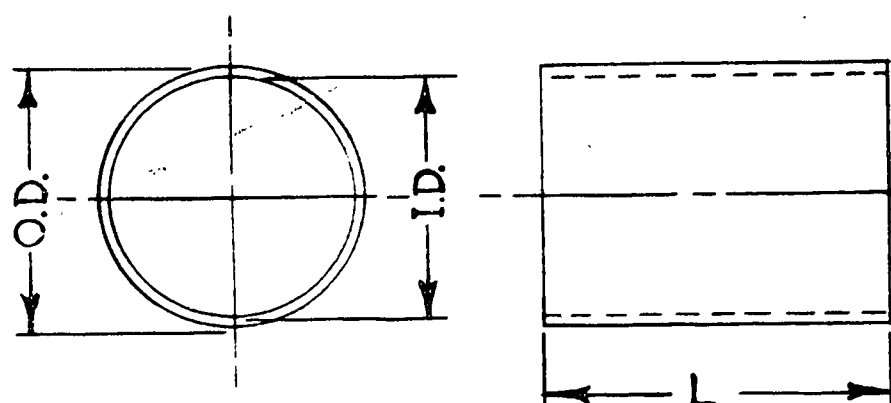




PART NO.	O.D. OR TUBE SIZE	I.D.	L	MATERIAL
80022-2	5/8 x .049		3/4	*1025 STEEL
80022-3	5/8 x .058		1 3/8	*1025 STEEL
80022-4	5/8 x .065		1/2	*1025 STEEL
80022-5	5/8 x .065	1/2	1 1/2	*1025 STEEL
80022-6	665 x .035		1/2	*4130 STEEL
80022-7	3/4 x .065	5/8	7/8	*1025 STEEL
80022-8	3/4 x .058		1 13/16	*1025 STEEL OR MECH. TUBE
80022-9	7/8 x .049		1	*1025 STEEL
80022-10	1 1/4 x .058		1/4	*4130 STEEL
80022-11	1 1/4 x .058		1/2	*4130 STEEL
80022-12	1 3/8 x .058		1/4	*1025 STEEL
80022-13	1 7/16	1 1/4	1/2	*1010 STEEL
80022-14	1 5/8 x .058		1/8	*1025 STEEL
80022-15	1 5/8 x .065	1 1/2	7/8	*1025 STEEL
80022-16	7/16	5/16	1	*1025 STEEL
80022-17	1/2 x .058		3/4	*1025 STEEL
80022-18	1/2 x .035		1 3/16	*1025 STEEL
80022-19	5/8 x .035		1/2	*1025 STEEL
80022-20	1/2	365 375	3/4	*1025 STEEL
80022-21	1/2	371 374	.750	*1025 STEEL SEAMLESS TUBE
80022-22	1/2	371 374	.375	*1025 STEEL SEAMLESS TUBE
80022-23	5/16 x .058		1/4	*1025 STEEL
80022-24	1/4	*28 DRILL	1/2	C.R. STEEL
80022-25	1/2 x .035		9/16	*1025 STEEL
80022-26	4415 4375 x .065		1 1/4	*1025 STEEL
80022-27	3/8 x .065		7/8	*1025 STEEL
80022-28	4375 ± .005	310 ± .002	1 1/2	*1025 STEEL
80022-29	1/2	367 372	1 1/2	*1025 STEEL
80022-30	1/2	*11 DRILL	7/16	*1025 STEEL
80022-31	379 375	315 313	1	*1025 STEEL

