

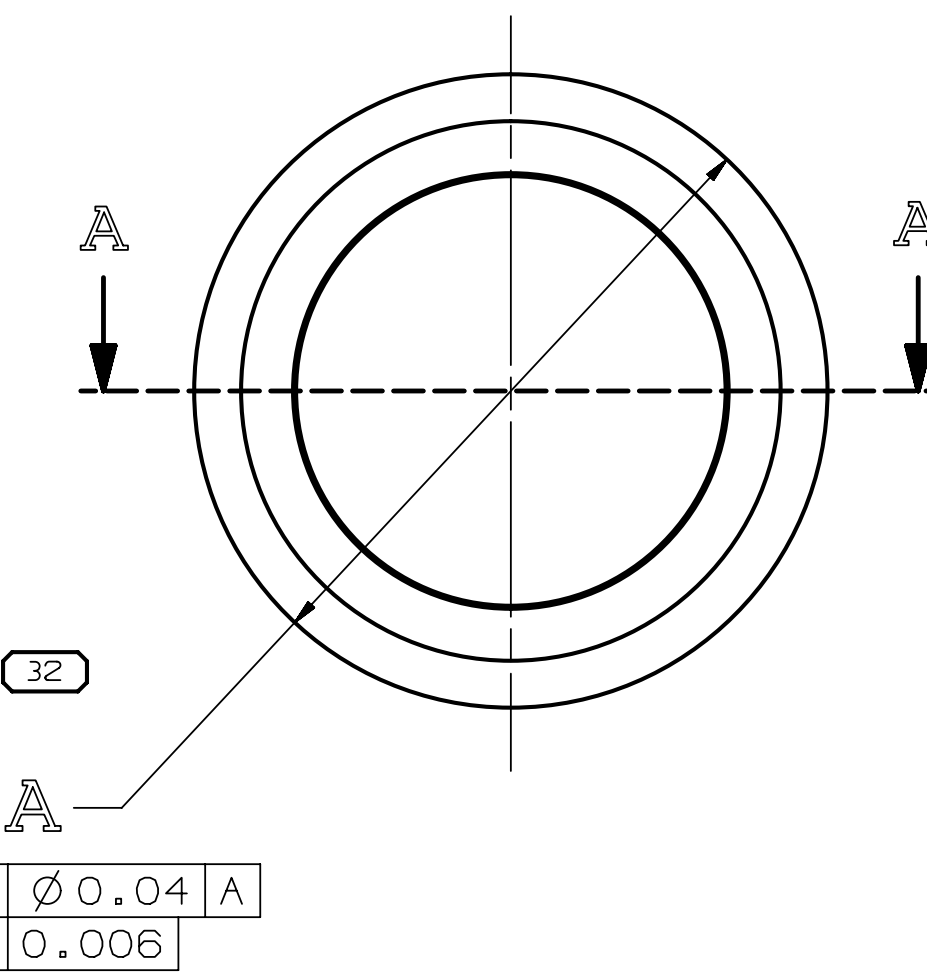
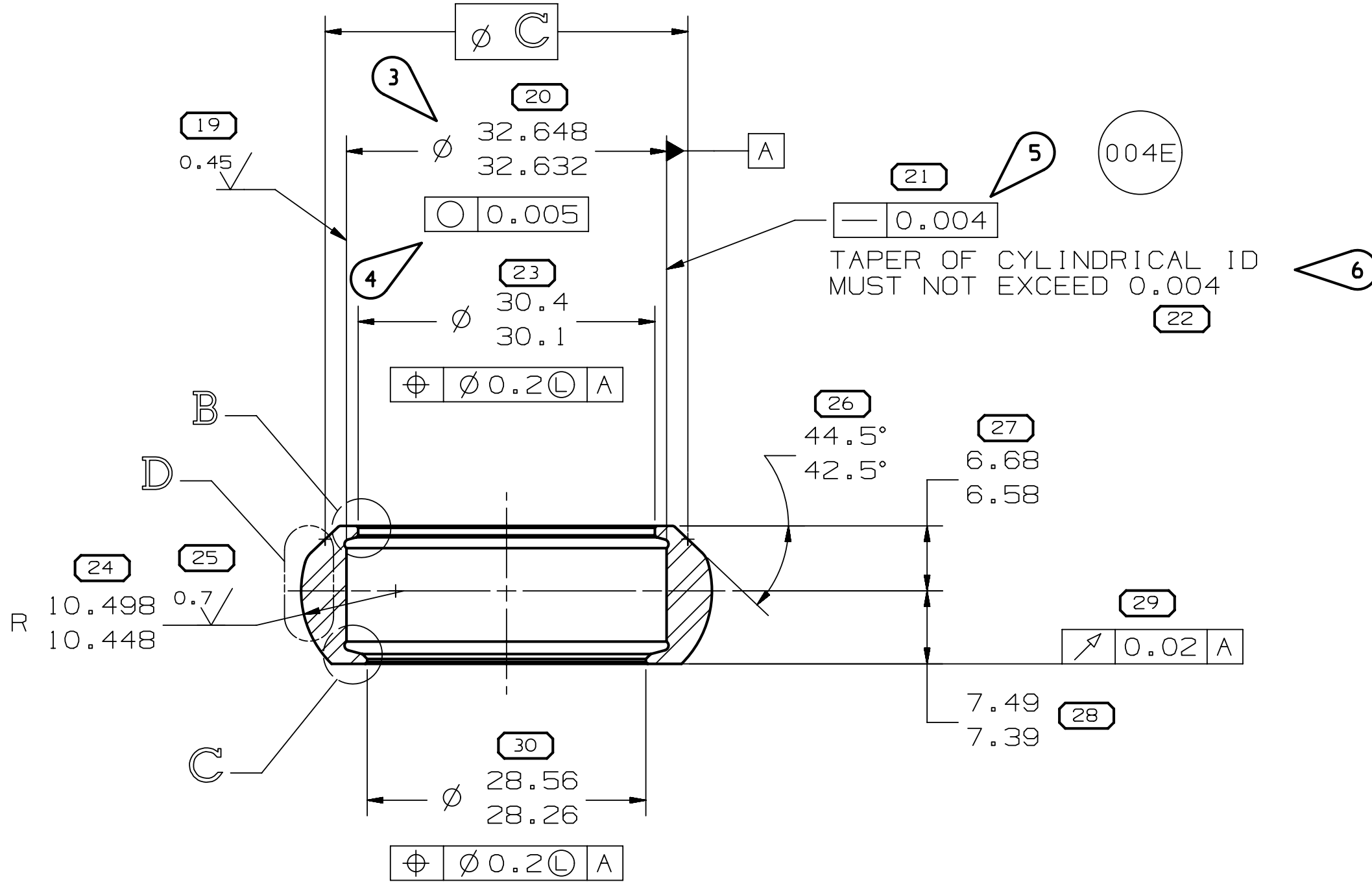
