

Briv® 1801

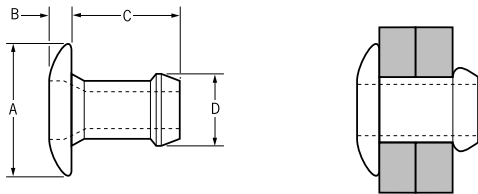


For installation information please refer to the tooling overview and manuals on our website www.avdel-global.com.
 Pour les conditions de pose, merci de vous référer à la description de l'outil et aux manuels disponibles sur notre site Web.
 Angaben zur Verarbeitung entnehmen Sie bitte der Geräteübersicht und den Betriebsanleitungen auf unserer Website.
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 Para ver información sobre máquinas de colocación, consulte nuestra página web, apartados visión general de máquinas y manuales.

English	Français	Deutsch	Italiano	Español
Dome head	Tête plate	Flachrundkopf	Testa tonda	Cabeza alomada
Aluminium alloy* (5 % Mg)	Alliage d'aluminium* (5% Mg)	Aluminium* (5 % Mg)	Lega di alluminio* (5% Mg)	Aluminio* (5% Mg)
Natural	Brut	Blank	Nessuna finitura	Natural

*: BS 1473 5056A DIN 1725 AlMg5 Werkstoff 3.3555

Option: for 2.5 % Mg aluminium alloy replace part no. 01801 with 01861 / pour 2.5 % Mg alliage d'aluminium remplacer la série 01801 par 01861 / für 2.5 % Mg Aluminium-Legierung ersetzen Sie 01801 durch 01861 / per 2.5 % Mg lega di alluminio sostituire 01801 con 01861 / con Aluminio (2,5 % de Mg) cambiar 01801 por 01861



Ø					A	B	C	D			Fasteners per pod / Nombre de rivets par chargeur / Niete pro Magazin / Rivetti per caricatore / Uds./carga	Part No/ref
nom.	min.	max.	min.	max.	± 0.4	max.	max.	max.	kN ¹⁾	kN ¹⁾	± 1	
2.4 (3/32")	1.14	2.42	2.36	2.44	3.9	0.89	3.98	2.35	0.2	0.4	64	01801-00304
	2.15	3.43					5.00				52	01801-00306
	3.17	4.45					6.02				44	01801-00308
	4.19	5.47					7.04				38	01801-00310
	5.20	6.48					8.05				34	01801-00312
	6.22	7.50					9.07				30	01801-00314
	6.73	8.00					9.57				28	01801-00315
	7.24	8.51					10.08				27	01801-00316
	7.75	9.02					10.59				26	01801-00317
3.2 (1/8")	0.64	1.91	3.26	3.34	6.2	0.99	3.86	3.14	0.7	1.3	59	01801-00403
	1.14	2.42					4.37				58	01801-00404
	1.65	2.87					4.87				50	01801-00405
	2.15	3.43					5.39				48	01801-00406
	3.17	4.45					6.41				42	01801-00408
	4.19	5.47					7.42				37	01801-00410
	5.20	6.48					8.44				33	01801-00412
	6.22	7.50					9.45				29	01801-00414
	7.24	8.51					10.46				26	01801-00416

all dimensions in mm / en millimètres / alle Maße in mm / in millimetri / en milímetros

1) typical values / valeurs moyennes / typische Werte / Valori tipici / resistencias máximas recomendadas



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 Your local Avdel representative is at your disposal should you need to confirm latest information.

Ø					A	B	C	D			Fasteners per pod / Nombre de rivets par chargeur / Niete pro Magazin / Italiano / Uds./carga	Part No/ref
	min.	max.	min.	max.	± 0.4	max.	max.	max.	kN ¹⁾	kN ¹⁾	± 1	
4.0 (5/32")	1.57	2.93	3.97	4.04	7.9	0.99	4.91	3.88	1.1	1.7	52	01801-00505
	2.15	3.43					5.41				49	01801-00506
	2.66	3.94					5.92				44	01801-00507
	3.68	4.96					6.94				39	01801-00509
	4.69	5.97					7.95				34	01801-00511
	5.71	6.99					8.97				31	01801-00513
	6.73	8.00					9.98				26	01801-00515
	7.75	9.02					11.00				24	01801-00517
4.8 (3/16")	1.65	3.30	4.85	4.93	9.4	1.17	5.39	4.77	1.5	2.7	46	01801-00606
	2.03	3.94					6.10				42	01801-00607
	3.68	5.21					7.37				35	01801-00609
	4.95	6.48					8.64				31	01801-00611
	6.22	7.75					9.91				27	01801-00613
	7.49	9.02					11.18				24	01801-00615
	8.76	10.29					12.45				22	01801-00617
	10.03	11.56					13.46				20	01801-00619
6.0	2.66	3.94	5.94	6.02	11.3	1.35	6.93	5.93	1.6	3.2	37	01801-06007
	3.68	4.95					7.94				33	01801-06009
	4.70	5.96					8.96				29	01801-06011
	5.71	6.98					9.98				26	01801-06013
	6.73	7.99					10.99				24	01801-06015
	7.74	9.01					12.00				23	01801-06017

all dimensions in mm / en millimètres / alle Maße in mm / in millimetri / en milímetros

1) typical values / valeurs moyennes / typische Werte / Valori tipici / resistencias máximas recomendadas

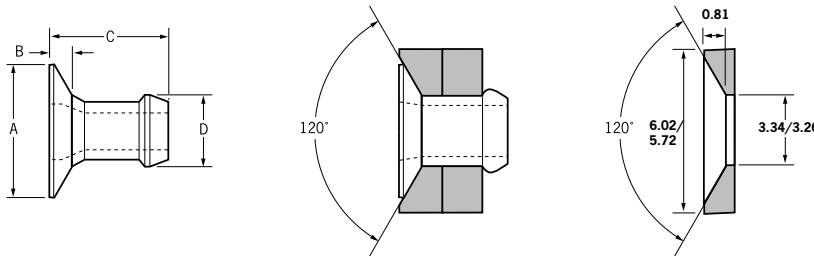
Briv® 1802



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English	Français	Deutsch	Italiano	Español
120° Countersunk	120° Tête fraisée	120° Senkkopf	120° Testa svasata	120° Cabeza avellanada
Aluminium alloy* (5 % Mg)	Alliage d'aluminium* (5% Mg)	Aluminium* (5 % Mg)	Lega di alluminio* (5% Mg)	Aluminio* (5% Mg)
Natural	Brut	Blank	Nessuna finitura	Natural

*: BS 1473 5056A DIN 1725 AlMg5 Werkstoff 3.3555



Rec. c/sunk hole dimensions (ø 3.2 mm only)
 Dimensions recommandées du trou fraisé (3,2 mm seulement)
 Empf. Abmessungen für Senkloch (nur ø 3,2 mm)
 Dimensioni raccomandate del foro svasato (solo 3.2).
 Dimensiones del taladro avellanado recomendadas (solo 3.2)

ø					A	B	C	D			Fasteners per pod / Nombre de rivets par chargeur / Niete pro Magazin / Rivetti per caricatore / Uds./carga	Part No/ref
nom.	min.	max.	min.	max.	± 0.5	max.	max.	max.	kN ¹⁾	kN ¹⁾	± 1	
3.2 (1/8")	1.52	2.79	3.26	3.34	5.5	0.89	4.77	3.17	0.7	1.3	64	01802-00406
	2.54	3.81					5.79				52	01802-00407
	3.56	4.83					6.81				44	01802-00408
	4.57	5.84					7.82				38	01802-00410
	5.59	6.86					8.84				33	01802-00411
4.0 (5/32")	1.57	2.93	3.97	4.04	6.5	1.02	5.18	3.90	1.1	1.7	59	01802-00505
	2.15	3.43					5.69				54	01802-00506
	2.66	3.94					6.19				49	01802-00507
	3.68	4.96					7.21				42	01802-00509
	4.69	5.97					8.22				36	01802-00511
	5.71	6.99					9.24				32	01802-00513

all dimensions in mm / en millimètres / alle Maße in mm / in millimetri / en milímetros

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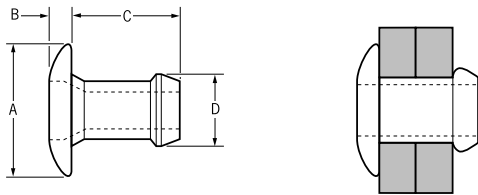
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English	Français	Deutsch	Italiano	Español
Dome head	Tête plate	Flachrundkopf	Testa tonda	Cabeza alomada
Low carbon steel*	Acier bas carbone*	Stahl*	Acciaio a basso tenore di carbonio*	Acero bajo en carbono*
Zinc plated	Revêtement zingué	Verzinkt	Zincato	Zincado
Clear trivalent passivated	Passivation claire trivalente	Klar chromatiert, Cr6-frei	Passivazione chiara trivalente	Pasivado claro trivalente

*: SAE 1008 / EN 10263-2 C8C (DIN 10263-2 C8C, Qst 34-3)



Ø					A	B	C	D			Fasteners per pod / Nombre de rivets par chargeur / Niete pro Magazin / Rivetti per caricatore / Uds./carga	Part No/ref
nom.	min.	max.	min.	max.	± 0.4	max.	max.	max.	kN ¹⁾	kN ¹⁾	± 1	
3.2 (1/8")	0.64	1.91	3.26	3.34	6.2	0.99	3.86	3.16	1.1	1.8	59	01821-00403
	1.14	2.42					4.37				58	01821-00404
	1.65	2.87					4.87				50	01821-00405
	2.15	3.43					5.39				48	01821-00406
	3.17	4.45					6.41				42	01821-00408
	4.19	5.47					7.42				37	01821-00410
	5.20	6.48					8.44				33	01821-00412
	6.22	7.50					9.45				29	01821-00414
	7.24	8.51					10.46				26	01821-00416
4.0 (5/32")	1.57	2.93	3.97	4.04	7.9	0.99	4.91	3.90	1.6	2.8	52	01821-00505
	2.15	3.43					5.41				49	01821-00506
	2.66	3.94					5.92				44	01821-00507
	3.68	4.96					6.94				39	01821-00509
	4.69	5.97					7.95				34	01821-00511
	5.71	6.99					8.97				31	01821-00513
	6.73	8.00					9.98				26	01821-00515
	7.75	9.02					11.00				24	01821-00517

all dimensions in mm / en millimètres / alle Maße in mm / in millimetri / en milímetros

1) typical values / valeurs moyennes / typische Werte / Valori tipici / resistencias máximas recomendadas

Ø					A	B	C	D			Fasteners per pod / Nombre de rivets par chargeur / Niete pro Magazin / Rivetti per caricatore / Uds./carga	Part No/ref
	min.	max.	min.	max.	± 0.4	max.	max.	max.	kN ¹⁾	kN ¹⁾	± 1	
4.8 (3/16")	1.65	3.30	4.85	4.93	9.4	1.17	5.39	4.79	2.2	3.7	46	01821-00606
	2.03	3.94					6.10				42	01821-00607
	3.68	5.21					7.37				35	01821-00609
	4.95	6.48					8.64				31	01821-00611
	6.22	7.75					9.91				27	01821-00613
	7.49	9.02					11.18				24	01821-00615
	8.76	10.29					12.45				22	01821-00617
6.0	2.66	3.94	5.94	6.02	11.3	1.35	6.93	5.93	2.5	4.2	37	01821-06007
	3.68	4.95					7.94				33	01821-06009
	4.70	5.96					8.96				29	01821-06011
	5.71	6.98					9.98				26	01821-06013
	6.73	7.99					10.99				24	01821-06015
	7.74	9.01					12.00				23	01821-06017

all dimensions in mm / en millimètres / alle Maße in mm / in millimetri / en milímetros

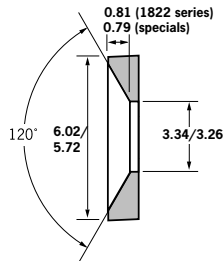
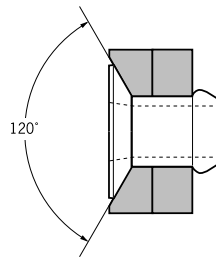
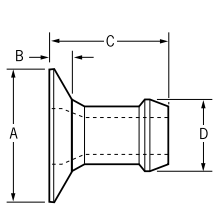
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Zinc plated	Revêtement zingué	Verzinkt	Zincato	Zincado
Clear trivalent passivated	Passivation claire trivalente	Klar chromatiert, Cr6-frei	Passivazione chiara trivalente	Pasivado claro trivalente

*: SAE 1008 / EN 10263-2 C8C (DIN 10263-2 C8C, Qst 34-3)



