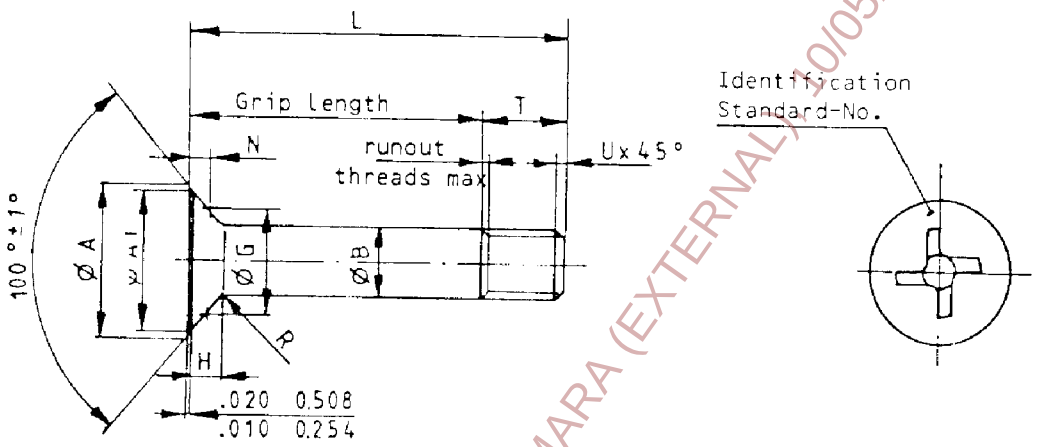
SELECTION EFFECTIVE FOR AIRCRAFT DIVISION



MATERIAL: Steel alloy per SPS M-107 or E 40 CDV 20 or equivalent

PROTECTION: Aluminum per A/DET 0012 + lubrication per A/DET 0013

NOTE:
- Mechanical reference data
  R min = 1520 MPa
  Rc min = 910 MPa
  Rockwell hardness HRc 46-50
- Concentricity
  - Conical surface of the head and diameter B: 0,076 (total comparator reading)
  - Diameter B and thread flank Ø: 0,114 (TCR) for codes 33 to 6 in.
    0,152 (TCR) for codes 7 to 10.
- The screws can be obtained from NSA 5452 screws without protection.
- Magnetic inspection 100 %, acceptance as per procurement spec.
- Maximum temperature for use: 400° C
- Tolerances ± 0,254 unless otherwise specified, for angles ± 2°

IDENTIFICATION:

ASN-A2010 - 10 - 42
- 42 — Number of length code
- 10 — Number of diameter code
- ASN-A2010 — Specification number

PROCUREMENT SPECIFICATION: Per IGC 04.45.115

Approved AIRBUS-INDUSTRIE	Title: SCREW - F/100 RECESS TORQ-SET RC MIN. 910 MPa UP TO 400° C	Classification: ASNA2010
	Issue: 3/81 Revision: (1) 9/82	Page 01 of 03

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Code No.	Thread	A max in	A max mm	A_1 min in	A_1 min mm	B in	B mm	H Part No. in	H Part No. mm	G +.0002 -0 in	G +0,005 -0 mm	N in	N mm
10	.625-18UNJF-3A	1.272	32.308	1.202	30.531	.6240 .6230	15,849 15,824	.270	6,858	1.1122	28,250	.0659 .0583	1,674 1,481

Code No.	R in	R mm	T Part No. in	T Part No. mm	U Part No. in	U Part No. mm
10	.062	1,575	.632	16,053	.070	1,778

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Length Code number	Grip length L ±.010 in.	Grip length L ±0,254 mm	10 in.	10 mm
3	.1875	4,762	.820	20,828
4	.250	6,350	.882	22,403
5	.3125	7,937	.945	24,003
6	.375	9,525	1.007	25,578
7	.4375	11,112	1.070	27,178
8	.500	12,700	1.132	26,753
9	.5625	14,287	1.194	30,327
10	.625	15,875	1.257	31,928
11	.6875	17,462	1.320	33,528
12	.750	19,050	1.382	35,103
13	.8125	20,637	1.444	36,677
14	.875	22,225	1.507	38,279
15	.9375	23,812	1.569	38,852
16	1.000	25,400	1.632	41,453
17	1.062	26,975	1.694	43,027
18	1.125	28,575	1.757	44,628
19	1.188	30,175	1.820	46,228
20	1.250	31,750	1.882	47,803
21	1.312	33,225	1.945	49,403
22	1.375	34,925	2.007	50,978
23	1.438	36,625	2.070	52,578
24	1.500	38,100	2.132	54,153
25	1.562	39,675	2.194	55,727
26	1.625	41,275	2.257	57,328
27	1.688	42,875	2.320	54,928
28	1.750	44,450	2.382	60,503
29	1.812	46,025	2.444	62,077
30	1.875	47,625	2.507	63,678
31	1.938	49,225	2.569	65,252
32	2.000	50,800	2.632	66,853
33	2.062	52,375	2.694	68,427
34	2.125	53,975	2.757	70,028
35	2.188	56,575	2.820	71,628
36	2.250	57,150	2.882	73,203
37	2.312	58,725	2.945	74,803
38	2.375	60,325	3.007	76,376
39	2.438	61,925	3.070	77,978
40	2.500	63,500	3.132	79,553
41	2.562	65,075	3.194	81,127
42	2.625	66,675	3.257	82,728
43	2.688	68,275	3.320	84,328
44	2.750	69,850	3.382	65,903
45	2.812	71,425	3.444	87,477
46	2.875	73,025	3.507	89,078
47	2.938	74,625	3.569	90,652
48	3.000	76,200	3.632	92,253
49	3,062	77,775	3.694	93,827
50	3.125	79,375	3.757	95,428
51	3.188	80,975	3.820	97,028

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