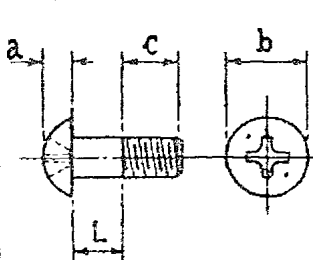
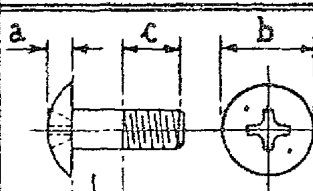
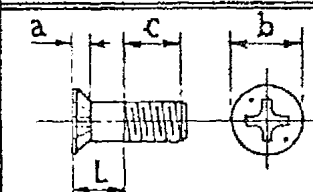
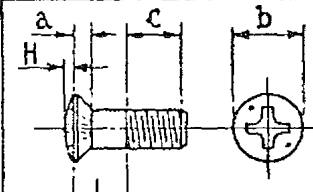
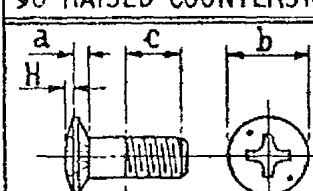
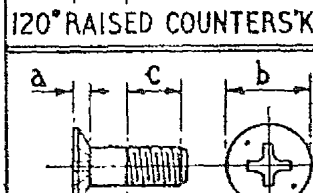


CONVERSION CHART FOR STANDARD PARTS

<u>Obsolescent</u> <u>Part No.</u>	<u>Replacement</u> <u>Part No.</u>	<u>Obsolescent</u> <u>Part No.</u>	<u>Replacement</u> <u>Part No.</u>
<u>BOLTS</u>		<u>PINS</u>	
A. 1	A. 25	AGS. 784	SP. 9
A. 15Y	A. 25		
A. 15Z	A. 26		
A. 17	A. 61		
A. 28	A. 61		
AS. 1243	AS. 4563		
AS. 1245	AS. 4564	AGS. 244	A. 44
AS. 1247	AS. 4565	AGS. 245	A. 32
AS. 1249	AS. 4566	AGS. 246	A. 43
AS. 1882	AS. 1242	AGS. 247	A. 31
AS. 1883	AS. 1244	AGS. 248	A. 45
AS. 1884	AS. 1246	AGS. 249	A. 33
AS. 1885	AS. 1248	AGS. 564	A. 40
AS. 2504	A. 57	AGS. 896	A. 35
(except /o)		AGS. 967	A. 36
AS. 2969	AS. 3294	AGS. 968	A. 37
AS. 3078	AS. 4597		
AS. 3079	AS. 4598		
AS. 3080	AS. 3294		
AS. 3081	AS. 3295		
AS. 3082	AS. 3296		
AS. 3083	AS. 3297		
<u>NIPPLES</u>		<u>WASHERS</u>	
AGS. 554	SP. 21	AGS. 160	SP. 13
Tecalemit		AGS. 161	SP. 18
6878/1	SP. 21	AGS. 190	SP. 57
		AGS. 191	SP. 58
		AGS. 946	SP. 14
		AGS. 947	SP. 19
		AGS. 970	SP. 15
		AS. 470	SP. 15
		AS. 471	SP. 16
<u>NUTS</u>			
A. 16Y	A. 27		
A. 16Z	A. 24		
AGS. 760	A. 29		
CA.	AGS. 2001		
CP.	AGS. 2001		
CB.	AGS. 2002		
CT.	AGS. 2002		

THE DE HAVILLAND AIRCRAFT COMPANY LTD, HATFIELD, HERTS.											
S.B.A.C. "AS" SERIES - BOLTS											
 ROUND HEAD	B LT SIZES					CODE NUMBERS					
	L	4 BA	2 BA	1/4 B.S.F.	5/16 B.S.F.	3/8 B.S.F.	LENGTH L	4 BA	2 BA	1/4 B.S.F.	5/16 B.S.F.
a	1to1.6	1to2.1	1to2.3	1to2.2	1to2.1	1	1B	1C	1E	1G	1J
a	.106	.133	.174	.214	.253	2	2B	2C	2E	2G	2J
a	.098	.124	.163	.202	.239	3	3B	3C	3E	3G	3J
b	.268	.350	.472	.591	.708	4	4B	4C	4E	4G	4J
b	.252	.332	.452	.567	.681	5	5B	5C	5E	5G	5J
				.4				C			J
RECESS No	2	2	3	3	4	7	7B	7C	7E	7G	7J
						8	8B	8C	8E	8G	8J
						9	9B	9C	9E	9G	9J
						10	10B	10C	10E	10G	10J
						11	11B	11C	11E	11G	11J
						12	12B	12C	12E	12G	12J
						13	13B	13C	13E	13G	13J
						14	14B	14C	14E	14G	14J
						15	15B	15C	15E	15G	15J
						16	16B	16C	16E	16G	16J
						17		17C	17E	17G	17J
						18		18C	18E	18G	18J
						19		19C	19E	19G	19J
						20		20C	20E	20G	20J
						21		21C	21E	21G	21J
						22			22E	22G	
						23			23E		
 MUSHROOM HEAD	L	1to1.6	1to2.1	1to2.3	1to2.2	1to2.1					
a	.087	.119	.150	.214	.240						
a	.077	.109	.140	.200	.225						
b	.321	.416	.568	.693	.818						
b	.30	.398	.547	.669	.791						
c	.33	.37	.42	.47	.57						
RECESS No	2	2	3	4	4						
 90° COUNTERSUNK	L	1to1.6	2to2.1	2to2.3	3to2.2	3to2.1					
a	.065	.079	.110	.146	.161						
a	.057	.070	.100	.134	.148						
b	.252	.324	.440	.566	.648						
b	.236	.306	.419	.542	.621						
c	.33	.37	.42	.47	.57						
RECESS No	2	2	3	4	4						
 90° RAISED COUNTERSUNK	L	1to1.6	2to2.1	2to2.3	3to2.2	3to2.1					
a	.065	.079	.110	.146	.161						
a	.057	.070	.100	.134	.148						
b	.252	.324	.440	.566	.648						
b	.236	.306	.419	.542	.621						
c	.33	.37	.42	.47	.57						
H	.03	.038	.051	.068	.072						
RECESS No	2	2	3	4	4						
 120° RAISED COUNTERSUNK	L	1to1.6	1to2.1	2to2.3	2to2.2	3to2.1					
a	.056	.068	.092	.115	.138						
a	.051	.063	.086	.108	.130						
b	.284	.370	.500	.625	.750						
b	.268	.352	.479	.601	.723						
c	.33	.37	.42	.47	.57						
H	.031	.033	.047	.053	.070						
RECESS No	2	2	3	4	4						
 120° COUNTERSUNK	L		1to1.6	1to1.6	1to1.6	1to2.1					
a			.068	.092	.115	.138					
a			.063	.086	.108	.130					
b			.370	.500	.625	.750					
b			.352	.479	.601	.723					
c			.37	.42	.47	.57					
RECESS No			2	3	4	4					

