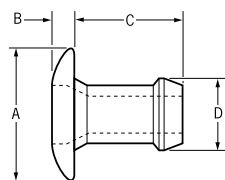


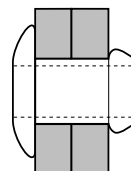
Material	Finish
Aluminium alloy (5% magnesium) to BS 1473 5056A DIN 1725 AlMg5 Werkstoff 3.3555	Natural



Option  
2.5% magnesium, aluminium alloy. Replace part number 01801 with 01861.



BEFORE PLACING



AFTER PLACING

- A = Head Diameter
- B = Head Thickness
- C = Length
- D = Shank Diameter

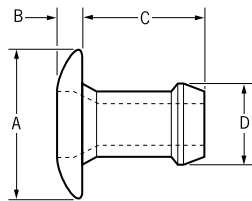
**Dimensions and Performance Data**

Fastener Size	Grip Range		Hole Size		Part Number Podded	Fasteners per pod*	A		B	C	D	(Typical Values)		
	nom.	min.	max.	min.			max.	min.	max.	max.	max.	max.	Shear kN	Tension kN
<b>2.4</b>		1.14	2.42			64				3.98				
		2.15	3.43			52				5.00				
		3.17	4.45			44				6.02				
		4.19	5.47	2.36	2.44	01801-00310	38	3.76	4.11	0.89	7.04	2.344	0.2	0.4
		5.20	6.48			01801-00312	34				8.05			
		6.22	7.50			01801-00314	30				9.07			
		7.24	8.51			01801-00316	27				10.08			
		7.75	9.02			01801-00317	26				10.59			
<b>3.2 (1/8")</b>		0.64	1.91			64				3.86				
		1.14	2.42			58				4.37				
		2.15	3.43			50				5.39				
		3.17	4.45	3.26	3.34	01801-00408	42	5.91	6.53	0.99	6.41	3.137	0.7	1.3
		4.19	5.47			01801-00410	37				7.42			
		5.20	6.48			01801-00412	33				8.44			
		6.22	7.50			01801-00414	29				9.45			
		7.24	8.51			01801-00416	26				10.46			
<b>4.0 (5/32")</b>		1.57	2.93			52				4.91				
		2.66	3.94			44				5.92				
		3.68	4.96			38				6.94				
		4.69	5.97	3.97	4.04	01801-00511	34	7.56	8.18	0.99	7.95	3.874	1.1	1.7
		5.71	6.99			01801-00513	30				8.97			
		6.73	8.00			01801-00515	27				9.98			
		7.75	9.02			01801-00517	25				11.00			
		2.03	3.94			01801-00607	42				6.10			
<b>4.8 (3/16")</b>		3.68	5.21			35				7.37				
		4.95	6.48			31				8.64				
		6.22	7.75	4.85	4.93	01801-00613	27	9.09	9.71	1.17	9.91	4.763	1.5	2.7
		7.49	9.02			01801-00615	24				11.18			
		8.76	10.29			01801-00617	22				12.45			
		10.03	11.56			01801-00619	20				13.46			
		2.66	3.94			01801-06007	35				6.93			
		3.68	4.95			01801-06009	31				7.94			
<b>6.0</b>		4.70	5.96	5.94	6.02	01801-06011	28	11.11	11.55	1.35	8.96	5.93	1.6	3.2
		5.71	6.98			01801-06013	26				9.98			
		6.73	7.99			01801-06015	24				10.99			
		7.74	9.01			01801-06017	22				12.00			

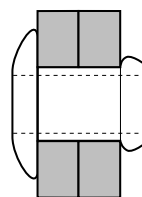
Dimensions in millimetres

\*Nominal value only. Tolerance ±1 fastener per pod.

