



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

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

EXAMPLE 3
(SEE FIGURE 2)

	Tolerance on Width Dimension		Plus	Minus
INCH	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	= <u>0.055</u>	----
			+0.064	-0.009
	Raised to the next highest .01 in.		+0.07	-0.01
	Minimum Tolerance (paragraph 2, page 8)			-0.03
METRIC	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	= <u>1.397</u>	----
			+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)

	Tolerance on Center-to-Center Dimension		Plus	Minus
INCH	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	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