

EXAMPLE OF PART NUMBER

COLLAR


ABS0258 - 5 A

DESIGNATION

BASIC PART NUMBER

DIAMETER CODE

CODE FOR PROTECTION

Page	01	02	03	04	05						
Iss./Rev.	(4)	(4)	(4)	(4)	(4)						
Approved AIRBUS INDUSTRIE 		Title							Classification		
		COLLAR-HI-LOK*, TYPE 303Se STAINLESS STEEL							ABS0258		
		Issue: 09/86    Revision: (2) 09/91 (3) 03/93 (4) 06/99							Page 01                      of                      05		

**TABLE**

DIAMETER CODE			-5	-6		-8	
PIN NOMINAL	in		5/32	3/16	13/64	1/4	17/64
DIAMETER	mm		4,0	4,8	5,2	6,4	6,8
THREAD MIL-S-8879			.1640-32UNJC-3B	.1900-32UNJC-3B	.2500-28UNJF-3B		
A DIA	in	MAX.	.292	.322	.422		
		MIN.	.288	.318	.418		
	mm	MAX.	7,42	8,18	10,72		
		MIN.	7,32	8,08	10,62		
B DIA	in	MAX.	.173	.212	.272		
		MIN.	.166	.208	.268		
	mm	MAX.	4,39	5,38	6,91		
		MIN.	4,22	5,28	6,81		
L	in	MAX.	.447	.457	.552		
		MIN.	.427	.437	.532		
	mm	MAX.	11,35	11,61	14,02		
		MIN.	10,85	11,10	13,51		
L1 REF.	in		.270	.280	.340		
	mm		6,86	7,11	8,64		
P REF.	in		.344	.380	.484		
	mm		8,74	9,65	12,29		
W HEX	in	MAX.	.314	.346	.440		
		MIN.	.302	.332	.425		
	mm	MAX.	7,98	8,79	11,18		
		MIN.	7,67	8,43	10,80		
X REF.	in		.107	.107	.112		
	mm		2,72	2,72	2,84		
UTS	N	MIN.	10230	12232	22241		
TORQUE OFF REF.	N.m		1,69 - 2,82	2,82 - 3,95	6,78 - 9,04		
WEIGHT	kg/1000 PARTS		1,02	1,28	2,52		

(4)

(4)

Classification

**ABS0258**

Page 02

Issue: 09/86 Revision: (1) 02/90 (2) 09/91 (3) 03/93 (4) 06/99

PUBLISHED AND DISTRIBUTED BY:

AIRBUS INDUSTRIE  
31700 BLAGNAC  
FRANCE

© COPYRIGHT AIRBUS INDUSTRIE 1987  
ALL RIGHT RESERVED

**TABLE (Cont)**

DIAMETER CODE			-10		-12		-14	
PIN NOMINAL	in		5/16	21/64	3/8	25/64	7/16	29/64
DIAMETER	mm		8,0	8,4	9,5	9,9	11,1	11,5
THREAD MIL-S-8879			.3125-24UNJF-3B		.3750-24UNJF-3B		.4375-20UNJF-3B	
A DIA	in	MAX.	.538		.649		.740	
		MIN.	.532		.642		.730	
	mm	MAX.	13,67		16,48		18,80	
		MIN.	13,51		16,31		18,54	
B DIA	in	MAX.	.336		.398		.463	
		MIN.	.330		.392		.457	
	mm	MAX.	8,53		10,11		11,76	
		MIN.	8,38		9,96		11,61	
L	in	MAX.	.672		.744		.862	
		MIN.	.652		.724		.842	
	mm	MAX.	17,07		18,90		21,89	
		MIN.	16,56		18,39		21,39	
L1 REF.	in		.430		.470		.560	
	mm		10,92		11,94		14,22	
P REF.	in		.484		.557		.840	
	mm		12,29		14,15		21,34	
W HEX	in	MAX.	.440		.503		.753	
		MIN.	.425		.488		.736	
	mm	MAX.	11,18		12,78		19,13	
		MIN.	10,80		12,40		18,69	
X REF.	in		.122		.122		.137	
	mm		3,10		3,10		3,48	
UTS	N	MIN.	36920		56492		84516	
TORQUE OFF REF.	N.m		14,69 - 18,08		22,60 - 27,12		30,51 - 37,29	
WEIGHT	kg/1000 PARTS		4,09		7,87		13,24	

(4)

Classification

**ABS0258**

Page 03

Issue: 09/86

Revision: (1) 02/90 (2) 09-91 (3) 03/93 (4) 06/99

PUBLISHED AND DISTRIBUTED BY:

**AIRBUS INDUSTRIE**  
31700 BLAGNAC  
FRANCE

© COPYRIGHT AIRBUS INDUSTRIE 1987  
ALL RIGHT RESERVED

Cont.)