TYPE OF HEAD	PART No
ROUND	A.S. 4597
MUSHROOM	A.S. 4598
90° COUNTERSUNK	A.S. 3294
90° RAISED C'S'K.	A.S. 3295
120° R. 15° D C'S'K.	A.S. 3296
120° COUNTERSUNK	A.S. 3297

MATERIAL :
HIGH TENSILE STEEL
SPEC : S. 105.
FINISH : CADMIUM.

METHOD OF CALLING UP.
A HIGH TENSILE STEEL 90° C'S'K "PHILLIPS" RECESS BOLT 5/8 PLAIN LENGTH x 1/4" B.S.F. WILL BE AS.3294/5E.

BOLTS - "PHILLIPS" RECESS HEAD (Iss. 5)

THE DE HAVILLAND AIRCRAFT COMPANY LTD., HATFIELD, HERTS.

TYPE OF BOLT HEAD SPECIFICATION. FINISH. 90° COUNTERSUNK. 90° RAISED COUNTERSUNK. ROUND. MUSHROOM.	BASIC PART No OF BOLT						
	H.T. STEEL	STAINLESS	STL	LIGHT	ALLOY		
	S. 96	S. 80	L. 65				
	CADMIUM	NATURAL	ANODIC (BLUE)				
	AS. 1242	AS. 2920	AS. 4563				
	AS. 1244	AS. 2921	AS. 4564				
	AS. 1246	AS. 2922	AS. 4565				
	AS. 1248	AS. 2923	AS. 4566				
BOLT SIZE	4 BA	2 BA 1/4"	BSF 5/16"	BSF 7/8"	BSF 7/16"	BSF 1/2"	BSF
IDENT: LETTER	B	C	E	G	J	L	N
	.1 TO	.1 TO	.2 TO	.2 TO	.2 TO	.2 TO	.3 TO
STEEL	5.3	5.3	5.4	5.4	5.4	5.4	5.4
L	.1 TO	.1 TO	.2 TO	.2 TO	.2		
L.A.	3.7	3.7	3.8	3.8			

THE DE HAVILLAND AIRCRAFT COMPANY LTD. HATFIELD, HERTS.

PLAIN
LENGTH
"L"

