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Ref: 9900-I-M3FS2

# FastSHAPES® - RandP 32Bit

## TYPICAL APPLICATIONS

Spur Geared Power Transmission  
Linear (Rack and Pinion) drives (e.g. conveyor shuttles)

## TECHNICAL DESCRIPTION

Involute Spur Rack and Pinion.  
Comply with AS 2938, covering ...  
14.5 degree full teeth  
20 degree full teeth  
20 degree stub teeth  
A pinion sector is optional.

## DATA REQUIREMENTS

Select pressure angle, tooth height  
Pitch Circle Diameter  
Number of Teeth in a complete gear  
Number of Teeth in gear sector (optional)  
Bore Diameter (optional)  
Number of Teeth in Rack (optional)  
Rack Depth (optional)  
Material & thickness

## OUTPUT

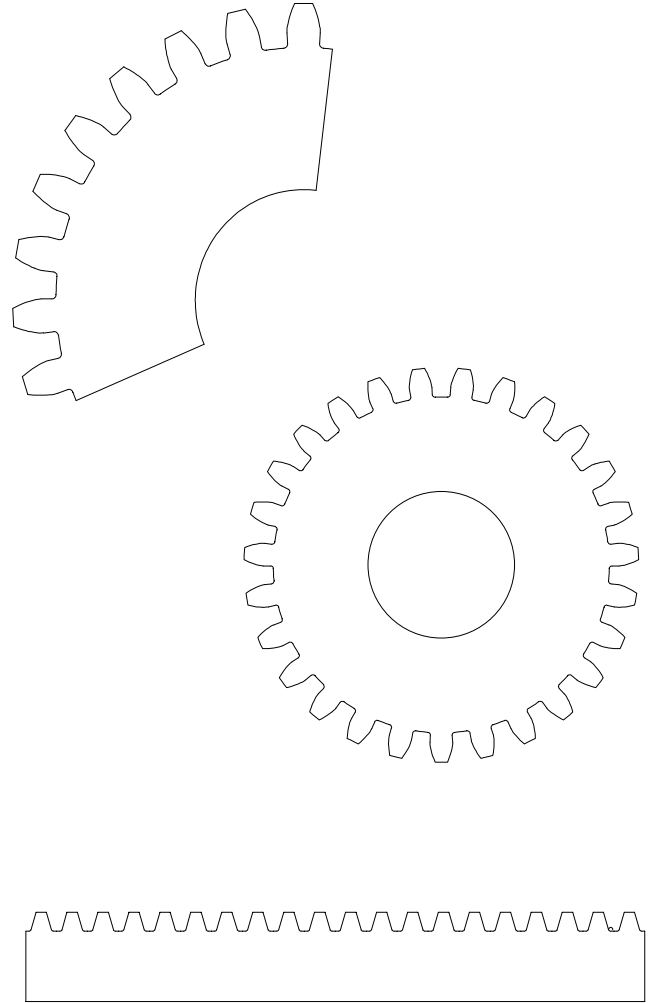
Patterns in any of the following forms ...  
FastCAM file  
2D DXF file  
NC Program  
Costing Data, including Mass & Length of Cut

## PROGRAM REFERENCE

M3FS3 : RandP

## OTHER REFERENCES

M3FS4 : INVINT (Internal Involute gears)



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