



GENERAL NOTES

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1) DO NOT SCALE THIS DRAWING 2) UNLESS OTHERWISE STATED: a. ALL DIMENSIONING AND TOLERANCING IS IN INCHES PER ASME Y14.5-2009 b. BREAK ALL SHARP CORNERS AND SHARP EDGES R .010 MAXIMUM c. MACHINED SURFACE FINISHES SHALL BE 125 MICROINCH OR BETTER d. TAP DRILL DEPTHS SHOWN ARE MAXIMUM

- e. FULL THREAD DEPTHS SHOWN ARE MINIMUM
- f. CHAMFER ALL TAPED HOLES TO (NOMINAL DIA + 1/16) x 90°

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3				1/4" H
2				O2 S
1		IIIH-ETP32-B		EXHAL
1		IIIH-ETP31-B		EXH
QTY	CAGE	PART NUMBER	2	D
				BI
	DEFAULT TO	DLERANCES	APF	
ONE PL	ONE PLACE (X.X) = ± 0.1			
TWO PLACES (X.XX) = ± 0.01			CHKD	
THREE PLACES (X.XXX) = ± 0.005			DSGN	
FOUR F	PROJ			
ANGLES = ± 0.5 DEGREE			DATE (COMPLETION
SURFACE FINSIHES <= 125 MICROINCH RA			FILE	MODEL: EXH
				EXCEPT AS MAY C THESE DRAW PROPERTY OF S ISSUED IN STRIC REPRODUCED, OI MANUFACTUR THE
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QTY	CAGE	PART NUMBER		DE
				BIL
	DEFAULT T	OLERANCES		APP
ONE F	PLACE (X.X) = ±	0.50	DRFT	
TWO F	PLACES (X.XX) = ±	± 0.25	CHKD	
THREE	E PLACES (X.XXX) = ± 0.10	DSGN	
			PROJ	
ANGLE	ES = ± 0.5 DEGRE	E	DATE (COMPLETION
SURF	ACE FINSIHES <=	125 MICROINCH RA	FILE	MODEL: FLAN
				EXCEPT AS MAY OT THESE DRAWIN PROPERTY OF SC ISSUED IN STRICT REPRODUCED, OR MANUFACTURE THER
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		11P-300S		SHOR
QTY	CAGE	PART NUMBER		D
				B
	DEFAULT TO	DLERANCES		API
ONE PL	ACE (X.X) = ±	0.1	DRFT	
TWO PL	ACES (X.XX) = ±	: 0.01	CHKD	
THREE	PLACES (X.XXX)) = ± 0.005	DSGN	
FOUR F	PLACES (X.XXXX) = ± 0.0005	PROJ	
ANGLE	S = ± 0.5 DEGRE	E	DATE (COMPLETIO
SURFA	CE FINSIHES <=	125 MICROINCH RA	FILE	MODEL: ELB
				EXCEPT AS MAY (THESE DRAW PROPERTY OF S ISSUED IN STRIC REPRODUCED, O MANUFACTUR THE

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	REV SHT	ZONF	REVISIONS	DAT	F
	A	INITIAL RELEA	ASE	2014-0	3-25
	BC	COUPLING RI ADDED PORT	ELOCATED DESCRIPTIONS	2014-0 2014-0	6-13 9-25
ECM NOx	<u>c</u> 5210	ADDED PORT	DESCRIPTIONS	2014-0	<u>9-25</u> D
 1/8 5X					С
SAMPLE					
					4-
					B
HALF COUPLING SENSOR BUNG UST ELBOW RIGHT	1/4" NPT H/ M18 X 1.5 E	ALF COUPLING BUNG, STAINLE	S, STAINLESS STEEL ESS STEEL		4 3 2
BILL OF MATERIAI /PA	RTSLIST	IVIATERIAL		.u	
PPROVAL SIGNATURES		SOUT OFF 622 EXHAUST	HWEST RESEA ICE of AUTOMOTIVE ENGINEER 0 CULEBRA ROAD SAN ANTON TURNDOWN PIPE R	RCH INSTITU ING 110, TEXAS 78238 IGHT	JTE A
Y OTHERWISE BE PROVIDED BY CONTRACT, WINGS AND SPECIFICATIONS ARE THE F SOUTHWEST RESEARCH INSTITUTE, ARE	SIZE CAGE	26401		P40	^v C
OR COPIED OR USED AS THE BASIS FOR URE OR SALE OF ANY APPARATUS SHOWN HEREON WITHOUT PERMISSION	SC	ALE 1.000	UNIT WEIGHT = LBS	SHEET 1 OF 1	
	2	,		1	

		11P-300S		SHORT
QTY	CAGE	PART NUMBER		D
				BI
	DEFAULT TO	DLERANCES		APF
ONE PL	ACE (X.X) = ±	0.1	DRFT	
TWO PL	ACES (X.XX) = ±	. 0.01	CHKD	
THREE	PLACES (X.XXX)) = ± 0.005	DSGN	
FOUR P	LACES (X.XXXX) = ± 0.0005	PROJ	
ANGLE	S = ± 0.5 DEGRE	E	DATE (COMPLETION
SURFA	CE FINSIHES <=	125 MICROINCH RA	FILE	MODEL: ELBO
				EXCEPT AS MAY O THESE DRAWI PROPERTY OF S ISSUED IN STRIC REPRODUCED, OF MANUFACTURI THE
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