

## Maximum Tensile (Load-to-Failure) values for bigHead Fasteners of type:

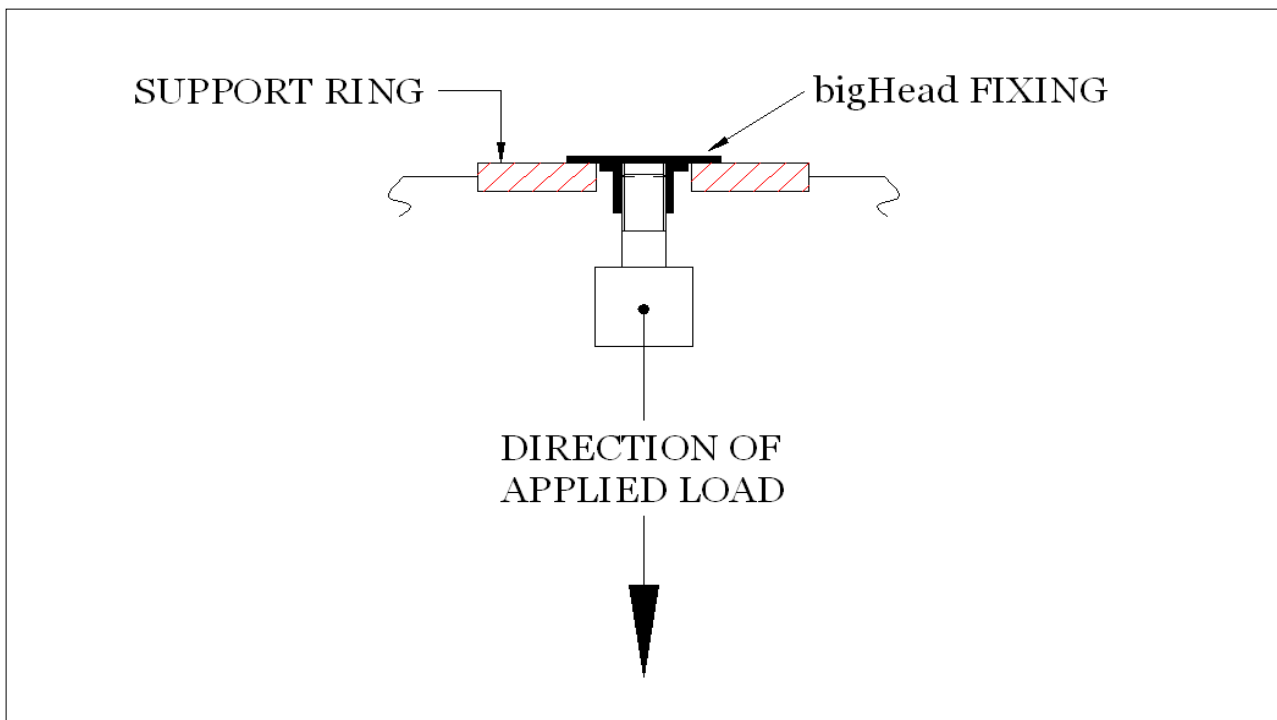
### Male & Female - Metric Series

- **Mild Steel BZP**

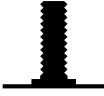
- **316 Stainless Steel**

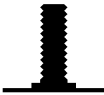
Figures quoted in the tables below are based on 'stand-alone' evaluation of each product type under the following test criterion:

bigHead placed through support ring 1mm diameter larger than the maximum diameter of the threaded fixing component. An axial load is then applied against the fixing/head welded joint.




The following data is provided for guidance purposes only.


	Male Threaded Stud Metric Series - Mild Steel				
	THREAD SIZE				
	M4	M5	M6	M8	M10
<b>bigHead part code (commencing):</b>	All values in KN (Kilonewtons)				
<b>M1/B15</b>	<b>1.9</b>	<b>1.9</b>	<b>2.2</b>	By Request	N/A
<b>M1/B19</b>	<b>1.1</b>	<b>2.2</b>	By Request	<b>1.5</b>	By Request
<b>M1/B20</b>	By Request	<b>4.0</b>	<b>4.1</b>	<b>3.7</b>	By Request
<b>M1/B23</b>	<b>2.0</b>	<b>3.2</b>	<b>4.2</b>	<b>3.2</b>	By Request
<b>M1/B30</b>	By Request	By Request	By Request	<b>4.4</b>	<b>5.0</b>
<b>M1/B38</b>	By Request	<b>3.8</b>	<b>3.0</b>	<b>2.3</b>	<b>3.0</b>
<b>M1/B50</b>	By Request	By Request	<b>5.4</b>	By Request	By Request
<b>M1/T38</b>	<b>1.6</b>	<b>4.9</b>	<b>5.3</b>	<b>4.0</b>	<b>3.1</b>
<b>M1/T40</b>	By Request	<b>3.9</b>	<b>3.4</b>	By Request	N/A


