

eg 11

Nominal Size = 9/16"  
 Allowance = .0006  
 Shaft Tolerance = .0009  
 Hole Tolerance = .0010

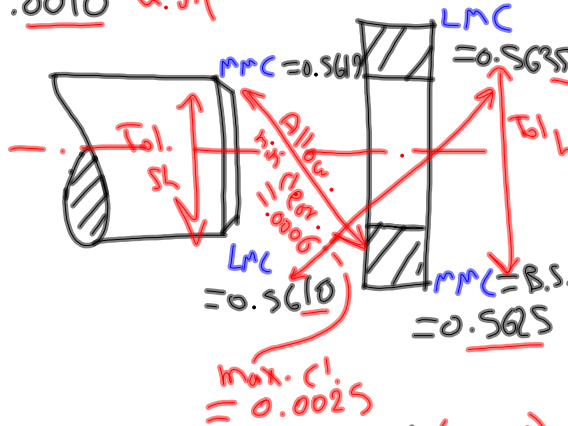
Units: US (in) ~~.56250~~

B.S. =  $\frac{9}{16} = 0.5625$   
~~.563~~

Tol<sub>sh</sub> = .0009 u.d.p.

Tol<sub>h</sub> = .0010 u.d.p.

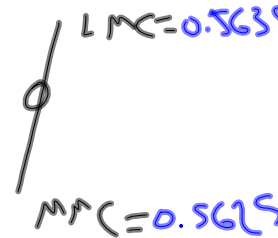
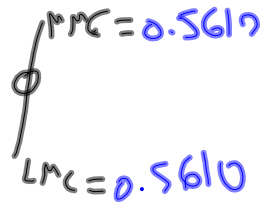
Basic Hole  
 Allow. = .0006



Clearance limits :  $\begin{cases} .0006 \text{ (MMC)} \\ .0025 \text{ (LMC)} \end{cases}$

