

Avsert[®] Threaded Stand-off Pillars for PCBs

Threaded stand-off pillars for PCBs in a range of metric internal threads and many stand-off heights.



Key features and benefits

- Internally threaded bore takes a threaded part e.g. D-subminiature connectors
- Available in many stand-off heights to accommodate a wide variety of components
- Can be used for board thicknesses of .032 – .079" (short spigot) or .032 – .094" max (long spigot).
- Suitable as a female mating bush for D-subminiature connectors

Specifications

Sizes:

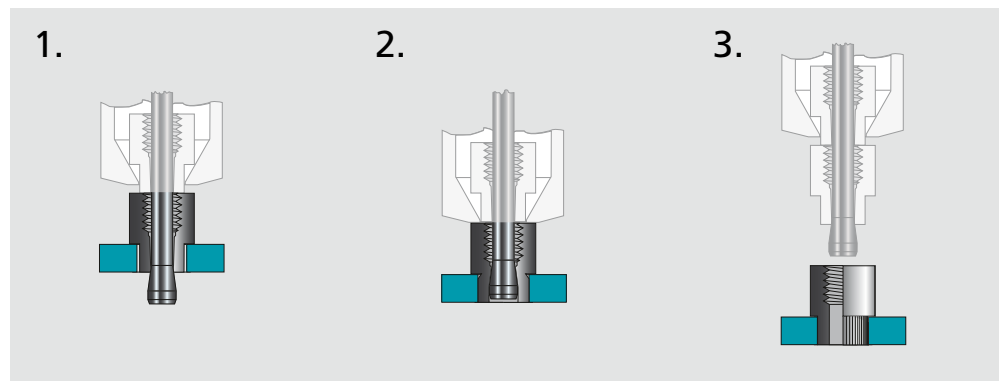
M2.5 x 0.45 and

M3 x 0.5 threads

Material:

Tin plated Brass

Typical placing sequence

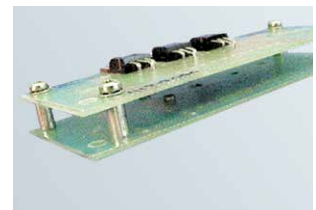
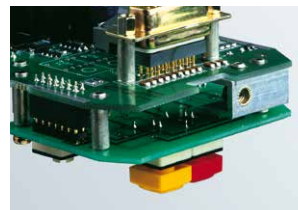


Please visit our website www.StanleyEngineeredFastening.com for fastener placing animations.

Assembly applications

- Aluminum geartrays and extrusions
- D-connectors
- PCBs
- Telecommunications equipment

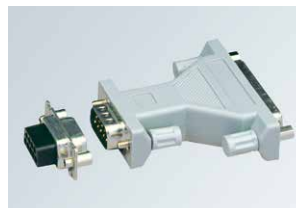
Stand-off pillar



DB25 subminiature connector
4.40 UNC female



Female mating bush





English	Français	Deutsch	Italiano	Español
Short spigot	Pion court	Kurzer Schaft	Piedino corto	Espiga corta
Brass*	Laiton*	Kupfer-Zink Legierung*	Ottone*	Latón*
Tin plated**	Étamé**	verzinkt**	Stagnato**	Estañado**

*: CuZn38Pb1.5 (ROHS conform)

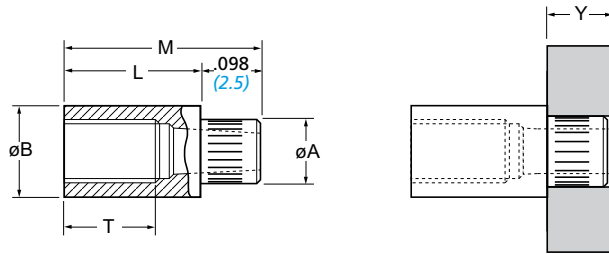
**: ROHS conform; We recommend tin plated Avsert are installed within 24 months from the date they were produced.


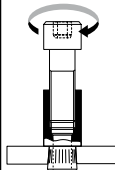
Nous conseillons d'utiliser les Avsert en laiton étamé sous un délai de 24 mois après la date de production.

Wir empfehlen, verzinnte Avsert innerhalb 24 Monaten nach Produktionsdatum zu verarbeiten.

Raccomandare di utilizzare i Avsert stagnati entro 24 mesi a decorrere dalla data di fabbricazione.

Recomendamos utilizar sus Avsert estañadas antes de 24 meses desde la fecha de su fabricación.