SUFFIX CODES FOR LENGTH & DIAMETER

BOLT SIZE	1/4" BSF												7/16" BSF												1" BSF											
	6 B.A.	4 B.A.	2 B.A.	3/8" BSF			1/2" BSF			5/8" BSF			3/4" BSF			7/8" BSF			1" BSF																	
.1	1A	1B	1C	1E	1G																															
.2	2A	2B	2C	2E	2G	2J	2L	2N	2P	2Q	2S	2U	2W																							
.3		3B	3C	3E	3G	3J	3L	3N	3P	3Q	3S	3U	3W																							
.4	4A	4B	4C	4E	4G	4J	4L	4N	4P	4Q	4S	4U	4W																							
.5	5A	5B	5C	5E	5G	5J	5L	5N	5P	5Q	5S	5U	5W																							
.6	6A	6B	6C	6E	6G	6J	6L	6N	6P	6Q	6S	6U	6W																							
.7	7A	7B	7C	7E	7G	7J	7L	7N	7P	7Q	7S	7U	7W																							
.8	8A	8B	8C	8E	8G	8J	8L	8N	8P	8Q	8S	8U	8W																							
.9	9A	9B	9C	9E	9G	9J	9L	9N	9P	9Q	9S	9U	9W																							
1.0	10A	10B	10C	10E	10G	10J	10L	10N	10P	10Q	10S	10U	10W																							
1.1		11B	11C	11E	11G	11J	11L	11N	11P	11Q	11S	11U	11W																							
1.2	12A	12B	12C	12E	12G	12J	12L	12N	12P	12Q	12S	12U	12W																							
1.3	13A	13B	13C	13E	13G	13J	13L	13N	13P	13Q	13S	13U	13W																							
1.4	14A	14B	14C	14E	14G	14J	14L	14N	14P	14Q	14S	14U	14W																							
1.5	15A	15B	15C	15E	15G	15J	15L	15N	15P	15Q	15S	15U	15W																							
1.6	16A	16B	16C	16E	16G	16J	16L	16N	16P	16Q	16S	16U	16W																							
1.7	17A	17B	17C	17E	17G	17J	17L	17N	17P	17Q	17S	17U	17W																							
1.8	18A	18B	18C	18E	18G	18J	18L	18N	18P	18Q	18S	18U	18W																							
1.9	19A	19B	19C	19E	19G	19J	19L	19N	19P	19Q	19S	19U	19W																							
2.0	20A	20B	20C	20E	20G	20J	20L	20N	20P	20Q	20S	20U	20W																							
2.1	21A	21B	21C	21E	21G	21J	21L	21N	21P	21Q	21S	21U	21W																							
2.2	22A	22B	22C	22E	22G	22J	22L	22N	22P	22Q	22S	22U	22W																							
2.3	23A	23B	23C	23E	23G	23J	23L	23N	23P	23Q	23S	23U	23W																							
2.4	24A	24B	24C	24E	24G	24J	24L	24N	24P	24Q	24S	24U	24W																							
2.5	25A	25B	25C	25E	25G	25J	25L	25N	25P	25Q	25S	25U	25W																							
2.6	26A	26B	26C	26E	26G	26J	26L	26N	26P	26Q	26S	26U	26W																							
2.7	27A	27B	27C	27E	27G	27J	27L	27N	27P	27Q	27S	27U	27W																							
2.8		28B	28C	28E	28G	28J	28L	28N	28P	28Q	28S	28U	28W																							
2.9		29B	29C	29E	29G	29J	29L	29N	29P	29Q	29S	29U	29W																							
3.0		30B	30C	30E	30G	30J	30L	30N	30P	30Q	30S	30U	30W																							
3.1		31B	31C	31E	31G	31J	31L	31N	31P	31Q	31S	31U	31W																							
3.2		32B	32C	32E	32G	32J	32L	32N	32P	32Q	32S	32U	32W																							
3.3		33B	33C	33E	33G	33J	33L	33N	33P	33Q	33S	33U	33W																							
3.4		34B	34C	34E	34G	34J	34L	34N	34P	34Q	34S	34U	34W																							
3.5		35B	35C	35E	35G	35J	35L	35N	35P	35Q	35S	35U	35W																							
3.6		36B	36C	36E	36G	36J	36L	36N	36P	36Q	36S	36U	36W																							
3.7		37B	37C	37E	37G	37J	37L	37N	37P	37Q	37S	37U	37W																							
3.8		38B	38C	38E	38G	38J	38L	38N	38P	38Q	38S	38U	38W																							
3.9		39B	39C	39E	39G	39J	39L	39N	39P	39Q	39S	39U	39W																							
4.0		40B	40C	40E	40G	40J	40L	40N	40P	40Q	40S	40U	40W																							
4.1		41B	41C	41E	41G	41J	41L	41N	41P	41Q	41S	41U	41W																							
4.2		42B	42C	42E	42G	42J	42L	42N	42P	42Q	42S	42U	42W																							
4.3		43B	43C	43E	43G	43J	43L	43N	43P	43Q	43S	43U	43W																							
4.4		44B	44C	44E	44G	44J	44L	44N	44P	44Q	44S	44U	44W																							
4.5		45B	45C	45E	45G	45J	45L	45N	45P	45Q	45S	45U	45W																							
4.6		46B	46C	46E	46G	46J	46L	46N	46P	46Q	46S	46U	46W																							
4.7		47B	47C	47E	47G	47J	47L	47N	47P	47Q	47S	47U	47W																							
4.8		48B	48C	48E	48G	48J	48L	48N	48P	48Q	48S	48U	48W																							
4.9		49B	49C	49E	49G	49J	49L	49N	49P	49Q	49S	49U	49W																							
5.0		50B	50C	50E	50G	50J	50L	50N	50P	50Q	50S	50U	50W																							
5.1		51B	51C	51E	51G	51J	51L	51N	51P	51Q	51S	51U	51W																							
5.2		52B	52C	52E	52G	52J	52L	52N	52P	52Q	52S	52U	52W																							
5.3		53B	53C	53E	53G	53J	53L	53N	53P	53Q	53S	53U	53W																							
5.4				54E	54G	54J	54L	54N	54P	54Q	54S	54U	54W																							
5.5									55P	55Q	55S	55U	55W																							
5.6									56P	56Q	56S	56U	56W																							

. STANDARD BOLTS ARE CALLED UP IN PLAIN LENGTH ("L") INCREMENTS OF ".1

EXAMPLE: A BOLT WITH ".5 PLAIN LENGTH WILL BE:-

'PART No FOR BOLT TYPE' / 5 / 'CODE LETTER FOR BOLT DIA.'

. CERTAIN D.H.S. BOLTS HOWEVER ARE AVAILABLE IN PLAIN LENGTH ("L") INCREMENTS

OF ".05 OR HALF SIZES.

EXAMPLE: A BOLT WITH ".55 PLAIN LENGTH WILLBE:-

'PART No FOR BOLT TYPE' / 51/2 / 'CODE LETTER FOR BOLT DIA.'

BOLTS-PART NUMBER CODES (Iss. 1)

THE DE HAVILLAND AIRCRAFT COMPANY LTD. HATFIELD, HERTS.

SEE NOTE BELOW.

DRILL SIZE Z OF HOLE IN DETAIL.