Rec. c/sunk hole dimensions (ø 3.2 mm only)
 Dimensions recommandées du trou fraisé (3,2 mm seulement)
 Empf. Abmessungen für Senkloch (nur ø 3,2 mm)
 Dimensioni raccomandate del foro svasato (solo 3.2).
 Dimensiones del taladro avellanado recomendadas (solo 3.2)

ø					A	B	C	D			Fasteners per pod/Nombre de rivets par chargeur/Niete pro Magazin/Rivetti per caricatore/Uds./carga	Part No/ref
nom.	min.	max.	min.	max.	± 0.5	max.	max.	max.	kN ¹⁾	kN ¹⁾	± 1	
3.2 (1/8")	1.52	2.79	3.26	3.34	5.5	0.76	4.77	3.17	0.9	1.6	64	01822-00406
	2.54	3.81					5.79				52	01822-00407
	3.56	4.83					6.81				44	01822-00408
	4.57	5.84					7.82				38	01822-00410
	5.59	6.86					8.84				33	01822-00411
4.0 (5/32")	1.57	2.93	3.97	4.04	6.5	1.02	5.18	3.90	1.6	2.8	59	01822-00505
	2.15	3.43					5.69				54	01822-00506
	2.66	3.94					6.19				49	01822-00507
	3.68	4.96					7.21				42	01822-00509
	4.69	5.97					8.22				36	01822-00511
	5.71	6.99					9.24				32	01822-00513

Special Option: designed for thin sheet applications / Conçu pour des applications de faible épaisseur / für geringe Materialstärken / Progettato per applicazioni in spessori sottili/ Diseñado para aplicaciones de chapa fina

3.2 (1/8")	1.27	2.29	3.26	3.34	5.5	0.74	4.32	3.17	0.9	1.6	72	01810-06480
	1.45	1.70				0.69	4.19				72	01810-10375

all dimensions in mm / en millimètres / alle Maße in mm / in millimetri / en milímetros

1) typical values / valeurs moyennes / typische Werte / Valori tipici / resistencias máximas recomendadas



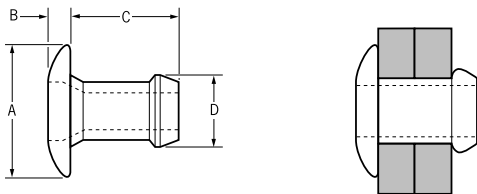
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English	Français	Deutsch	Italiano	Español
Dome head	Tête plate	Flachrundkopf	Testa tonda	Cabeza alomada
Brass*	Laiton*	Kupfer-Zink Legierung*	Ottone*	Latón*
Electro tin plated	Etamage électrolytique	verzinkt	Stagnato	Estañado electrolítico

*: BS EN 12166 CW 508L DIN 17660 CuZn37

Option:

For brightened Brass finish replace 01833 with 01831 / Pour finition brillante remplacer la série 01833 par 01831 / Für Oberfläche blank ersetzen Sie 01833 durch 01831 / Per finitura brillante sostituire 01833 con 01831 / Con acabado brillante cambiar 01833 por 01831



Ø					A	B	C	D			Fasteners per pod / Nombre de rivets par chargeur / Niete pro Magazin / Rivetti per caricatore / Uds./carga	Part No/ref
nom.	min.	max.	min.	max.	max.	max.	max.	max.	kN ¹⁾	kN ¹⁾	± 1	
2.4 (3/32")	1.14	2.42	2.36	2.44	4.2	0.89	3.99	2.35	0.44	0.89	64	01833-00304
	2.15	3.43					5.01				52	01833-00306
	3.17	4.45					6.02				44	01833-00308
	4.19	5.47					7.04				38	01833-00310
	5.20	6.48					8.06				34	01833-00312
	6.22	7.50					9.07				30	01833-00314
	6.73	8.00					9.57				28	01833-00315
	7.24	8.51					10.08				27	01833-00316
	7.75	9.02					10.59				26	01833-00317
3.2 (1/8")	0.64	1.91	3.26	3.34	6.6	0.99	3.86	3.16	1.11	1.91	64	01833-00403
	1.14	2.42					4.37				58	01833-00404
	2.15	3.43					5.39				50	01833-00406
	3.17	4.45					6.41				42	01833-00408
	4.19	5.47					7.42				37	01833-00410
	5.20	6.48					8.44				33	01833-00412
	6.22	7.50					9.45				29	01833-00414
	7.24	8.51					10.46				26	01833-00416

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ø					A	B	C	D			Fasteners per pod / Nombre de rivets par chargeur / Niete pro Magazin / Rivetti per caricatore / Uds./carga	Part No/ref
nom.	min.	max.	min.	max.	max.	max.	max.	max.	kN ¹⁾	kN ¹⁾	± 1	
4.0 (5/32")	1.57	2.93	3.97	4.04	8.2	0.99	4.91	3.90	1.87	2.75	52	01833-00505
	2.15	3.43					5.41				48	01833-00506
	2.66	3.94					5.92				44	01833-00507
	3.68	4.96					6.94				38	01833-00509
	4.69	5.97					7.95				34	01833-00511
	5.71	6.99					8.97				30	01833-00513
	6.73	8.00					9.98				27	01833-00515
	7.75	9.02					11.00				25	01833-00517
4.8 (3/16")	1.65	3.30	4.85	4.93	9.8	1.17	5.39	4.79	2.31	3.60	46	01833-00606
	2.03	3.94					6.10				42	01833-00607
	3.68	5.21					7.37				35	01833-00609
	4.95	6.48					8.64				31	01833-00611
	6.22	7.75					9.91				27	01833-00613
	7.49	9.02					11.18				24	01833-00615
	8.76	10.29					12.45				22	01833-00617
	10.03	11.56					13.46				20	01833-00619

all dimensions in mm / en millimètres / alle Maße in mm / in millimetri / en milímetros

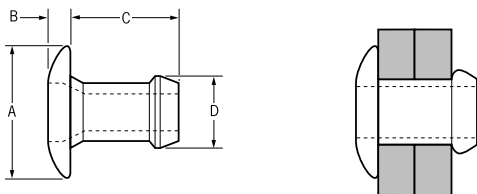
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English	Français	Deutsch	Italiano	Español
Dome head	Tête plate	Flachrundkopf	Testa tonda	Cabeza alomada
Austenitic stainless steel*	Inox austénitique*	Edelstahl*	Acciaio inox austenitico*	Acero inoxidable austenítico*
Polished	Poli	Blank	Lucido	Pulido
*: BS 3111 394S17 Werkstoff 1.4567				



Ø					A	B	C	D			Fasteners per pod / Nombre de rivets par chargeur / Niete pro Magazin / Rivetti per caricatore / Uds./carga	Part No/ref
nom.	min.	max.	min.	max.	± 0.4	max.	max.	max.	kN ¹⁾	kN ¹⁾	± 1	
3.2 (1/8")	1.14	2.42	3.27	3.34	6.2	0.99	4.37	3.16	1.3	2.0	58	01841-00404
	2.15	3.43					5.39				50	01841-00406
	3.17	4.45					6.41				42	01841-00408
	4.19	5.47					7.42				37	01841-00410
	5.20	6.48					8.44				33	01841-00412
4,0 (5/32")	1.57	2.93	3.97	4.04	7.9	0.99	4.91	3.87	2.4	3.5	52	01841-00505
	2.66	3.94					5.92				44	01841-00507
	3.68	4.96					6.94				38	01841-00509
	4.69	5.97					7.95				34	01841-00511
	5.71	6.99					8.97				30	01841-00513
4.8 (3/16")	2.03	3.94	4.85	4.93	9.4	1.17	6.10	4.77	3.5	5.1	42	01841-00607
	3.68	5.21					7.37				35	01841-00609
	4.32	5.84					8.00				32	01841-00610
	4.95	6.48					8.64				31	01841-00611
	6.22	7.75					9.91				27	01841-00613
	7.49	9.02					11.18				24	01841-00615

all dimensions in mm / en millimètres / alle Maße in mm / in millimetri / en milímetros

1) typical values / valeurs moyennes / typische Werte / Valori tipici / resistencias máximas recomendadas



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English	Français	Deutsch	Italiano	Español
Dome head	Tête plate	Flachrundkopf	Testa tonda	Cabeza alomada
Low carbon steel*	Acier bas carbone*	Stahl*	Acciaio a basso tenore di carbonio*	Acero bajo en carbono*
Zinc plated	Revêtement zingué	Verzinkt	Zincato	Zincado
Clear trivalent passivated	Passivation claire trivalente	Klar chromatiert, Cr6-frei	Passivazione chiara trivalente	Pasivado claro trivalente

*: SAE 1008 / EN 10263-2 C8C (DIN 10263-2 C8C, Qst 34-3)

Option:

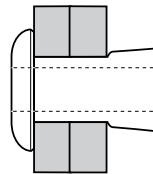
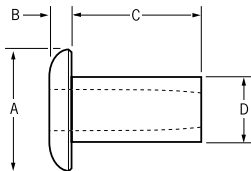
120° countersunk head. Replace part no. 01121 with 01122 for equivalent grip range. A, B and C dimensions may vary, details on request.

120° tête fraisée. Remplacer la série 01121 par 01122 avec plage de serrage équivalent. Dimensions A, B et C peut différer. Détails sur demande.

120° Senkkopf. Ersetzen Sie 01121 durch 01122 - bei äquivalentem Klemmbereich können Abmessungen A, B und C abweichen, Details auf Anfrage.

120° testa svasata: sostituire 01121 con 01122 per campo dello spessore serrabile equivalente. Dimensioni A, B e C possono variare. Dettagli su richiesta.

120° cabeza avellanada: cambiar 01121 por 01122 para espesores a remachar equivalente. Las dimensiones A, B y C pueden variar. Más información bajo petición.



Ø					A	B	C	D		Fasteners per pod/ Nombre de rivets par chargeur / Niete pro Magazin/ Rivetti per carica- tore / Uds./carga	Part No/ref
nom.	min.	max.	min.	max.	± 0,3	max.	max.	max.	kN ¹⁾	± 1	
3.2 (1/8")	0.00	1.57	3.26	3.34	5.2	1.2	3.2	3.25	1.4	71	01121-00404
	0.79	2.36					4.0			57	01121-00405
	1.57	3.18					4.8			51	01121-00406
	3.18	4.75					6.4			39	01121-00408
	4.75	6.35					7.9			32	01121-00410
	6.35	7.92					9.5			27	01121-00412
4.0 (5/32")	1.57	3.18	4.09	4.16	6.2	1.5	4.8	4.04	2.4	47	01121-00506
	3.18	4.75					6.4			38	01121-00508
	4.75	6.35					7.9			31	01121-00510
	6.35	7.92					9.5			27	01121-00512
	7.92	9.52					11.1			23	01121-00514
	9.52	11.10					12.7			21	01121-00516

all dimensions in mm / en millimètres / alle Maße in mm / in millimetri / en milímetros

1) typical values / valeurs moyennes / typische Werte / Valori tipici / resistencias máximas recomendadas



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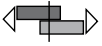
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Ø			A	B	C	D		Fasteners per pod/ Nombre de rivets par chargeur / Niete pro Magazin/ Rivetti per carica- tore / Uds./carga	Part No/ref
nom.	min. max.	min. max.	± 0,3	max.	max.	max.	kN ¹⁾	± 1	
4.8 (3/16")	0.00 1.57	4.86 4.93	8.6	1.8	4.0	4.85	3.2	50	01121-00605
	1.57 3.18				5.6			38	01121-00607
	3.18 4.75				7.2			33	01121-00609
	4.75 6.35				8.8			28	01121-00611
	6.35 7.92				10.0			24	01121-00613
	7.92 9.52				12.0			21	01121-00615
	9.52 11.10				13.5			19	01121-00617
	11.10 12.70				15.1			17	01121-00619
6.4 (1/4")	3.18 4.75	6.36 6.42	10.2	2.1	7.2	6.35	4.4	32	01121-00809
	4.75 6.35				8.8			27	01121-00811
	6.35 7.92				10.0			24	01121-00813
	7.92 9.52				12.0			21	01121-00815
	9.52 11.10				13.5			19	01121-00817
	11.10 12.70				15.1			17	01121-00819

all dimensions in mm / en millimètres / alle Maße in mm / in millimetri / en milímetros

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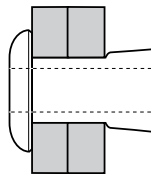
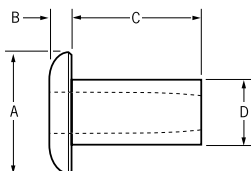
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English	Français	Deutsch	Italiano	Español
Dome head	Tête plate	Flachrundkopf	Testa tonda	Cabeza alomada
Aluminium alloy* (3.5 % Mg)	Alliage d'aluminium* (3.5% Mg)	Aluminium* (3.5 % Mg)	Lega di alluminio* (3.5% Mg)	Aluminio* (3.5% Mg)
Natural	Brut	Blank	Nessuna finitura	Natural

*: BS 1473 5154A DIN 1725 AlMg3.5 Werkstoff 3.3535

Options:

2.5 % Mg aluminium alloy: replace part no. 01131 with 01125, please note reduction in shear strength, details on request.
 120° countersunk head: replace part no. 01131 with 01132 for equivalent grip range. A, B and C dimensions may vary, details on request.
 2.5 % Mg alliage d'aluminium: remplacer la série 01131 par 01125, veuillez respecter réduction en cisaillement, détails sur demande.
 120° tête fraisée: remplacer la série 01131 par 01132 avec plage de serrage équivalent. Dimensions A, B et C peut différer. Détails sur demande.
 2.5 % Mg Aluminium-Legierung: ersetzen Sie 01131 durch 01125, bitte beachten Sie eine Reduktion der Scherfestigkeit, Details auf Anfrage.
 120° Senkkopf: ersetzen Sie 01131 durch 01132 - bei äquivalentem Klemmbereich können Abmessungen A, B und C abweichen, Details auf Anfrage.
 2.5 % Mg lega di alluminio: sostituire 01131 con 01125, notare la riduzione della resistenza a taglio, Dettagli su richiesta.
 120° testa svasata: sostituire 01131 con 01132 per campo dello spessore serrabile equivalente. Dimensioni A, B e C possono variare. Dettagli su richiesta.
 Aluminio (2,5 % de Mg): cambiar 01131 por 01125, obsérvese la reducción en la resistencia a la cortadura. Más información bajo petición.
 120° cabeza avellanada: cambiar 01131 por 01132 para espesores a remachar equivalente. Las dimensiones A, B y C pueden variar. Más información bajo petición.