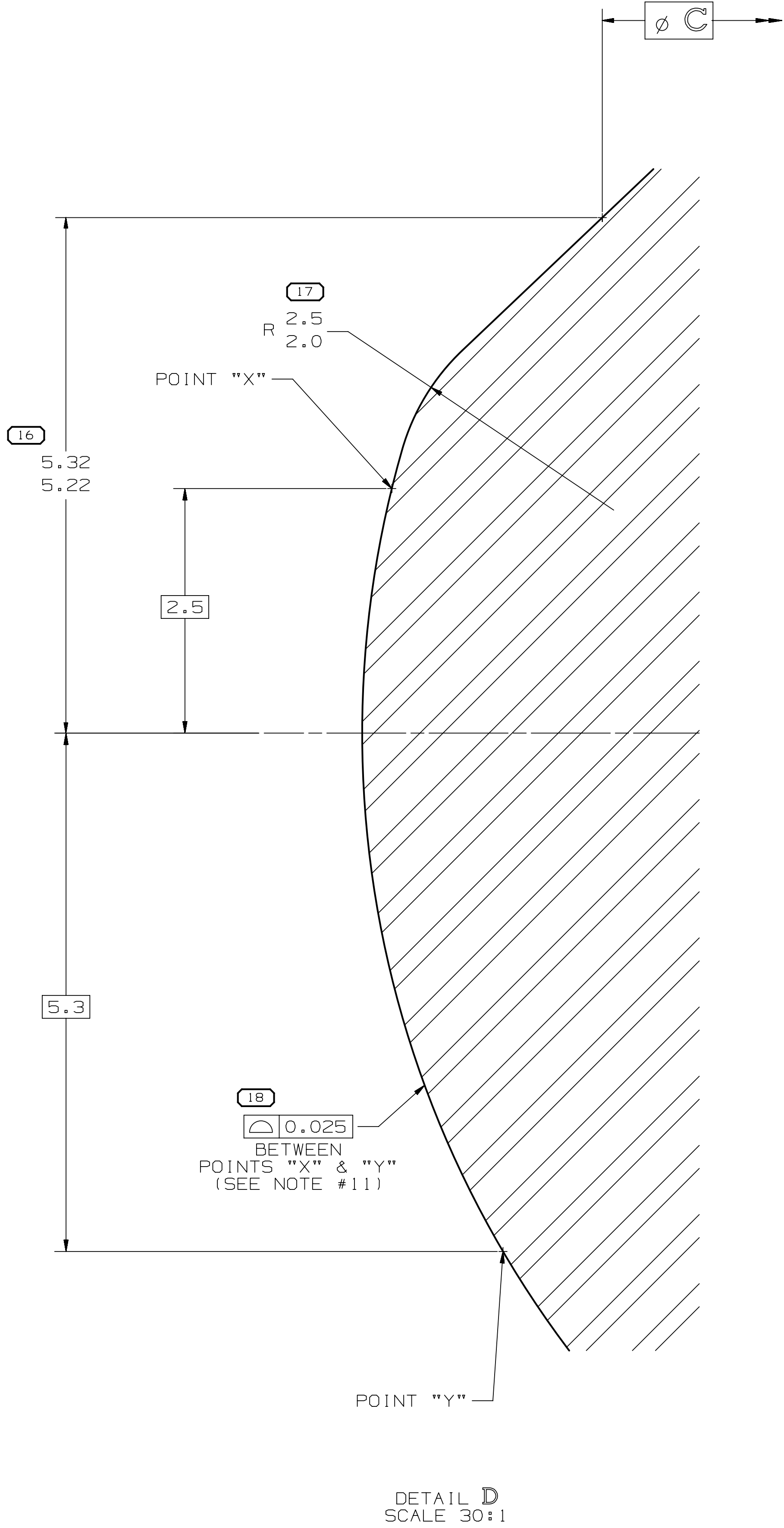


