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Non-Circular Forgings Tight Tolerance Calculator Grade E			
Blocks shown as light blue are editable			
Mass forging $m_f$ =	200.00	g	
Forging max. length =	77.950	mm	
Forging max. thickness =	50.700	mm	
Forging max. height =	23.000	mm	
enveloping shape length l =	77.950	mm	
enveloping shape thickness b =	50.700	mm	
enveloping shape height h =	27.550	mm	
Volume enveloping shape v =	108879.39	mm <sup>3</sup>	
enveloping shape density $\rho$ =	0.00785	g/mm <sup>3</sup>	
mass enveloping shape $m_{es}$ =	854.703	g	
Category of steel used =	M1	▼	-
Shape of die line =	Straight	▼	-
Results			
Shape complexity factor S =	0.234	-	
shape complexity factor category =	S3	-	
Tolerance		+	-
Length tolerance =	+0.7	-0.4	mm
Width tolerance =	+0.7	-0.4	mm
height tolerance =	+0.7	-0.3	mm