Ø					A	B	C	D		Fasteners per pod/ Nombre de rivets par chargeur / Niete pro Magazin/ Rivetti per carica- tore / Uds./carga	Part No/ref
nom.	min.	max.	min.	max.	± 0.3	max.	± 0.18	max.	kN ¹⁾	± 1	
2.4 (3/32")	0.00	1.57	2.49	2.55	4.0	1.0	3.17	2.48	0.5	73	01131-00304
	1.57	3.17								52	01131-00306
	3.17	4.75								41	01131-00308
	4.75	6.35								33	01131-00310
	6.35	7.92								28	01131-00312
	7.92	9.52								24	01131-00314
	9.52	11.10								22	01131-00316
3.2 (1/8")	0.00	1.57	3.28	3.34	5.2	1.2	3.17	3.27	0.8	71	01131-00404
	1.57	3.17								51	01131-00406
	3.17	4.75								39	01131-00408
	4.75	6.35								32	01131-00410
	6.35	7.92								27	01131-00412

all dimensions in mm / en millimètres / alle Maße in mm / in millimetri / en milímetros

1) typical values / valeurs moyennes / typische Werte / Valori tipici / resistencias máximas recomendadas



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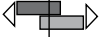
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Ø					A	B	C	D		Fasteners per pod/ Nombre de rivets par chargeur / Niete pro Magazin/ Rivetti per carica- tore / Uds./carga	Part No/ref
nom.	min.	max.	min.	max.	± 0.4	max.	± 0.18	max.	kN ¹⁾	± 1	
4.0 (5/32")	1.57	3.17	4.09	4.16	6.2	1.5	4.75	4.06	1.6	47	01131-00506
	3.17	4.75								38	01131-00508
	4.75	6.35								31	01131-00510
	6.35	7.92								27	01131-00512
	7.92	9.52								23	01131-00514
	9.52	11.10								21	01131-00516
4.8 (3/16")	0.00	1.57	4.85	4.93	8.6	1.8	3.96	4.82	2.0	50	01131-00605
	1.57	3.17					5.56			38	01131-00607
	3.17	4.75					7.14			33	01131-00609
	4.75	6.35					8.74			28	01131-00611
	6.35	7.92					10.31			24	01131-00613
	7.92	9.52					11.91			21	01131-00615
	9.52	11.10					13.49			19	01131-00617
	11.10	12.70					15.09			17	01131-00619
6.4 (1/4")	3.17	4.75	6.35	6.42	10.2	2.2	7.14	6.32	2.7	32	01131-00809
	4.75	6.35					8.74			27	01131-00811
	6.35	7.92					10.31			24	01131-00813
	7.92	9.52					11.91			21	01131-00815
	9.52	11.10					13.49			19	01131-00817
	11.10	12.70					15.09			17	01131-00819
	12.70	14.27					16.66			16	01131-00821
	14.27	15.87					18.26			14	01131-00823
	15.87	17.45					19.84			13	01131-00825

all dimensions in mm / en millimètres / alle Maße in mm / in millimetri / en milímetros

1) typical values / valeurs moyennes / typische Werte / Valori tipici / resistencias máximas recomendadas



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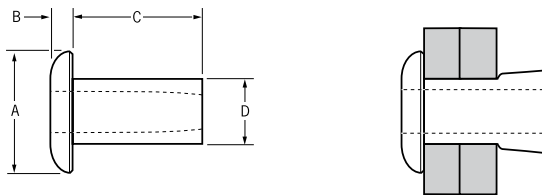
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English	Français	Deutsch	Italiano	Español
Dome head	Tête plate	Flachrundkopf	Testa tonda	Cabeza alomada
Brass*	Laiton*	Kupfer-Zink Legierung*	Ottone*	Latón*
Electro tin plated	Etamage électrolytique	verzinkt	Stagnato	Estañado electrolítico

*: BS EN 12166 CW 508L DIN 17660 CuZn37

Option:

For brightened Brass finish replace 01143 with 01141 / Pour finition brillante remplacer la série 01143 par 01141 / Für Oberfläche blank ersetzen Sie 01143 durch 01141 / Per finitura brillante sostituire 01143 con 01431 / Con acabado brillante cambiar 01143 por 01141



Ø					A	B	C	D		Fasteners per pod/ Nombre de rivets par chargeur / Niete pro Magazin/ Rivetti per carica- tore / Uds./carga	Part No/ref
nom.	min.	max.	min.	max.	± 0,4	max.	max.	max.	kN ¹⁾	± 1	
2.4 (3/32")	0.00	1.57	2.49	2.55	4.0	1.0	3.2	2.48	0.6	73	01143-00304
	1.57	3.17					4.8			52	01143-00306
	3.17	4.75					6.4			41	01143-00308
	4.75	6.35					8.0			33	01143-00310
	6.35	7.92					9.6			28	01143-00312
3.2 (1/8")	0.00	1.57	3.28	3.34	5.2	1.2	3.2	3.25	1.1	71	01143-00404
	1.57	3.17					4.8			51	01143-00406
	3.17	4.75					6.4			39	01143-00408
	4.75	6.35					8.0			32	01143-00410
4.0 (5/32")	1.57	3.17	4.09	4.16	6.2	1.5	4.8	4.06	1.8	47	01143-00506
	3.17	4.75					6.4			38	01143-00508
	4.75	6.35					8.0			31	01143-00510
	6.35	7.92					9.6			27	01143-00512
	7.92	9.52					11.1			23	01143-00514
	9.52	11.10					12.7			21	01143-00516
4.8 (3/16")	1.57	3.17	4.85	4.93	8.6	1.8	5.6	4.82	2.5	38	01143-00607
	3.17	4.75					7.2			33	01143-00609
	4.75	6.35					8.8			28	01143-00611
	6.35	7.92					10.4			24	01143-00613
	7.92	9.52					12.0			21	01143-00615
	9.52	11.10					13.5			19	01143-00617

all dimensions in mm / en millimètres / alle Maße in mm / in millimetri / en milímetros

1) typical values / valeurs moyennes / typische Werte / Valori tipici / resistencias máximas recomendadas



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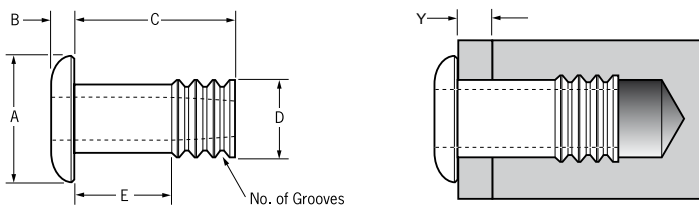
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English	Français	Deutsch	Italiano	Español
Dome head	Tête plate	Flachrundkopf	Testa tonda	Cabeza alomada
Low carbon steel*	Acier bas carbone*	Stahl*	Acciaio a basso tenore di carbonio*	Acero bajo en carbono*
Zinc plated	Revêtement zingué	Verzinkt	Zincato	Zincado
Clear trivalent passivated	Passivation claire trivalente	Klar chromatiert, Cr6-frei	Passivazione chiara trivalente	Pasivado claro trivalente

*: SAE 1008 / EN 10263-2 C8C (DIN 10263-2 C8C, Qst 34-3)



ø	Y				A	B	C	D	E	No. of grooves/ cannelures/ Rillen / rigature / aros		Fasteners per pod/ Nombre de rivets par chargeur / Niete pro Magazin/ Rivetti per carica- tore / Uds./carga	Part No/ref
nom.	max.	min.	max.	max.	max.	max.	max.	max.	max.		kN ¹⁾	± 1	
3.2 (1/8")	3.6	3.45	3.55	5.6	1.0	8.8	3.43	3.2	3		1.2	32	01101-00410
4.0 (5/32")	2.8	4.40	4.50	6.6	1.3	7.2	4.37	1.6	3	2.2		36	01101-00508
	4.4					10.4		3.2	4			25	01101-00512
	5.2					11.9		4.8	4			22	01101-00514
4.8 (3/16")	3.2	5.07	5.17	9.0	1.7	8.0	5.05	2.4	3	2.4		31	01101-00609
	7.2					15.9		8.8	4			17	01101-00619

all dimensions in mm / en millimètres / alle Maße in mm / in millimetri / en milímetros

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English	Français	Deutsch	Italiano	Español
Dome head	Tête plate	Flachrundkopf	Testa tonda	Cabeza alomada
Aluminium alloy* (2.5 % Mg)	Alliage d'aluminium* (2.5% Mg)	Aluminium* (2.5 % Mg)	Lega di alluminio* (2.5% Mg)	Aluminio* (2.5% Mg)
Natural	Brut	Blank	Nessuna finitura	Natural

*: AA 5052, DIN 1725 AlMg2.5 Werkstoff 3.3523

Option:

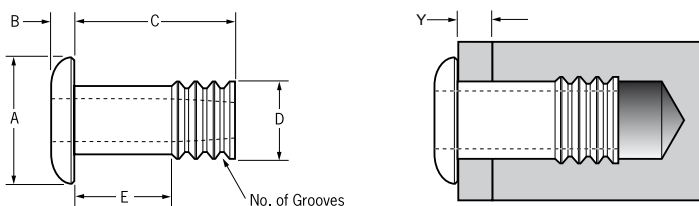
120° countersunk head: replace part no. 01103 with 01104. Details on request.

120° tête fraisée: remplacer la série 01103 par 01104. Détails sur demande.

120° Senkkopf: ersetzen Sie 01103 durch 01104. Details auf Anfrage.

120° testa svasata: sostituire 01103 con 01104. Dettagli su richiesta.

120° cabeza avellanada: cambiar 01103 por 01104. Más información bajo petición.