DESIGNATED CHARACTERISTICS REF: NEXTER GLOBAL PROCEDURE Q1331			DC SYMBOL	QCL TYPE	QCI TYPE	
10	LAST NO USED	SAFETY/COMPLIANCE		CL1/CL2	Q5-10DV Q5-DP	
10	TOTAL ON DRAWING					
DC		FIT/FUNCTION		CL4/CL5	Q1-10V Q1-DP	
NO	TYPE	DESCRIPTION		RATIONALE	ZONE	SH
1	CL5	FLANGE THICKNESS		PERFORMANCE	J16	J
2	CL5	FLANGE THICKNESS		PERFORMANCE	E18	I
3	CL5	INSIDE DIAMETER		PERFORMANCE	F6	I
4	CL5	ID ROUNDNESS		PERFORMANCE	E8	I
5	CL5	ID STRAIGHTNESS		PERFORMANCE	E6	I
6	CL5	ID TAPER		PERFORMANCE	E5	I
7	CL5	OUTSIDE DIAMETER, CLASS		PERFORMANCE	M15	I
8	CL5	MATERIAL		PERFORMANCE	K8	I
9	CL5	HARDNESS		PERFORMANCE	J8	I
10	CL5	MICROSTRUCTURE		PERFORMANCE	J8	I

DWG STATUS		ZONE		REVISION HISTORY		AUTHORITY		DR	APVD
DATE	REV	CHG							
22APR11	004	A	---	REDRAWN ON NEXTEER FORMAT - NO CHANGE					2
		B	J8	NOTE #6 REMOVED, REMAINING NOTES & DIM RENUMBERED					
		C	68	NOTE #10 & RELATED VIEW ADDED					
		D	L8	NOTE #3 MATERIAL REVISED					
		E	E6	NOTE ADDED					
		F	68	NOTE #11 ADDED					
17OCT12	005	A	H8	NOTE #9 REVISED					DPW
14JUL14	006	A	H8	NOTE #9 WAS 4600N MIN					CAP
28JUL14	007	A	K8	NOTE #3 REVISED					DPW
		B	J8	NOTE #4 REVISED					
		C	---	ENGRG RELEASE			100035	JMO	TS
28AUG14	008	A	H8	NOTE #8 REMOVED & REMAINING NOTES RENUMBERED					
		B	K8	NOTE #3 REVISED					
		C	M6	DC #1-10 ADDED			100207	6LB	WW



ANY SUPPLIER CHANGE TO THE DESIGN, PROCESS, OR MATERIAL  
MUST BE APPROVED PER NEXTENER'S SUPPLIER REQUEST PROCESS

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UNLESS OTHERWISE SPECIFIED THE  
FOLLOWING REQUIREMENTS APPLY:

THIS DOCUMENT IS IN ACCORDANCE WITH ASME  
Y14.5M-1994 AS AMENDED BY THE QW GLOBAL  
DIMENSIONING AND TOLERANCING ADDENDUM-2004.

ALL PART NUMBERS AND SPECIFICATIONS  
CONTAINED ON THIS DRAWING ARE ISSUED  
AND CONTROLLED BY NEXTENER AUTOMOTIVE

COUNTERSINK ALL TAPPED HOLES APPROX  
90° INCLUDED ANGLE TO A D1.0 ± 0.3 TO  
1.0 GREATER THAN MAJOR DIA OF THREAD

DIMS SHOWN ON COMMON CANTERS ☒ 0.5


ALL DIMENSIONS ARE IN MILLIMETERS  
ZERO PLACE DECIMALS = 1  
ONE PLACE DECIMALS = 0.5  
TWO PLACE DECIMALS = 0.25

ANGLES ± 0.5 DEGREE  
REFERENCE  
29T CENTERGUIDE

THIRD ANGLE  
PROJECTION

DO NOT  
SCALE

USE MATH  
DATA



**nextener**  
AUTOMOTIVE

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	DATE
DR D. WIELAND	03AP07
APV01 T. SCHAPER	
APV02 M. SWEIGART	
APV03 J. KAUFMAN	
APV04	
APV05	

SUBSTANCES OF CONCERN AND RECYCLED CONTENT PER  
NEXTENER AUTOMOTIVE 23000000

MATERIAL

SEE GENERAL NOTES

DRAWING NAME

BALL CHART, OUTER TG

DRAWING NUMBER

26142102

SIZE	SCALE	FRAME NO	SHEET NO	REV
A0	1:1	1	1	008