ø	Y				øB	L	øA	T	M	 lbf in (Nm) max. ¹⁾	Fasteners per pod Nombre de rivets par chargeur/ Niete pro Magazin/ Rivetti per carica- tore / Uds./carga	Part No.	
	nom.	min.	max.	min.									max.
M2.5 x 0.45	.032 (0.8)	.079 (2.0)	.106 (2.70)	.110 (2.80)	.159 (4.05)	.217 (5.5)	.106 (2.69)	.134 (3.4)	.315 (8.0)	7.52 (0.85)		36	01117-06555
						.236 (6.0)		.153 (3.9)	.334 (8.5)			34	01117-06560
						.276 (7.0)		.193 (4.9)	.374 (9.5)			30	01117-06570
						.315 (8.0)		.232 (5.9)	.413 (10.5)			27	01117-06580
						.354 (9.0)		.232 (5.9)	.458 (11.5)			25	01117-06590
M3 x 0.5	.032 (0.8)	.079 (2.0)	.130 (3.30)	.134 (3.40)	.190 (4.83)	.217 (5.5)	.129 (3.28)	.134 (3.4)	.315 (8.0)	12.21 (1.38)		36	01117-07055
						.236 (6.0)		.153 (3.9)	.334 (8.5)			34	01117-07060
						.276 (7.0)		.193 (4.9)	.374 (9.5)			30	01117-07070
						.315 (8.0)		.232 (5.9)	.413 (10.5)			27	01117-07080
						.354 (9.0)		.232 (5.9)	.458 (11.5)			25	01117-07090

dimensions in inch and (mm) / en pouces et (millimètre) / alle Maße in Zoll und (mm) / in pollici e (millimetri) / en pulgadas y (milímetros)

1) As tested in .059" (1.5) thick glass fibre reinforced board to specification NEMA-L11-1971 Type FR4.

Testé dans circuit imprimé fibre / époxy 15/10 selon NEMA-L11-1971 type FR4.

Getestet in .059" (1.5) starker glasfaserverstärkter Leiterplatte nach Spezifikation NEMA-L11-1971 Typ FR4.

Testato in un circuito rinforzato con fibra di vetro di .059" (1.5) come da specifica NEMA-L11-1971 tipo FR4.

Testado en una tarjeta reforzada con fibra de vidrio de .059" (1.5).



English	Français	Deutsch	Italiano	Español
Long spigot	Pion long	Langer Schaft	Piedino lungo	Espiga larga
Brass*	Laiton*	Kupfer-Zink Legierung*	Ottone*	Latón*
Tin plated**	Étamé**	verzinkt**	Stagnato**	Estañado**

*: CuZn38Pb1.5 (ROHS conform)

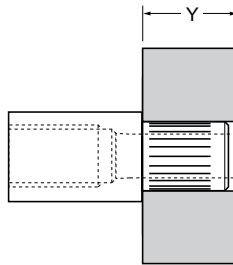
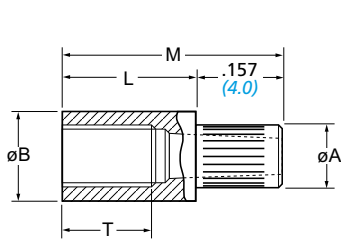
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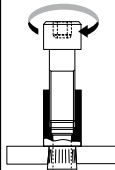
Nous conseillons d'utiliser les Avsert en laiton étamé sous un délai de 24 mois après la date de production.

Wir empfehlen, verzinnte Avsert innerhalb 24 Monaten nach Produktionsdatum zu verarbeiten.

Raccomandare di utilizzare i Avsert stagnati entro 24 mesi a decorrere dalla data di fabbricazione.

Recomendamos utilizar sus Avsert estañadas antes de 24 meses desde la fecha de su fabricación.



ø	Y				øB	L	øA	T	M	 lbf in (Nm) max. ¹⁾	Fasteners per pod Nombre de rivets par chargeur/ Niete pro Magazin/ Rivetti per carica- tore / Uds./carga	Part No.					
	nom.	min.	max.	min.									max.	max.	± .004 (0.1)	max.	min.
M2.5 x 0.45	.032 (0.8)	.095 (2.4)	.106 (2.70)	.110 (2.80)	.159 (4.05)	.217 (5.5)	.106 (2.69)	.134 (3.4)	.393 (10.0)	8.50 (0.96)	30	01118-06555					
						.236 (6.0)		.153 (3.9)	29				01118-06560				
						.276 (7.0)		.193 (4.9)						26	01118-06570		
						.315 (8.0)		.232 (5.9)								24	01118-06580
						.354 (9.0)		.232 (5.9)									
M3 x 0.5	.032 (0.8)	.095 (2.4)	.130 (3.30)	.134 (3.40)	.190 (4.83)	.217 (5.5)	.129 (3.28)	.134 (3.4)	.374 (9.5)	13.45 (1.52)	30	01118-07055					
						.236 (6.0)		.153 (3.9)	29				01118-07060				
						.276 (7.0)		.193 (4.9)						26	01118-07070		
						.315 (8.0)		.232 (5.9)								24	01118-07080
						.354 (9.0)		.232 (5.9)									