SIZE OF THREAD	STRIP NUTS			COMMON DIMENSIONS			DOUBLE ANCHOR			COMMON DIMENSIONS			HEXAGON		SIZE OF THREAD										
	STANDARD A.G.S. 2015	THIN A.G.S. 2016	COUNTERSUNK A.G.S. 2017	STANDARD A.G.S. 2007	THIN A.G.S. 2008	COUNTERSUNK A.G.S. 2009	STANDARD A.G.S. 2001	THIN A.G.S. 2002	STANDARD A.G.S. 2001	THIN A.G.S. 2002															
MARK NO	DIM A	DIM A	DIM A	MARK NO	DIM A	DIM A	MARK NO	DIM A	MARK NO	DIM A	DIM A	DIM A	DIM A	DIM A	DIM A										
6 BA				A	241	A	201	A	241	193	25	27	70	056	A	176	A	131							
4 BA	B	28	B	235	B	28	172	60	028	NO II	B	284	B	237	B	284	248	35	38	94	065	B	217	B	169
2 BA	C	345	C	285	C	345	234	60	028	F	C	35	C	29	C	35	324	35	43	95	065	C	28	C	218
1/4 BSF	E	39	E	325	E	39	312	765	028	P	E	402	E	335	E	402	443	50	58	132	072	E	34	E	251
5/16 BSF	G	473	G	409	G	473	375	102	036	W	G	473	G	397	G	473	525	55	62	147	072	G	40	G	305

DRILL SIZE Z OF HOLE IN DETAIL.

SIZE OF THREAD	FLOATING ANCHOR			COMMON DIMENSIONS			SINGLE ANCHOR			COMMON DIMENSIONS			SIZE OF THREAD													
	STANDARD A.G.S. 2012	THIN A.G.S. 2013	COUNTERSUNK A.G.S. 2014	STANDARD A.G.S. 2018	THIN A.G.S. 2019	COUNTERSUNK A.G.S. 2020	STANDARD A.G.S. 2018	THIN A.G.S. 2019	COUNTERSUNK A.G.S. 2020	STANDARD A.G.S. 2018	THIN A.G.S. 2019	COUNTERSUNK A.G.S. 2020														
MARK NO	DIM A	DIM A	DIM A	MARK NO	DIM A	DIM A	MARK NO	DIM A	MARK NO	DIM A	MARK NO	DIM A	DIM A	DIM A	DIM A	DIM A	DIM A	DIM A	DIM A	DIM A	DIM A	DIM A	DIM A	DIM A	DIM A	
6 BA	A	23	A	20	A	23	14	50	432	70	036	NO 21	A	241	A	201	A	241	193	25	284	35	19	37	056	6 BA
4 BA	B	284	B	24	B	284	167	70	605	95	036	NO 11	B	284	B	237	B	284	248	35	38	473	25	49	065	4 BA
2 BA	C	35	C	29	C	35	225	70	605	95	036	F	C	35	C	29	C	35	324	35	43	475	30	54	065	2 BA
1/4 BSF	E	394	E	327	E	394	305	100	776	1315	036	P	E	402	E	335	E	402	443	50	58	66	48	72	072	1/4 BSF
5/16 BSF	G	473	G	39	G	473	360	110	102	142	036	W	G	473	G	397	G	473	525	55	632	71	57	82	072	5/16 BSF
3/8 BSF			J	45	J	490	420	120	115	1562	048	23/64	J	549	J	445	J	549	60	55	708	71	66	91	082	3/8 BSF
7/16 BSF													L	629	L	504	L	629	704	625	818	825	70	F05	082	7/16 BSF
1/2 BSF													H	721	H	565	H	721	818	70	928	90	64	119	082	1/2 BSF

ALL OTHER DIMS TO B.S. A. 27

ALL OTHER DIMS AS FOR A.G.S. 2007

SIZE OF THREAD	PART No.	DIM. A	SIZE OF THREAD	PART No.	DIM. A
4 BA	AGS. 2021/B/	.49	4 BA	AGS. 2023/B/	.49
2 BA	AGS. 2021/C/	.54	2 BA	AGS. 2023/C/	.54
1/4 BSF	AGS. 2021/E/	.60	1/4 BSF	AGS. 2023/E/	.60
5/16 BSF	AGS. 2021/G/	.65	5/16 BSF	AGS. 2023/G/	.65
3/8 BSF	AGS. 2021/J/	.755	3/8 BSF	AGS. 2023/J/	.755
7/16 BSF	AGS. 2021/L/	.81	7/16 BSF	AGS. 2023/L/	.81
1/2 BSF	AGS. 2021/N/	.86	1/2 BSF	AGS. 2023/N/	.86

METHOD OF CALLING UP
 THE A.G.S. PART NOS COVER ALL TYPES OF PROPRIETARY STIFFNUTS APPROVED TO R.A.E. SPECIFICATION AND DIMENSIONS QUOTED COVER THE MAXIMUM DIMENSIONS TO ALLOW REPLACEMENT BY ANY MAKE OF NUT. ALL ANCHOR NUTS ARE INTEGRAL PARTS OF CAGE & NUT FIXED TOGETHER. S.M. 'DE FRO' SINK 'R M' TERU'. STEE' NUT- STEE' C'OE, 'IGHT' 'OY NUT - 'IGHT' L' OY C' E. FOR PLAIN OR ANCHOR NUTS ONE MATERIAL REFERENCE ONLY IS REQUIRED AS GIVEN IN TABLE BELOW. IN THE CASE OF FLOATING ANCHOR OR STRIP NUTS, MILD STEEL ATTACHMENT PLATES OR STRIP ONLY IS TO BE CALLED UP IN WHICH CASE AN ALLOY MATERIAL IS 'ADDED' TO THE 'MATERIAL' CODE. MILD STEEL OR LIGHT ALLOY NUTS SHOULD ONLY BE USED UNLESS OTHER MATERIALS ARE SPECIALLY REQUIRED. N.B. LIGHT ALLOY IS SUITABLE FOR ANTI-MAGNETIC REQUIREMENTS.