PART NO.	O.D. OR TUBE SIZE	I.D.	L	MATERIAL
80022-32	375 ± .005 x .028		7/16	*1025 STEEL
80022-33	313 ± .001 375 ± .000	3/16	1/4	*1025 STEEL
80022-34	377 375	.245	5/8	*1025 STEEL
80022-35	7/16	5/16	1 1/16	*1025 STEEL
80022-36	7/16 x .083	1/4	1 1/4	*1010 STEEL
80022-37	1 1/16 x .095	1 1/2	1	*1025 STEEL
80022-38	7/8 x .058		15/32	*1025 STEEL
80022-39	7/8 x .058		3/4	*1025 STEEL
80022-40	3/4	5/8	5/8	HARD FIBER
80022-41	3/4	1/4	3/4	HARD FIBER
80022-42	3/8	3/16	3/8	HARD FIBER
80022-43	1 5/8 x .058	1506 MIN.	5/16	*1025 STEEL SEAMLESS TUBE
80022-44	380 375	.240 .250	.750	BRONZE
80022-45	380 375	.240 .250	.375	BRONZE
80022-46	7/16 x .035		1/4	*1025 STEEL
80022-47	4415 4375	3065 3115	15/32	BRONZE
80022-48	7/16	5/16	19/32	BRONZE
80022-49	7/16	5/16	1 1/16	BRONZE
80022-50	1/2	3/8	1 1/2	BRONZE
80022-51	1 5/8 x .058		1/4	*1025 STEEL
80022-52	5/8 x .065		3/8	*1025 STEEL
80022-53	1 7/8 x .062		1/8	MECH. TUBE
80022-54	7/16 x .083		2	MECH. TUBE
80022-55	1	1/4	3/4	RUBBER
80022-56	1/2	5/16	1 1/16	RUBBER
80022-57	1/2	5/16	1/2	RUBBER
80022-58	1.125	.75	3/16	FIBER
80022-59	313 ± .001 375 ± .000	3/16	1/4	BRONZE
80022-60	377 375	.245	5/8	BRONZE
80022-61	1 1/2 x .058		5/16	*1025 STEEL
80022-62	375 ± .005 x .028		3/8	*1025 STEEL
80022-63	4415 x .035	REAM 375	1 1/4	*1025 STEEL
80022-64	5/8	1/2	.125	*1025 STEEL
80022-65	485 ± .005	.375	11/32	*1025 STEEL
80022-66	5/16 x .035		5/8	*1025 STEEL
80022-67	1/4	189/91	1	*1025 STEEL
80022-68	5/16 x .058		7/8	*1025 STEEL
80022-69	9/16	.226	2 1/8	*1025 STEEL

NOTE: 80022-54 REMOVE ALL BURRS
80022-58 Q.D. TO BE FREE FIT IN
1 1/4 x .058 TUBE, I.D. TO BE FREE FIT ON
3/4 TUBE.
ALSO SEE DWG'S 80012, 82732, 36102.

W	-17 CANCELLED	2-7-51	M.G.
V	4415 WAS 1/8 ± .005 WAS 1/8 ON 47; 69 ADD	10-24-50	F.C.S.
U	-68 ADDED	6-17-49	D.C.
T	-67 ADDED	8-9-48	D.C.
S	367/372 WAS 3/8 FOR -29	6-27-47	R.C.
R	L DIM. FOR -31 WAS 1.063	9-12-46	J.H.
Q	.065 REMOVED FROM O.D. FOR -20, -21 & -22	1-11-46	I.D.B.
P	I.D. FOR -43 ADDED	10-5-45	L.D.
O	ON -31; .065 REMOVED FROM O.D. 3/16 I.D. ADDED	5-28-45	J.B.M.
N	377 WAS 376 ± .005 FOR O.D. OF -34 & -60	3-18-43	I.M.M.
M	NOTE REVISED	2-23-45	J.B.W.
L	REDRAWN WITHOUT CHANGE	10-10-44	J.B.W.
K	*1025 STL. WAS *1010 STL. FOR -31	8-19-44	I.D.B.
J	ON -22 MAT'L SPEC. REVISED	5-13-44	J.B.M.
H	ON -21 & -43 MAT'L SPEC. REVISED	1-10-44	A.I.N.
G	ON -63 .035 ADDED TO O.D. COLUMN	11-8-43	C.E.K.
F	ON -36 .083 ADDED *1010 STL. WAS 101	11-8-43	C.E.K.
E	ON -20, -21 & -22 .065 ADDED	11-8-43	C.E.K.
D	ON -6 *4130 STL. WAS *1025 STL.	11-6-43	C.E.K.
C	I.D. OF -20 353 WAS .370	11-2-43	C.J.H.
B	ON -63 .065 REMOVED, REAM 375 ADDED	9-24-43	C.E.K.
A	REDRAWN & REVISED	8-2-43	P.F.
LET	REVISION	DATE	BY

PIPER AIRCRAFT CORP.
LOCK HAVEN PENNA.

BUSHINGS
SHEET II

R. FRANK C.K.
8-2-43 18-3-43
DRAWN CHECKED APPROVED

80022

A667