



- 2 Type**
- ENI** One-sided, stainless steel ball
 - EKU** One-sided, plastic ball
 - EST** One-sided, steel ball
 - BST** Both-sided, steel ball

Metric table



Dimensions in: millimeters - inches

Type ENI / Type EKU							Spring load ≈		
d ₁	d ₂	b	l ₁	l ₂	l ₃	s	Initial	End	Location bore H8
8 <i>0.31</i>	3 <i>0.12</i>	3.2 <i>0.13</i>	25 <i>0.98</i>	3.6 <i>0.14</i>	6 <i>0.24</i>	0.9 <i>0.04</i>	2.5 N <i>0.56 lbf</i>	6.5 N <i>1.46 lbf</i>	8 <i>0.31</i>
10 <i>0.39</i>	4 <i>0.16</i>	4 <i>0.16</i>	30 <i>1.18</i>	4.2 <i>0.17</i>	7 <i>0.28</i>	1 <i>0.04</i>	4.5 N <i>1.01 lbf</i>	9 N <i>2.02 lbf</i>	10 <i>0.39</i>
12 <i>0.47</i>	5 <i>0.20</i>	5 <i>0.20</i>	35 <i>1.38</i>	4.8 <i>0.19</i>	9 <i>0.35</i>	1.5 <i>0.06</i>	6.5 N <i>1.46 lbf</i>	13 N <i>2.92 lbf</i>	12 <i>0.47</i>
14 <i>0.55</i>	6.5 <i>0.26</i>	5.4 <i>0.21</i>	40 <i>1.57</i>	5.8 <i>0.23</i>	10 <i>0.39</i>	1.8 <i>0.07</i>	8 N <i>1.80 lbf</i>	18 N <i>4.05 lbf</i>	14 <i>0.55</i>

Type EST							Spring load ≈		
d ₁	d ₂	b	l ₁	l ₂	l ₃	s	Initial	End	Location bore H8
10 <i>0.39</i>	5.5 <i>0.22</i>	4.5 <i>0.18</i>	30 <i>1.18</i>	7 <i>0.28</i>	8 <i>0.31</i>	1 <i>0.04</i>	50 N <i>11.24 lbf</i>	160 N <i>35.97 lbf</i>	10 <i>0.39</i>
12 <i>0.47</i>	6.5 <i>0.26</i>	5.5 <i>0.22</i>	35 <i>1.38</i>	8 <i>0.31</i>	9 <i>0.35</i>	1.5 <i>0.06</i>	60 N <i>13.49 lbf</i>	270 N <i>60.70 lbf</i>	12 <i>0.47</i>
14 <i>0.55</i>	8 <i>0.31</i>	6.5 <i>0.26</i>	40 <i>1.57</i>	9 <i>0.35</i>	10 <i>0.39</i>	2 <i>0.08</i>	100 N <i>22.48 lbf</i>	380 N <i>85.43 lbf</i>	14 <i>0.55</i>

Type BST							Spring load ≈		
d ₁	d ₂	b	l ₁	l ₂	l ₃	s	Initial	End	Location bore H8
16 <i>0.63</i>	5.5 <i>0.22</i>	15 <i>0.59</i>	35 <i>1.38</i>	7 <i>0.28</i>	11 <i>0.43</i>	1.5 <i>0.06</i>	36 N <i>8.09 lbf</i>	190 N <i>42.71 lbf</i>	16 <i>0.63</i>
18 <i>0.71</i>	6.5 <i>0.26</i>	17 <i>0.67</i>	40 <i>1.57</i>	8 <i>0.31</i>	12 <i>0.47</i>	1.8 <i>0.07</i>	38 N <i>8.54 lbf</i>	270 N <i>60.70 lbf</i>	18 <i>0.71</i>
22 <i>0.87</i>	8 <i>0.31</i>	21 <i>0.83</i>	45 <i>1.77</i>	9 <i>0.35</i>	15 <i>0.59</i>	2.5 <i>0.10</i>	40 N <i>8.99 lbf</i>	410 N <i>92.17 lbf</i>	22 <i>0.87</i>

Specification

- Body
Steel, blackened finish
- Sleeve (for ball)
 - Type ENI / EKU: Plastic
 - Type EST / BST: Steel, blackened finish
- Ball
 - Type ENI: Stainless steel
 - Type EKU: Plastic
 - Type EST / BST: Steel
- Spring
 - Type ENI / EKU: Stainless steel
 - Type EST / BST: Elastic plastic
- Temperature resistant up to 176 °F (80 °C)
- RoHS compliant

Information

GN 716 press-fit side thrust pins are used to hold, position or clamp workpieces. The thrust pin body is pressed into the proper bore size and depth (l₃). No load should be applied on the elastisized plastic elements when used for extended periods of time.

How to order	
1	Diameter d ₁
2	Type

GN 716-12-ENI

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