



outer diameter.

Pitch diameter

tolerance.

Tolerance of

minor diameter.

R tolerance of

minor.

Min

6.185

Min

5.698

Min

Min

 $\sim$ 

Max

6.350

Max

5.760

Max

5.237

Max

 $\sim$ 

Detween		r anu a	ONJE	uneau
shown in	the t	able on	the le	eft.

<ul> <li>As you can see from this table, the</li> </ul>
accuracy of the outer diameter and
pitch diameter is the same for UNF
series and UNJF 3A class of fit thread,
but the dimensions of the minor
diameters and Radius specifications
are different.

 That's why a UNJ series screw needs to be cut with a die for a UNJ series threads.



## <One point advice>

Reference size of

outer diameter.

6.350

Reference size of

pitch diameter.

5.761

Reference dimension of

minor diameter.

5.367

R tolerance of

minor diameter.

outer diameter.

Pitch diameter

tolerance.

Tolerance of

minor diameter.

R tolerance of

minor.

Min

6.185

Min

5.698

Min

5.185

Min

0.138

Max

Max

Max

5.303

Max

0.162

5.760

6.350

• When requesting a quotation and placing an order for an inch style UNJ external thread for aerospace threading, I strongly urge you to convey the nomenclature UNJC, UNJF or UNJEF and thread accuracy of the 3A class of fit. Additionally, please specify the minor diameter of the thread and the controlled root radius in the minor