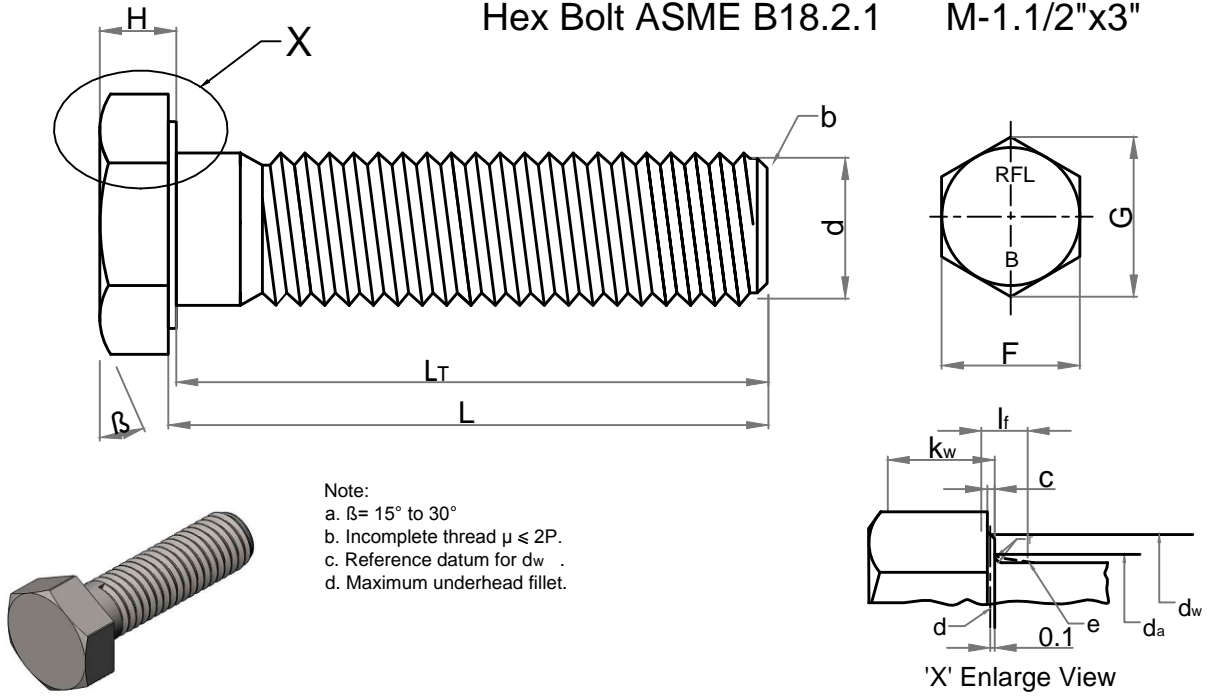






Note: This Drawing is the property of Kapil Enterprises-Kundli, and must not be copied or reproduced without permission or Written authorisation by Kapil Enterprises-Kundli

1	2	3	4	5	
Drawing No		KE-BASE-2211-00084-B18.2.1-A307-B-1.1/2x3			
Dimension as per		ASME B18.2.1 (Table -6)	Chemical & Mechanical properties as per A 307		
Grade		B	Size	1.1/2"x3"	
Title		Hex Bolt	Dated	11.05.2018	
Thread per inch (TPI)		8 UNC	Mass/Weight	1.120 kg/piece	
Proj.					
Amendment					
Revision No.	Details	Dated	Remarks	Authorised by	
<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  <p>Hex Bolt ASME B18.2.1 M-1.1/2"x3"</p> <p>Note: a. $\beta = 15^\circ$ to 30° b. Incomplete thread $\mu \leq 2P$. c. Reference datum for d_w. d. Maximum underhead fillet.</p> <p>'X' Enlarge View</p> </div> </div>					
		Dimension in Inch		Dimension in mm	
Parameters		Symbol	Minimum	Maximum	Minimum
Head thickness		H	0.902	0.974	22.91
Width A/F		F	2.175	2.250	55.25
Width A/C		G	2.480	2.598	62.99
Shank diameter		E	NA	NA	NA
Major diameter		D	1.483	1.498	37.66
Pitch diameter		D1	1.409	1.417	35.80
Minor diameter		D2	1.344	-	34.15
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	2.941	3.059	74.70
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
Chamfer		c	0.015	0.035	0.38
Chamfer		b	0.000	0.315	0.00
Maximum Total Runout of Bearing Surface FIM (Specified proof load)		Ψ	0.039 max.		
 <p>Kapil Enterprises 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	
1	2	3	4	5	