

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. diameter d =	23.000	mm	
enveloping shape length h =	78.000	mm	
Volume enveloping shape v =	415.48	mm ³	
enveloping shape density ρ =	0.00785	g/mm ³	
mass enveloping shape m_{es} =	254.396	g	
Category of steel used =	M1	▼	-
Shape of die line =	Straight	▼	-
Results			
Shape complexity factor S =	0.786	-	
shape complexity factor category =	S1	-	
Tolerance			
	+	-	
Length tolerance =	+0.8	-0.4	mm
diameter tolerance =	+0.7	-0.4	mm