	Male Threaded Stud Metric Series - 316 Stainless Steel				
	THREAD SIZE				
	M4	M5	M6	M8	M10
<b>bigHead part code (commencing):</b>	All values in KN (Kilonewtons)				
<b>SM1/B15</b>	<b>4.6</b>	<b>3.2</b>	By Request	By Request	N/A
<b>SM1/B20</b>	By Request	By Request	<b>4.5</b>	By Request	By Request
<b>SM1/B23</b>	<b>3.1</b>	<b>4.5</b>	<b>3.5</b>	<b>4.5</b>	<b>3.6</b>
<b>SM1/B30</b>	By Request	By Request	By Request	<b>7.4</b>	By Request
<b>SM1/B32</b>	By Request	<b>6.9</b>	<b>8.3</b>	<b>9.8</b>	<b>7.2</b>
<b>SM1/B38</b>	By Request	By Request	By Request	<b>5.1</b>	<b>4.4</b>
<b>SM1/B50</b>	By Request	By Request	By Request	By Request	By Request
<b>SM1/B58</b>	By Request	By Request	<b>9.7</b>	By Request	<b>9.7</b>
<b>SM1/T38</b>	By Request	<b>3.7</b>	<b>7.0</b>	By Request	By Request


*Disclaimer:*  
All data provided within this document is for guidance purposes only. Physical performance requirements are at the user's discretion and subject to self-certification as fit-for-purpose. bigHead cannot be held responsible for the misuse or overloading of any fixing product supplied.

The following data is provided for guidance purposes only.

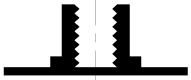
	<b>Female Blind Hex Metric Series - Mild Steel</b>					
	<b>THREAD SIZE</b>					
<b>bigHead part code (commencing):</b>	<b>M4</b>	<b>M5</b>	<b>M6</b>	<b>M8</b>	<b>M10</b>	<b>M12</b>
<b>All values in KN (Kilonewtons)</b>						
<b>F1/B19</b>	<b>2.1</b>	By Request	By Request	By Request	By Request	N/A
<b>F1/B23</b>	<b>2.5</b>	By Request	By Request	By Request	<b>1.3</b>	N/A
<b>F1/B38</b>	<b>3.2</b>	By Request	By Request	<b>2.6</b>	<b>3.0</b>	By Request
<b>F1/T38</b>	By Request	By Request	<b>2.1</b>	By Request	By Request	N/A


	<b>Female Sighted Hex Metric Series - Mild Steel</b>					
	<b>THREAD SIZE</b>					
<b>bigHead part code (commencing):</b>	<b>M4</b>	<b>M5</b>	<b>M6</b>	<b>M8</b>	<b>M10</b>	<b>M12</b>
<b>All values in KN (Kilonewtons)</b>						
<b>F1/S20</b>	<b>2.0</b>	By Request	<b>0.9</b>	By Request	N/A	N/A
<b>F1/S23</b>	By Request	By Request	<b>2.7</b>	<b>1.4</b>	By Request	N/A
<b>F1/S38</b>	By Request	By Request	<b>5.7</b>	By Request	<b>4.3</b>	<b>5.5</b>
<b>F1/S58</b>	By Request	By Request	By Request	<b>3.5</b>	By Request	<b>7.0</b>
<b>F1/ST38</b>	<b>3.7</b>	<b>4.1</b>	<b>1.6</b>	<b>1.5</b>	By Request	N/A

	<b>Female Blind Hex Metric Series - 316 Stainless Steel</b>					
	<b>THREAD SIZE</b>					
<b>bigHead part code (commencing):</b>	<b>M4</b>	<b>M5</b>	<b>M6</b>	<b>M8</b>	<b>M10</b>	<b>M12</b>
<b>All values in KN (Kilonewtons)</b>						
<b>SF1/B32</b>	By Request	By Request	By Request	By Request	By Request	By Request

	<b>Female Sighted Hex Metric Series - 316 Stainless Steel</b>						
	<b>THREAD SIZE</b>						
<b>bigHead part code (commencing):</b>	<b>M3</b>	<b>M4</b>	<b>M5</b>	<b>M6</b>	<b>M8</b>	<b>M10</b>	<b>M12</b>
<b>All values in KN (Kilonewtons)</b>							
<b>SF1/S23</b>	By Request	By Request	By Request	<b>3.4</b>	By Request	By Request	N/A
<b>SF1/S32</b>	By Request	By Request	By Request	<b>4.2</b>	<b>5.2</b>	<b>5.0</b>	By Request
<b>SF1/S38</b>	By Request	By Request	By Request	<b>3.7</b>	<b>1.7</b>	By Request	<b>2.5</b>
<b>SF1/S58</b>	By Request	By Request	By Request	By Request	By Request	By Request	<b>5.9</b>
<b>SF1/ST38</b>	By Request	<b>2.7</b>	<b>2.3</b>	<b>2.3</b>	<b>1.1</b>	By Request	N/A

The following data is provided for guidance purposes only.