Material	Finish
Low carbon steel to BS 3111 Type 0 SAE 1008 DIN 1654 Q St 34-3	Zinc plated to BS EN 12329



BEFORE PLACING



AFTER PLACING

- A = Head Diameter
- B = Head Thickness
- C = Length
- D = Shank Diameter

**Dimensions and Performance Data**

Fastener Size	Grip Range		Hole Size		Part Number	Fasteners per pod*	A		B	C	D	(Typical Values)		
	nom.	min.	max.	min.			max.	min.	max.	max.	max.	max.	Shear kN	Tension kN
<b>3.2</b> (1/8")		0.64	1.91			<b>01821-00403</b>	64				3.86			
		1.14	2.42			<b>01821-00404</b>	58				4.37			
		2.15	3.43			<b>01821-00406</b>	50				5.39			
		3.17	4.45	3.26	3.34	<b>01821-00408</b>	42	5.91	6.53	0.99	6.41	3.136	1.1	1.8
		4.19	5.47			<b>01821-00410</b>	37				7.42			
		5.20	6.48			<b>01821-00412</b>	33				8.44			
		6.22	7.50			<b>01821-00414</b>	29				9.55			
		7.24	8.51			<b>01821-00416</b>	26				10.46			
<b>4.0</b> (5/32")		1.57	2.93			<b>01821-00505</b>	52				4.91			
		2.15	3.43			<b>01821-00506</b>	48				5.41			
		2.66	3.94			<b>01821-00507</b>	44				5.92			
		3.68	4.96	3.97	4.04	<b>01821-00509</b>	38	7.56	8.18	0.99	6.94	3.899	1.6	2.8
		4.69	5.97			<b>01821-00511</b>	34				7.95			
		5.71	6.99			<b>01821-00513</b>	30				8.97			
		6.73	8.00			<b>01821-00515</b>	27				9.98			
		7.75	9.02			<b>01821-00517</b>	24				11.00			
<b>4.8</b> (3/16")		1.65	3.30			<b>01821-00606</b>	46				5.39			
		2.03	3.94			<b>01821-00607</b>	42				6.10			
		3.68	5.21			<b>01821-00609</b>	35				7.37			
		4.95	6.48	4.85	4.93	<b>01821-00611</b>	31	9.09	9.71	1.17	8.64	4.788	2.2	3.7
		6.22	7.75			<b>01821-00613</b>	27				9.91			
		7.49	9.02			<b>01821-00615</b>	24				11.18			
		8.76	10.29			<b>01821-00617</b>	22				12.45			
		2.66	3.94			<b>01821-06007</b>	35				6.93			
<b>6.0</b>		3.68	4.95			<b>01821-06009</b>	31				7.94			
		4.70	5.96	5.94	6.02	<b>01821-06011</b>	28	11.11	11.55	1.35	8.96	5.93	2.5	4.2
		5.71	6.98			<b>01821-06013</b>	26				9.98			
		6.73	7.99			<b>01821-06015</b>	24				10.99			
		7.74	9.01			<b>01821-06017</b>	22				12.00			

Dimensions in millimetres

\*Nominal value only. Tolerance ±1 fastener per pod.

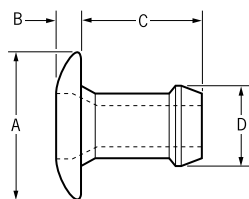
**Textron Fastening Systems Limited**

Mundells, Welwyn Garden City, Hertfordshire AL7 1EZ United Kingdom  
 Telephone +44 (0) 1707 668668 Facsimile +44 (0) 1707 338828  
 www.avdel.textron.com

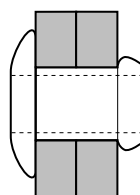
Material	Finish
Brass to BS EN 12166 CW 508L DIN 17660 Cu Zn37	Electro tin plated (1833) Brightened (1831)



Options  
For brass with brightened finish replace 01833 with 01831.  
4.0mm (<sup>5</sup>/<sub>32</sub>" ) and 4.8mm (<sup>3</sup>/<sub>16</sub>" ) sizes available on request.



