

Q Rivet

Structural breakstem fasteners with an internal interference lock and a weatherproof feature.



Key features and benefits

- Interference lock formed by a splined stem provides powerful locking strength and hole filling
- Weatherproof fastener because the splined stem plugs the entire length of the shell
- High shear and tensile strength
- All stainless steel option for high corrosion resistance and applications requiring elevated temperatures

Specifications

Sizes:

3.2 mm to 6.4 mm
(1/8" to 1/4")

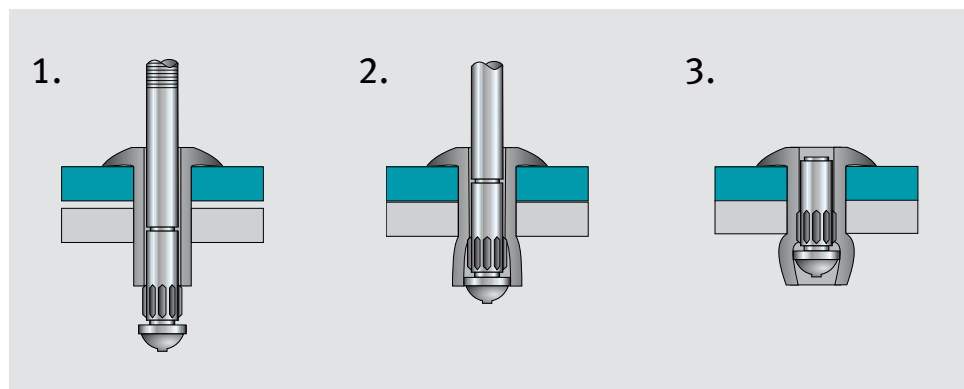
Materials:

Aluminium alloy, steel
and stainless steel

Headforms:

Protruding, large flange and
countersunk

Typical placing sequence



Please visit our website www.avdel-global.com for fastener placing animations and technical data.

Assembly applications

- Automotive
- Building industries
- Commercial vehicles
- Domestic appliances
- Heating and ventilation

Car seat base



Vehicle mud flaps



Step ladder



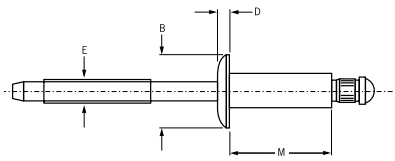
Q Rivet BSPQ / BSLQ / BSCQ



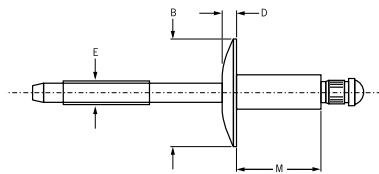
English	Français	Deutsch	Italiano	Español
Body: Aluminium alloy* (5 % Mg) Natural	Corps: Alliage d'aluminium* (5% Mg) Brut	Hülse: Aluminium* (5 % Mg) Blank	Corpo: Lega di alluminio* (5% Mg) Nessuna finitura	Cuerpo: Aluminio* (5% Mg) Natural
Stem: Steel** Zinc plated	Tige: Acier** Revêtement zingué	Dorn: Stahl** verzinkt	Gambo: Acciaio** Zincati	Vástago: Acero** Zincado

*: BS 1473 5056 DIN 1725 AlMg5 Werkstoff 3.3555

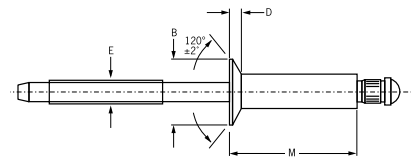
** : BS3111 Type 1 SAE 1038 DIN 1654 Cq35



Q Rivet BSPQ
Protruding head / Tête bombée /
Flachrundkopf / Testa tonda /
Cabeza alomada



Q Rivet BSLQ
Large flange / Tête large /
Flachrundkopf, extragroß /
Testa larga / Cabeza ancha



Q Rivet BSCQ
Countersunk / Tête fraisée
Senkkopf / Testa svasata
Cabeza avellanada