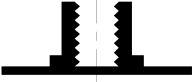
	<b>Female Blind Collar Metric Series - Mild Steel</b>				
	<b>THREAD SIZE</b>				
<b>bigHead part code (commencing):</b>	<b>M4</b>	<b>M5</b>	<b>M6</b>	<b>M8</b>	<b>M10</b>
<b>All values in KN (Kilonewtons)</b>					
<b>F2/B19</b>	By Request	By Request	<b>0.9</b>	<b>0.7</b>	By Request
<b>F2/B20</b>	By Request	By Request	By Request	By Request	By Request
<b>F2/B23</b>	By Request	By Request	<b>2.6</b>	<b>1.5</b>	<b>2.1</b>
<b>F2/B38</b>	<b>2.8</b>	By Request	<b>2.7</b>	<b>3.8</b>	<b>3.6</b>
<b>F2/T38</b>	By Request	By Request	<b>2.2</b>	<b>1.9</b>	<b>1.9</b>


	<b>Female Sighted Collar Metric Series - Mild Steel</b>				
	<b>THREAD SIZE</b>				
<b>bigHead part code (commencing):</b>	<b>M4</b>	<b>M5</b>	<b>M6</b>	<b>M8</b>	<b>M10</b>
<b>All values in KN (Kilonewtons)</b>					
<b>F2/S19</b>	N/A	By Request	<b>1.4</b>	By Request	By Request
<b>F2/S20</b>	<b>3.1</b>	By Request	<b>3.6</b>	By Request	By Request
<b>F2/S23</b>	By Request	By Request	<b>3.3</b>	<b>3.1</b>	<b>2.2</b>
<b>F2/S38</b>	By Request	By Request	<b>3.3</b>	<b>5.4</b>	By Request
<b>F2/ST38</b>	By Request	<b>1.8</b>	<b>3.3</b>	By Request	By Request

**Disclaimer:**

All data provided within this document is for guidance purposes only. Physical performance requirements are at the user's discretion and subject to self-certification as fit-for-purpose. bigHead cannot be held responsible for the misuse or overloading of any fixing product supplied.

The following data is provided for guidance purposes only.

	<b>Female Blind Collar Metric Series - 316 Stainless Steel</b>				
	<b>THREAD SIZE</b>				
<b>bigHead part code (commencing):</b>	<b>M4</b>	<b>M5</b>	<b>M6</b>	<b>M8</b>	<b>M10</b>
<b>All values in KN (Kilonewtons)</b>					
<b>SF2/B20</b>	By Request	<b>3.6</b>	By Request	By Request	By Request
<b>SF2/B23</b>	<b>3.7</b>	By Request	<b>4.0</b>	By Request	<b>2.2</b>
<b>SF2/B32</b>	<b>3.1</b>	<b>4.2</b>	<b>5.6</b>	<b>5.3</b>	By Request
<b>SF2/B38</b>	By Request	By Request	By Request	<b>3.9</b>	By Request
<b>SF2/B58</b>	By Request	By Request	<b>7.4</b>	By Request	By Request
<b>SF2/T38</b>	By Request	By Request	<b>5.1</b>	<b>2.0</b>	By Request

	<b>Female Sighted Collar Metric Series - 316 Stainless Steel</b>				
	<b>THREAD SIZE</b>				
<b>bigHead part code (commencing):</b>	<b>M4</b>	<b>M5</b>	<b>M6</b>	<b>M8</b>	<b>M10</b>
<b>All values in KN (Kilonewtons)</b>					
<b>SF2/S23</b>	<b>2.4</b>	<b>2.8</b>	By Request	By Request	<b>2.8</b>
<b>SF2/S32</b>	By Request	By Request	<b>6.6</b>	<b>7.1</b>	<b>8.3</b>
<b>SF2/S38</b>	By Request	By Request	<b>3.9</b>	<b>3.2</b>	By Request
<b>SF2/ST38</b>	<b>4.1</b>	<b>3.3</b>	<b>2.6</b>	<b>1.1</b>	<b>1.3</b>

**Disclaimer:**

All data provided within this document is for guidance purposes only. Physical performance requirements are at the user's discretion and subject to self-certification as fit-for-purpose. bigHead cannot be held responsible for the misuse or overloading of any fixing product supplied.