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Non-Circular Steel Die Forgings Tolerance Calculator Grade F			
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^3	
enveloping shape density ρ =	0.00785	g/mm^3	
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 =	+1.1	-0.5	mm
Width tolerance =	+1.1	-0.5	mm
height tolerance =	+0.9	-0.5	mm