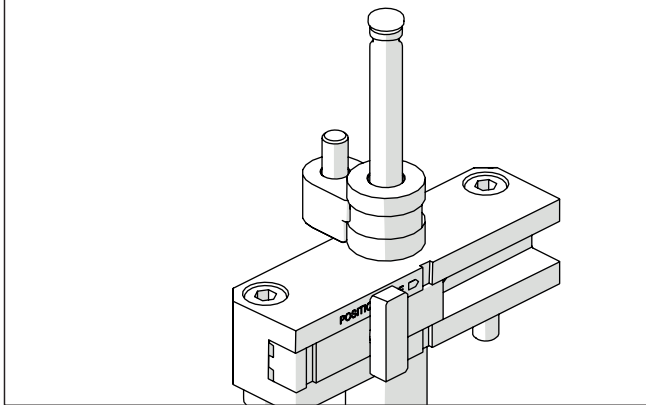


Ref.	E
LS.20xxxx	30
LS.30xxxx	48

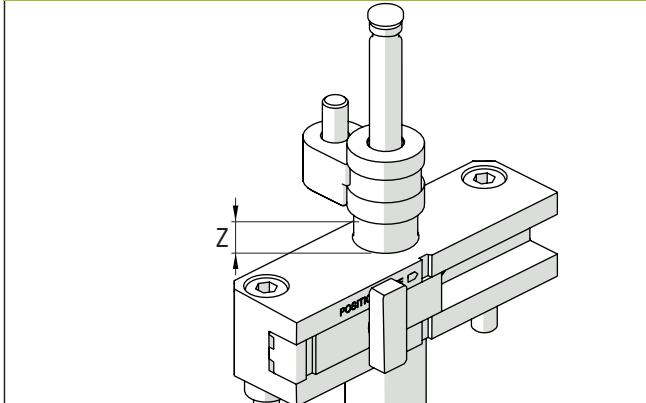


LS_ IMPORTANT MOVEMENT CONSIDERATIONS

Mold Closed

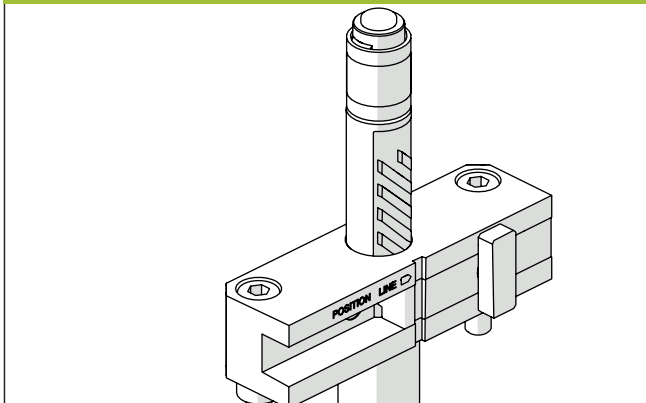


Mold Opening without slide movement



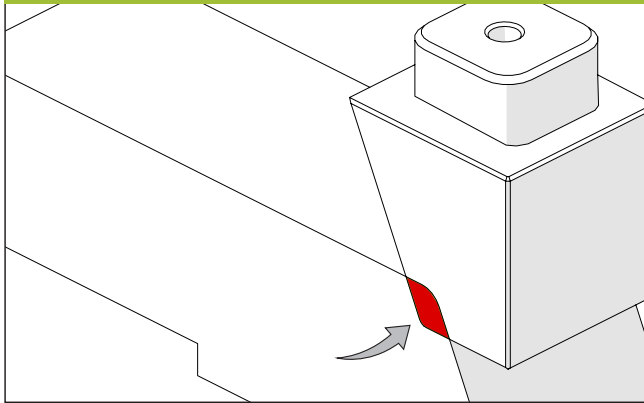
Ref.	Z
LS.20xxx	10.7 mm
LS.30xxx	12.7 mm

Mold Open



LS_ KEY POINTS TO KEEP IN MIND

Check heel unit and slide angles to avoid interferences



Before the LS starts to operate, the mold guide pins must be inserted at least 10mm