Ø	Y			A	B	C	D	E	No. of grooves/ cannelures/ Rillen / rigature / aros		Fasteners per pod/ Nombre de rivets par chargeur / Niete pro Magazin/ Rivetti per carica- tore / Uds./carga	Part No/ref
nom.	max.	min.	max.	max.	max.	max.	max.	max.		kN ¹⁾	± 1	
2.4 (3/32")	2.0	2.56	2.66	4.2	1.0	5.6	2.54	2.0	2	0.28	46	01103-00306
3.2 (1/8")	3.6	3.45	3.53	5.6	1.2	8.8	3.43	3.2	3	0.50	32	01103-00410
4.0 (5/32")	2.8	4.40	4.50	6.6	1.4	7.2	4.37	1.6	3	0.82	36	01103-00508
	5.2					11.9		4.8	4		22	01103-00514
4.8 (3/16")	3.2	5.07	5.17	9.0	1.7	8.0	5.05	2.4	3	1.16	31	01103-00609
	7.2					15.9		8.8	4		17	01103-00619

all dimensions in mm / en millimètres / alle Maße in mm / in millimetri / en milímetros

1) typical values / valeurs moyennes / typische Werte / Valori tipici / resistencias máximas recomendadas



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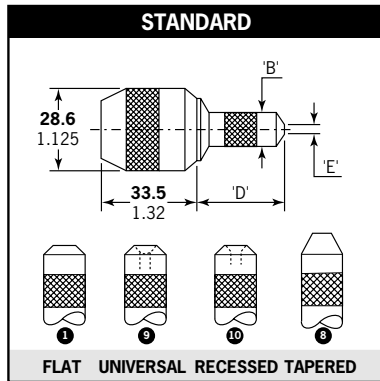
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Briv[®], Chobert[®] & Grovit[®] Nose Equipment

Ensembles de nez / Mundstücke / Equipaggiamento / Equipos de colocación

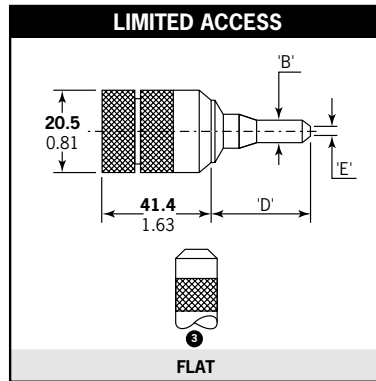


Applications with no or little access restrictions.
Pour applications ne présentant que peu ou pas de contraintes d'accès.

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.

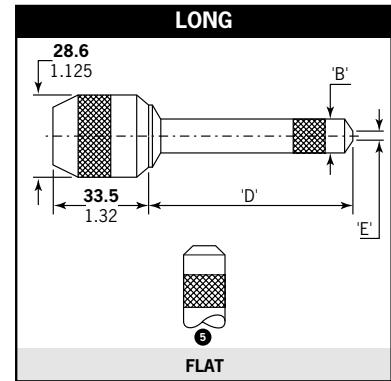


Allows access into very restrictive applications.
Permet d'accéder à des applications à accès très limité.

Für eng an den Bauteilseiten anliegende Nietpunkte.

Consente l'accesso ad applicazioni con serie restrizioni di accesso.

Permite el acceso en aplicaciones de acceso extremadamente limitado.



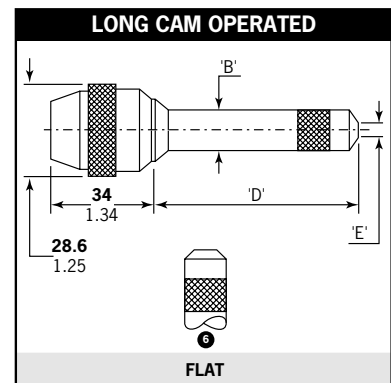
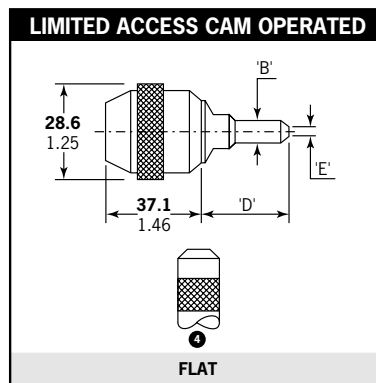
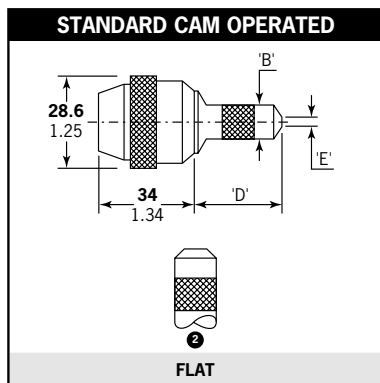
Allows more penetration into applications.

Permet une pénétration supérieure dans les applications sans autres contraintes d'accès.

Für tiefsitzende und eng an den Bauteilseiten anliegende Nietpunkte.

Consente una penetrazione maggiore nell'applicazione senza altre restrizioni di accesso.

Permite una mayor profundidad de acceso en aquellas aplicaciones sin restricción de acceso en anchura.



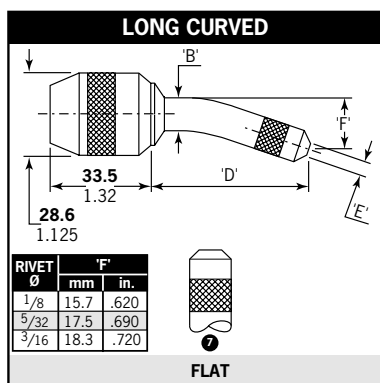
Nose equipment with addition of a twist cam to ease and speed up the nose jaw opening thus the pod reloading procedure.

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.



Type

- ① - ⑦ Flat / Plat / Flach / Piatta / Plana
- ⑧ Tapered / Biseauté / Spitz / A punta / Conica
- ⑨ Universal / Universel / Für erhöhte Klammerkraft / Universale / concava
- ⑩ Recessed / En retrait / Spezial / Incassata / Apriete

Allows more penetration into applications.
Permet une pénétration supérieure dans les applications à accès limité.
Für tiefsitzende und eng an den Bauteilseiten anliegende Nietpunkte.
Consente una penetrazione maggiore nelle applicazioni con restrizioni di accesso.
Permite una mayor penetración en las aplicaciones con acceso limitado.



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Briv[®], Chobert[®] & Grovit[®] Nose Equipment

Ensembles de nez / Mundstücke / Equipaggiamento / Equipos de colocación

Ø nom.	Fastener / Rivets / Niettyp / Rivetti / Remaches	Nose Equipment / Nez de pose / Mundstück / Testata / Boquilla /	Type	Part No/ref	Dimensions / Dimension / Abmessungen / Dimensioni / Dimensiones		
					B	D	E
2.4 (3/32")	Briv [®] / Chobert [®] / Grovit [®]	Standard	❶	07150-03003	9.14	33.02	4.06
		Standard cam operated	❷	07170-04500	9.14	33.02	
		Limited access	❸	07274-01000	5.59	27.18	
		Limited access cam operated	❹	07177-03003	5.08	29.97	
		Standard tapered	❺	07170-03103	9.14	33.02	
3.2 (1/8")	Briv [®] / Chobert [®] / Grovit [®]	Standard	❶	07150-03004	10.41	29.97	5.08
		Standard cam operated	❷	07170-04600		29.97	
		Long	❺	07150-04004		55.37	
		Long cam operated	❻	07170-05000		55.37	
		Long curved	❼	07150-05004		53.85	
		Standard tapered	❸	07170-03104		30.23	
4.0 (5/32")	Briv [®] / Chobert [®] / Grovit [®]	Standard	❶	07150-03005	12.19	33.02	6.10
		Standard cam operated	❷	07170-04700		33.02	
		Long	❺	07150-04005		58.42	
		Long cam operated	❻	07170-05100		58.42	
		Long curved	❼	07150-05005		56.64	
	Chobert [®] / Grovit [®]	Standard tapered	❸	07150-03105	11.18	33.02	
4.8 (3/16")	Briv [®] / Chobert [®] / Grovit [®]	Standard	❶	07150-03006	14.22	29.97	8.38
		Standard cam operated	❷	07170-04800		29.97	
		Long	❺	07150-04006		58.42	
		Long cam operated	❻	07170-05200		58.42	
		Long curved	❼	07150-05006		56.13	
	Chobert [®] / Grovit [®]	Standard tapered	❸	07150-03106		29.97	
6.0	Briv [®]	Standard	❶	07170-05800	16.33	30.65	13.14
		Standard cam operated	❷	07170-05600		30.65	
		Long	❺	07170-05900		55.65	
		Long cam operated	❻	07170-05700		55.65	
6.4 (1/4")	Chobert [®]	Standard	❶	07150-03008	16.26	29.97	9.91
		Standard cam operated	❷	07170-04900		29.97	
		Long	❺	07150-04008		55.37	
		Long cam operated	❻	07170-05300		55.37	

Head forming Nose Equipment / a formage de tête / kopfformend / a formatura di testa / Tipo de boquilla

2.4 (3/32")	Briv [®] 1)	Standard	❸	07150-03203	9.14	33.78	6.60
3.2 (1/8")			❷	07170-03004	10.41	30.48	7.62
4.0 (5/32")			❸	07150-03204		30.99	7.69
4.8 (3/16")			❷	07170-03005	12.19	33.53	10.41
			❸	07150-03205		34.29	
			❷	07170-03006	14.22	30.48	12.01
			❸	07150-03206		31.50	

all dimensions in mm / en millimètres / alle Maße in mm / in millimetri / en milímetro

1) except stainless steel and countersunk / sauf inox et tête fraisée / außer Edelstahl und Senkkopf / eccetto Acciaio inox e testa svasata / excepto acero inoxidable y cabeza avellanada

❸ maximises clench but reduces grip range by approx. 0.4 mm / obtenir le plus fort serrage possible, mais la prise maximum se trouve réduite d'environ 0,4 mm / maximierte Klammerkraft bei Verringerung des Klemmbereiches um ca. 0,4 mm / ottiene la ribaditura più alta possibile, ma la distanza massima tra i centri dei rivetti viene ridotta di circa 0,4 mm / se alcanza un máximo apriete en la fijación, pero el espesor máximo se reduce en aproximadamente 0,4 mm

❷ increases clench without affecting grip range / Augmente le sertissage sans influencer l'épeseur / erhöhte Klammerkraft bei gleichem Klemmbereich / aumenta la ribaditura (la presa di rivettatura) senza compromettere lo spessore / incrementa el apriete sin afectar al rango de espesores a remachar



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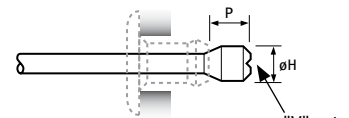
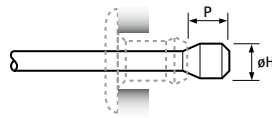
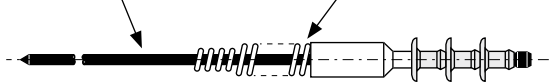
Briv® Mandrel and Spring Information

Aiguilles et Ressorts d'aiguille / Nietdorne und -federn

Mandrini e Molle / Mandriles y Muelles

Mandrel / Aiguille / Nietdorn
Mandrino / Mandril

Spring / Ressort d'aiguille / Nietdornfeder /
Molla / Muelle



Mandrel for stainless steel Briv

ø nom.		Description / description / Beschreibung / descrizione / descripción	ø H	P max.	Standard Nose Equipment Nez de pose Standard Standard-Mundstück Testata Standard Boquilla Estándar		Long Nose Equipment Nez de pose Long Langes Mundstück Testata Lunga Boquilla Larga	
					Mandrel Part No/ref	Spring Part No/ref	Mandrel Part No/ref	Spring Part No/ref
2.4 (3/32") Brass, Aluminium	as rec.	Standard green	1.83	3.02	07150-06013	07150-06803 ¹⁾	N/A	N/A
	+ 0.10	1. oversize yellow	1.93	3.12	07150-06113			
	+ 0.20	2. oversize blue	2.01	3.20	07150-06213			
3.2 (1/8") Brass, Aluminium, Steel	as rec.	Standard green	2.34	3.05	07271-06414	07150-06814	07271-07414	07150-07814
	+ 0.13	1. oversize yellow	2.46	3.20	07271-06514		07271-07514	
	+ 0.25	2. oversize blue	2.59	3.38	07271-06614		07271-07614	
3.2 (1/8") Stainless Steel	as rec.	Standard green	2.49	3.07	07170-06804	07150-06814	07170-07804	07150-07814
	+ 0.13	1. oversize yellow	2.62	3.25	07170-06824		07170-07824	
4.0 (5/32") Brass, Aluminium, Steel	as rec.	Standard green	2.79	3.45	07150-06015	07170-06875	07150-07015	07170-07875
	+ 0.13	1. oversize yellow	2.92	3.61	07150-06115		07150-07115	
	+ 0.25	2. oversize blue	3.05	3.78	07150-06215		07150-07215	
4.0 (5/32") Stainless Steel	as rec.	Standard green	3.05	3.20	07170-06805	07170-06875	07170-07805	07170-07875
	+ 0.13	1. oversize yellow	3.18	3.35	07170-06825		07170-07825	
4.8 (3/16") Brass, Aluminium, Steel	as rec.	Standard green	3.58	3.99	07150-06016	07170-06876	07150-07016	07170-07876
	+ 0.13	1. oversize yellow	3.71	4.17	07150-06116		07150-07116	
	+ 0.25	2. oversize blue	3.84	4.32	07150-06216		07150-07216	
	+ 0.30	3. oversize red	3.85	4.39	07150-06316		07150-07316	
4.8 (3/16") Stainless Steel	as rec.	Standard green	3.89	3.81	07170-06806	07170-06876	07170-07806	07170-07876
	+ 0.13	1. oversize yellow	4.01	3.96	07170-06826		07170-07826	
6.0 Aluminium, Steel	as rec.	Standard green	4.54	4.18	07150-06018	07150-06846	07150-07018	07150-07846
	+ 0.13	1. oversize yellow	4.67	4.34	07150-06118		07150-07118	
	+ 0.25	2. oversize blue	4.79	4.49	07150-06218		07150-07218	

all dimensions in mm / en millimètres / alle Maße in mm / in millimetri / en milímetros

1) For use with standard flat nosepiece. For tapered nosepiece use spring 07170-06873 and for limited access nosepiece use 07170-06903.

