

REV.  
A

SAE AS20218

FEDERAL SUPPLY CLASS  
3110

RATIONALE

AS20218 REV A IS A FIVE YEAR REVIEW AND UPDATE OF THIS SPECIFICATION.

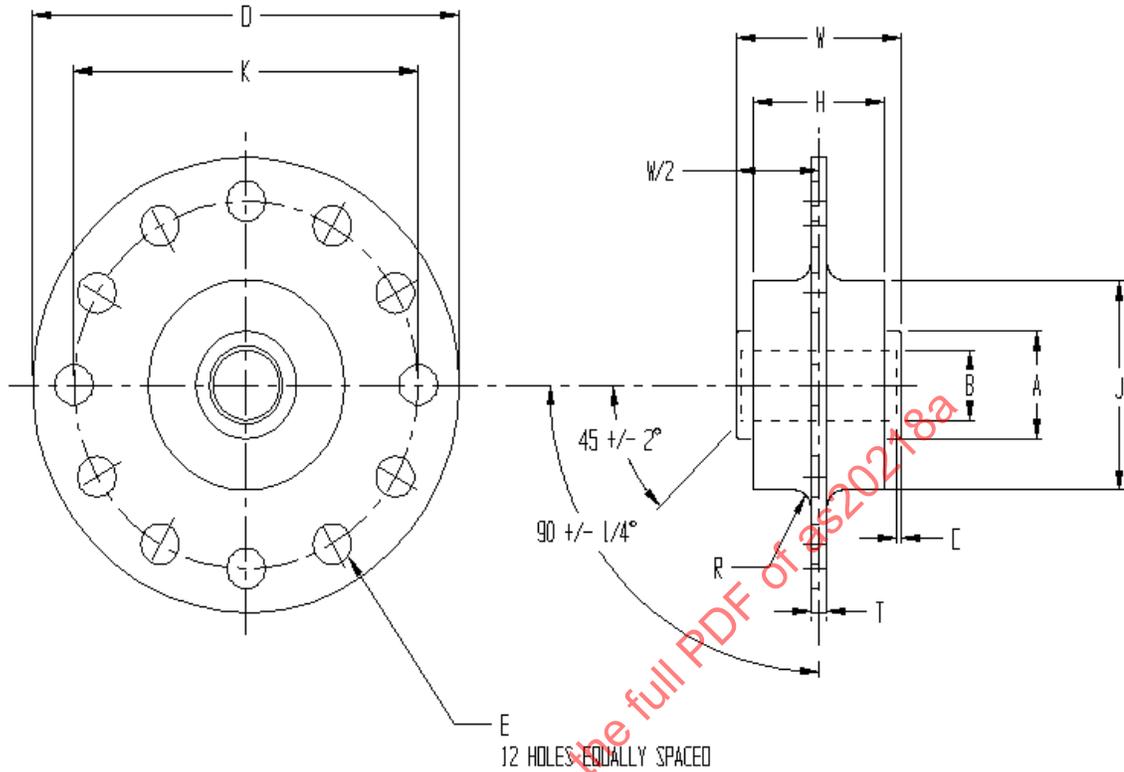


TABLE 1 – DIMENSIONS AND TOLERANCES

DASH NO.	BORE SIZE NOM	A MIN DIA /3	B +.0000 -0.0005 /1	C x 45° +.010 -0.005 /2 /3	D ±.010	E +.000 -0.005	H ±.005	J ±.010 /3	K ±.005	R +.010 -0.000 /3	T ±.005	W +.000 -0.005
-1	.2500	.382	.2500	.015	1.625	.145	.500	.750	1.312	.062	.062	.625
-2	.3125	.441	.3125	.015	1.687	.145	.562	.875	1.375	.062	.062	.687

DASH NO.	RADIAL PLAY MAX	AXIAL PLAY MAX	WOBBLE MAX	RADIAL STATIC CAPACITY LBS. MIN	AXIAL STATIC CAPACITY LBS. MIN.	RADIAL ENDURANCE LOAD LBS. MIN	LIMIT MOMENT RATING IN-LBS. MIN	WEIGHT LBS. MAX
-1	.0010	.0020	.0050	2770	700	500	414	.06
-2	.0010	.0020	.0050	3280	900	680	551	.08

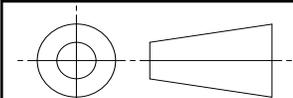
1/ OUT-OF-ROUND TOLERANCES: BORE: +.0002, -.0007.

2/ A RADIUS GIVING APPROXIMATELY THE SAME FILLET CLEARANCE WILL BE ACCEPTABLE.

3/ DIMENSIONS ARE TYPICAL.

SAE values your input. To provide feedback on this Technical Report, please visit <http://www.sae.org/technical/standards/AS20218a>

THIRD ANGLE PROJECTION



CUSTODIAN: ACBG

PROCUREMENT SPECIFICATION: AS6038

**SAE Aerospace**  
An SAE International Group

**AEROSPACE STANDARD**

(R) BEARING, BALL, ANTI-FRICTION, AIRFRAME

**SAE AS20218**  
SHEET 1 OF 2

REV.  
A

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