SUFFIX No	MATERIAL	SPEC. OF CAGE	SPEC. OF NUT/SH
2	MILD STEEL	S.S. Or S.84	D.T.D. 650. CADMIUM
3	NON-CORRODIBLE	S.S. Or DTD. 10	DTD 423 or 364 MODIC
4	STEEL OR MONEL	D.T.D. 182.	B.J.I, B249 B161 ELECTRO-TIN
	LIGHT ALLOY	B.S. 409.	
	BRASS		

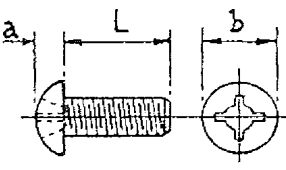
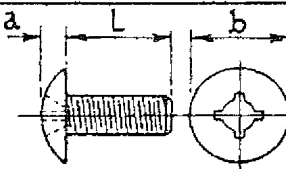
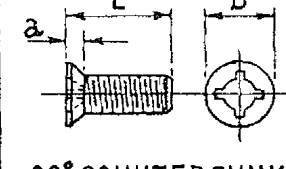
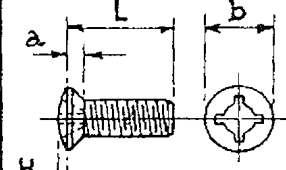
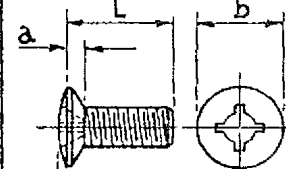
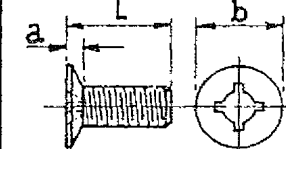
RESTRICTION IN THE USE OF STIFFNUTS
 1. STIFFNUTS MUST NOT BE USED IN APPLICATIONS SUCH THAT THE LOOSENING OF ONE NUT, SUFFICIENT TO REMOVE ALL TENSION FROM THE BOLT, MIGHT CAUSE:-
 (a) STRUCTURAL COLLAPSE (b) LOSS OF CONTROL (c) FAILURE OF MOTIVE POWER (d) UNINTENSIONAL RELEASE OR INABILITY TO RELEASE ARMAMENT STORE i.e. GUNS, BOMBS. (e) UNINTENSIONAL OPERATION OR INABILITY TO OPERATE UNDERCARRIAGE OR FLAPS.
 2. WHERE THERE IS ROTATION THAT WOULD TEND TO LOOSEN THE NUT.

NOTE: A.G.S. 2015/E/1 1/2" PITCH/25 WILL INCLUDE THE END 1/2 PITCH x 2+ DIM. 'S' x 2 MAKING TOTAL LENGTH OF 25 x 2" PITCHES = 52 1/2"

NUTS - A.G.S. STIFF (Iss.1)

THE DE HAVILLAND AIRCRAFT COMPANY LTD, HATFIELD, HERTS.

S. B.A.C. "A.S." SERIES — SCREWS

Diagram	SCREW SIZES							LENGTH "L"	PART NUMBERS						
	6BA	4BA	2BA	1/4BSF	1/8BSF	1/16BSF	1/32BSF		6BA	4BA	2BA	1/4BSF	1/8BSF	1/16BSF	1/32BSF
 <p>ROUND HEAD</p>	L	.3 TO 1.0	.3 TO 1.0	.3 TO 1.0	.4 TO 1.0	.5 TO 1.0	.5 TO 1.0	.3	3A	3B	3C				
	a	.085 .077	.106 .098	.133 .124	.174 .163	.214 .202	.253 .239	.4	4A	4B	4C				
	b	.208 .193	.268 .252	.30 .332	.472 .451	.91 .867	.70 .681	.5	5A	5B	5C	5E	5G	5J	
	RECESS No	1	2	2	3	3	4	.6	6A	6B	6C	6E	6G	6J	
	L		.7 TO 1.0	.7 TO 1.0	.7 TO 1.0	.7 TO 1.0	.7 TO 1.0	.7	7A	7B	7C	7E	7G	7J	
 <p>MUSHROOM HEAD</p>	L		.7 TO 1.0	.7 TO 1.0	.7 TO 1.0	.7 TO 1.0	.7 TO 1.0	.7	7A	7B	7C	7E	7G	7J	
	a		.087 .077	.119 .109	.150 .140	.214 .200	.240 .225	.8	8A	8B	8C	8E	8G	8J	
	b		.321 .305	.416 .398	.568 .547	.693 .669	.818 .791	.9	9A	9B	9C	9E	9G	9J	
	RECESS No		2	2	3	4	4	1.0	10A	10B	10C	10E	10G	10J	
	L	.3 TO 1.0	.3 TO 1.0	.3 TO 1.0	.4 TO 1.0	.5 TO 1.0	.5 TO 1.0								
 <p>90° COUNTERSUNK</p>	L	.3 TO 1.0	.3 TO 1.0	.3 TO 1.0	.4 TO 1.0	.5 TO 1.0	.5 TO 1.0								
	a	.052 .045	.05 .057	.079 .070	.110 .100	.146 .134	.161 .148								
	b	.194 .17	.252 .36	.324 .36	.440 .419	.566 .542	.648 .621								
	RECESS No	1	2	2	3	4	4								
	L	.3 TO 1.0	.3 TO 1.0	.3 TO 1.0	.4 TO 1.0	.5 TO 1.0	.5 TO 1.0								
 <p>90° RAISED C'SK</p>	L	.3 TO 1.0	.3 TO 1.0	.3 TO 1.0	.4 TO 1.0	.5 TO 1.0	.5 TO 1.0								
	a	.052 .045	.065 .057	.079 .070	.110 .100	.146 .134	.161 .148								
	b	.194 .179	.252 .236	.324 .306	.440 .419	.566 .542	.648 .621								
	H	.023	.030	.038	.051	.068	.072								
	RECESS No	1	2	2	3	4	4								
 <p>120° RAISED C'SK</p>	L		.4 TO 1.0	.4 TO 1.0	.5 TO 1.0	.6 TO 1.0	.6 TO 1.0								
	a		.056 .051	.068 .063	.092 .086	.115 .108	.138 .130								
	b		.284 .268	.370 .352	.500 .479	.625 .601	.750 .723								
	H		.031	.033	.047	.053	.070								
	RECESS No		2	2	3	4	4								
 <p>120° COUNTERSUNK</p>	L		.4 TO 1.0	.4 TO 1.0	.5 TO 1.0	.6 TO 1.0									
	a			.068 .063	.092 .086	.115 .108									
	b			.370 .352	.500 .479	.625 .601									
	RECESS No			2	3	4									
	L			.4 TO 1.0	.5 TO 1.0	.6 TO 1.0									