Pour usage avec nez de pose standard. Pour nez de pose biseauté usez ressort d'aiguille 07170-06873 et pour nez de pose en reentrant usez 07170-06903.

Für Verwendung mit Standard Mundstück flach. Bei spitzem Mundstück verwenden Sie Feder 07170-06873 und bei abgesetztem Mundstück Feder 07170-06903.

Per uso con nasello standard a filo. Con nasello a punta usate molle 07170-06873 e con nasello incassata usate molle 07170-06903.

Para uso con boquilla estándar plana. Con boquilla cónica utilizar muelle 07170-06873 y con boquilla de acceso limitado utilizar 07170-06903.

English	Français	Deutsch	Italiano	Español
Aluminium	Aluminium	Aluminium	Alluminio	Aluminio
Brass	Laiton	Kupfer-Zink Leg.	Ottone	Latón
Steel	Acier	Stahl	Acciaio	Acero
Stainless Steel	Inox	Edelstahl	Acciaio inox	Acero inoxidable
Standard green	Standard verte	Standard grün	Standard verde	Estándar verde
1. oversize yellow	1. surdimensionnée jaune	1. Übermaß gelb	1. maggiorazione giallo	1. sobremedida amarillo
2. oversize blue	2. surdimensionnée bleue	2. Übermaß blau	2. maggiorazione blu	2. sobremedida azul
3. oversize red	3. surdimensionnée rouge	3. Übermaß rot	3. maggiorazione rosso	3. sobremedida rojo



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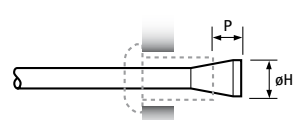
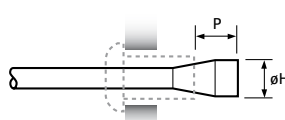
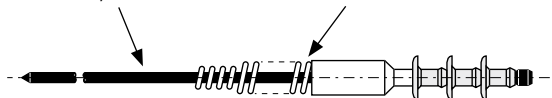
Chobert® & Grovit® Mandrel and Spring Information

Aiguilles et Ressorts d'aiguille / Nietdorne und -federn

Mandrini e Molle / Mandriles y Muelles

Mandrel / Aiguille / Nietdorn
Mandrino / Mandril

Spring / Ressort d'aiguille / Nietdornfeder /
Molla / Muelle



Short Reach (S/R) mandrel

ø nom.		Description / description / Beschreibung / descrizione / descripción	ø H	P max.	P S/R max.	Standard Nose Equipment Nez de pose Standard Standard-Mundstück Testata Standard Boquilla Estándar		Long Nose Equipment Nez de pose Long Langes Mundstück Testata Lunga Boquilla Larga	
						Mandrel ¹⁾ Part No/ref	Spring Part No/ref	Mandrel ³⁾ Part No/ref	Spring Part No/ref
2.4 (3/32") Brass, Aluminium	as rec.	Standard green	1.84	4.22	1.80	07150-06003	07150-06803 ²⁾	07150-07003	07150-07803
	+ 0.04	1. oversize yellow	1.88	4.42	1.98	07150-06303 ¹⁾		S/R only =07150-09103	
	+ 0.09	2. oversize blue	1.93	4.70	N/A	07150-06103		07150-07103	
3.2 (1/8") Brass, Alum., Steel	as rec.	Standard green	2.24	5.49	2.29	07150-06004	07150-06804	07150-07004	07150-07804
	+ 0.10	1. oversize yellow	2.34	6.02	2.49	07150-06104		07150-07104	
	+ 0.25	2. oversize blue	2.49	6.81	2.79	07150-06204		07150-07204	
	+ 0.35	3. oversize red	2.59	7.32	3.00	07150-06304		07150-07304	
4.0 (5/32") Brass, Alum., Steel	as rec.	Standard green	2.72	6.20	2.54	07150-06005	07170-06875	07150-07005	07170-07875
	+ 0.20	1. oversize yellow	2.92	7.21	2.95	07150-06105		07150-07105	
	+ 0.38	2. oversize blue	3.10	8.13	3.30	07150-06205		07150-07205	
	+ 0.63	3. oversize red	3.35	9.45	3.81	07150-06305	07150-06805	07150-07305	07150-07805
4.8 (3/16") Brass, Alum., Steel	as rec.	Standard green	3.35	6.27	2.59	07150-06006	07170-06876	07150-07006	07170-07876
	+ 0.35	1. oversize yellow	3.71	8.13	3.30	07150-06106		07150-07106	
	+ 0.60	2. oversize blue	3.96	9.45	3.81	07150-06206	07150-06806	07150-07206	07150-07806
6.4 (1/4") Alum., Steel	as rec.	Standard green	4.67	6.81	2.79	07150-06008	07150-06808	07150-07008	07150-07808
	+ 0.30	1. oversize yellow	4.98	8.38	3.40	07150-06108		07150-07108	

all dimensions in mm / en millimètres / alle Maße in mm / in millimetri / en milímetro

1) For S/R mandrel substitute 6 with 8 (07150-06xxx => 07150-08xxx), exception: 07150-06303 becomes 07150-08103.

Pour aiguille S/R remplacer 6 par 8 (07150-06xxx => 07150-08xxx), exception: 07150-06303 change à 07150-08103.

Für S/R Nietdorn ersetzen Sie 6 durch 8 (07150-06xxx => 07150-08xxx), Ausnahme: 07150-06303 wird zu 07150-08103.

Per mandrino S/R sostituire 6 con 8 (07150-06xxx => 07150-08xxx), eccezione: 07150-06303 cambia a 07150-08103.

Con muelle S/R cambiar 6 por 8 (07150-06xxx => 07150-08xxx), excepción: 07150-06303 cambia a 07150-08103.

2) For use with standard flat nosepiece. For tapered nosepiece use spring 07170-06873 and for limited access nosepiece use 07170-06903.

Pour usage avec nez de pose standard. Pour nez de pose biseaute usez ressort d'aiguille 07170-06873 et pour nez de pose en retrans usez 07170-06903.

Für Verwendung m. Standard Mundstück flach. Bei spitzem Mundstück verwenden Sie Feder 07170-06873, bei abgesetztem Mundstück Feder 07170-06903.

Per uso con nasello standard a filo. Con nasello a punta usate molle 07170-06873 e con nasello incassata usate molle 07170-06903.

Para uso con boquilla estándar plana. Con boquilla cónica utilizar muelle 07170-06873 y con boquilla de acceso limitado utilizar 07170-06903.

3) For S/R mandrel substitute 7 with 9 (07150-07xxx => 07150-09xxx)

Pour aiguille S/R remplacer 7 par 9 (07150-07xxx => 07150-09xxx)

Für S/R Nietdorn ersetzen Sie 7 durch 9 (07150-07xxx => 07150-09xxx)

Per mandrino S/R sostituire 7 con 9 (07150-07xxx => 07150-09xxx)

Con muelle S/R cambiar 7 por 9 (07150-07xxx => 07150-09xxx)

English	Français	Deutsch	Italiano	Español
Aluminium	Aluminium	Aluminium	Alluminio	Aluminio
Brass	Laiton	Kupfer-Zink Leg.	Ottone	Latón
Steel	Acier	Stahl	Acciaio	Acero
Stainless Steel	Inox	Edelstahl	Acciaio inox	Acero inoxidable
Standard green	Standard verte	Standard grün	Standard verde	Estándar verde
1. oversize yellow	1. surdimensionnée jaune	1. Übermaß gelb	1. maggiorazione giallo	1. sobremedida amarillo
2. oversize blue	2. surdimensionnée bleue	2. Übermaß blau	2. maggiorazione blu	2. sobremedida azul
3. oversize red	3. surdimensionnée rouge	3. Übermaß rot	3. maggiorazione rosso	3. sobremedida rojo



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RivscREW® 1722



For installation information please refer to the tooling overview and manuals on our website www.avdel-global.com.
 Pour les conditions de pose, merci de vous référer à la description de l'outil et aux manuels disponibles sur notre site Web.
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 Per informazioni sull'installazione preghiamo consultare i manuali e la panoramica degli attrezzi sul nostro sito web.
 Para ver información sobre máquinas de colocación, consulte nuestra página web, apartados visión general de máquinas y manuales.

English	Français	Deutsch	Italiano	Español
Dome head	Tête plate	Flachrundkopf	Testa tonda	Cabeza alomada
Low carbon steel*	Acier à faible teneur en carbone*	Stahl*	Acciaio a basso tenore di carbonio*	Acero bajo en carbono*
Zinc plated	Revêtement zingué	Verzinkt	Zincato	Zincado
Clear trivalent passivated	Passivation claire trivalente	Klar chromatiert, Cr6-frei	Passivazione chiara trivalente	Pasivado claro trivalente

* : BS 3111 Type 0, SAE 1008, DIN 1654 Qst 34-3

Option:

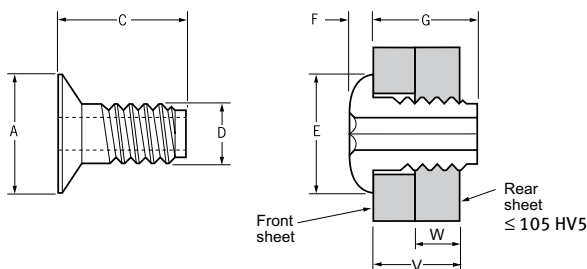
RivscREW® fasteners are now available with a pre-formed head (the head is not formed from countersunk to dome during installation). For pre-formed variants substitute part number 01722 with 01772. Further details on request.

Les rivets RivscREW® sont disponibles avec une tête de rivet préformée (la tête n'est pas formée durant la pose du rivet). Pour des variantes avec têtes préformées substituer les références 01722 par 01772. Plus de détails sur demande.

RivscREW® Magazin-Blindniete sind jetzt auch mit vorgeformtem Kopf erhältlich (der Kopf wird nicht während der Verarbeitung aus einem Senkkopf geformt). Für vorgeformte Varianten ersetzen Sie Artikel-Nr. 01722 durch 01772. Weitere Details auf Anfrage.

I rivetti RivscREW® sono adesso disponibili con la testa pre-formata (la testa non è plasmata da svasata a tonda durante l'installazione). Per varianti pre-formate sostituire il codice 01722 con 01772. Ulteriori dettagli su richiesta.

Los remaches RivscREW® están ahora disponibles con cabeza alomada preformada (la cabeza durante la colocación no deforma de avellanada a alomada). Para esta versión la referencia 01722 se sustituye por la 01772. Más información bajo petición.



