#BMP=C:\PCDMISWnew\bns3.bmp

DATE=1/20/2014 TIME=3:14:49 PM
PART NAME : HMT_5496_SU36072_round 2 number 14 LF
REV NUMBER :
SER NUMBER :
STATS COUNT : 1

MM	DIM LOC101= LOCATION OF CYLINDER CYL_B					
AX	NOMINAL	MEAS	+TOL	-TOL	DEV	
X	0.000	0.000	0.250	0.250	0.000	
Y	0.000	0.000	0.250	0.250	0.000	
Z	0.000	0.000	0.250	0.250	0.000	
D	15.085	15.082	0.015	0.015	-0.003	

MM	DIM STRA1= STRAIGHTNESS OF CYLINDER CYL_B					
AX	NOMINAL	MEAS	+TOL	-TOL	DEV	
M	0.000	0.000	0.020	0.000	0.000	

MM	DIM PERP1= PERPEND OF CYLINDER CYL_B TO PLANE PLN_A EXTEND=0.000					
AX	NOMINAL	MEAS	+TOL	-TOL	DEV	
M	0.000	0.010	0.200	0.000	0.010	

MM	DIM FLAT1= FLATNESS OF PLANE PLN_A					
AX	NOMINAL	MEAS	+TOL	-TOL	DEV	
M	0.000	0.005	0.050	0.000	0.005	

MM	DIM LOC102= LOCATION OF CYLINDER CYL_C					
AX	NOMINAL	MEAS	+TOL	-TOL	DEV	
X	0.000	0.147	0.250	0.250	0.147	
Z	-40.000	-40.060	0.250	0.250	-0.060	
D	5.000	5.073	0.200	0.200	0.073	

MM	DIM LOC103= LOCATION OF CIRCLE CIR_Ø38PT8MM					
AX	NOMINAL	MEAS	+TOL	-TOL	DEV	
X	77.500	77.412	0.250	0.250	-0.088	
Y	12.000	12.090	0.250	0.250	0.090	
Z	-92.440	-92.460	0.250	0.250	-0.020	
D	38.800	38.693	0.250	0.250	-0.107	

MM	DIM LOC104= LOCATION OF PLANE PLN7					
AX	NOMINAL	MEAS	+TOL	-TOL	DEV	
Y	-5.000	-4.942	0.100	0.100	0.058	

MM	DIM LOC105= LOCATION OF PLANE PLN5					
AX	NOMINAL	MEAS	+TOL	-TOL	DEV	
X	12.000	12.035	0.125	0.125	0.035	

MM	DIM LOC106= LOCATION OF PLANE PLN6					
AX	NOMINAL	MEAS	+TOL	-TOL	DEV	
X	-17.700	-17.754	0.100	0.100	-0.054	

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MM	DIM LOC108= LOCATION OF CIRCLE CIR_Ø47PT00MM					
AX	NOMINAL	MEAS	+TOL	-TOL	DEV	
X	77.500	77.503	0.250	0.250	0.003	
Y	12.000	12.017	0.250	0.250	0.017	
Z	-92.440	-92.461	0.250	0.250	-0.021	
D	47.000	46.938	0.250	0.250	-0.062	

