

# Interlock<sup>®</sup>

Multi-grip structural breakstem fasteners providing a fully sealed joint.



## Key features and benefits

- Excellent hole fill via radially expanded body provides greater joint integrity, added water resistance and compensates for irregular, oversized, slotted or misaligned holes
- Can stop sheet movement in non-standard holes
- Good sheet take-up performance for large gap closing capability
- Stem mechanically locked into body avoids damage, electrical problems or rattling caused by loose stems
- Multi-grip capability accommodates wide variations in material thickness
- High shear and tensile strength requires fewer rivets per assembly

## Specifications

Sizes:

3/16" – 3/8"

(4.8 mm – 10 mm)

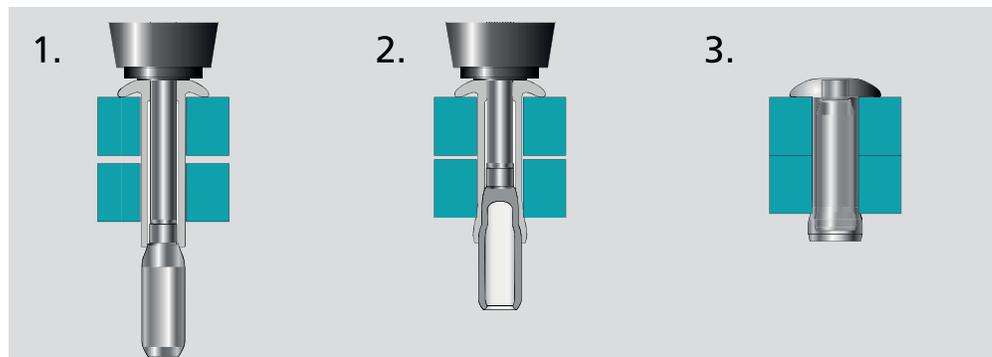
Materials:

Aluminum, Steel

Head Styles:

Protruding, Countersunk

## Typical placing sequence



Please visit our website for fastener placing animations and technical data.

## Assembly applications

- Automotive
- Cabinets and enclosures
- Commercial vehicles
- Domestic appliances
- Heating and ventilation

Truck trailer



Heat exchanger

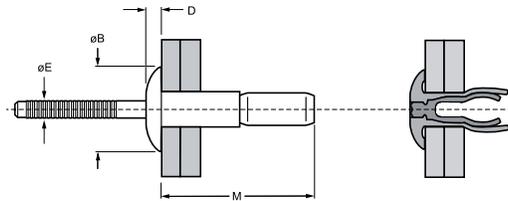


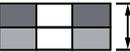


English	Français	Deutsch	Italiano	Español
Protruding head	Tête bombée	Flachrundkopf	Testa tonda	Cabeza alomada
Body: Aluminum alloy* (5 % Mg) Natural	Corps: Alliage d'aluminium* (5% Mg) Brut	Hülse: Aluminium* (5 % Mg) Blank	Corpo: Lega di alluminio* (5% Mg) Nessuna finitura	Cuerpo: Aluminio* (5% Mg) Natural
Stem: Aluminum alloy** Natural	Tige: Alliage d'aluminium** Brut	Dorn: Aluminium** Blank	Gambo: Lega di alluminio** Nessuna finitura	Vástago: Aluminio** Natural

\*: BS 1473 5056 DIN 1725 AlMg5 Werkstoff 3.3555

\*\* : 7178



Ø					M	ØB	D	ØE					Part No.
	nom.	min.	max.	min.					max.	max.	max.	max.	
3/16" (4.8)	.062 (1.57)	.270 (6.86)	.194 (4.93)	.204 (5.18)	.842 (21.39)	.400 (10.16)	.090 (2.29)	.122 (3.10)	600 (2.66)	750 (3.34)	450 (2.00)	500 (2.22)	BAPI-06-04
	.214 (5.44)	.437 (11.10)			.875 (22.23)								BAPI-06-07
	.062 (1.57)	.437 (11.10)			.975 (24.77)								BAPI-E06-07
	.375 (9.53)	.625 (15.88)			1.090 (27.69)								BAPI-06-10
1/4" (6.4)	.080 (2.03)	.375 (9.53)	.261 (6.63)	.276 (7.01)	1.181 (30.00)	.530 (13.46)	.117 (2.97)	.162 (4.11)	1300 (5.78)	1400 (6.23)	830 (3.69)	900 (4.00)	BAPI-08-06
	.350 (8.89)	.625 (15.88)			1.300 (33.02)								BAPI-08-10
	.080 (2.03)	.625 (15.88)			1.400 (35.56)								BAPI-E08-10

