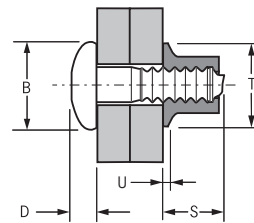
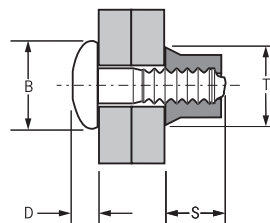
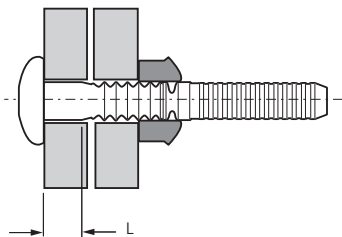


English	Français	Deutsch	Italiano	Español
Brazier head	Tête plate	Flachrundkopf	Testa tonda	Cabeza alomada
Pin: Stainless steel* natural	Tige: Inox* Brut	Bolzen: Edelstahl* Blank	Bullone: Acciaio inox * Nessuna finitura	Vástago: Acero inoxidable* Natural
Collar: Stainless steel** Zinc plated, thickness 8 µm Clear trivalent passivated	Bague: Inox** Revêtement zingué, épaisseur 8 µm Passivation claire trivalente	Schließring: Edelstahl** Verzinkt, 8 µm Klar chromatiert, Cr6-frei	Collare: Acciaio inox** Zincatura spessore 8 µm Passivazione chiara trivalente	Collar: Acero inoxidable** Zincado, 8 micras Pasivado claro trivalente

*: AISI 304Cu, EN 10263-5, X3CrNiCu18-9-4 **: AISI 430, EN 10263-5 X6Cr17



Full Collar
Schließring Standard
Bague Standard
Collare Standard
Collar Estándar



Flanged Collar
Schließring mit Bund
Bague à embase
Collare flangiato
Collar con Ala

ø	w. Full Collar		L	B	D	Part No/ref	Part No/ref		Part No/ref			
	min.	max.					Full Collar		Flanged Collar ²⁾			
nom.			nom.	max.	max.	Pin ¹⁾	S max.	T max.	S max.	T max.	U ²⁾ nom.	
4.8 (3/16")	1.57	4.75	1.57	10.0	3.4	02691-00602	02605-70600	9.4	8.0	10.2	9.9	0.76
	3.18	6.35	3.18			02691-00603						
	4.75	7.92	4.75			02691-00604						
	6.35	9.53	6.35			02691-00605						
	7.92	11.10	7.92			02691-00606						
	9.53	12.70	9.53			02691-00607						
	11.10	14.27	11.10			02691-00608						
	12.70	15.88	12.70			02691-00609						
	14.27	17.45	14.27			02691-00610						
	15.88	19.05	15.88			02691-00611						
	17.45	20.62	17.45			02691-00612						
	19.05	22.23	19.05			02691-00613						
	20.62	23.80	20.62			02691-00614						
22.23	25.40	22.23	02691-00615									

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

1) & 2) see last page / voir page 3 / siehe letzte Seite / vedi pagina 3 / ver Pág. 3

Avdelok® 2691

∅				L	B	D	Part No/ref	Part No/ref		Part No/ref		
	w. Full Collar							Full Collar		Flanged Collar ²⁾		
nom.	min.	max.		nom.	max.	max.	Pin ¹⁾	S max.	T max.	S max.	T max.	U ²⁾ nom.
4.8 (3/16")	23.80	26.97	5.0	23.80	10.0	3.4	02691-00616	02605-70600	9.4	8.0	02648-70600 10.2 9.9 0.76	
	25.40	28.58		25.40			02691-00617					
	26.97	30.15		26.97			02691-00618					
	28.58	31.75		28.58			02691-00619					
	30.15	33.32		30.15			02691-00620					
6.4 (1/4")	1.57	4.75	6.6	1.57	13.4	4.1	02691-00802	02605-70800	12.2	10.6	02648-70800 13.2 13.1 0.94	
	3.18	6.35		3.18			02691-00803					
	4.75	7.92		4.75			02691-00804					
	6.35	9.53		6.35			02691-00805					
	7.92	11.10		7.92			02691-00806					
	9.53	12.70		9.53			02691-00807					
	11.10	14.27		11.10			02691-00808					
	12.70	15.88		12.70			02691-00809					
	14.27	17.45		14.27			02691-00810					
	15.88	19.05		15.88			02691-00811					
	17.45	20.62		17.45			02691-00812					
	19.05	22.23		19.05			02691-00813					
	20.62	23.80		20.62			02691-00814					
	22.23	25.40		22.23			02691-00815					
	23.80	26.97		23.80			02691-00816					
26.97	30.15	26.97	02691-00818									
30.15	33.32	30.15	02691-00820									
8.0 (5/16")	3.18	9.53	8.2	3.18	16.7	5.5	02691-01004	02605-71000	15.5	13.3	N/A	
	6.35	12.70		6.35			02691-01006					
	9.53	15.88		9.53			02691-01008					
	12.70	19.05		12.70			02691-01010					
	15.88	22.23		15.88			02691-01012					
	19.05	25.40		19.05			02691-01014					
	22.23	28.58		22.23			02691-01016					
	25.40	31.75		25.40			02691-01018					
	28.58	34.93		28.58			02691-01020					
	31.75	38.10		31.75			02691-01022					
	34.93	41.28		34.93			02691-01024					
	38.10	44.45		38.10			02691-01026					
	41.28	47.63		41.28			02691-01028					
	44.45	50.80		44.45			02691-01030					
	47.63	53.98		47.63			02691-01032					