MM	DIM LOC107= LOCATION OF POINT PNT_5					
AX	NOMINAL	MEAS	+TOL	-TOL	DEV	
Z	19.000	18.959	0.000	0.200	-0.041	

MM	DIM LOC303= LOCATION OF PLANE PLN1					
AX	NOMINAL	MEAS	+TOL	-TOL	DEV	
Z	-52.440	-52.384	0.100	0.100	0.056	

MM	DIM LOC304= LOCATION OF PLANE PLN2					
AX	NOMINAL	MEAS	+TOL	-TOL	DEV	
Z	-52.440	-52.414	0.100	0.100	0.026	

MM	DIM LOC115= LOCATION OF POINT PNT_6					
AX	NOMINAL	MEAS	+TOL	-TOL	DEV	
Z	-61.060	-61.020	0.100	0.100	0.040	

MM	DIM LOC116= LOCATION OF POINT PNT_7					
AX	NOMINAL	MEAS	+TOL	-TOL	DEV	
Z	-61.060	-61.011	0.100	0.100	0.049	

// MM	DIM PARL1= PARALLEL OF PLANE PLN1,RFS TO PLANE PLN_A,RFS EXTEND=0.000					
AX	NOMINAL	MEAS	+TOL	-TOL	DEV	
M	0.000	0.021	0.100	0.000	0.021	

// MM	DIM PARL2= PARALLEL OF PLANE PLN2,RFS TO PLANE PLN_A,RFS EXTEND=0.000					
AX	NOMINAL	MEAS	+TOL	-TOL	DEV	
M	0.000	0.008	0.100	0.000	0.008	

MM	DIM LOC111= LOCATION OF PLANE PLN3					
AX	NOMINAL	MEAS	+TOL	-TOL	DEV	
Y	19.400	19.328	0.100	0.100	-0.072	

MM	DIM LOC112= LOCATION OF PLANE PLN4					
AX	NOMINAL	MEAS	+TOL	-TOL	DEV	
Y	-19.400	-19.357	0.100	0.100	0.043	

MM	DIM DIST1= 2D DISTANCE FROM PLANE PLN3 TO PLANE PLN4 (CENTER TO CENTER)					
AX	NOMINAL	MEAS	+TOL	-TOL	DEV	
M	38.800	38.686	0.100	0.100	-0.114	

MM	DIM LOC113= LOCATION OF PLANE PLN8					
AX	NOMINAL	MEAS	+TOL	-TOL	DEV	
Z	20.250	20.331	0.100	0.100	0.080	

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MM	DIM LOC114= LOCATION OF PLANE PLN9					
AX	NOMINAL	MEAS	+TOL	-TOL	DEV	
Z	32.750	32.769	0.100	0.100	0.019	

MM	DIM DIST2= 2D DISTANCE FROM PLANE PLN8 TO PLANE PLN9 (CENTER TO CENTER)					
AX	NOMINAL	MEAS	+TOL	-TOL	DEV	
M	12.500	12.477	0.250	0.250	-0.023	

DEG	DIM ANGL2= 2D ANGLE (TRUE) FROM LINE LIN3 TO YAXIS					
AX	NOMINAL	MEAS	+TOL	-TOL	DEV	
A	40.000	39.980	0.500	0.500	-0.020	

DEG	DIM ANGL1= 2D ANGLE (TRUE) FROM LINE LIN2 TO ZAXIS					
AX	NOMINAL	MEAS	+TOL	-TOL	DEV	
A	-30.000	-29.993	0.500	0.500	0.007	

MM	DIM LOC117= TRUE POSITION OF CYLINDER CYL_B USE AXIS=AVERAGE							
AX	NOMINAL	MEAS	+TOL	-TOL	BONUS	DEV	DEVANG	
X	0.000	0.000				0.000		
Y	0.000	0.000				0.000		
DF	15.085	15.082	0.015	0.015	0.012	-0.003		
TP	MMC		0.800		0.012	0.000	0.000	

MM	DIM LOC118= TRUE POSITION OF CYLINDER CYL_C USE AXIS=AVERAGE							
AX	NOMINAL	MEAS	+TOL	-TOL	BONUS	DEV	DEVANG	
X	0.000	0.147				0.147		
Z	-40.000	-40.060				-0.060		
DF	5.000	5.073	0.200	0.200	0.127	0.073		
TP	MMC		0.200		0.127	0.317	-157.648	

END OF MEASUREMENT FOR

PN=HMT_5496_SU36072_round 2 number 14 LF DWG= SN=

TOTAL # OF MEAS =40 # OUT OF TOL =2 # OF HOURS =00:02:22