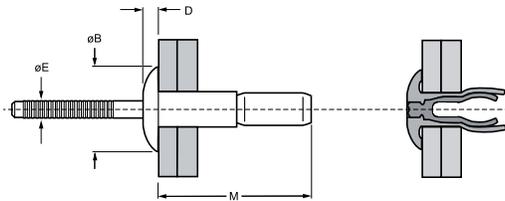
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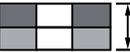
1) typical values / valeurs moyennes / typische Werte / Valori tipici / valores típicos



English	Français	Deutsch	Italiano	Español
Protruding head	Tête bombée	Flachrundkopf	Testa tonda	Cabeza alomada
Body: Steel* Zinc plated	Corps: Acier* Revêtement zingué	Hülse: Stahl* verzinkt	Corpo: Acciaio* Zincati	Cuerpo: Acero* Zincado
Stem: Steel* Zinc plated Clear trivalent chromated	Tige: Acier* Revêtement zingué Passivation claire trivalente	Dorn: Stahl* verzinkt Klar chromatiert, Cr6-frei	Gambo: Acciaio* Zincati Passivazione chiara trivalente	Vástago: Acero* Zincado Passivado claro trivalente

\*: BS 3111 Type 1 SAE 1038



Ø nom.					M	ØB	D	ØE					Part No.
	min.	max.	min.	max.					max.	max.	max.	max.	
3/16" (4.8)	.062 (1.57)	.270 (6.86)	.194 (4.93)	.204 (5.18)	.716 (18.19)	.400 (10.16)	.090 (2.29)	.122 (3.10)	1300 (5.78)	1850 (8.23)	1000 (4.44)	1050 (4.67)	SSPI-06-04
	.214 (5.44)	.437 (11.10)			1.003 (25.48)								SSPI-06-07
	.062 (1.57)	.437 (11.10)			1.003 (25.48)								SSPI-E06-07
	.375 (9.53)	.625 (15.88)			1.090 (27.69)								SSPI-06-10
1/4" (6.4)	.080 (2.03)	.375 (9.53)	.261 (6.63)	.276 (7.01)	1.181 (30.00)	.530 (13.46)	.117 (2.97)	.162 (4.11)	2500 (11.12)	3000 (13.34)	1850 (8.22)	2000 (8.90)	SSPI-08-06 <sup>2)</sup>
	.350 (8.89)	.625 (15.88)			1.325 (33.66)								SSPI-08-10
	.080 (2.03)	.625 (15.88)			1.425 (36.20)								SSPI-E08-10
3/8" (10.0)	.120 (3.05)	.625 (15.88)	.392 (9.96)	.409 (10.39)	1.550 (39.37)	.770 (19.56)	.172 (4.37)	.241 (6.12)	6000 (26.68)	6200 (27.58)	4000 (17.79)	4100 (18.24)	SSPI-12-10

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

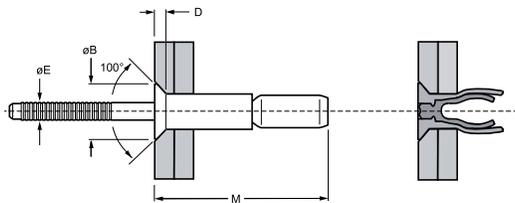
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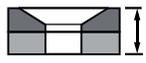
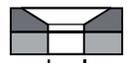
2) Deutsches Institut für Bautechnik (DIBt, German Authority in Civil Engineering) Approval No. Z-14.1-4 Attachment 2-23



