2611 Avdelok (4 Grooves)

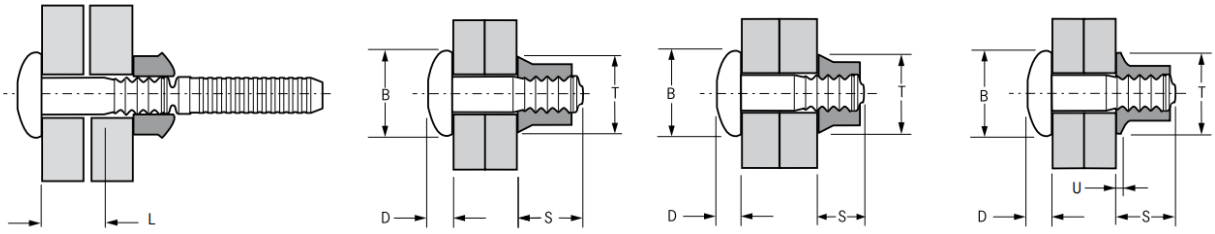
Steel · Brazier head
4.8 mm (3/16″) - 9.6 mm (3/8″)

Features

- High shear strength for high strength assembly
- High controlled clamp provides excellent vibration resistance
- Quick to install across a wide range of applications
- Easy to inspect for tampering
- High security tamper resistance - TIR approved
- Robust and rugged installation tools
- Steel Avdelok pins typically offer comparable values to property class 5.8 threaded products

Material

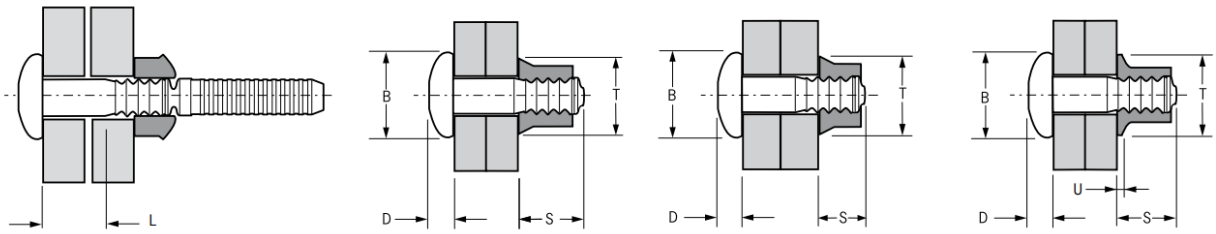
- Pin: Carbon boron steel, zinc plated, clear trivalent passivated
- Collar: Low carbon steel, zinc plated, clear trivalent passivated



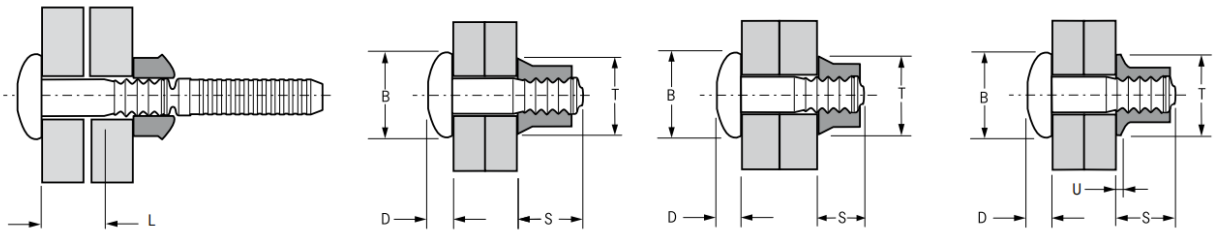
Part No.(1) Pin	Size ø	w. Full Collar		Hole Size	L	øB	D	Part No. Full Collar		Part No. Half Collar(2)		Part No. Flanged Collar(3)		
	nom.	min.	max.	-	nom.	max.	max.	S max.	T max.	S max.	T max.	S max.	T max.	U nom.
02611-70601	4.8 (3/16″)	0.79	2.39	5.0	1.96	10.1	3.4	02662-70600		02682-70600		02615-70600		
02611-70602		2.39	3.96		3.56									
02611-70603		3.96	5.56		5.13									
02611-70604		5.56	7.14		6.73									
02611-70605		7.14	8.74		8.31									
02611-70606		8.74	10.31		9.91									
02611-70607		10.31	11.91		11.48									
02611-70608		11.91	13.49		13.08									
02611-70609		13.49	15.09		14.66									
02611-70610		15.09	16.66		16.26			8.7	8.0	7.2	8.0	9.4	9.9	0.76
02611-70611		16.66	18.24		17.83									
02611-70612		18.24	19.84		19.43									
02611-70613		19.84	21.41		21.01									
02611-70614		21.41	23.01		22.61									
02611-70615		23.01	24.61		24.18									
02611-70616		24.61	26.19		25.78									
02611-70617		26.19	27.79		27.36									
02611-70618		27.79	29.36		28.96									
02611-70619		29.36	30.96		30.53									
02611-70620		30.96	32.54		32.13									

