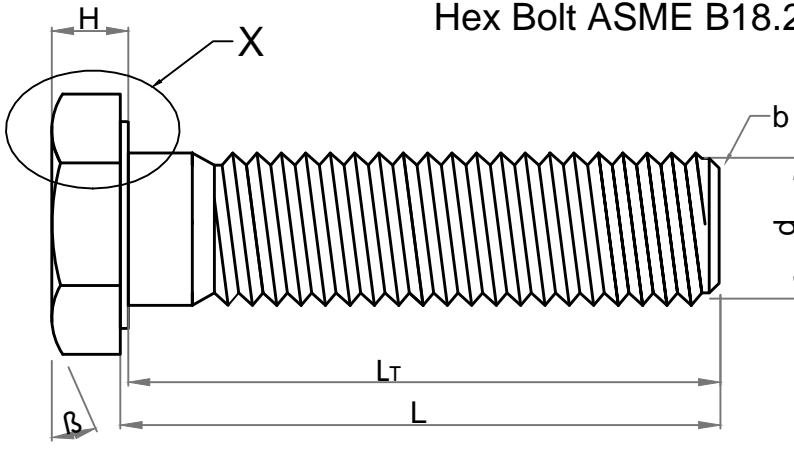
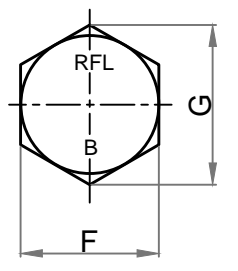
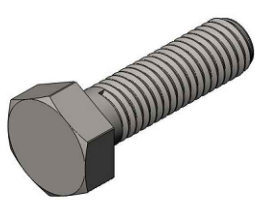
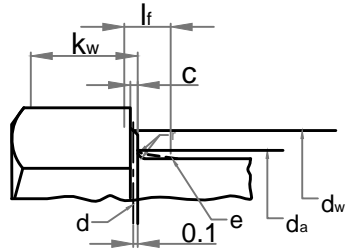

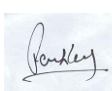




Note: This Drawing is the property of Kapil Enterprises-Kundli, and must not be copied or reproduced without permission or Written authorisation by Kapil Enterprises-Kundli

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">KE-BASE-2211-00089-B18.2.1-A307-B-1.1/2"x4.1/2"</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>1.1/2"x4.1/2"</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>8 UNC</td> <td>Mass/Weight</td> <td>1.440 kg/piece</td> </tr> </table>					Drawing No	KE-BASE-2211-00089-B18.2.1-A307-B-1.1/2"x4.1/2"				Dimension as per	ASME B18.2.1 (Table -6)	Chemical & Mechanical properties as per		A 307	Grade	B	Size	1.1/2"x4.1/2"	Status- <b>Approved</b>	Title	Hex Bolt	Dated	11.05.2018	Proj.	Thread per inch (TPI)	8 UNC	Mass/Weight	1.440 kg/piece
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<h3 style="margin: 0;">Hex Bolt ASME B18.2.1 M-1.1/2"x4.1/2"</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 style="text-align: right; margin-top: 20px;">  <p><b>'X' Enlarge View</b></p> </div> </div>																												
		<b>Dimension in Inch</b>		<b>Dimension in mm</b>																								
<b>Parameters</b>	<b>Symbol</b>	Minimum	Maximum	Minimum	Maximum																							
Head thickness	H	0.902	0.974	22.91	24.74																							
Width A/F	F	2.175	2.250	55.25	57.15																							
Width A/C	G	2.480	2.598	62.99	65.99																							
Shank diameter	E	NA	NA	NA	NA																							
Major diameter	D	1.483	1.498	37.66	38.04																							
Pitch diameter	D1	1.409	1.417	35.80	35.98																							
Minor diameter	D2	1.344	-	34.15	-																							
Threading length	LT	Full thread	Full thread	Full thread	Full thread																							
Shank length	LB	NA	NA	NA	NA																							
Total Shank length	Lg	NA	NA	NA	NA																							
Total length of bolt	L	4.431	4.568	112.55	116.05																							
$d_a$	$d_a$	-	1.690	-	42.93																							
$d_w$	$d_w$	2.025	-	51.44	-																							
Radius of fillet	r	0.060	0.095	1.52	2.41																							
c	c	0.015	0.035	0.38	0.89																							
Chamfer	b	0.000	0.315	0.00	8.00																							
Maximum Total Runout of Bearing Surface FIM (Specified proof load)	$\Psi$	0.039 max.																										
 <p><b>Kapil Enterprises</b> 330 EHTP, HSIIDC, Kundli Industrial Estate Sonapat - Haryana-131028, Ph:9811009061 Email:sales@bigboltnut.com, kapil@roll-fast.com</p>		 Drawn By Pankaj Kumar (Ass. QC Manager)	 Checked By Santosh Kumar (Plant Head-GM)	 Approved By Kapil Aggarwal CEO-MD																								
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