



## EXAMPLE 2 (DIMENSIONS OVER 30 IN. OR 750 mm)

				Plus	Minus	
INCH	<b>Tolerance on Length Dimension</b>					
	Length x Length/Width Tolerance factor	=	31 x .003	=	0.093	0.093
	Length x Die Wear Tolerance constant (Table I, page 9)		.15	=	.15	----
					+0.243	-0.093
	Raised to the next highest .01 in.			+ .25	-0.1	
METRIC	<b>Tolerance on Length Dimension</b>					
	Length (mm) x Length/Width Tolerance factor	=	787.4 x .003	=	2.362	2.362
	Length (mm) x Die Wear Tolerance constant (Table I, page 9)	=	3.81	=	3.81	----
					+6.172	-2.362
	Raised to the next highest .1 mm			+6.2	-2.4	

EXAMPLE 3  
(SEE FIGURE 2)

				Plus	Minus	
INCH	<b>Tolerance on Width Dimension</b>					
	Width x Length/Width Tolerance factor	=	3 x .003	=	0.009	0.009
	Greatest Length x Die Wear Tolerance factor (Table I, page 9)	=	11 x .005	=	0.055	----
					+0.064	-0.009
	Raised to the next highest .01 in.			+0.07	-0.01	
	Minimum Tolerance (paragraph 2, page 8)				-0.03	
METRIC	<b>Tolerance on Width Dimension</b>					
	Width (mm) x Length/Width Tolerance factor	=	76.2 x .003	=	0.229	0.229
	Greatest Length (mm) x Die Wear Tolerance factor (Table I, page 9)	=	279.4 x .005	=	1.397	----
					+1.626	-0.229
	Raised to the next highest .1 mm			+1.7	-0.3	
	Minimum Tolerance (paragraph 2, page 8)				-.8	

EXAMPLE 4  
(SEE FIGURE 2)

				Plus	Minus	
INCH	<b>Tolerance on Center-to-Center Dimension</b>					
	Dimension x Length/Width Tolerance factor	=	6 x .003	=	0.018	0.018
	Raised to the next highest .01 in.				+0.02	-0.02
	Minimum Tolerance (paragraph 2, page 8)			+0.03	-0.03	
METRIC	<b>Tolerance on Center-to-Center Dimension</b>					
	Dimension (mm) x Length/Width Tolerance factor	=	152.4 x .003	=	0.457	0.457
	Raised to the next highest .1 mm				+0.5	-0.5
	Minimum Tolerance (paragraph 2, page 8)			+0.8	-0.8	