Ø	Ø D	Front sheet / pièce à fixer / oberes Bauteil / piastra frontale/ pieza anterior		Rear sheet / pièce support/ unteres Bauteil/ piastra posteriore / pieza posterior		A	C	W	V	E ¹⁾	F ¹⁾	G	Fasteners per pod/Nombre de rivets par chargeur/ Niete pro Ma- gazin/ Rivetti per caricatore / Uds./carga	Part No/ref
nom.	max.	min.	max.	min.	max.	± 0.3	max.	min.	max.	max.	max.	max.	± 1	
2.8	2.6	2.95	3.02	2.62	2.70	5.7	5.2	1.62	2.85	6.1	1.4	4.0	62	01722-02806
							6.1		3.85			5.0	52	01722-02807
							7.1		4.83			6.0	43	01722-02809
							8.1		5.82			7.0	38	01722-02810
							10.1		7.80			9.0	30	01722-02812
3.0	2.8	3.07	3.15	2.82	2.89	5.7	5.2	1.62	2.85	6.1	1.4	4.0	62	01722-03006
							6.1		3.85			5.0	52	01722-03007
							7.1		4.83			6.0	43	01722-03009
							8.1		5.82			7.0	38	01722-03010
							9.1		6.81			8.0	34	01722-03011
							10.1		7.80			9.0	30	01722-03012
							13.1		10.72			11.9	23	01722-03016

all dimensions in mm / en milimètres / alle Maße in mm / in millimetri / en milímetros

1) see page 2 / voir page 2 / siehe Seite 2 / vedi pagina 2 / ver Pág. 2



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RivscREW® 1722

Ø	Ø D	Front sheet / pièce à fixer / oberes Bauteil / piastra frontale / pieza anterior		Rear sheet / pièce support / unteres Bauteil / piastra posteriore / pieza posterior		A	C	W	V	E ¹⁾	F ¹⁾	G	Fasteners per pod/Nbre de rivets par chargeur / Niete pro Magazin / Rivetti per caricatore / Uds./carga	Part No/ref
nom.	max.	min.	max.	min.	max.	± 0.3	max.	min.	max.	max.	max.	max.	± 1	
3.5	3.1	3.50	3.58	3.10	3.17	5.8	5.2	1.62	2.85	6.1	1.4	4.0	62	01722-03506
							6.1		3.85			5.0	52	01722-03507
							7.1		4.83			6.0	43	01722-03509
							8.1		5.82			7.0	38	01722-03510
							9.1		6.81			8.0	34	01722-03511
							10.1		7.80			9.0	30	01722-03512
							14.1		11.76			12.9	21	01722-03517
4.0	3.6	4.19	4.27	3.61	3.68	6.0	5.2	1.62	2.85	6.4	1.4	4.0	62	01722-04006
							6.1		3.85			5.0	52	01722-04007
							7.1		4.83			6.0	43	01722-04009
							8.1		5.82			7.0	38	01722-04010
							9.1		6.81			8.0	34	01722-04011
							10.1		7.80			9.0	30	01722-04012
							12.1		9.78			11.0	25	01722-04015

all dimensions in mm / en millimètres / alle Maße in mm / in millimetri / en milímetros

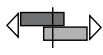
1) dimensions E and F are generated during the installation process and should only be used as an indication of the minimum space required

Les cotes E et F ne sont données qu'à titre et représentent l'encombrement maximal de la tête du RivscREW après pose

Maße E und F werden während der Verarbeitung erzeugt und sollten nur als Anhaltspunkt für den minimalen Platzbedarf verwendet werden

Le dimensioni E e F sono generate durante il processo d'installazione e devono essere usate solo come un'indicazione del minimo spazio richiesto.

Las dimensiones E y F se conforman en el proceso de colocación y deben tomarse como orientativas para comprobar el espacio mínimo necesario.

Ø			Hex Key Size / Dim. clef 6 pans/ Sechskantgröße/ Dim. chiave esagonale/ llave Allen
nom.	kN	kN	
2.8	0.9	0.7	1.60 (1/16")
3.0	0.9	0.8	1.60 (1/16")
3.5	1.0	1.0	2.0 (5/64")
4.0	1.3	1.2	2.5



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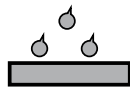
RivscREW® PL 1742



For installation information please refer to the tooling overview and manuals on our website www.avdel-global.com.
 Pour les conditions de pose, merci de vous référer à la description de l'outil et aux manuels disponibles sur notre site Web.
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English	Français	Deutsch	Italiano	Español
Dome head	Tête bombée	Flachrundkopf	Testa tonda	Cabeza alomada
Low carbon steel*	Acier à faible teneur en carbone*	Stahl*	Acciaio a basso tenore di carbonio*	Acero bajo en carbono*
Zinc plated	Zingué	Verzinkt	Zincati	Zincado
Clear passivated	Passivé clair	Klar chromatiert	Passivati	Pasivado claro

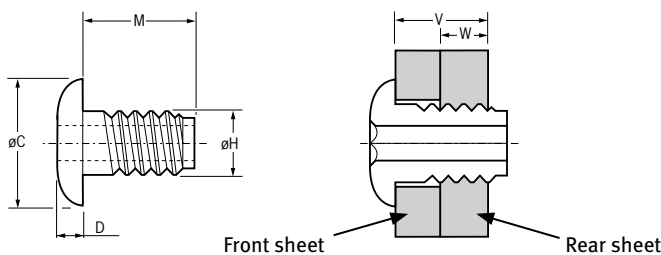
~~Cr6~~



120 h**

* : BS 3111 Type 0, SAE 1008, DIN 1654 Qst 34-3

** : to red rust / à la rouille rouge / bis Rotrost / alla ruggine rossa / al óxido rojo (ASTM B117)



Ø	Ø H		Front sheet / Pièce à fixer / oberes Bauteil / piastra frontale / pieza anterior		Rear sheet / Pièce support / unteres Bauteil / piastra posteriore/ pieza posterior		ØC	D	M	W	V	Hex Key Size / Dim. clef 6 pans/ Sechskantgröße/ Dim. chiave esagonale / llave Allen	Part No/ref
													
nom.	min.	max.	min.	max.	min.	max.	± 0.2	± 0.1	max.	min.	max.		
3.0	2.71	2.81	3.28	3.35	2.82	2.90	6.0	1.09	6.93	2.79	5.46	1.60 (1/16")	01742-03008
									10.11		8.64		01742-03012
									13.28		11.81		01742-03016
3.5	3.00	3.09	3.53	3.63	3.10	3.18	6.0		6.93	2.79	5.46	1.60 (1/16")	01742-03508
									10.11		8.64		01742-03512
									13.28		11.81		01742-03516
4.0	3.29	3.39	4.09	4.17	3.40	3.47	7.9		6.93	3.04	5.46	2.00 (5/64")	01742-04008
									10.11		8.64		01742-04012
									13.28		11.81		01742-04016
4.5	3.89	3.99	4.93	5.00	4.00	4.08	7.9		6.93	3.04	5.46	2.50	01742-04508
									10.11		8.64		01742-04512
									13.28		11.81		01742-04516

all dimensions in mm / en millimètres / alle Maße in mm / in millimetri / en milímetros



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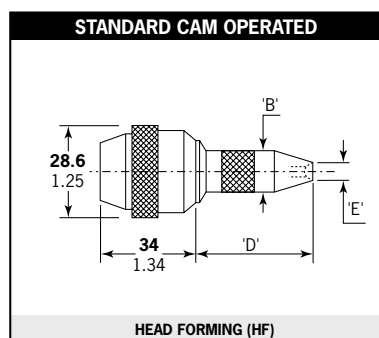
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Rivscrow® & Rivscrow® PL Nose Equipment

Ensembles de nez / Mundstücke / Equipaggiamento / Equipos de colocación

Rivscrow®

Head forming / a formage de tête / kopfformend / a formatura di testa / Tipo de boquilla

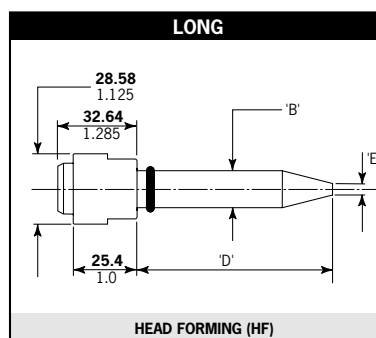


Applications with no or little access restrictions.
Pour applications ne présentant que peu ou pas de contraintes d'accès.

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.



Allows more penetration into applications.

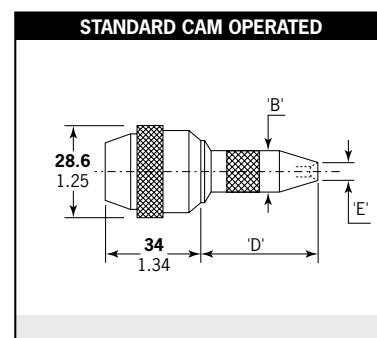
Permet une pénétration supérieure dans les applications sans autres contraintes d'accès.

Für tiefsitzende und eng an den Bauteilseiten anliegende Nietpunkte.

Consente una penetrazione maggiore nell'applicazione senza altre restrizioni di accesso.

Permite una mayor profundidad de acceso en aquellas aplicaciones sin restricción de acceso en anchura.

Rivscrow® PL



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.

Ø nom.	Fastener / Rivets / Niettyp / Rivetti / Remaches	Nose Equipment / Nez de pose / Mundstück / Testata / Boquilla /	Part No/ref	Dimensions / Dimension / Abmessungen / Dimensioni / Dimensiones		
				B	D	E
2.8	Rivscrow®	Standard cam operated	07271-03000	10.41	29.97	6.10
		Long	07271-08600	15.50	67.10	6.35
3.0		Standard cam operated	07271-03000	10.41	29.97	6.10
		Long	07271-08600	15.50	67.10	6.35
3.5		Standard cam operated	07271-03500	10.41	29.97	6.10
		Long	07271-08700	15.50	67.10	6.35
4.0		Standard cam operated	07271-04000	10.41	29.97	6.35
		Long	07271-08800	15.50	67.10	7.10
3.0	Rivscrow® PL	Standard cam operated	07271-03000	10.41	29.97	6.10
3.5						
4.0		Standard	07150-03005	12.19	33.02	6.10
4.5						

all dimensions in mm / en millimètres / alle Maße in mm / in millimetri / en milímetro



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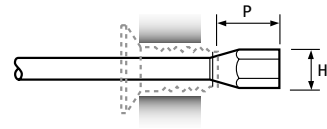
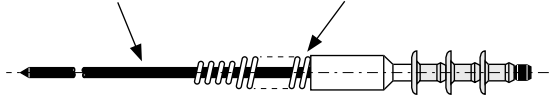
RivscREW® & RivscREW® PL Mandrel & Spring Information

Aiguilles et Ressorts d'aiguille / Nietdorne und -federn

Mandrini e Molle / Mandriles y Muelles

Mandrel / Aiguille / Nietdorn
Mandrino / Mandril

Spring / Ressort d'aiguille / Nietdornfeder /
Molla / Muelle



Ø	Nose Nez Mundstück Testata Boquilla	Description Description Beschreibung Descrizione Descripción	H A/F	P	Mandrel Aiguille Nietdorn Mandrino Mandril	Spring Ressort d'aguille Nietdornfeder Molla Muelle
nom.	Part No/ref.			max.	Part No/ref	Part No/ref
RivscREW® 1722						
2.8	07271-03000	Standard cam operated	1.65	3.23	07271-06030	07271-06630
	07271-08600	Long			07271-07030	07271-07630
3.0	07271-03000	Standard cam operated	1.65	3.23	07271-06030	07271-06630
	07271-08600	Long			07271-07030	07271-07630
3.5	07271-03500	Standard cam operated	2.10	3.35	07271-06035	07271-06635
	07271-08700	Long			07271-07035	07271-07635
4.0	07271-04000	Standard cam operated	2.62	3.81	07271-06140	07271-06640
	07271-08800	Long			07271-07140	07271-07640
RivscREW® PL 1742						
3.0	07271-03000	Standard cam operated	1.65	3.75	07279-06429	07271-06630
3.5						
4.0	07150-03005	Standard	2.10	3.35	07271-06035	07271-06635
4.5			2.62	3.81	07271-06140	07271-06640

all dimensions in mm / en millimètres / alle Maße in mm / in millimetri / en milímetro



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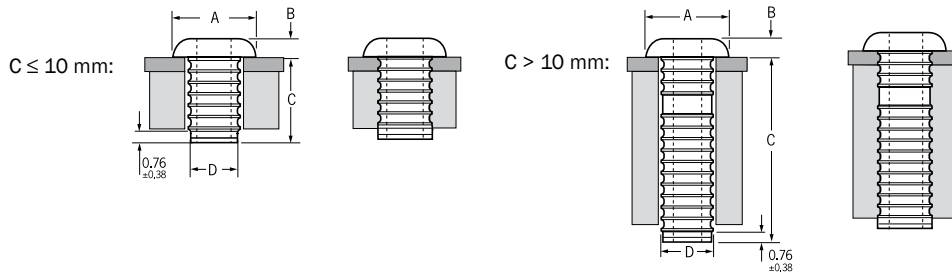
Avtronic® 1188

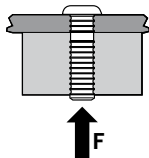


For installation information please refer to the tooling overview and manuals on our website www.avdel-global.com.
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English	Français	Deutsch	Italiano	Español
Dome head	Tête plate	Flachrundkopf	Testa tonda	Cabeza alomada
Brass*	Laiton*	Kupfer-Zink Legierung*	Ottone*	Latón*
Electro tin plated	Etamage électrolytique	verzinkt	Stagnato	Estañado electrolítico

