



SS Stainless Steel

Specification

- Steel
 - Property strength class 5
 - Blackened finish
 - Visible face fine turned
- Stainless steel AISI 303
 - Matte shot-blasted finish
- *Strength Values of Screws* → page QVX
- *Stainless Steel Characteristics* → page QVX
- RoHS compliant



ST

NI

Information

GN 653.2 knurled thumb screws can be used to prevent loss of the screw due to the d_4 recessed portion of the stud.

When using, instead of a typical tapped and bored hole, it is necessary to provide tapped bores with a thread d_1 on each of the two elements to be assembled. Additionally, a clearance bore of d_5 on one or both sides must be cut.

Depending on the design and required clamping length $a_1 - a_3$ of the component being attached, there are a number of assembly options as shown above.

see also...

- *Lanyard Rings GN 111.6* → page QVX
- *Star Knobs with Loss Protection GN 6336.13* → page QVX

How to order

GN 653.2-M6-30-NI

1	Thread d_1
2	Length l_1
3	Material

Metric table

1 2

Dimensions in: millimeters - inches

d₁	l₁	a₁ (millimeter)	a₂ (millimeter)	a₃ (millimeter)	d₂	d₃	d₄ -0.2	d₅	h	k	l₂	l₃
M 4	15 <i>0.59</i>	2-4	4-8	8-10	16 <i>0.63</i>	8 <i>0.31</i>	3.2 <i>0.13</i>	4.5 <i>0.18</i>	5.5 <i>0.22</i>	3.5 <i>0.14</i>	5 <i>0.20</i>	2 <i>0.08</i>
M 4	17 <i>0.67</i>	4-6	6-10	10-12	16 <i>0.63</i>	8 <i>0.31</i>	3.2 <i>0.13</i>	4.5 <i>0.18</i>	5.5 <i>0.22</i>	3.5 <i>0.14</i>	5 <i>0.20</i>	2 <i>0.08</i>
M 4	19 <i>0.75</i>	6-8	8-12	12-14	16 <i>0.63</i>	8 <i>0.31</i>	3.2 <i>0.13</i>	4.5 <i>0.18</i>	5.5 <i>0.22</i>	3.5 <i>0.14</i>	5 <i>0.20</i>	2 <i>0.08</i>
M 4	21 <i>0.83</i>	8-10	10-14	14-16	16 <i>0.63</i>	8 <i>0.31</i>	3.2 <i>0.13</i>	4.5 <i>0.18</i>	5.5 <i>0.22</i>	3.5 <i>0.14</i>	5 <i>0.20</i>	2 <i>0.08</i>
M 5	18 <i>0.71</i>	2.5-4	4-10.5	10.5-12	20 <i>0.79</i>	10 <i>0.39</i>	4 <i>0.16</i>	5.5 <i>0.22</i>	6.5 <i>0.26</i>	4 <i>0.16</i>	6 <i>0.24</i>	2.5 <i>0.10</i>
M 5	20 <i>0.79</i>	4-6	6-12	12-14	20 <i>0.79</i>	10 <i>0.39</i>	4 <i>0.16</i>	5.5 <i>0.22</i>	6.5 <i>0.26</i>	4 <i>0.16</i>	6 <i>0.24</i>	2.5 <i>0.10</i>
M 5	22 <i>0.87</i>	6-8	8-14	14-16	20 <i>0.79</i>	10 <i>0.39</i>	4 <i>0.16</i>	5.5 <i>0.22</i>	6.5 <i>0.26</i>	4 <i>0.16</i>	6 <i>0.24</i>	2.5 <i>0.10</i>
M 5	26 <i>1.02</i>	8-12	12-16	16-18	20 <i>0.79</i>	10 <i>0.39</i>	4 <i>0.16</i>	5.5 <i>0.22</i>	6.5 <i>0.26</i>	4 <i>0.16</i>	6 <i>0.24</i>	2.5 <i>0.10</i>
M 6	24 <i>0.94</i>	3-6	6-13	13-16	24 <i>0.94</i>	12 <i>0.47</i>	4.8 <i>0.19</i>	6.5 <i>0.26</i>	8 <i>0.31</i>	5 <i>0.20</i>	8 <i>0.31</i>	3 <i>0.12</i>
M 6	26 <i>1.02</i>	6-8	8-16	16-18	24 <i>0.94</i>	12 <i>0.47</i>	4.8 <i>0.19</i>	6.5 <i>0.26</i>	8 <i>0.31</i>	5 <i>0.20</i>	8 <i>0.31</i>	3 <i>0.12</i>
M 6	30 <i>1.18</i>	8-12	12-18	18-22	24 <i>0.94</i>	12 <i>0.47</i>	4.8 <i>0.19</i>	6.5 <i>0.26</i>	8 <i>0.31</i>	5 <i>0.20</i>	8 <i>0.31</i>	3 <i>0.12</i>
M 6	34 <i>1.34</i>	12-16	16-22	22-26	24 <i>0.94</i>	12 <i>0.47</i>	4.8 <i>0.19</i>	6.5 <i>0.26</i>	8 <i>0.31</i>	5 <i>0.20</i>	8 <i>0.31</i>	3 <i>0.12</i>
M 8	30 <i>1.18</i>	4-8	8-16	16-20	30 <i>1.18</i>	16 <i>0.63</i>	6.5 <i>0.26</i>	8.5 <i>0.33</i>	9 <i>0.35</i>	6 <i>0.24</i>	10 <i>0.39</i>	4 <i>0.16</i>
M 8	34 <i>1.34</i>	8-12	12-20	20-24	30 <i>1.18</i>	16 <i>0.63</i>	6.5 <i>0.26</i>	8.5 <i>0.33</i>	9 <i>0.35</i>	6 <i>0.24</i>	10 <i>0.39</i>	4 <i>0.16</i>
M 8	38 <i>1.50</i>	12-16	16-24	24-28	30 <i>1.18</i>	16 <i>0.63</i>	6.5 <i>0.26</i>	8.5 <i>0.33</i>	9 <i>0.35</i>	6 <i>0.24</i>	10 <i>0.39</i>	4 <i>0.16</i>
M 8	42 <i>1.65</i>	16-20	20-28	28-32	30 <i>1.18</i>	16 <i>0.63</i>	6.5 <i>0.26</i>	8.5 <i>0.33</i>	9 <i>0.35</i>	6 <i>0.24</i>	10 <i>0.39</i>	4 <i>0.16</i>