ø nom.						M max.	ø E ref.	BSPQ Protruding head			BSLQ Large flange		BSCQ Countersunk												
	min.	mid. ¹⁾	max.	min.	max.			ø B	D max.	Part No. /ref BSPQ-	ø B	D max.	Part No. /ref BSLQ-	ø B ±.007	D ref.	Part No. /ref BSCQ-									
1/8" (3.2 mm)			.062	.129	.133	.212	.075	.250 ±.012	.042	.375 ±.015	.065	.226	.032												
		.063	.093			.125										.275	-04-01	-04-02	-04-03	-04-04	-04-05	-04-06	-04-07	-04-08	
		.094	.140			.187										.337	-04-04	-04-05	-04-06	-04-07	-04-08				
		.126	.187			.250										.400	-04-05	-04-06	-04-07	-04-08					
		.188	.250			.312										.462	-04-06	-04-07	-04-08						
		.251	.312			.375										.535	-04-07	-04-08							
		.313	.375			.437										.602	-04-08								
		.376	.437			.500										.670									
	5/32" (4.0 mm)		.062			.093										.125	.160	.164	.094	.312 ±.016	.050	.469 ±.020	.075	.281	.040
		.094	.140	.187	.362	-05-02	-05-03	-05-04	-05-06	-05-08															
		.126	.187	.250	.425	-05-03	-05-04	-05-06	-05-08																
		.251	.312	.375	.550	-05-04	-05-06	-05-08																	
		.376	.437	.500	.695	-05-06	-05-08																		
3/16" (4.8 mm)		.062	.093	.125	.192	.196	.114	.375 ±.019	.060	.625 ±.025	.092	.344	.050												
		.094	.140	.187												.387	-06-02	-06-03	-06-04	-06-05	-06-06	-06-08	-06-10	-06-12	-06-14
		.126	.187	.250												.450	-06-03	-06-04	-06-05	-06-06	-06-08	-06-10	-06-12	-06-14	
		.188	.250	.312												.512	-06-04	-06-05	-06-06	-06-08	-06-10	-06-12	-06-14		
		.251	.312	.375												.575	-06-05	-06-06	-06-08	-06-10	-06-12	-06-14			
		.376	.437	.500												.700	-06-06	-06-08	-06-10	-06-12	-06-14				
		.501	.562	.625												.850	-06-08	-06-10	-06-12	-06-14					
		.626	.687	.750												.980	-06-10	-06-12	-06-14						
		.751	.812	.875												1.110	-06-12	-06-14							

all dimensions in inches / en pouces / alle Maße in Zoll / in pollici / en pulgadas

1) Mandrels break flush with rivet head at mid. grip (except -04-01s, which break at .062) / La tige rompt affleurante à la tête du rivet en milieu de plage de serrage (sauf pour -04-01s qui rompt à .062) / Bei mittlerem Klemmbereich (mid.) reißt der Dorn bündig mit dem Nietkopf ab (außer -04-01, der bei .062 abreißt) / Q Rivet rottura del chiodo a livello della testa del rivetto per grip medio (eccetto -04-01s rottura a .062) / El punto de rotura del Q Rivet es a ras con la cabeza del remache en su grip intermedio (excepto el -04-01s. que rompe a .062)



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Q Rivet BSPQ / BSLQ / BSCQ

Ø nom.						M max.	Ø E ref.	BSPQ Protruding head			BSLQ Large flange			BSCQ Countersunk									
	min.	mid. ¹⁾	max.	min.	max.			Ø B	D max.	Part No. /ref BSPQ-	Ø B	D max.	Part No. /ref BSLQ-	Ø B ±.007	D ref.	Part No. /ref BSCQ-							
1/4" (6.4 mm)	.062	.093	.125	.257	.261	.375	.151	.500 ±.025	.078	.750 ±.025	.107	.468	.071	-08-02	-08-04	-08-06	-08-08	-08-10	-08-12	-08-14	-08-16	-08-18	-08-20
	.126	.187	.250			.500								-08-04	-08-06	-08-08	-08-10	-08-12	-08-14	-08-16			
	.251	.312	.375			.625								-08-06	-08-08	-08-10	-08-12	-08-14	-08-16				
	.376	.437	.500			.750								-08-08	-08-10	-08-12	-08-14	-08-16					
	.501	.562	.625			.900								-08-10	-08-12	-08-14	-08-16						
	.626	.687	.750			1.030								-08-12	-08-14	-08-16							
	.751	.812	.875			1.160								-08-14	-08-16								
	.876	.937	1.000			1.290								-08-16									
	1.001	1.062	1.125			1.420																	
	1.126	1.187	1.250			1.550																	

all dimensions in inches / en pouces / alle Maße in Zoll / in pollici / en pulgadas

1) Mandrels break flush with rivet head at mid. grip (except -04-01s, which break at .062) / La tige rompt affleurante à la tête du rivet en milieu de plage de serrage (sauf pour -04-01s qui rompt à .062) / Bei mittlerem Klemmbereich (mid.) reißt der Dorn bündig mit dem Nietkopf ab (außer -04-01, der bei .062 abreißt) / Q Rivet rottura del chiodo a livello della testa del rivetto per grip medio (eccetto -04-01s rottura a .062) / El punto de rotura del Q Rivet es a ras con la cabeza del remache en su grip intermedio (excepto el -04-01s. que rompe a .062)

Ø nom.	 lbf ²⁾	 lbf ²⁾
1/8" (3.2 mm)	350	325
5/32" (4.0 mm)	525	450
3/16" (4.8 mm)	750	650
1/4" (6.4 mm)	1250	1050

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



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