TY. OF HEAD	PAR. No
ROUND HEAD	A.S. 2991
MUSHROOM	A.S. 2992
90° COUNTERSUNK	A.S. 2993
90° RAISED C'SK	A.S. 2994
120° RAISED C'SK	A.S. 2995
120° COUNTERSUNK	A.S. 2996

METHOD OF CALLING UP.
 A 90° C'SK SCREW "5
 LONG x 2 B.A. WILL BE :-
 A.S.2993 / 5 / C

BASIC AWING NUMBER	OVERALL LENGTH "L" IN TENTHS OF AN INCH	SYMBOL F... SHANK DIA
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NOTES:-

THESE SCREWS ARE AIRCRAFT QUALITY BUT MADE FROM COMMERCIAL STEEL OF 25 TONS U.T.S. AND MUST NOT BE USED WHERE IN THE EVENT OF FAILURE THE SAFETY OF THE AIRCRAFT WOULD BE AFFECTED.

SCREWS - "PHILLIPS" RECESS HEAD (Iss.3)

THE DE HAVILLAND AIRCRAFT COMPANY LTD, HATFIELD, HERTS.

LOW TENSILE SCREWS — BASIC PART NUMBERS | PART NO? LENGTH & DIA.

COMM. QUALITY	MILD	MILD	TEEL	STAINLESS	ALUMI	BRASS	LE	2 BA	4 BA	6 BA
MIN TENSILE STRENGTH	23 TONS	33	20	20						
FINISH	CADMIUM		UNFINISHED							
CHEESE HEAD	A 55	A 56	A 57	A 48						
ROUND HEAD	A 32	A 33	A 40	A 44						
90° CSK HEAD	A 35	A 36	A 42	A 45						
90° RAISED CSK	A 34	A 38	A 41	A 46						

<p>CHEESE</p>	SIZE	2 BA	4 BA	6 BA	1/16	C14	B14	A14
	DIA. "A"	.319	.242	.194	1/2"	C16	B16	A16
<p>ROUND</p>	"B"	.130	.101	.078	9/16"			A18
	"C"	.050	.040	.030	5/8"	C 0	B 20	A 20
<p>90° C'SK</p>	"C1"	.009	.007	.005	3/4"	C24	B 24	A 24
	DIA. "A"	.319	.252	.194	7/8"	C28	B 28	A 28
<p>90° RAISED C'SK</p>	"B"	.123	.095	.073	1"	C32	B 32	A 32
	"C"	.090	.070	.050	1 1/8"	C36	B 36	A 36
	"E"	.010	.010	.009	1 1/4"	C40	B 40	A 40
	"M"	.036	.029	.023	1 3/8"	C44	B 44	A 44
					1 1/2"	C48	B 48	A 48

PLAIN LENGTH "C" & "C1"
 ROUND AND CHEESE HEAD
 "CREWS" "BOV" TH" H"AVY
 LINE HAVE PLAIN LENGTH "C"
 AND THOSE BELOW "C1"

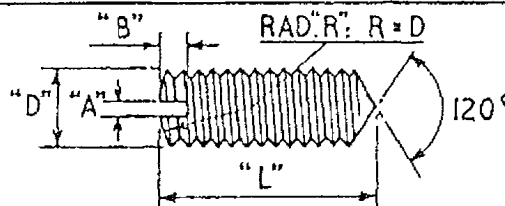
NOTES

1. THESE SCREWS ARE AIRCRAFT QUALITY BUT MANUFACTURED FROM COMMERCIAL MATERIAL.
2. THE ABOVE RANGE OF SCREWS INCLUDE B, 10 & 12 B.A. SIZES AND INFORMATION MAY BE OBTAINED BY REFERRING TO THE RELEVANT SPECIFICATION.

METHOD OF CALLING UP

A ROUND HEAD MILD STEEL SCREW 2 B.A. X 3/4" LONG IS :- A32.C.24.