*: BS EN 12166 CW 508L DIN 17660 CuZn37



Ø			A	B	C	D		Fasteners per pod/ Nombre de rivets par chargeur / Niete pro Magazin / Rivetti per caricatore / Uds./carga	Part No/ref
nom.	min.	max.	max.	max.	max.	max.			
2.5	2.50	2.60	4.14	0.94	5.18	2.48	0.045	51	01188-02506
					6.78			41	01188-02508
					8.36			33	01188-02510
					9.96			28	01188-02512
					11.53			24	01188-02514
					13.13			21	01188-02516
					14.71			19	01188-02518
					16.31			17	01188-02520
					17.88			16	01188-02522
2.8	2.80	2.90	4.14	0.94	5.18	2.75	0.067	52	01188-02806
					6.78			41	01188-02808
					8.36			33	01188-02810
					9.96			28	01188-02812
					11.53			24	01188-02814
					13.13			21	01188-02816
					14.71			19	01188-02818
					16.31			17	01188-02820
					17.88			16	01188-02822

all dimensions in mm / en millimètres / alle Maße in mm / in millimetri / en milímetros

1) typical values / valeurs moyennes / typische Werte / Valori tipici / resistencias máximas recomendadas



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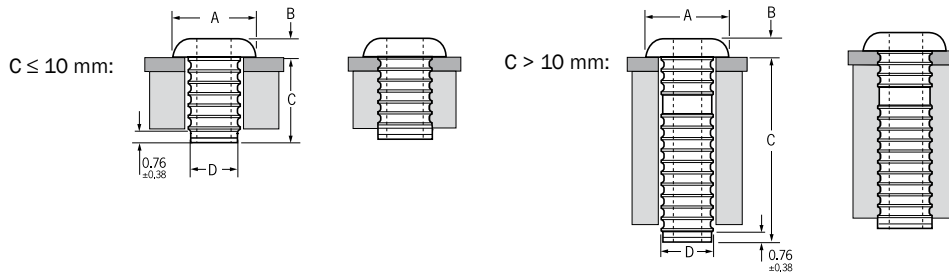
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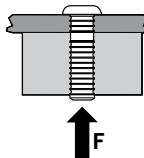
Avtronic® 1189



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English	Français	Deutsch	Italiano	Español
Dome head	Tête plate	Flachrundkopf	Testa tonda	Cabeza alomada
Aluminium alloy* (5 % Mg)	Alliage d'aluminium* (5% Mg)	Aluminium* (5 % Mg)	Lega di alluminio* (5% Mg)	Aluminio* (5% Mg)
Natural	Brut	Blank	Nessuna finitura	Natural
*: BS 1473 5056A DIN 1725 AlMg5 Werkstoff 3.3555				



Ø			A	B	C	D		Fasteners per pod/ Nombre de rivets par chargeur / Niete pro Magazin / Rivetti per caricatore / Uds./carga	Part No/ref
nom.	min.	max.	max.	max.	max.	max.	kN ¹⁾	± 1	
2.5	2.50	2.60	4.14	0.94	5.18	2.48	0.03	51	01189-02506
					6.78			41	01189-02508
					8.36			33	01189-02510
					9.96			28	01189-02512
					11.53			24	01189-02514
					13.13			21	01189-02516
					14.71			19	01189-02518
					16.31			17	01189-02520
					17.88			16	01189-02522
					5.18			52	01189-02806
2.8	2.80	2.90	4.14	0.94	6.78	2.75	0.04	41	01189-02808
					8.36			33	01189-02810
					9.96			28	01189-02812
					11.53			24	01189-02814
					13.13			21	01189-02816
					14.71			19	01189-02818
					16.31			17	01189-02820
					17.88			16	01189-02822
					5.18			52	01189-02806
					6.78			41	01189-02808

all dimensions in mm / en millimètres / alle Maße in mm / in millimetri / en milímetros

1) typical values / valeurs moyennes / typische Werte / Valori tipici / resistencias máximas recomendadas



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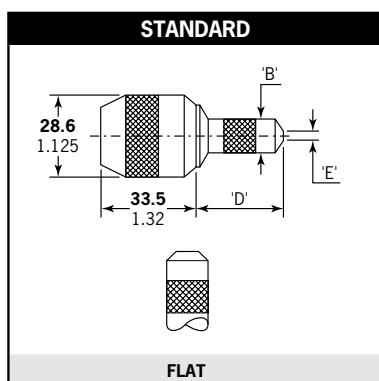
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Avtronic® Nose Equipment

Ensembles de nez / Mundstücke / Equipaggiamento / Equipos de colocación

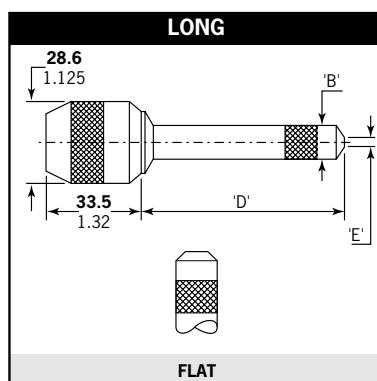


Applications with no or little access restrictions.
Pour applications ne présentant que peu ou pas de contraintes d'accès.

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.



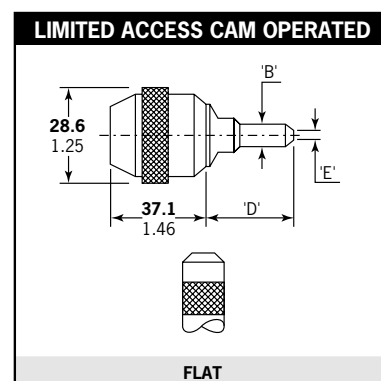
Allows more penetration into applications.

Permet une pénétration supérieure dans les applications sans autres contraintes d'accès.

Für tiefsitzende und eng an den Bauteilseiten anliegende Nietpunkte.

Consente una penetrazione maggiore nell'applicazione senza altre restrizioni di accesso.

Permite una mayor profundidad de acceso en aquellas aplicaciones sin restricción de acceso en anchura.



Allows access into very restrictive applications.

Permet d'accéder à des applications à accès très limité.

Für eng an den Bauteilseiten anliegende Nietpunkte.

Consente l'accesso ad applicazioni con serie restrizioni di accesso.

Permite el acceso en aplicaciones de acceso extremadamente limitado.

Ø nom.	Fastener / Rivets / Niettyp / Rivetti / Remaches	Nose Equipment / Nez de pose / Mundstück / Testata / Boquilla /	Part No/ref	Dimensions / Dimension / Abmessungen / Dimensioni / Dimensiones		
				B	D	E
2.5	Avtronic®	Standard	07150-03003	9.14	33.02	4.06
		Long	07150-04003	10.41	58.42	4.06
		Limited Access	07271-08000	10.41	29.97	4.06
2.8		Standard	07271-05600	9.14	33.02	4.06
		Long	07271-05900	10.41	58.42	4.06
		Limited Access	07271-08100	10.16	29.97	4.06

all dimensions in mm / en millimètres / alle Maße in mm / in millimetri / en milímetro



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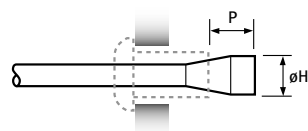
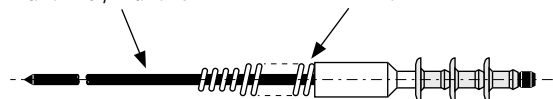
Avtronic® Mandrel & Spring Information

Aiguilles et Ressorts d'aiguille / Nietdorne und -federn

Mandrini e Molle / Mandriles y Muelles

Mandrel / Aiguille / Nietdorn
Mandrino / Mandril

Spring / Ressort d'aiguille / Nietdornfeder /
Molla / Muelle



ø	nom.	Description / description / Beschreibung / descrizione / descripción 1)	ø H	P	Standard Nose Equipment Nez de pose Standard Standard-Mundstück Testata Standard Boquilla Estándar		Long Nose Equipment Nez de pose Long Langes Mundstück Testata Lunga Boquilla Larga		Limited Access Equipment Nez d'accès limité Mundstück abgesetzt Testata Accesso limitato Boquilla Acceso limitado	
					Mandrel Part No/ref	Spring Part No/ref	Mandrel Part No/ref	Spring Part No/ref	Mandrel Part No/ref	Spring Part No/ref
2.5	as rec.	Standard green	1.78	3.56	07170-06025	07150-06803	07170-07025	07150-07803	07170-06025	07150-06803
	+ 0.07	1. oversize yellow	1.85	3.56	07170-06125		07170-07125		07170-06125	
	+ 0.15	2. oversize blue	1.93	3.56	07170-06225		07170-07225		07170-06225	
2.8	as rec.	Standard green	2.01	3.81	07170-06028	07170-06528	07170-07028	07170-07528	07170-06028	07170-06873
	+ 0.07	1. oversize yellow	2.08	3.81	07170-06128		07170-07128		07170-06128	
	+ 0.15	2. oversize blue	2.16	3.81	07170-06228		07170-07228		07170-06228	

all dimensions in mm / en millimètres / alle Maße in mm / in millimetri / en milímetro

1) Standard green / Standard verte / Standard grün / Standard verde / Estándar verde

1. oversize yellow / 1. surdimensionnée jaune / 1. Übermaß gelb / 1. maggiorazione giallo / 1. sobremedida amarillo

2. oversize blue / 2. surdimensionnée bleue / 2. Übermaß blau / 2. maggiorazione blu / 2. sobremedida azul



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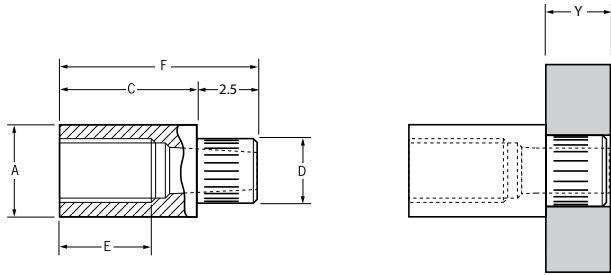
For installation information please refer to the tooling overview and manuals on our website www.avdel-global.com.
 Pour les conditions de pose, merci de vous référer à la description de l'outil et aux manuels disponibles sur notre site Web.
 Angaben zur Verarbeitung entnehmen Sie bitte der Geräteübersicht und den Betriebsanleitungen auf unserer Website.
 Per informazioni sull'installazione preghiamo consultare i manuali e la panoramica degli attrezzi sul nostro sito web.
 Para ver información sobre máquinas de colocación, consulte nuestra página web, apartados visión general de máquinas y manuales.

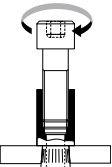


English	Français	Deutsch	Italiano	Español
Short spigot	Pion court	Kurzer Schaft	Piedino corto	Espiga corta
Brass*	Laiton*	Kupfer-Zink Legierung*	Ottone*	Latón*
Tin plated**	Etamé**	verzinkt**	Stagnato**	Estañado**

*: CuZn38Pb1.5 (ROHS conform)

**: ROHS conform



Ø	Y				A	C	D	E	F		Fasteners per pod/ Nombre de rivets par chargeur/ Niete pro Magazin/ Rivetti per carica- tore / Uds./carga	Part No/ref
	nom.	min.	max.	min.								
M2.5 x 0.45	0.8	2.0	2.70	2.80	4.05	5.5	2.69	3.4	8.0	0.85	36	01117-06555
						6.0		3.9	8.5		34	01117-06560
						7.0		4.9	9.5		30	01117-06570
						8.0		5.9	10.5		27	01117-06580
						9.0		5.9	11.5		25	01117-06590
M3 x 0.5	0.8	2.0	3.30	3.40	4.85	5.5	3.28	3.4	8.0	1.38	36	01117-07055
						6.0		3.9	8.5		34	01117-07060
						7.0		4.9	9.5		30	01117-07070
						8.0		5.9	10.5		27	01117-07080
						9.0		5.9	11.5		25	01117-07090

all dimensions in mm / en millimètres / alle Maße in mm / in millimetri / en milímetros

1) As tested in 1.5 mm 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 1,5 mm starker glasfaserverstärkter Leiterplatte nach Spezifikation NEMA-L11-1971 Typ FR4.

Testato in un circuito rinforzato con fibra di vetro di 1,5 mm come da specifica NEMA-L11-1971 tipo FR4.

Testado en una tarjeta reforzada con fibra de vidrio de 1,5 mm.