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

1) & 2) see last page / voir page 3 / siehe letzte Seite / vedi pagina 3 / ver Pág. 3



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Avdelok® 2691

ø				L	B	D	Part No/ref	Part No/ref		Part No/ref		
	w. Full Collar							Full Collar		Flanged Collar ²⁾		
nom.	min.	max.		nom.	max.	max.	Pin ¹⁾	S max.	T max.	S max.	T max.	U ²⁾ nom.
9.6 (3/8")	3.18	9.53	9.8	3.18	20.0	6.7	02691-01204	02605-71200	18.6	15.5	N/A	
	6.35	12.70		6.35			02691-01206					
	9.53	15.88		9.53			02691-01208					
	12.70	19.05		12.70			02691-01210					
	15.88	22.23		15.88			02691-01212					
	19.05	25.40		19.05			02691-01214					
	22.23	28.58		22.23			02691-01216					
	25.40	31.75		25.40			02691-01218					
	28.58	34.93		28.58			02691-01220					
	31.75	38.10		31.75			02691-01222					
	34.93	41.28		34.93			02691-01224					
	38.10	44.45		38.10			02691-01226					
	41.28	47.63		41.28			02691-01228					
	44.45	50.80		44.45			02691-01230					
47.63	53.98	47.63	02691-01232									

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

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

Tiges avec autres plages de serrage et différent nombre de cannelures sont disponible

Bolzen mit anderem Klemmbereich und anderer Anzahl von Rillen sind verfügbar

Sono disponibili bulloni con spessori serrabili differenti con diverso numero di scanalature

Disponibles pernos con diferente número de anillos según el espesor a remachar

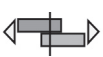

2) Flanged collars are used in applications where the hole on the collar side of the application is oversize or is slotted for alignment purposes. To determine what length of pin is required, add dimension U to the thickness of material being fastened.

Avec une bague à embase, la plage de serrage est diminuée de la valeur de la cote U.

Schließringe mit Bund werden in Anwendungen benötigt, wo das Bohrloch auf der Schließringseite übergroß oder länglich ist. Um den richtigen Bolzen zu bestimmen, addieren Sie das Maß U zu der zu verbindenden Materialstärke hinzu.

Utilizzando i collari flangiati la dimensione „U“ deve essere aggiunta allo spessore da serrare per determinare il tipo di bullone adatto.

Utilizar collar con ala cuando en la aplicación el taladro está sobredimensionado o es ranurado. Para calcular la referencia de perno necesaria añadir la cota U al espesor de la aplicación.

ø		
nom.	kN ³⁾	kN ³⁾
4.8 (3/16")	7.79	9.26
6.4 (1/4")	14.55	17.71
8.0 (5/16")	22.24	29.80
9.6 (3/8")	31.58	37.81

3) These figures represent minimum fastener shear and tensile strength values with the use of a full collar.

Cette valeurs représentent minimum résistances au cisaillement et à la traction avec l'usage d'une bague standard.

Diese Werte repräsentieren Minimum Scher- und Zugfestigkeiten der Verbindung unter Verwendung von Standard-Schließringen.

I dati indicati in tabella sono minimi e si riferiscono a bulloni installati con collari Standard.

La figura representa los valores mínimos de resistencia a la cortadura y tracción cuando se utiliza collar estándar.



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