PART NUMBER	COMMERCIAL MATERIAL	FINISH
A.55	MILD STEEL	CADMIUM
A.56	STAINLESS	—



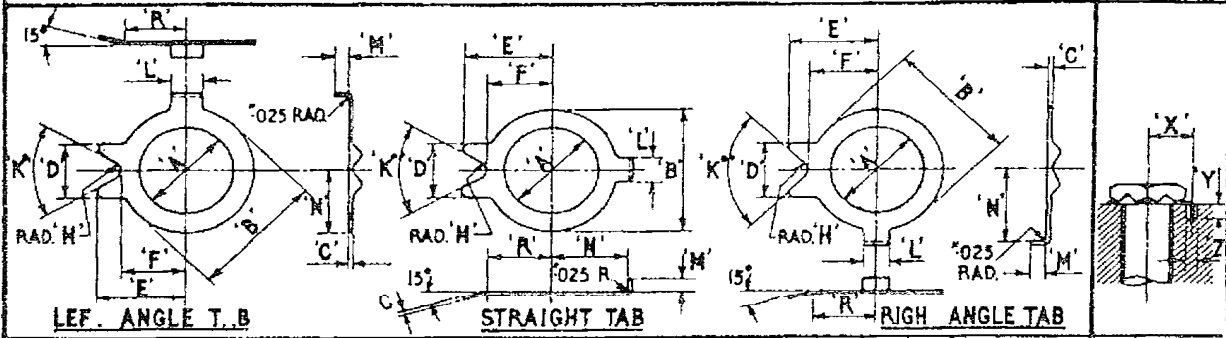
DIA. SIZE	DIA. "D"	WIDTH OF SLOT "A"		DEPTH OF SLOT "B"		PART NUMBERS - LENGTH "L"								
		MIN.	MAX.	MIN.	MAX.	5/16	1/4	3/16	3/8	1/2	5/8	3/4	7/8	
6 B.A.	.110	.025	.031	.030	.050	A3	A4	A5	A6	A8				
4 B.A.	.142	.029	.035	.040	.065		B4	B5	B6	B8	B10			
2 BA	.185	.037	.043	.050	.080			C5	C6	C8	C10	C12		
1/4" B.S.F.	.25	.054	.060	.070	.100				E6	E8	E10	E12	E14	

METHOD OF CALLING UP

A MILD STEEL GRUB SCREW 4 B.A. X 1/2" LONG IS A.55. B8.

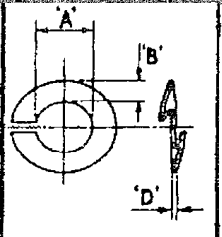
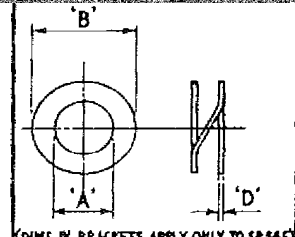
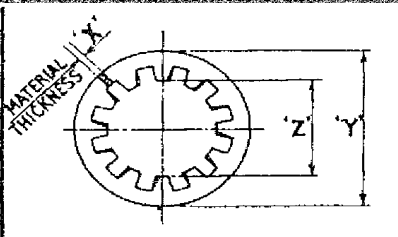
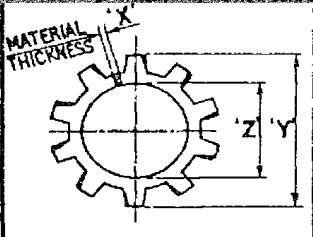
SCREWS - SLOTTED & GRUB (Iss. 1)

THE DE HAVILLAND AIRCRAFT COMPANY LTD., HATFIELD, HERTS.



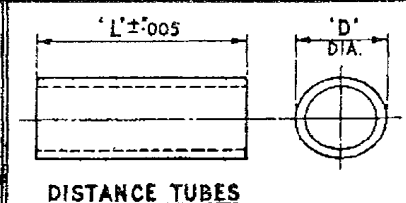
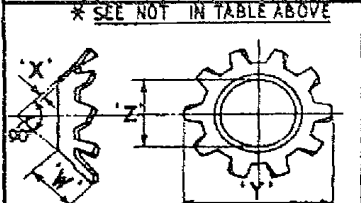
TO SUIT	STRAIGHT TAB	RIGHT ANGLE TAB	LEFT ANGLE TAB	MILD STAIN STEEL	STAIN LESS	DEVEL -OPEN	RAD	DRILL DIA
BOLT	MILD STAIN	MILD STAIN	MILD STAIN	1/16	1/8			
51 E	PART N	PART AT	PART N					
BA	SP4 C	SP43 C	SP44 C	SP43 G	SP46 C			
4 B.F.	SP4 E	SP42 E	SP43 E	SP44 E	SP45 E			
B.S.F.	SP4 G	SP42 G	SP43 G	SP44 G	SP45 G			
52 F	SP4 J	SP42 J	SP43 J	SP44 J	SP45 J			
B.S.F.	SP4 L	SP42 L	SP43 L	SP44 L	SP45 L			
SP4 N	SP42 N	SP43 N	SP44 N	SP45 N	SP46 N			
SP4 P	SP42 P	SP43 P	SP44 P	SP45 P	SP46 P			
53 S	SP4 Q	SP42 Q	SP43 Q	SP44 Q	SP45 Q			
54 T	SP4 S	SP42 S	SP43 S	SP44 S	SP45 S			
55 U	SP4 V	SP42 V	SP43 V	SP44 V	SP45 V			
B.S.F.	SP4 W	SP42 W	SP43 W	SP44 W	SP45 W			

Q1 THESE WASHERS ARE APPLICABLE TO TAB E OR TAB F. IF TAB F IS USED THESE WASHERS MUST COMPLY WITH P. DIMENSION 'Z' NOT DIMENSION 'Y' OF STD. CHAR. 400. PARA. J STANDARD A OR B. A.S. CHAR. 400 IN 4.7 STAR 'X'



