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Drawing No		KE-BASE-1199-00001-B18.2.2-A307-B-1/2																																																						
Dimension as per		ASME B18.2.2 (Table -3)	Chemical & Mechanical properties as per																																																					
Grade		B	Size	1/2"-13UNC																																																				
Title		Hex Nut	Dated	10.05.2018																																																				
Class		2B	Mass/Weight	0.022 kg/piece																																																				
		Proj.																																																						
Amendment																																																								
Revision No.	Details	Dated	Remarks	Authorised by																																																				
B				B																																																				
C				C																																																				
D	<p>$\beta = 15^\circ \text{ to } 30^\circ$ $\theta = 90^\circ \text{ to } 120^\circ$</p>			D																																																				
E	<p>Hex Nut ASME B18.2.2 1/2"x13UNC</p> <p>'A' Enlarge View</p>			E																																																				
F	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">Parameters</th> <th rowspan="2">Symbol</th> <th colspan="2">Dimension in Inch</th> <th colspan="2">Dimension in mm</th> </tr> <tr> <th>Minimum</th> <th>Maximum</th> <th>Minimum</th> <th>Maximum</th> </tr> </thead> <tbody> <tr> <td>Width A/F</td> <td>s</td> <td>0.736</td> <td>0.750</td> <td>18.80</td> <td>19.05</td> </tr> <tr> <td>Width A/C</td> <td>e</td> <td>0.840</td> <td>0.866</td> <td>21.34</td> <td>22.00</td> </tr> <tr> <td>Thickness</td> <td>m</td> <td>0.427</td> <td>0.448</td> <td>10.92</td> <td>11.43</td> </tr> <tr> <td>Thread per Inch</td> <td>TPI</td> <td colspan="2" style="text-align: center;">13 UNC</td> <td colspan="2" style="text-align: center;">13 UNC</td> </tr> <tr> <td>Minor diameter, Hole size before threading</td> <td>D2</td> <td>0.417</td> <td>0.434</td> <td>10.59</td> <td>11.02</td> </tr> <tr> <td rowspan="2">Runout of Bearing Face FIM (Specified proof load)</td> <td>Up to 150,000 psi</td> <td colspan="4" style="text-align: center;">0.019 max.</td> </tr> <tr> <td>150,000 psi & Greater</td> <td colspan="4" style="text-align: center;">0.014 max.</td> </tr> </tbody> </table>					Parameters	Symbol	Dimension in Inch		Dimension in mm		Minimum	Maximum	Minimum	Maximum	Width A/F	s	0.736	0.750	18.80	19.05	Width A/C	e	0.840	0.866	21.34	22.00	Thickness	m	0.427	0.448	10.92	11.43	Thread per Inch	TPI	13 UNC		13 UNC		Minor diameter, Hole size before threading	D2	0.417	0.434	10.59	11.02	Runout of Bearing Face FIM (Specified proof load)	Up to 150,000 psi	0.019 max.				150,000 psi & Greater	0.014 max.			
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G	<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																																																			
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