TABLE (Cont.)

DIAMETER CODE			-16		-18		-20	
PIN NOMINAL	in		1/2	33/64	9/16	37/64	5/8	41/64
DIAMETER	mm		12,7	13,1	14,3	14,7	15,9	16,3
THREAD MIL-S-8879			.5000-20UNJF-3B		.5625-18UNJF-3B		.6250-18UNJF-3B	
A DIA	in	MAX.	.860		.915		.995	
		MIN.	.850		.905		.985	
	mm	MAX.	21,84		23,24		25,27	
		MIN.	21,59		22,99		25,02	
B DIA	in	MAX.	.528		.598		.661	
		MIN.	.522		.592		.655	
	mm	MAX.	13,41		15,19		16,79	
		MIN.	13,26		15,04		16,64	
L	in	MAX.	.942		1.029		1.123	
		MIN.	.922		1.009		1.103	
	mm	MAX.	23,93		26,14		28,52	
		MIN.	23,42		25,63		28,02	
L1 REF.	in		.610		.670		.735	
	mm		15,49		17,02		18,67	
P REF.	in		.970		.970		1.120	
	mm		24,64		24,64		28,45	
W HEX	in	MAX.	.878		.878		1.003	
		MIN.	.861		.861		.986	
	mm	MAX.	22,30		22,30		25,48	
		MIN.	21,87		21,87		25,04	
X REF.	in		.137		.145		.145	
	mm		3,48		3,68		3,68	
UTS	N	MIN.	113429		128998		142343	
TORQUE OFF	N.m		41,80 - 48,59		56,50 - 64,98		70,62 - 84,75	
WEIGHT kg/1000 PARTS			19,40		21,69		29,46	

Classification

**ABS0258**

Issue: 09/86

Revision: (1) 02/90 (2) 09/91 (3) 03-93 (4) 06-99

Page 04

**MATERIAL:** TYPE 303 Se STAINLESS STEEL PER ASTM A582 (AMS5640) (4)

**PROTECTION:** (CODE A) HI-KOTE 2 SOLID FILM LUBE PER HI-SHEAR SPEC. 292; AND CETYL ALCOHOL LUBE PER HI-SHEAR SPEC. 305  
 (CODE B) ~~PASSIVATE PER HI-SHEAR SPEC. 258; AND CETYL ALCOHOL LUBE PER HI-SHEAR SPEC. 305.~~  
 (CODE C) CADMIUM PLATE PER QQ-P-416, TYPE II, CLASS 2; AND CETYL ALCOHOL LUBRICANT PER HI-SHEAR SPEC. 305.

**PROCUREMENT SPECIFICATION:** HI-LOK PRODUCT SPEC. HS345+HS387 (4)

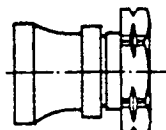
GO THREAD GAGE PENETRATION SHALL BE 3/4 OF ONE REVOLUTION MINIMUM.

DIMENSIONS APPLY AFTER FINISH

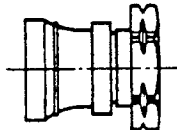
DIAMETER CODE INDICATES NOMINAL THREAD SIZE IN 1/32 NDS.

FOR USE ON STANDARDS AND 1/64" OVERSIZE HI-LOK PINS.

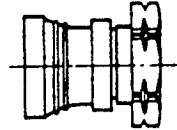
**MANUFACTURERS IDENTIFICATION:**



HI-SHEAR  
NONE RAISED BEAD  
INDICATE HI-SHEAR  
IDENTIFICATION



VOI-SHAN  
1 RAISED BEAD INDICATES  
VOI-SHAN IDENTIFICATION



SPS  
2 RAISED BEADS INDICATE  
STANDARD PRESSED STEEL  
IDENTIFICATION

1) CODE B CANCELLED 09/91. SUPERSEDED BY CODE A OR CODE C

Classification

**ABS0258**

Issue: 09/86

Revision: (4) 06/99

Page 05

PUBLISHED AND DISTRIBUTED BY:

AIRBUS INDUSTRIE  
31700 BLAGNAC  
FRANCE

© COPYRIGHT AIRBUS INDUSTRIE 1987  
ALL RIGHT RESERVED