



**Specification**



- Body  
Plastic  
Technopolymer (Polyamide PA) —  
- Reinforced  
- Temperature resistant up to 266 °F (130 °C)  
- Black, matte finish
- Plastic  
Technopolymer (Polyamide PA)  
Electrically conductive (antistatic) **ESD**
- Threaded stud  
Steel, zinc plated, blue passivated finish
- *Plastic Characteristics* → page 2135
- RoHS compliant

**Information**

EN 591 knurled screws, type ESD are made from a conductive plastic material which prevents electrostatic loading. The imprint “ESD” defines the special antistatic properties according to IEC 61340-5-1.

Resistant to solvents, oils, grease and other chemical agents.

see also...

- *Product Family ESD* → page 18
- *Hollow Knurled Screws GN 421* → page 697
- *Knurled Screws EN 591.5 (Stainless Steel Threaded Stud)* → [www.jwwinco.com](http://www.jwwinco.com)

<p>How to order (Inch)</p> <p>1 2 3</p> <p><b>EN 591-0.63-8X32-0.38</b></p>	<p>1 Handle diameter <math>d_1</math></p> <p>2 Thread <math>d_2</math></p> <p>3 Length <math>l</math></p>
<p>How to order (Metric, ESD plastic)</p> <p>1 2 3 4</p> <p><b>EN 591-25-M8-16-ESD</b></p>	<p>1 Handle diameter <math>d_1</math></p> <p>2 Thread <math>d_2</math></p> <p>3 Length <math>l</math></p> <p>4 Material</p>

### Inch table

Dimensions in: inches - millimeters

<sup>1</sup> d <sub>1</sub>	<sup>2</sup> d <sub>2</sub>		<sup>3</sup> Length l			d <sub>3</sub>	h	k
0.63 16.0	8 x 32	-	0.38 9.7	0.50 12.7	-	0.43 10.9	0.51 13.0	0.31 7.9
0.79 20.1	8 x 32	10 x 32	0.50 12.7	0.75 19.1	-	0.47 11.9	0.63 16.0	0.39 9.9
0.98 24.9	1/4 x 20	-	0.50 12.7	0.75 19.1	1.00 25.4	0.63 16.0	0.75 19.1	0.43 10.9
1.26 32.0	5/16 x 18	-	0.75 19.1	1.00 25.4	-	0.67 17.0	0.87 22.1	0.51 13.0

### Metric table

<sup>1</sup> d <sub>1</sub>	<sup>2</sup> d <sub>2</sub>	<sup>3</sup> Length l					<sup>3</sup> Length l ESD			d <sub>3</sub>	h	k
12 0.47	M 4	10 0.39	16 0.63	-	-	-	-	-	-	9.5 0.37	11.5 0.45	7.5 0.30
12 0.47	M 5	10 0.39	16 0.63	-	-	-	-	-	-	9.5 0.37	11.5 0.45	7.5 0.30
16 0.63	M 4	10 0.39	16 0.63	20 0.79	30 1.18	-	-	-	-	11 0.43	13 0.51	8 0.31
16 0.63	M 5	10 0.39	16 0.63	-	-	-	10 0.39	16 0.63	-	11 0.43	13 0.51	8 0.31
20 0.79	M 5	10 0.39	16 0.63	20 0.79	25 0.98	-	-	-	-	12 0.47	16 0.63	10 0.39
20 0.79	M 6	10 0.39	16 0.63	25 0.98	40 1.57	-	10 0.39	16 0.63	25 0.98	12 0.47	16 0.63	10 0.39
25 0.98	M 6	10 0.39	-	-	-	-	-	-	-	11.5 0.45	16 0.63	8 0.31
25 0.98	M 6	16 0.63	20 0.79	25 0.98	30 1.18	50 1.97	-	-	-	16 0.63	19 0.75	11 0.43
25 0.98	M 8	16 0.63	25 0.98	-	-	-	16 0.63	25 0.98	-	16 0.63	19 0.75	11 0.43
32 1.26	M 8	16 0.63	20 0.79	25 0.98	30 1.18	40 1.57	-	-	-	17 0.67	22 0.87	13 0.51
32 1.26	M 10	20 0.79	25 0.98	30 1.18	40 1.57	-	20 0.79	30 1.18	-	17 0.67	22 0.87	13 0.51
40 1.57	M 10	30 1.18	-	-	-	-	-	-	-	19 0.75	27 1.06	14 0.55
50 1.97	M 10	30 1.18	-	-	-	-	-	-	-	22 0.87	28.5 1.12	15 0.59

1.1  
1.2  
1.3  
1.4  
2.1  
2.2  
2.3  
2.4