shaft

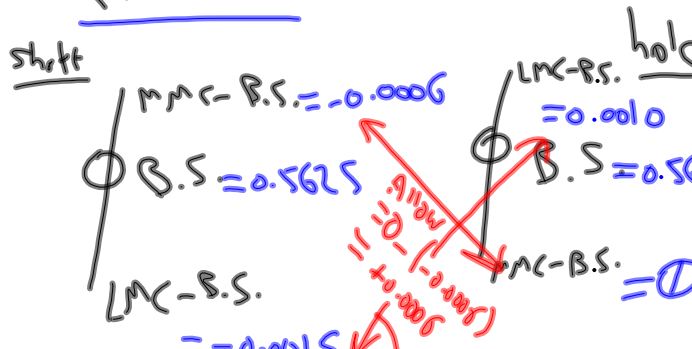
hole



Stacked Limits Form

Notation

Referenced to B.S. Form

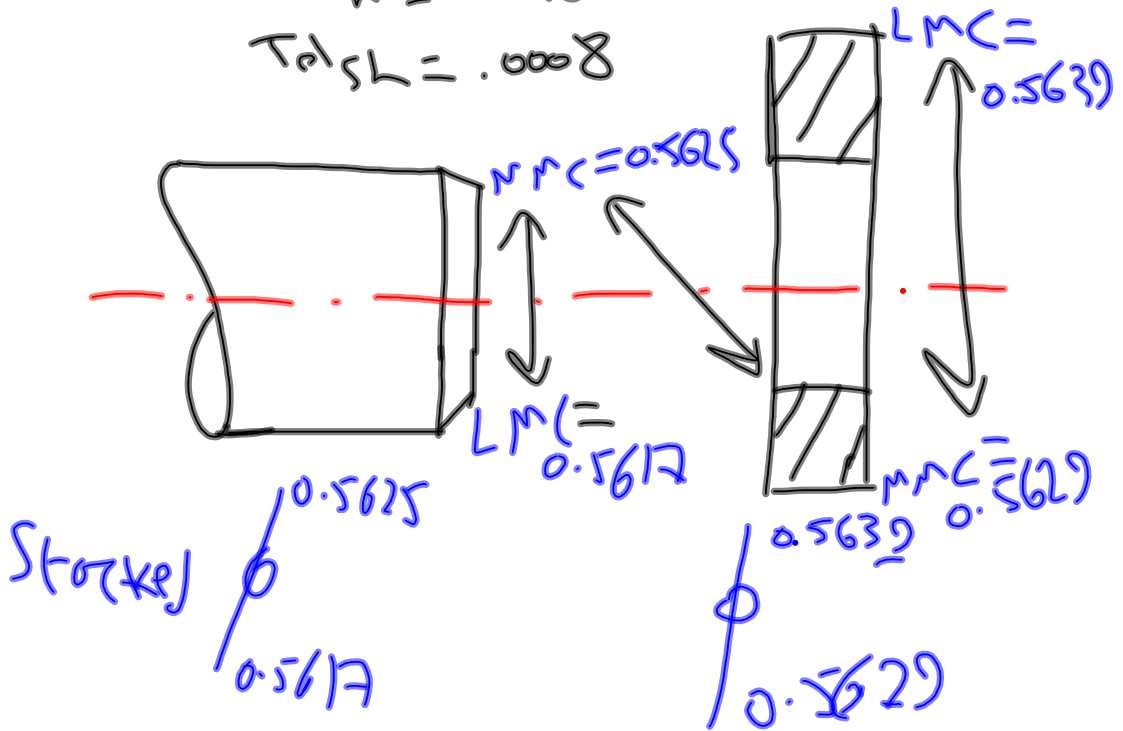


eg ⑤ Given: Unit: US (in.)

Basic Shaft

Nominal Size = 9/16"  
 Allowance = .0004  
 Shaft Tolerance = .0008  
 Hole Tolerance = .0010

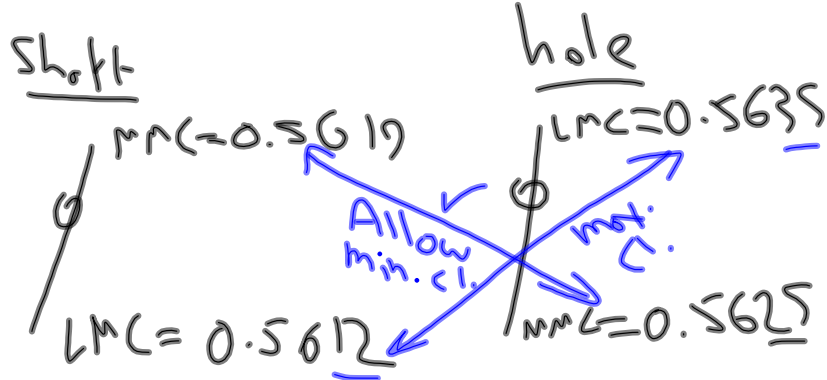
R.S. = 0.5625  
 Allow = .0004  
 Tol<sub>h</sub> = .0010  
 Tol<sub>s</sub> = .0008



Referencal  $\text{Ø} \begin{matrix} \text{B.S.} = 0.5625 \\ -0.0008 \end{matrix}$   $\text{Ø} \begin{matrix} \text{B.S.} = 0.5625 \\ 0.0004 \end{matrix}$

Clearance =  $\begin{cases} .0004 \\ .0022 \end{cases}$

eg (4) Units: US (in.)  
Fit: RCH  
B.S = 0.5625



RC table: RCH  $\phi$ 0.5625  
 $\phi$ 0.5625 RCH

RCH

CI.	ho.	sh.
0.6	+1.0	-0.6
2.3	$\emptyset$	-1.3

min c.i. (Allow.)  
 max. c.i.

Referenced

$\phi$  0.5625  
-0.0013

shaft

+0.0010  
 $\phi$  0.5625  
 $\emptyset$

hole