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Class of fit		RC 4		LC 6		FN 5	
Hole		Nominal size	0.75				
	±	Limit	+ 0.0012	±		±	
	=	Upper limit	0.7512	=		=	
		Nominal size	0.75				
	±	Limit	0	±		±	
	=	Lower limit	0.75	=		=	
Shaft		Nominal size	0.75				
	±	Limit	- 0.0008	±		±	
	=	Upper limit	0.7492	=		=	
		Nominal size	0.75				
	±	Limit	- 0.0016	±		±	
	=	Lower limit	0.7484	=		=	
Limits of fit		Smallest hole	0.75				
	-	Largest shaft	0.7492	-		-	
	=	Tightest fit	0.0008	=		=	
		Largest hole	0.7512				
	-	Smallest shaft	0.7484	-		-	
	=	Loosest fit	0.0028	=		=	

← 0.7492
0.7484 →

METRIC EXAMPLE

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APPENDIX 9, FIG 9.59, 9.66

- GIVEN • SHAFT
• HOLE
• HOLE BASIS SYSTEM
• CLEARANCE FIT
• BASIC DIAMETER = 41 mm (HOLE)

FIG 9.59 41 mm NOT IN TABLE
40 mm is 1ST CHOICE

FIG 9.66 ASSIGN H7/g6 FIT

FOR HOLE: APP 9 pg A-9 (HOLE BASIS METRIC)

LIMITS 40.025^x, 40.000^x

NOTE: READ THESE TABLES DIFFERENTLY

FOR SHAFT: LIMITS: 39.991^x, 39.975^x

LOOSEST FIT: $40.025 - 39.975 = 0.050$ mm

TIGHTEST FIT: $40.000 - 39.991 = 0.009$ mm