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1	2	3	4	5		
Drawing No		KE-BASE-2211-00099-B18.2.1-A307-B-1.3/4x3.3/4				
Dimension as per		ASME B18.2.1 (Table -6)	Chemical & Mechanical properties as per A 307			
Grade	B	Size	1.3/4"x3.3/4"	Status- <b>Approved</b>		
Title	Hex Bolt	Dated	11.05.2018	Proj.		
Thread per inch (TPI)	8 UNC	Mass/Weight	1.840 kg/piece			
Amendment						
Revision No.	Details	Dated	Remarks	Authorised by		
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> </div> <div style="width: 30%; text-align: center;"> <h3>Hex Bolt ASME B18.2.1 M-1.3/4"x3.3/4"</h3> </div> <div style="width: 30%;"> <p style="text-align: center;">'X' Enlarge View</p> </div> </div> <p style="margin-top: 10px;"> <b>Note:</b>              a. <math>\beta = 15^\circ</math> to <math>30^\circ</math>              b. Incomplete thread <math>\mu \leq 2P</math>.              c. Reference datum for <math>d_w</math>.              d. Maximum underhead fillet.         </p>						
		<b>Dimension in Inch</b>		<b>Dimension in mm</b>		
<b>Parameters</b>		<b>Symbol</b>	<b>Minimum</b>	<b>Maximum</b>	<b>Minimum</b>	
Head thickness		H	1.054	1.134	26.77	
Width A/F		F	2.538	2.625	64.47	
Width A/C		G	2.893	3.031	73.48	
Shank diameter		E	NA	NA	NA	
Major diameter		D	1.733	1.748	44.01	
Pitch diameter		D1	1.659	1.667	44.39	
Minor diameter		D2	1.594	-	40.50	
Threading length		LT	Full thread	Full thread	Full thread	
Shank length		LB	NA	NA	NA	
Total Shank length		Lg	NA	NA	NA	
Total length of bolt		L	3.681	3.818	93.50	
$d_a$		$d_a$	-	1.940	49.28	
$d_w$		$d_w$	2.362	-	60.01	
Radius of fillet		r	0.060	0.095	1.52	
c		c	0.015	0.035	0.38	
Chamfer		b	0.000	0.354	0.00	
Maximum Total Runout of Bearing Surface FIM (Specified proof load)		$\Psi$	0.046 max.			
		<b>Kapil Enterprises</b> 330 EHTP, HSIIDC, Kundli Industrial Estate Sonapat - Haryana-131028, Ph:9811009061 Email:sales@bigboltnut.com, kapil@roll-fast.com		 Drawn By Pankaj Kumar (Ass. QC Manager)	 Checked By Santosh Kumar (Plant Head-GM)	 Approved By Kapil Aggarwal CEO-MD
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