

## Design data for the calculation of plastic spindle nuts

Company:	Address:
Contact person:	
Phone number:	
E-mail:	

1. Average pitch diameter	$d_m$	=	mm
2. Screw thread root diameter	$d_F$	=	mm
3. Screw thread $(d_F - d_K)/2$ (basic depth of thread)	$t$	=	mm
4. Thread pitch lead	$h$	=	mm
5. Width thread foot	$S_F$	=	mm
6. Height of nut	$l$	=	mm
7. Number of threads	$z$	=	
8. Length of stroke	$s$	=	mm
9. Number of strokes	$n$	=	1/min
10. Axial force	$F_A$	=	N
11. Required service life			hrs.
12. Type of lubrication or greasing	dry operation		
	single lubrication during assembly		
	spray lubrication		
13. Type of combination	plastic/plastic		
	metal/plastic		
14. Type of style	totally open, unsealed		
	partially open, unsealed		
15. Ambient temperature			°C
16. Operating stress	continuous use		intermittent use
	operating factor	=	%
17. Surface character of the spindle	hardened		
	ground		
18. Special conditions			

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