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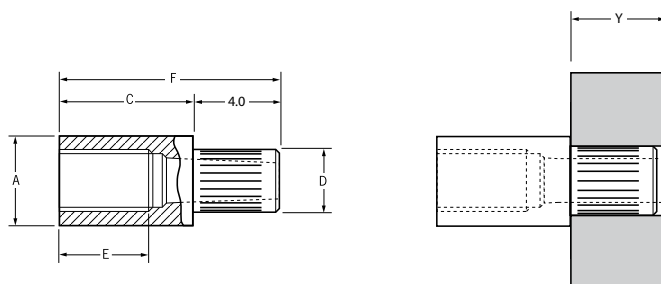


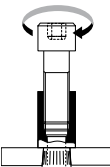
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English	Français	Deutsch	Italiano	Español
Long spigot	Pion long	Langer Schaft	Piedino lungo	Espiga larga
Brass*	Laiton*	Kupfer-Zink Legierung*	Ottone*	Latón*
Tin plated**	Etamè **	verzinkt**	Stagnato**	Estañado**

*: CuZn38Pb1.5 (ROHS conform)

** : ROHS conform



Ø	Y				A	C	D	E	F		Fasteners per pod/ Nombre de rivets par chargeur/ Niete pro Magazin/ Rivetti per carica- tore / Uds./carga	Part No/ref
	nom.	min.	max.	min.	max.	max.	± 0.1	max.	min.	± 0.2	Nm max. ¹⁾	
M2.5 x 0.45	0.8	2.4	2.70	2.80	4.05	5.5	2.69	3.4	9.5	0.96	30	01118-06555
						6.0		3.9	10.0		29	01118-06560
						7.0		4.9	11.0		26	01118-06570
						8.0		5.9	12.0		24	01118-06580
						9.0		5.9	13.0		22	01118-06590
M3 x 0.5	0.8	2.4	3.30	3.40	4.85	5.5	3.28	3.4	9.5	1.52	30	01118-07055
						6.0		3.9	10.0		29	01118-07060
						7.0		4.9	11.0		26	01118-07070
						8.0		5.9	12.0		24	01118-07080
						9.0		5.9	13.0		22	01118-07090

all dimensions in mm / en millimètres / alle Maße in mm / in millimetri / en milímetros

1) As tested in 1.5 mm 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 1,5 mm starker glasfaserverstärkter Leiterplatte nach Spezifikation NEMA-L11-1971 Typ FR4.

Testato in un circuito rinforzato con fibra di vetro di 1,5 mm come da specifica NEMA-L11-1971 tipo FR4.

Testado en una tarjeta reforzada con fibra de vidrio de 1,5 mm.



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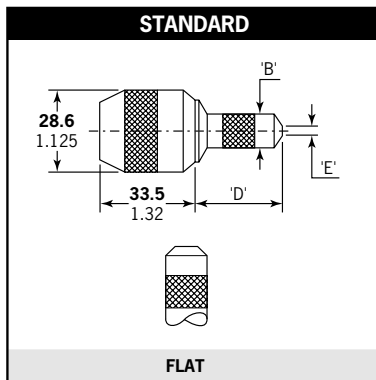
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Avsert® Nose Equipment

Ensembles de nez / Mundstücke / Equipaggiamento / Equipos de colocación

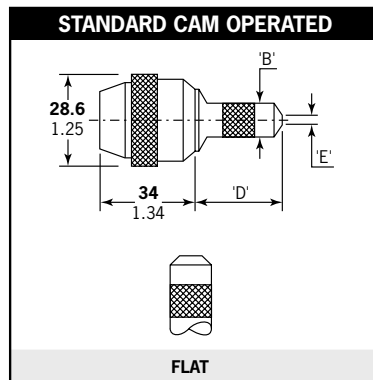


Applications with no or little access restrictions.
Pour applications ne présentant que peu ou pas de contraintes d'accès.

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.	Fastener / Rivets / Niettyp / Rivetti / Remaches	Nose Equipment / Nez de pose / Mundstück / Testata / Boquilla /	Part No/ref	Dimensions / Dimension / Abmessungen / Dimensioni / Dimensiones		
				B	D	E
M2.5 x 0.45	Avsert®	Standard	07150-03003	9.14	33.02	4.06
M3 x 0.5		Standard	07150-03004	10.41	29.97	5.08
		Standard cam operated	07170-04600			

all dimensions in mm / en millimètres / alle Maße in mm / in millimetri / en milímetro



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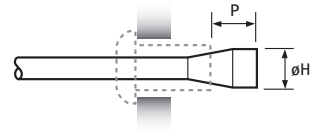
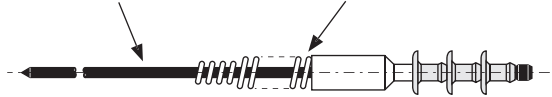
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Avsert® Mandrel & Spring Information

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

Mandrel / Aiguille / Nietdorn
Mandrino / Mandril

Spring / Ressort d'aiguille / Nietdornfeder /
Molla / Muelle



ø		Description Description Beschreibung Descrizione Descripción	ø H	P	Standard Nose Equipment Nez de pose Standard Standard-Mundstück Testata Standard Boquilla Estándard	
					Mandrel Part No/ref	Spring Part No/ref
nom.				max.		
M2.5 x 0.45	as rec.	Standard green	1.84	3.68	07150-06003	07150-06803
M3 x 0.5	as rec.	Standard green	2.24	4.70	07150-06004	07150-06804

all dimensions in mm / en millimètres / alle Maße in mm / in millimetri / en milímetro



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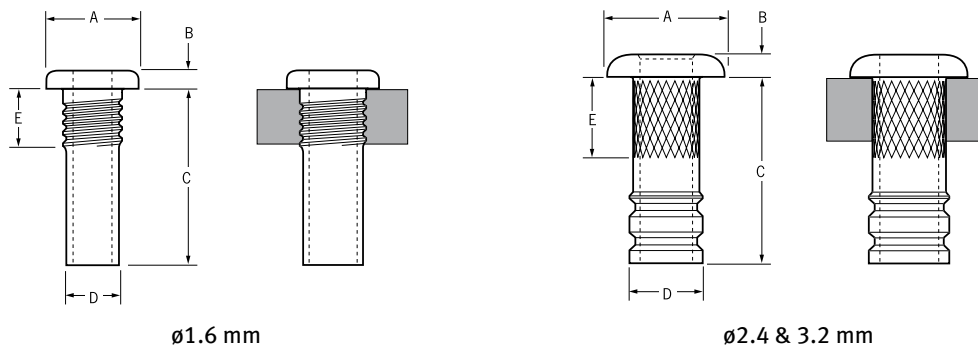
Avlug® 1107



For installation information please refer to the tooling overview and manuals on our website www.avdel-global.com.
 Pour les conditions de pose, merci de vous référer à la description de l'outil et aux manuels disponibles sur notre site Web.
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 Para ver información sobre máquinas de colocación, consulte nuestra página web, apartados visión general de máquinas y manuales.

English	Français	Deutsch	Italiano	Español
Dome head	Tête plate	Flachrundkopf	Testa tonda	Cabeza alomada
Brass*	Laiton*	Kupfer-Zink Legierung*	Ottone*	Latón*
Tin plated	Etamé	verzinkt	Stagnato	Estañado

*: BS EN 12166 CW 508L DIN 17660 CuZn37



Ø			A	B	C	D	E	No. of grooves / cannelures / Rillen / rigature / aros	Fasteners per pod / Nombre de rivets par chargeur / Niete pro Magazin / Rivetti per caricatore / Uds./carga	Part No/ref
nom.	min.	max.	max.	max.	max.	max.	max.		± 1	
1.6 (1/16")	1.80	1.93	2.80	0.61	4.11 6.51	1.79	2.04	4	62 42	01107-00205 01107-00208
2.4 (3/32")	2.62	2.74	4.15	0.94	8.36 9.96	2.60	3.43	2 3	33 28	01107-00310 01107-00312
3.2 (1/8")	3.38	3.51	5.52	1.15	9.96	3.36	3.43	3	26	01107-00412

all dimensions in mm / en millimètres / alle Maße in mm / in millimetri / en milímetros

1) typical values / valeurs moyennes / typische Werte / Valori tipici / resistencias máximas recomendadas



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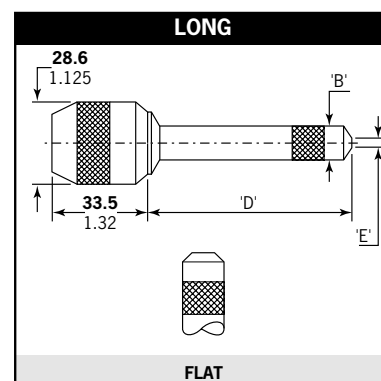
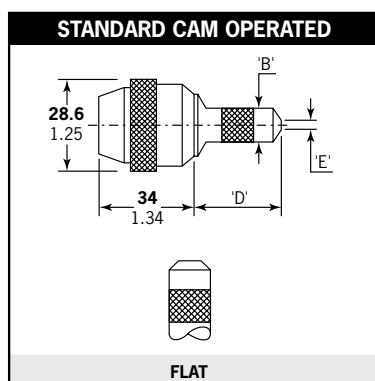
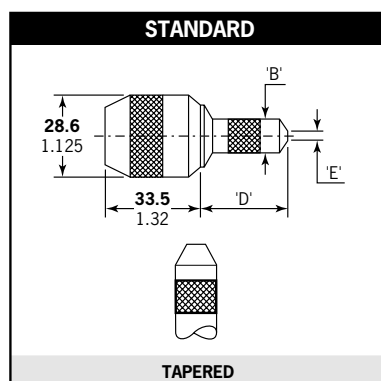
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Avlug® Nose Equipment

Ensembles de nez / Mundstücke / Equipaggiamento / Equipos de colocación



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.

Allows more penetration into applications.

Permet une pénétration supérieure dans les applications sans autres contraintes d'accès.

Für tiefsitzende und eng an den Bauteilseiten anliegende Nietpunkte.

Consente una penetrazione maggiore nell'applicazione senza altre restrizioni di accesso.

Permite una mayor profundidad de acceso en aquellas aplicaciones sin restricción de acceso en anchura.

Ø nom.	Fastener / Rivets / Niettyp / Rivetti / Remaches	Nose Equipment / Nez de pose / Mundstück / Testata / Boquilla /	Part No/ref	Dimensions / Dimension / Abmessungen / Dimensioni / Dimensiones		
				B	D	E
1.6 ¹⁾ (1/16")	Avlug®	Standard	07154-03102	5.46	25.40	2.67
2.4 (3/32")		Standard	07150-03003	9.14	33.02	4.06
		Standard cam operated	07170-04500			
		Standard tapered	07150-03103			
3.2 (1/8")		Long	07150-04003	10.41	58.4	5.08
		Standard	07150-03004	10.41	29.97	
		Standard cam operated	07170-04600		30.23	
		Standard tapered	07170-03104		55.4	
			Long	07150-04004		

all dimensions in mm / en millimètres / alle Maße in mm / in millimetri / en milímetros

1) Installation only with handtool type 7536 / Outil de pose model 7536 seulement / Verarbeitung nur mit Druckluftgerät Typ 7536 /
Piazzamento solo con attrezzo modello 7536 / Colocación solo con máquina modelo 7536



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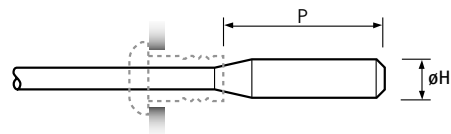
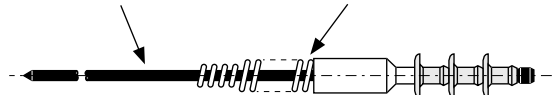
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Avlug® Mandrel & Spring Information

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Mandrini e Molle / Mandriles y Muelles

Mandrel / Aiguille / Nietdorn
Mandrino / Mandril

Spring / Ressort d'aiguille / Nietdornfeder /
Molla / Muelle



ø		Description / description / Beschreibung / descrizione / descripción 2)	ø H	P	Standard Nose Equipment Nez de pose Standard Standard-Mundstück Testata Standard Boquilla Estándar		Long Nose Equipment Nez de pose Long Langes Mundstück Testata Lunga Boquilla Larga	
					Mandrel Part No/ref	Spring Part No/ref	Mandrel Part No/ref	Spring Part No/ref
1.6 ¹⁾ (1/16")	as rec.	Standard green	1.30	9.01	07154-06602	07154-06802	N/A	N/A
	+ 0.10	1. oversize yellow	1.43	9.67	07155-06702			
2.4 (3/32")	as rec.	Standard green	1.93	8.97	07150-06603	07150-06803	07150-07603	07150-07803
	+ 0.10	1. oversize yellow	2.06	12.14	07150-06703		07150-07703	
3.2 (1/8")	as rec.	Standard green	2.49	15.06	07150-06604	07150-06804	07150-07604	07150-07804

all dimensions in mm / en millimètres / alle Maße in mm / in millimetri / en milímetro

1) Installation only with handtool type 7536 / Outil de pose model 7536 seulement / Verarbeitung nur mit Druckluftgerät Typ 7536 /
Piazzamento solo con attrezzo modello 7536 / Colocación solo con máquina modelo 7536

2) Standard green / Standard verte / Standard grün / Standard verde / Estándar verde

1. oversize yellow / 1. surdimensionnée jaune / 1. Übermaß gelb / 1. maggiorazione giallo / 1. sobremedida amarillo



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