Avdel®

We are proud to be Avdel's authorized distributor of over 30 years



Part No.(1) Pin	Size ø	w. Full Collar		Hole Size	L	øB	D	Part No. Full Collar		Part No. Half Collar(2)		Part No. Flanged Collar(3)		
	nom.	min.	max.	-	nom.	max.	max.	S max.	T max.	S max.	T max.	S max.	T max.	U nom.
02611-70802	6.4 (1/4″)	2.39	3.96	6.6	3.66	13.4	4.1	02662-70800 10.7	10.6	02682-70800 9.2	10.6	02615-70800 11.7	13.1	0.94
02611-70803		3.96	5.56		5.23									
02611-70804		5.56	7.14		6.83									
02611-70805		7.14	8.74		8.41									
02611-70806		8.74	10.31		10.01									
02611-70807		10.31	11.91		11.58									
02611-70808		11.91	13.49		13.18									
02611-70809		13.49	15.09		14.76									
02611-70810		15.09	16.66		16.36									
02611-70811		16.66	18.24		17.93									
02611-70812		18.24	19.84		19.53									
02611-70813		19.84	21.41		21.11									
02611-70814		21.41	23.01		22.71									
02611-70815		23.01	24.61		24.28									
02611-70816		24.61	26.19		25.88									
02611-70817		26.19	27.79		27.46									
02611-70818		27.79	29.36		29.06									
02611-70819		29.36	30.96		30.63									
02611-70820		30.96	32.54		32.23									
02611-70821		32.54	34.14		33.81									
02611-70822		34.14	35.71		35.41									
02611-70823		35.71	37.31		36.98									
02611-70824		37.31	38.89		38.58									
02611-70825		38.89	40.49		40.16									
02611-70826		40.49	42.06		41.76									
02611-70827		42.06	43.66		43.33									
02611-70828		43.66	45.24		44.93									
02611-70839		45.24	46.84		46.51									
02611-70830		46.84	48.41		48.11									
02611-71003	8.0 (5/16″)	3.58	5.94	8.2	5.23	16.7	5.5	02662-71000 12.2	13.3	02682-71000 10.0	13.3	02615-71000 13.5	16.3	1.22
02611-71004		5.94	8.33		7.62									
02611-71006		8.33	10.72		10.01									
02611-71007		10.72	13.11		12.37									
02611-71009		13.11	15.47		14.76									
02611-71010		15.47	17.85		17.14									



Part No.(1) Pin	Size ø	w. Full Collar		Hole Size	L	øB	D	Part No. Full Collar		Part No. Half Collar(2)		Part No. Flanged Collar(3)		
	nom.	min.	max.	-	nom.	max.	max.	S max.	T max.	S max.	T max.	S max.	T max.	U nom.
02611-71012	8.0 (5/16″)	17.85	20.22	8.2	19.53	16.7	5.5	**02662-71000** 12.2	13.3	**02682-71000** 10.0	13.3	**02615-71000** 13.5	16.3	1.22
02611-71013		20.22	22.61		21.89									
02611-71015		22.61	24.99		24.28									
02611-71016		24.99	27.38		26.67									
02611-71018		27.38	29.77		29.06									
02611-71019		29.77	32.13		31.42									
02611-71021		32.13	34.52		33.81									
02611-71022		34.52	36.91		36.19									
02611-71024		36.91	39.29		38.58									
02611-71202	9.6 (3/8″)	1.57	4.75	9.8	3.63	20.1	6.7	**02662-71200** 14.8	15.5	**02682-71200** 11.5	15.5	**02615-71200** 16.3	20.0	1.42
02611-71204		4.75	7.92		6.81									
02611-71206		7.92	11.10		9.98									
02611-71208		11.10	14.27		13.16									
02611-71210		14.27	17.45		16.33									
02611-71212		17.45	20.62		19.51									
02611-71214		20.62	23.80		22.68									
02611-71216		23.80	26.97		25.86									
02611-71218		26.97	30.15		29.03									
02611-71220		30.15	33.32		32.21									
02611-71222		33.32	36.50		35.38									
02611-71224		36.50	39.67		38.56									
02611-71226		39.67	42.85		41.73									
02611-71228		42.85	46.02		44.91									
02611-71230		46.02	49.20		48.59									
02611-71232		49.20	52.37		51.76									

Size ø	Shear(4)	Tension(4)
nom.	kN	kN
4.8	8.63	7.34
6.4	14.73	13.35
8.0	22.38	21.81
9.6	32.08	28.93

1) Different grip range pins with different numbers of grooves available

2) Half collars increase the grip range to that of the next longest pin. Maximum grip increases by 1.57 mm for 4.8 mm and 6.4 mm fasteners and 3.18 mm for 8.0 mm and 9.6 mm fasteners.

3) Flanged collars are used in applications where the hole on the collar side of the application is oversize or is slotted for alignment purposes. To determine what length of pin is required, add dimension U to the thickness of material being fastened.

4) These figures represent minimum fastener shear and tensile strength values with the use of a full or flanged collar. When using half collars tension is reduced to approximately 45%.

Avdel®

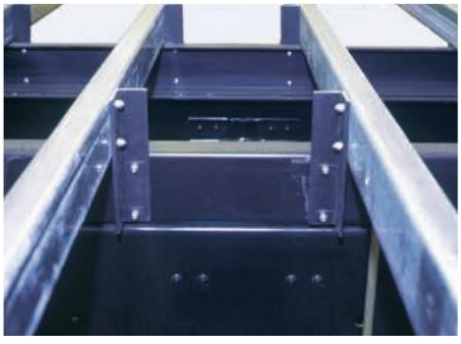
We are proud to be Avdel's authorized distributor of over 30 years

Assembly Applications

- Commercial vehicles
- Truck & trailer
- Heating systems
- Steel construction
- Solar panels
- Railway
- Mining

Heating systems

Commercial vehicles



Ventilator frame

Car seat