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Ref: 9900-I-M3FSI6

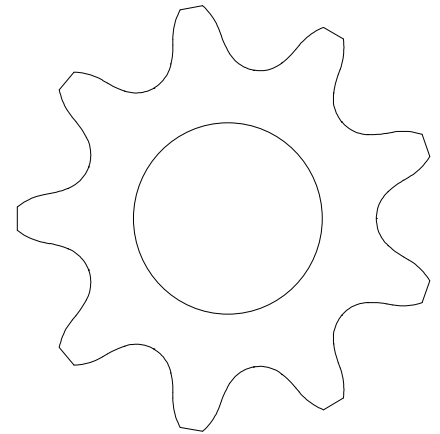
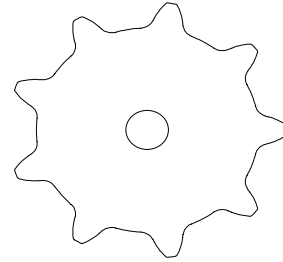
# FastSHAPES® - SprocketPLUS 32Bit

## TYPICAL APPLICATIONS

Roller Chain Power Transmission generally.  
Drag Chain Conveyor drives  
Bucket Elevator drives

## TECHNICAL DESCRIPTION

Roller chain sprockets comply with ...  
ANSI B29.1 Types I & II  
ANSI B29.15 Style I  
Other national standards at user request  
Two user-specified setouts, being Types A and B  
A : straight-sided tooth  
B : straight-sided tooth plus topping clearance, both of which may be specified parametrically, or in terms of fixed dimensions.

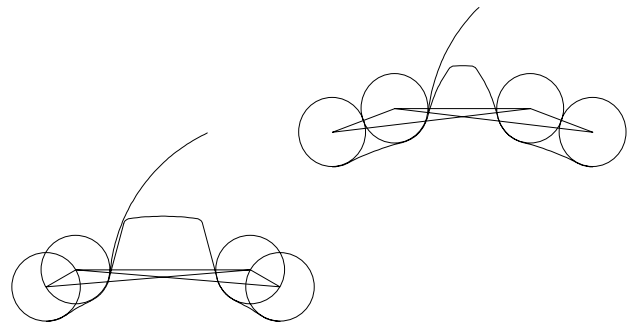


## DATA REQUIREMENTS

For Standard Specifications ....  
Material, Thickness, Chain Roller Diameter, Chain Pitch  
Number of Teeth, Tooth Height, Bore Diameter (optional)  
Plus, for User-Specified Types A and B ...  
Roller Seating Diameter, Pressure angle  
For Type B only, ....  
clearance curve (topping) radius, and centre location, PitchLine clearance,  
Tooth top corner relief radius, Tooth height (clipping) data

## OUTPUT

Patterns in any of the following forms ...  
FastCAM file  
2D DXF file  
NC Program  
Costing Data, including Mass & Length of Cut



## PROGRAM REFERENCE

M3FSI6 : SPROCKET PLUS

## OTHER REFERENCES

M3FSI : SPROCKET (Confined to Standard Specification sprocket designs)

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