'SHAKEPROOF' FLAT EXTERNAL TEETH 'SHAKEPROOF' INTERNAL TEETH DOUBLE SPRING SINGLE SPRING

TO SUIT BOLT SIZE	SPRING STEEL				PHOSPHOR BRONZE				COMMON DIM.	SPRING STEEL			PHOSPHOR BRONZE			SPRING STEEL				
	PART NUMBER	DIA. 'Z'	DIA. 'Y'	DIM. 'X'	PART NUMBER	DIA. 'Z'	DIM. 'X'	PART NUMBER		DIA. 'Z'	DIM. 'X'	DIM. 'Y'	SPRING STEEL: PART NUMBER	PHOSPHOR BRONZE: PART NUMBER	1/2 DIA. 'A'	3/4 DIA. 'B'	DIM. 'D'	PART NUMBER	1/2 DIA. 'A'	3/4 DIA. 'B'
6 B.A.	A.G.S. 2034 A	.123	.233	.018	A.G.S. 2037 A	.119	.014	A.G.S. 2035 A	.119	.018	.233	SP 55 A	SP 56 A	.141	.237	.032	SP 47 A	.119	.036	.036
4 B.A.	A.G.S. 2034 B	.153	.315	.018	A.G.S. 2037 B	.153	.014	A.G.S. 2035 B	.153	.018	.303	SP 55 B	SP 56 B	.172	.300	.032	SP 47 B	.140	.072	.036
2 B.A.	A.G.S. 2034 C	.203	.405	.024	A.G.S. 2037 C	.203	.021	A.G.S. 2035 C	.197	.021	.403	SP 55 C	SP 56 C	.203	.363	.032	SP 47 C	.193	.092	.048
1/4 B.S.F.	A.G.S. 2034 E	.263	.505	.030	A.G.S. 2037 E	.268	.024	A.G.S. 2035 E	.268	.024	.471	SP 55 E	SP 56 E	.281	.513	.040	SP 47 E	.238	.128	.056
1/8 B.S.F.	A.G.S. 2034 G	.333	.398	.030				A.G.S. 2035 G	.330	.030	.605	SP 55 G	SP 56 G	.344	.576	.048	SP 47 G	.320	.140	.064
3/8 B.S.F.	A.G.S. 2034 J	.393	.692	.035				A.G.S. 2035 J	.393	.035	.692	SP 55 J	SP 56 J	.408	.694	.048	SP 47 J	.383	.160	.072
1/2 B.S.F.	A.G.S. 2034 L	.438	.788	.040				A.G.S. 2035 L	.451	.035	.766	SP 55 L	SP 56 L	.469	.757	.064	SP 47 L	.439	.176	.072
5/8 B.S.F.	A.G.S. 2034 N	.525	.875	.040				A.G.S. 2035 N	.515	.040	.880	SP 55 N	SP 56 N	.516	.851	.064	SP 47 N	.510	.210	.080
7/8 B.S.F.	A.G.S. 2034 P	.590	.976	.040				A.G.S. 2035 P	.582	.040	.976	SP 55 P	SP 56 P	.625	1.009	.064	SP 47 P	.574	.230	.092
1 B.S.F.	A.G.S. 2034 Q	.649	1.070	.045				A.G.S. 2035 Q	.647	.045	1.070	SP 55 Q	SP 56 Q	.656	1.072	.080	SP 47 Q	.626	.260	.104



METHOD OF CALLING UP.
 PART NO INDICATING MATERIAL AND S.W.G.
 DIAMETER 'D', DENOTED BY A STROKE # INDICATING THE DIAMETER IN 1/16"
 LENGTH 'L', DENOTED BY A SECOND STROKE # GIVING THE LENGTH TO NEAREST .01"
 USE PREFIX 'O' FOR LENGTHS BELOW 1"0
EXAMPLE:
 A 1/16" DIA. LIGHT ALLOY DISTANCE TUBE IN 20 S.W.G. x .75 LONG WILL BE AS. 2810 / 7 / 075

'SHAKEPROOF' COUNTERSUNK EXT. TEETH

TO SUIT BOLT SIZE	SPRING STEEL				
PART NUMBER	DIA. 'Z'	DIA. 'Y'	DIM. 'X'	DIM. 'W'	
4 B.A. A.G.S. 2036 A	.153	.300	.018	.084	
A.G.S. 2036 B	.148	.290		.076	
2 B.A. A.G.S. 2036 C	.192	.365	.021	.091	

MILD STEEL	SPECS: T.35 OR T.45	LIGHT ALLOY	SPECS: T.4 D.T.D.450 OR 460
PART NO	S.W.G.	PART NO	S.W.G.
A.S. 2806	22	A.S. 2809	22
A.S. 2807	20	A.S. 2810	20
A.S. 2808	17	A.S. 2811	17

DISTANCE TUBES TO SUIT BOLT SIZES

BOLT SIZE	TUBE S.W.G. & DIA. CLEAR	TUBE NOM. S.W.G. & DIA. CLEAR	ROV. ANGLE IS ON DIA.	TUBE S.W.G. & DIA. CLEAR	ROV. ANGLE IS ON DIA.
4 B.A.	1/4 x 22 G	.052	1/4 x 20 G	.037	
2 B.A.	1/4 x 22 G	.009	1/8 x 17 G	.015	1/8 x 20 G
1/4 B.S.F.	1/8 x 22 G	.006	3/8 x 17 G	.013	3/8 x 20 G
3/8 B.S.F.	3/8 x 22 G	.007	1/2 x 17 G	.013	1/2 x 20 G
1/2 B.S.F.	1/2 x 22 G	.008	3/4 x 17 G	.013	3/4 x 20 G

WASHERS—LOCKING & DISTANCE TUBES (Iss. 6)