BEFORE PLACING



AFTER PLACING

- A = Head Diameter
- B = Head Thickness
- C = Length
- D = Shank Diameter

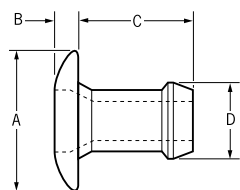
**Dimensions and Performance Data**

Fastener Size	Grip Range		Hole Size		Part Number	Fasteners per pod*	A		B	C	D	(Typical Values)		
	nom.	min.	max.	min.			max.	min.	max.	max.	max.	max.	Shear kN	Tension kN
<b>2.4</b>		1.14	2.42			64				3.99		0.4	0.8	
		2.15	3.43			52				5.01				
		3.17	4.45	2.36	2.44	<b>01833-00308</b>	44	3.76	4.11	0.89	6.02			2.324
		4.19	5.47			<b>01833-00310</b>	38				7.04			
		5.20	6.48			<b>01833-00312</b>	34				8.06			
		6.22	7.50			<b>01833-00314</b>	30				9.07			
<b>3.2</b> ( <sup>1</sup> / <sub>8</sub> " )		1.14	2.42			58				4.37		1.1	1.9	
		2.15	3.43			<b>01833-00406</b>	50				5.39			
		3.17	4.45	3.26	3.34	<b>01833-00408</b>	42	5.91	6.53	0.99	6.41			3.158
		4.19	5.47			<b>01833-00410</b>	37				7.42			
		5.20	6.48			<b>01833-00412</b>	33				8.44			
		6.22	7.50			<b>01833-00414</b>	29				9.45			

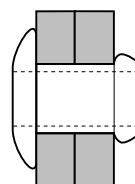
Dimensions in millimetres

\*Nominal value only. Tolerance ±1 fastener per pod.

Material	Finish
Austenitic stainless steel to BS 3111 394S17 Werkstoff 1.4567	Polished



BEFORE PLACING



AFTER PLACING

- A = Head Diameter
- B = Head Thickness
- C = Length
- D = Shank Diameter

**Dimensions and Performance Data**

Fastener Size	Grip Range		Hole Size		Part Number	Fasteners per pod*	A		B	C	D	(Typical Values)		
	nom.	min.	max.	min.			max.	min.	max.	max.	max.	max.	Shear kN	Tension kN
<b>3.2</b> (1/8")		1.14	2.42			<b>01841-00404</b>	58				4.37			
		2.15	3.43			<b>01841-00406</b>	50				5.39			
		3.17	4.45	3.27	3.34	<b>01841-00408</b>	42	5.91	6.53	0.99	6.41	3.136	1.3	2.0
		4.19	5.47			<b>01841-00410</b>	37				7.42			
		5.20	6.48			<b>01841-00412</b>	33				8.44			
<b>4.0</b> (5/32")		1.57	2.93			<b>01841-00505</b>	52				4.91			
		2.66	3.94			<b>01841-00507</b>	44				5.92			
		3.68	4.96	3.97	4.04	<b>01841-00509</b>	38	7.56	8.18	0.99	6.94	3.874	2.4	3.5
		4.69	5.97			<b>01841-00511</b>	34				7.95			
		5.71	6.99			<b>01841-00513</b>	30				8.97			
<b>4.8</b> (3/16")		2.03	3.94			<b>01841-00607</b>	42				6.10			
		3.68	5.21			<b>01841-00609</b>	35				7.37			
		4.32	5.84	4.85	4.93	<b>01841-00610</b>	32	9.09	9.71	1.17	8.00	4.763	3.5	5.1
		4.95	6.48			<b>01841-00611</b>	31				8.64			
		6.22	7.75			<b>01841-00613</b>	27				9.91			
		7.49	9.02			<b>01841-00615</b>	24				11.18			

Dimensions in millimetres

\*Nominal value only. Tolerance ±1 fastener per pod.