

## AEROSPACE STANDARD

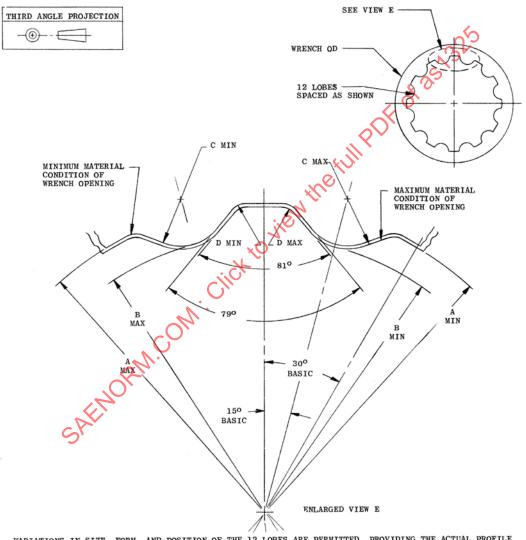
**SAE** AS1325

Issued 1973-09 Reaffirmed 2012-11

Wrench Configuration, 12 Lobed Drive

## **RATIONALE**

AS1325 has been reaffirmed to comply with the SAE five-year review policy.



VARIATIONS IN SIZE, FORM, AND POSITION OF THE 12 LOBES ARE PERMITTED, PROVIDING THE ACTUAL PROFILE FALLS WITHIN THE MAXIMUM AND MINIMUM MATERIAL CONDITIONS SHOWN.

TOOLS CONFORMING TO THIS STANDARD WILL WRENCH FASTENERS HAVING WRENCHING CONFIGURATIONS PER: AS 1159 LOBED, AS 870 DOUBLE HEXAGON, OR ASCC AIR STANDARD 17/2C HEXAGON.

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TABLE I INCHES (U.S. CUSTOMARY UNITS)

		MINIMUM MATERIAL CONDITION				MAXIMUM MATERIAL CONDITION			
DASH	NOMINAL	A	В	C	D	A	В	C	D
NO.	WRENCHING SIZE	DIA	DIA	RAD MIN	RAD MIN	DIA	DIA	RAD MAX	RAD MAX
	SEE NOTE							III.	MAA
06	.1875	. 229	. 202	.015	.005	. 225	.199	.019	.010
07	. 2188	. 265	. 234	.018	.005	. 261	. 231	.022	.010
08	. 2500	.301	. 266	. 020	.005	. 297	. 263	.024	.010
10	.3125	.375	. 333	.025	.010	.370	.329	.029	.015
12	.3750	. 446	.397	. 030	.010	.441	.393	.034	.015
14	. 4375	. 519	. 462	. 035	.015	. 514	. 458	. 039	.020
16	. 5000	. 592	. 528	. 040	.015	. 587	. 524	.044	20
18	. 5625	. 664	. 593	.045	.015	.658	. 588	.049	. 025
20	. 6250	.741	.659	.050	.015	. 735	. 654	. 054	. 025
22	.6875	.814	.724	.055	.020	,808	. 719	. 059	.030
24	.7500	. 887	.790	.060	.020	. 881	. 785	.064	.030
26	.8125	.960	.857	.065	.025	. 953	. 851	.069	.035
28	.8750	1.032	. 921	.070	.025	1.025	.915	.074	.035
30	. 9375	1.106	. 987	.075	.030	1.099	. 981	.079	.040
32	1.0000	1.177	1.052	.080	.030	1.170	1.046	.084	.040
34	1.0625	1.248	1.116	.085	. 035	1.241	1.110	.089	.045
36	1.1250	1.329	1.184	.090	.035	1.321	1.177	.094	.045
38	1.1875	1.401	1.249	095	.040	1.393	1.242	.099	. 050
40	1.2500	1.473	1.314	.100	.040	1.465	1.307	.104	.050
42	1.3125	1.546	1.379	.105	.045	1.538	1.372	.109	.055
44	1.3750	1.619	1.446	.110	,045	1.611	1.439	.114	.055
46	1.4375	1.692	1.512	.115	.050	1.683	1.504	.119	.060
48	1.5000	1.764	1.576	.120	. 050	1.755	1.568	. 124	060
50	1,5625	1.836	1.641	.125	.055	1.827	1.633	.129	. 065
52	1.6250	1.910	1.708	.130	.055	1.901	1.700	. 134	.065
54	1.6875	1.981	1.772	.135	.060	1.972	1.764	.139	.070
56	1.7500	2.055	1.838	.140	.060	2.046	1.830	.144	.070

NOMINAL WRENCHING SIZE VALUES INDICATE NOMINAL WIDTH ACROSS FLATS OF CORRESPONDING HEXAGON OR DOUBLE HEXAGON (12 POINT) WRENCHING CONFIGURATIONS.