English	Français	Deutsch	Italiano	Español
Countersunk head	Tête fraisée	Senkkopf	Testa svasata	Cabeza avellanada
Body: Steel* Zinc plated Clear trivalent chromated	Corps: Acier* Revêtement zingué Passivation claire trivalente	Hülse: Stahl* verzinkt Klar chromatiert, Cr6-frei	Corpo: Acciaio* Zincati Passivazione chiara trivalente	Cuerpo: Acero* Zincado Pasivado claro trivalente
Stem: Steel* Zinc plated Clear trivalent chromated	Tige: Acier* Revêtement zingué Passivation claire trivalente	Dorn: Stahl* verzinkt Klar chromatiert, Cr6-frei	Gambo: Acciaio* Zincati Passivazione chiara trivalente	Vástago: Acero* Zincado Pasivado claro trivalente

\*: BS 3111 Type 1 SAE 1038



Ø					M	ØB	D	ØE					Part No.
	min.	max.	min.	max.					min.	typ. <sup>1)</sup>	min.	typ. <sup>1)</sup>	
3/16" (4.8)	.125 (3.18)	.331 (8.41)	.191 (4.85)	.201 (5.10)	.793 (20.14)	.345 (8.76)	.070 (1.78)	.122 (3.10)	1300 (5.78)	1650 (7.34)	900 (4.00)	1000 (4.45)	SSCI-06-06
1/4" (6.4)	.170 (4.32)	.475 (12.07)	.261 (6.63)	.276 (7.01)	1.115 (28.32)	.415 (10.54)	.079 (2.01)	.162 (4.11)	2400 (10.67)	2800 (12.45)	1850 (8.22)	2150 (9.56)	SSCI-08-08

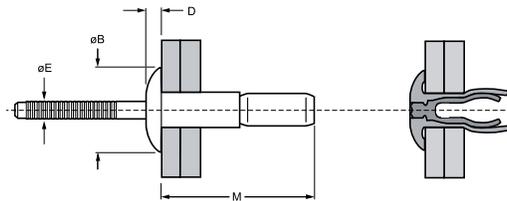
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1) typical values / valeurs moyennes / typische Werte / Valori tipici / valores típicos



English	Français	Deutsch	Italiano	Español
Protruding head	Tête bombée	Flachrundkopf	Testa tonda	Cabeza alomada
Body: Stainless steel*	Corps: Inox*	Hülse: Edelstahl*	Corpo: Acciaio inox*	Cuerpo: Acero inoxidable*
Stem: Stainless steel**	Tige: Inox**	Dorn: Edelstahl**	Gambo: Acciaio inox**	Vástago: Acero inoxidable**

\*: 302 Series  
\*\*: 316 Series



ø nom.					M max.	øB max.	D max.	øE max.					Part No.
	min.	max.	min.	max.					min.	typ. <sup>1)</sup>	min.	typ. <sup>1)</sup>	
3/16" (4.8)	.062 (1.57)	.270 (6.86)	.194 (4.93)	.204 (5.18)	.842 (21.39)	.400 (10.16)	.090 (2.29)	.122 (3.10)	1300 (5.78)	1550 (6.89)	1000 (4.44)	1050 (4.67)	CCPI-06-04
	.214 (5.44)	.437 (11.10)			1.003 (25.48)								CCPI-06-07
	.062 (1.57)	.437 (11.10)			1.003 (25.48)								CCPI-E06-07
1/4" (6.4)	.080 (2.03)	.375 (9.53)	.261 (6.63)	.276 (7.01)	1.119 (28.42)	.530 (13.46)	.117 (2.97)	.162 (4.11)	2400 (10.67)	2650 (11.79)	1850 (8.22)	2050 (9.12)	CCPI-08-06
	.080 (2.03)	.437 (11.10)			1.181 (30.00)								CCPI-08-07
	.350 (8.89)	.625 (15.88)			1.325 (33.66)								CCPI-08-10
	.080 (2.03)	.625 (15.88)			1.431 (36.35)								CCPI-E08-10

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