



	1C	3C	5C	1M	2M	4M	8M	15M
A ϕ	2.0	2.630	3.28	4.250	5.25	6.63	8.63	10.63
B	.940 \pm .015	1.270 \pm .015	1.560 \pm .015	2.030 \pm .015	2.50 \pm .020	3.204 \pm .025	4.160 \pm .035	5.060 \pm .040
C	.38	.50	.63	.81	1.00	1.09	1.44	1.88
D	.09	.11	.12	.12	.14	.16	.19	.25
E	.247	.285	.320	.386	.440	.505	.656	CONSULT
F	.791	1.09	1.34	1.75	2.20	2.85	3.69	CONSULT
G ϕ	.4375 \pm .0007	.6255 \pm .0005	.7817 \pm .0005	1.0625 \pm .0008	1.2812 \pm .0008	1.6250 \pm .0007	2.0937 \pm .0008	CONSULT
H ϕ	.906	1.244	1.555	2.047	2.520	3.110	4.055	5.000
I ϕ	1.5	2.09	2.56	3.31	4.10	5.12	6.66	8.24
J ϕ	1.5000 \pm .0012	2.1410 \pm .0024	2.6723 \pm .0025	3.5005 \pm .0025	4.2818 \pm .0028	5.3445 \pm .0028	6.9539 \pm .0029	8.5634 \pm .0032
K ϕ	.551	.827	1.024	1.024	1.260	1.260	1.890	2.165
L	.630	.750	1.000	1.000	1.50	1.50	1.88	2.437
M	6	6	6	6	6	6	6	6
N ϕ	.125 \pm .010	.187 \pm .010	.218 \pm .010	.343 \pm .010	.406 \pm .010	.406 \pm .010	.531 \pm .010	.781 \pm .010
O ϕ	.656	.937	1.187	1.531	1.875	2.312	3.062	3.750
P	(2) \pm .40 SET SCREWS	.0937 \pm .002	.125 \pm .002	.125 \pm .002	.1875 \pm .002	.1875 \pm .002	.1875 \pm .002	.250 \pm .002
Q	N/A	.415 \pm .015	.555 \pm .015	.555 \pm .015	.704 \pm .015	.704 \pm .015	.959 \pm .015	1.236 \pm .015
R ϕ	.250 \pm .001	.375 \pm .001	.500 \pm .001	.500 \pm .001	.625 \pm .001	.625 \pm .001	.875 \pm .001	1.125 \pm .0008
S	6	6	6	6	6	6	6	8
T ϕ	.125 \pm .003	.147 \pm .010	.187 \pm .010	.218 \pm .010	.281 \pm .010	.406 \pm .010	.468 \pm .010	.468 \pm .010
U ϕ	1.75	2.375	2.937	3.812	4.687	5.875	7.625	9.500
V	.005 MAX.	.005 MAX.	.005 MAX.	.005 MAX.	.005 MAX.	.005 MAX.	.005 MAX.	.005 MAX.
W	.016	.016	.015	.015	.015	.015	.015	.015
X	.016	.016	.015	.015	.015	.015	.015	.015
Y	.010 \pm .010	.028	.067	.099	.075	.047	.105	.088
aa	.002 T.I.R.	.002 T.I.R.	.002 T.I.R.	.003 T.I.R.	.004 T.I.R.	.005 T.I.R.	.007 T.I.R.	.007 T.I.R.
bb	.001	.001	.001	.001	.001	.001	.001	.003
cc	.001	.002	.002	.002	.002	.002	.002	.002
dd	.004 T.I.R.	.004 T.I.R.	.005 T.I.R.	.005 T.I.R.	.006 T.I.R.	.006 T.I.R.	.007 T.I.R.	.007 T.I.R.
ee	.098	.116	.098	.125	.135	.236	.236	.236
ff	.105	.116	.138	.125	.155	.236	.236	.236
gg	.656	.937	1.339	1.687	2.207	2.312	3.062	3.750
hh	.05	.05	.05	.05	.05	.05	.05	.05

- 1 DIMENSIONS DENOTE MAXIMUM EXTENT OF ENCROACHMENT OF ADJOINING STRUCTURE.
- 2 DIMENSIONS ESTABLISH INTERFACE AND INSTALLATION REQUIREMENTS. MAINTAIN AT ASSEMBLY AND UNDER ALL OPERATING LOAD CONDITIONS.
- 3 USE ALLOY STEEL SCREWS TORQUE TO MANUFACTURERS MAXIMUM RECOMMENDED VALUE. USE LOCTITE OR OTHER MEANS TO PREVENT LOOSENING.
4. MAINTAINING STANDARD COMPONENTS IN "AS RECEIVED" SETS IS RECOMMENDED.
5. DRAWING IS FOR DIMENSIONAL REVIEW ONLY. **DO NOT SCALE**

UNLESS OTHERWISE SPECIFIED		DATE: 03/26/10	CONIC SYSTEMS INC. HARMONIC GEARING COMPONENT SET 11 REBEL LANE, PORT JERVIS, NY 12771
DO NOT SCALE DRAWING * BREAK ALL SHARP EDGES *		DATE: 03/26/10	
DIMENSIONS	TOL.	MM	INCHES
	.X	\pm	\pm .030
MM	.XX	\pm	\pm .010
	.XXX	\pm	\pm .005
INCHES	FRACTIONAL	\pm 1/64	
	ANGULAR	\pm 1/2	
FINISH	THIRD ANGLE PROJECTION		
SYM	DATE	CHANGE	CHNG APPR
REVISIONS			
SIZE: DWG:	C	HDC-AAA-BBB-E2-00	REV: