

LET	TOLERANCE		41 — 60		51 — 70		65 — 80		80 — 90	
	OUT-BOARD SHAFT	IN-BOARD SHAFT	INVOLUTE SPLINES	INVOLUTE SPLINES	INVOLUTE SPLINES	INVOLUTE SPLINES	INVOLUTE SPLINES	INVOLUTE SPLINES	INVOLUTE SPLINES	INVOLUTE SPLINES
A	+0.000	-.005	3.083	4.680	3.750	5.539	5.250	6.411	6.411	7.554
B	MAX.		2.917	4.436	3.583	5.294	5.000	6.151	6.151	7.294
C	+0.000	-.020	2.850	—	3.517	—	4.900	—	—	—
D	+0.010	-.020	—	4.321	—	5.179	—	6.036	6.036	7.179
E	+0.0000	-.0030	.1299	.2233	.1299	.2233	.1953	.2233	.2233	.2234
F	+0.000	-.004	2.807	4.245	3.432	5.120	4.870	5.995	5.995	7.120
G	+0.000	-.005	2.688	4.062	3.312	4.938	4.688	5.812	5.812	6.938
H	+0.000	-.002	2.812	4.296	3.500	5.156	4.875	6.011	6.011	7.156
I	+0.000	-.002	3.125	4.687	3.812	5.562	5.281	6.426	6.426	7.570
J	±.020	±.025	4.438	1.812	7.375	1.812	11.250	3.250	15.125	3.312
K	±.030	±.040	4.938	2.312	7.875	2.312	11.750	3.750	15.625	3.812
L	±.020	—	8.250	5.375	11.188	5.375	16.125	7.400	20.750	8.000
M	±.020	—	—	—	11.312	—	—	—	—	—
N	+0.000*	+0.010*	9.475	8.360	12.412	8.360	18.297	10.360	23.735	11.610
O	+0.010	-.030	10.641	9.735	13.578	9.735	19.672	11.610	25.110	13.110
P	±.015	—	10.938	—	13.812	—	20.062	—	25.562	—
Q	±.020	—	11.312	10.625	14.250	10.625	20.312	12.500	25.812	14.062
R	±.010	±.020	9.375	8.250	12.312	8.250	18.188	10.250	23.625	11.500
R	MAX		1.530	2.030	1.530	2.030	2.030	2.030	2.030	3.030
R	MIN		1.125	1.125	1.125	1.125	1.125	1.125	1.125	1.125
r	+0.030	-.000	.062	.062	.062	.062	.062	.062	.062	.062
S	+0.0000	-.0030	2.7560	—	3.3810	—	—	—	—	—
S	+0.0000	-.0050	—	4.1668	—	5.0418	4.7918	5.9168	5.9168	—
S	+0.0000	-.0080	—	—	—	—	—	—	—	7.0418
T	—	—	2.8125-12	4.250-8	3.4375-12	5.125-8	4.875-8	6.000-8	6.000-8	7.125-8
U	±.030	—	.170	.250	.170	.250	.250	.250	.250	.250
V	APPROX	—	.035	.068	.035	.068	.060	.068	.068	.068
W	±.0100	—	.2656	—	.2656	—	.2656	—	.2656	—
X	—	—	36	32	44	38	41	44	44	52
Y	—	—	12/24	7/16	12/24	7/16	8/16	7/16	7/16	7/16
Z	THEO	—	3.0000	4.5714	3.6667	5.4286	5.1250	6.2857	6.2857	7.4286
AA	±.040	—	10.688	—	10.688	—	16.062	—	17.625	—
BB	MAX	—	.094	—	.094	—	.094	—	.094	—
CB	±.020	—	—	—	—	—	7.875	—	8.875	—
CC	±.020	—	2.375	—	2.375	—	3.875	—	4.875	—
CF	+0.0000	-.0005	—	—	—	—	5.3149	—	6.4567	—
DD	±.010	—	5.812	—	6.688	—	7.562	—	8.750	—
EE	MAX	—	.750	—	.750	—	.750	—	1.000	—
FF	±.010	—	.312	—	.312	—	.312	—	.312	—
GG	MIN	—	7.750	—	8.750	—	9.625	—	11.375	—
HH	±.001	—	10.123	—	11.123	—	12.625	—	14.373	—
JJ	+0.005	—	2.188	—	2.812	—	4.125	—	5.156	—
KK	+0.0000	-.0005	3.1498 (80 MM BRG)	—	3.8191 (97 MM BRG)	—	5.3543 (86 MM BRG)	—	6.4960 (164 MM BRG)	—
LL	MIN	—	2.062**	—	2.062**	—	4.000	—	4.000	—
MM	MAX	—	6.188	—	7.062	—	7.938	—	9.125	—
NN	+0.000	-.010	3.604	—	4.354	—	5.812	—	6.938	—
PP	MIN	—	35°**	—	35°**	—	45°	—	45°	—
QQ	±.035	—	.938	—	.938	—	.938	—	.938	—
RR	—	±.010	—	3.852	—	4.602	—	5.688	—	6.750
SS	MIN	—	.500	—	.500	—	.500	—	.500	—
TT	±.030	—	3.000	—	3.000	—	2.000	—	2.000	—
UU	—	+0.010	—	4.000	—	4.812	—	5.781	—	6.875
VV	MAX	—	10.102	—	11.072	—	12.574	—	14.250	—
WW	MAX	—	—	—	—	—	6.792	—	7.938	—

INBOARD AXIAL DIMENSIONS ARE FROM THRUST NUT

M DIM. MAX LIMIT GIVES MIN FULL THREAD

* MINUS VALUE DEPENDS ON METHOD OF THREADING AND THD RUNOUT RELATION TO SHOULDER Q

TO OBTAIN DIM. FOR FULL NUMBER OF PITCHES, WHEN DESIRED, DEDUCT BASIC M FROM BASIC N

M DIM. DOES NOT APPLY WHEN UNDERCUT IS USED

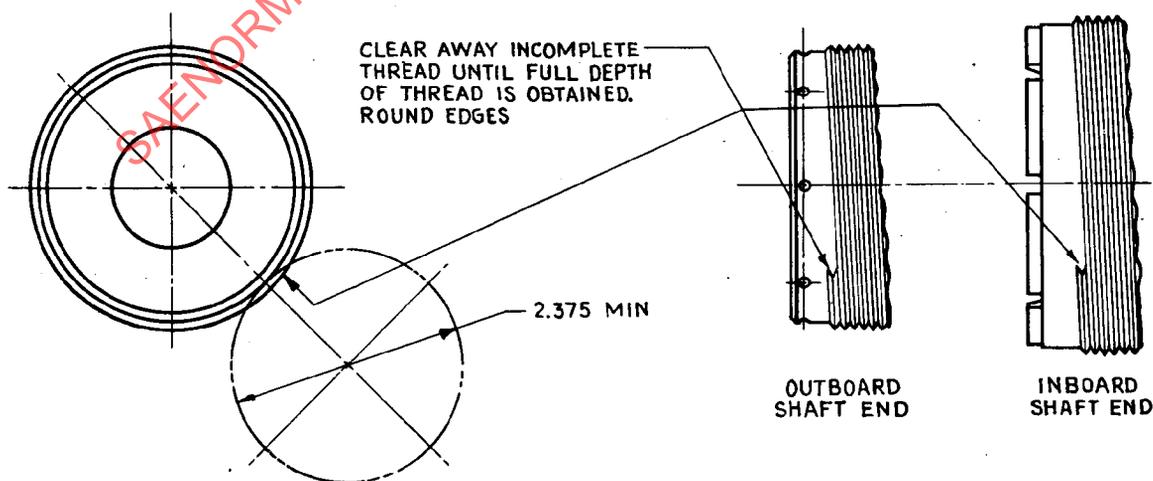
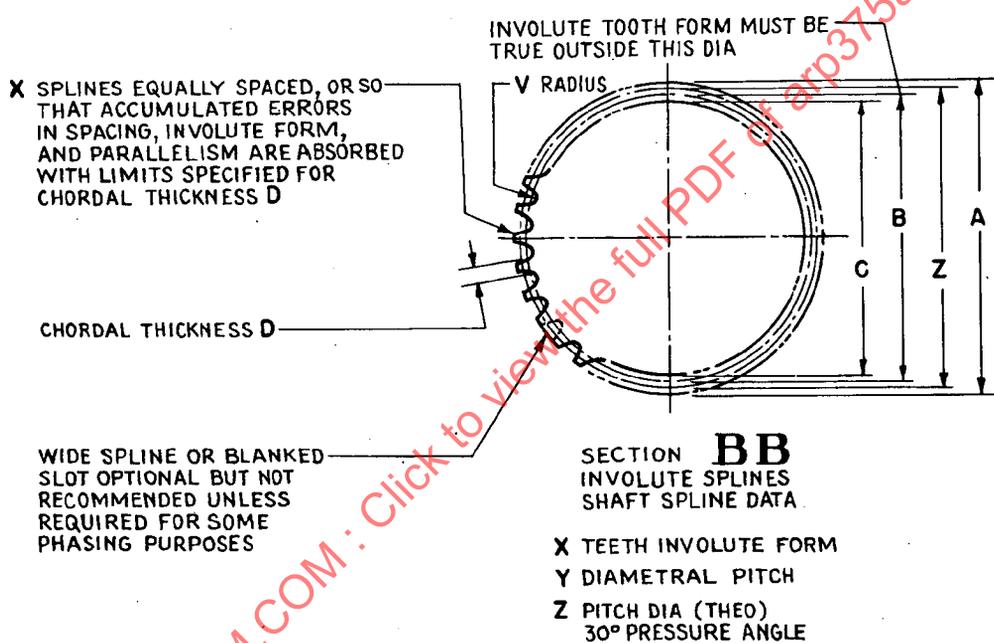
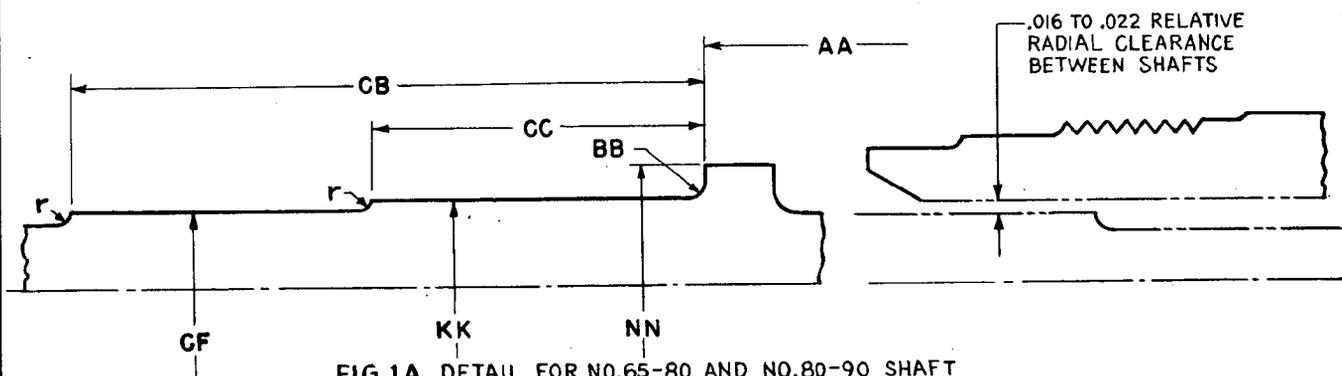
** LL TO BE 4.000 AND PP TO BE 45° WHEN PRACTICABLE

UNLESS OTHERWISE SPECIFIED

ALLOWABLE TOLERANCE ON:-
LINEAR DIMENSIONS ±.01
ANGULAR DIMENSIONS ± 2°

TABLE FOR FIG. 1, IA AND 2

-3-



REMOVAL OF INCOMPLETE THREAD
METHOD OF REMOVAL OPTIONAL

UNLESS OTHERWISE SPECIFIED	
ALLOWABLE TOLERANCE ON:-	
LINEAR DIMENSIONS	±.01
ANGULAR DIMENSIONS	±2°

FIG. 2