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1	2	3	4	5																								
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Drawing No</td> <td colspan="4"><b>KE-BASE-2211-00009-B18.2.1-A307-B-5/8x5</b></td> </tr> <tr> <td>Dimension as per</td> <td>ASME B18.2.1 (Table -6)</td> <td colspan="2">Chemical &amp; Mechanical properties as per</td> <td>A 307</td> </tr> <tr> <td>Grade</td> <td>B</td> <td>Size</td> <td>5/8"x5"</td> <td>Status- <b>Approved</b></td> </tr> <tr> <td>Title</td> <td>Hex Bolt</td> <td>Dated</td> <td>11.05.2018</td> <td rowspan="2">Proj. </td> </tr> <tr> <td>Thread per inch (TPI)</td> <td>11 UNC</td> <td>Mass/Weight</td> <td>0.214 kg/piece</td> </tr> </table>					Drawing No	<b>KE-BASE-2211-00009-B18.2.1-A307-B-5/8x5</b>				Dimension as per	ASME B18.2.1 (Table -6)	Chemical & Mechanical properties as per		A 307	Grade	B	Size	5/8"x5"	Status- <b>Approved</b>	Title	Hex Bolt	Dated	11.05.2018	Proj.	Thread per inch (TPI)	11 UNC	Mass/Weight	0.214 kg/piece
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<h3 style="margin: 0;">Hex Bolt ASME B18.2.1 M-5/8"x5"</h3> <div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="text-align: center;"> </div> <div style="text-align: center;"> </div> </div> <div style="margin-top: 20px;"> <div style="margin-left: 100px;"> <p><b>Note:</b></p> <p>a. <math>\beta = 15^\circ</math> to <math>30^\circ</math></p> <p>b. Incomplete thread <math>\mu \leq 2P</math>.</p> <p>c. Reference datum for <math>d_w</math></p> <p>d. Maximum underhead fillet.</p> </div> </div> <div style="text-align: right; margin-top: 20px;"> <p style="text-align: center;"><b>'X' Enlarge View</b></p> </div>																												
		<b>Dimension in Inch</b>		<b>Dimension in mm</b>																								
<b>Parameters</b>	<b>Symbol</b>	Minimum	Maximum	Minimum	Maximum																							
Head thickness	H	0.378	0.403	9.60	10.24																							
Width A/F	F	0.922	0.938	23.42	23.83																							
Width A/C	G	1.051	1.083	26.70	27.51																							
Shank diameter	E	0.617	0.625	15.67	15.87																							
Major diameter	D	0.611	0.623	15.52	15.82																							
Pitch diameter	D1	0.559	0.564	14.20	14.32																							
Minor diameter	D2	0.512	-	13.00	-																							
Threading length	LT	1.500	1.539	38.10	39.10																							
Shank length	LB	3.050	-	77.47	-																							
Total Shank length	LG	-	3.500	-	88.90																							
Total length of bolt	L	4.921	5.079	125.00	129.00																							
$d_a$	$d_a$	-	0.715	-	18.16																							
$d_w$	$d_w$	0.844	-	21.44	-																							
Radius of fillet	r	0.020	0.045	0.51	1.14																							
c	c	0.015	0.025	0.38	0.64																							
Chamfer	b	0.000	0.197	0.00	5.00																							
Maximum Total Runout of Bearing Surface FIM (Specified proof load)	$\Psi$	0.017 max.																										
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