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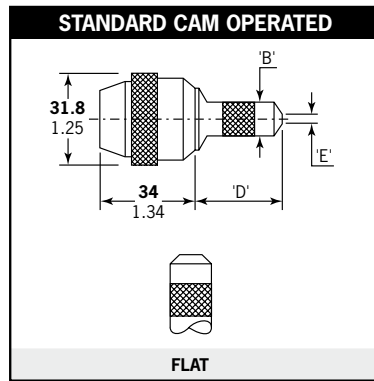
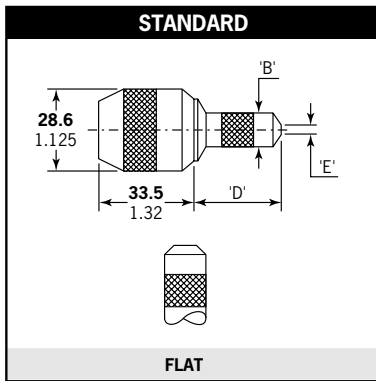
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Testato in un circuito rinforzato con fibra di vetro di .059" (1.5) come da specifica NEMA-L11-1971 tipo FR4.

Testado en una tarjeta reforzada con fibra de vidrio de .059" (1.5).



Applications with no or little access restrictions.
 Pour applications ne présentant que peu ou pas de contraintes d'accès.
 Für alle gut zugänglichen Nietpunkte.
 Adatta per applicazioni senza restrizioni di accesso o con restrizioni di accesso limitate.
 Apta para aquellas aplicaciones sin ninguna o pocas restricciones de acceso.

Nose equipment with addition of a twist cam to ease and speed up the nose jaw opening thus the pod reloading procedure.
 Ensembles de nez avec, en plus, une came facilitant et accélérant l'ouverture du nez de pose, et donc le rechargement en fixations.
 Zum leichteren Magazinieren haben diese Mundstücke durch einen Drehring zu öffnende Mundstückschnäbel.
 Equipaggiamento con l'aggiunta di una camma per facilitare e rendere più veloce l'apertura della testata e pertanto la procedura di ricarica dell'astuccio portarivetti.
 Boquillas que incorporan una leva para facilitar y hacer más rápida la apertura de la boquilla y el procedimiento de carga.

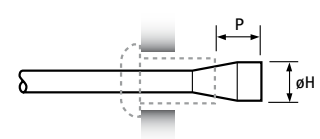
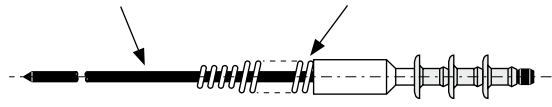
ø nom.	Nose Equipment Nez de pose Mundstück Testata Boquilla	Part No.	Dimensions Dimension / Abmessungen Dimensioni / Dimensiones		
			B	D	E
M2.5 x 0.45	Standard	07150-03003	.36 (9.14)	1.30 (33.02)	.16 (4.06)
M3 x 0.5	Standard	07150-03004	.41 (10.41)	1.18 (29.97)	.20 (5.08)
	Standard cam operated	07170-04600			

dimensions in inch and (mm) / en pouces et (millimètre) / alle Maße in Zoll und (mm) / in pollici e (millimetri) / en pulgadas y (milímetros)

Avsert® Mandrel & Spring Information

Aiguilles et Ressorts d'aiguille / Nietdorne und -federn / Mandrini e Molle / Mandriles y Muelles

Mandrel / Aiguille / Nietdorn Spring / Ressort d'aiguille / Nietdornfeder
 Mandrino / Mandril Molla / Muelle



ø nom.	Description Description / Beschreibung Descrizione / Descripción	ø H	P max.	Mandrel Part No.	Spring Part No.
M2.5 x 0.45	Standard green	.0725 (1.84)	.145 (3.68)	07150-06003	07150-06803
M3 x 0.5	Standard green	.088 (2.24)	.185 (4.70)	07150-06004	07150-06804

dimensions in inch and (mm) / en pouces et (millimètre) / alle Maße in Zoll und (mm) / in pollici e (millimetri) / en pulgadas y (milímetros)