

Avdelok® 2621 series

Brazier Head, Zinc Plated Steel

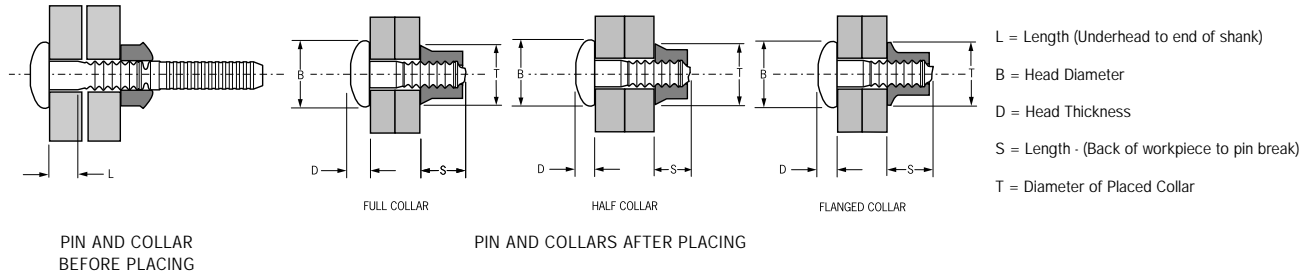
Material

Pin: Carbon boron steel to BS 3111 Type 9 SAE 10B20 DIN 1654 22B2

Collar: Low carbon steel BS 970 040A04 SAE 1008 DIN 1654 Qst 34-3

Finish

Pin and Collar: Zinc plated to BS 1706



DIMENSIONS

in millimetres

Clearance Fit Drill	Grip Range* (with full collar)		L nom.	B max.	D max.	Full Collar		Half Collar		Flanged Collar		Fastener Size nom.	Part Numbers			
	min.	max.				S max.	T max.	S max.	T max.	S max.	T max.		Pin*	Full Collar	Half Collar	Flanged Collar
	1.57	4.75	1.57										02621-00602			
	3.18	6.35	3.18										02621-00603			
	4.75	7.92	4.75										02621-00604			
	6.35	9.53	6.35										02621-00605			
	7.92	11.10	7.92										02621-00606			
	9.53	12.70	9.53										02621-00607			
	11.10	14.27	11.10										02621-00608			
	12.70	15.88	12.70										02621-00609			
	14.27	17.45	14.27										02621-00610			
5.0	15.88	19.05	15.88	10.0	3.4	9.4	7.9	7.9	8.2	9.4	9.7	4.8 (3/16")	02621-00611	02662-00600	02682-00600	02615-00600
	17.45	20.62	17.45										02621-00612			
	19.05	22.23	19.05										02621-00613			
	20.62	23.80	20.62										02621-00614			
	22.23	25.40	22.23										02621-00615			
	23.80	26.97	23.80										02621-00616			
	25.40	28.58	25.40										02621-00617			
	26.97	30.15	26.97										02621-00618			
	28.58	31.75	28.58										02621-00619			
	30.15	33.32	30.15										02621-00620			
	1.57	4.75	1.57										02621-00802			
	3.18	6.35	3.18										02621-00803			
	4.75	7.92	4.75										02621-00804			
	6.35	9.53	6.35										02621-00805			
	7.92	11.10	7.92										02621-00806			
6.6	9.53	12.70	9.53	13.3	4.1	12.2	10.7	10.7	10.7	12.2	12.9	6.4 (1/4")	02621-00807	02662-00800	02682-00800	02615-00800
	11.10	14.27	11.10										02621-00808			
	12.70	15.88	12.70										02621-00809			
	14.27	17.45	14.27										02621-00810			
	15.88	19.05	15.88										02621-00811			
	17.45	20.62	17.45										02621-00812			

* Four groove pin option 02611 also available. Please contact us for further details.

Avdelok® 2621 series

Brazier Head, Zinc Plated Steel

DIMENSIONS

in millimetres

Clearance Fit Drill	Grip Range* (with full collar)		L nom.	B max.	D max.	Full Collar		Half Collar		Flanged Collar		Fastener Size nom.	Pin*	Part Numbers		
	min.	max.				S max.	T max.	S max.	T max.	S max.	T max.			Full Collar	Half Collar	Flanged Collar
6.6	19.05	22.23	19.05										02621-00813			
	20.62	23.80	20.62										02621-00814			
	22.23	25.40	22.23	13.3	4.1	12.2	10.7	10.7	10.7	12.2	12.9	6.4 (1/4")	02621-00815	02662-00800	02682-00800	02615-00800
	23.80	26.97	23.80										02621-00816			
	26.97	30.15	26.97										02621-00818			
	30.15	33.32	30.15										02621-00820			
8.2	3.18	9.53	3.18										02621-01004			
	6.35	12.70	6.35										02621-01006			
	9.53	15.88	9.53										02621-01008			
	12.70	19.05	12.70										02621-01010			
	15.88	22.23	15.88										02621-01012			
	19.05	25.40	19.05										02621-01014			
	22.23	28.58	22.23										02621-01016			
	25.40	31.75	25.40	16.7	5.4	15.5	13.0	12.4	13.0	15.5	16.1	8.0 (5/16")	02621-01018	02662-01000	02682-01000	02615-01000
	28.58	34.93	28.58										02621-01020			
	31.75	38.10	31.75										02621-01022			
	34.93	41.28	34.93										02621-01024			
	38.10	44.45	38.10										02621-01026			
	41.28	47.63	41.28										02621-01028			
44.45	50.80	44.45										02621-01030				
47.63	53.98	47.63										02621-01032				
9.8	3.18	9.53	3.18										02621-01204			
	6.35	12.70	6.35										02621-01206			
	9.53	15.88	9.53										02621-01208			
	12.70	19.05	12.70										02621-01210			
	15.88	22.23	15.88										02621-01212			
	19.05	25.40	19.05										02621-01214			
	22.23	28.58	22.23										02621-01216			
	25.40	31.75	25.40	20.0	6.6	18.5	15.5	15.5	15.5	18.5	19.8	9.6 (3/8")	02621-01218	02662-01200	02682-01200	02615-01200
	28.58	34.93	28.58										02621-01220			
	31.75	38.10	31.75										02621-01222			
	34.93	41.28	34.93										02621-01224			
	38.10	44.45	38.10										02621-01226			
	41.28	47.63	41.28										02621-01228			
44.45	50.80	44.45										02621-01230				
47.63	53.98	47.63										02621-01232				

* Four groove pin option **02611** also available. Please contact us for further details.

* Use of a half collar increases the grip range to that of the next longest pin. Protrusion above collar and maximum grip increase by 1.57mm (0.62") for 4.8mm and 6.4mm fasteners and 3.18mm (0.125") for 8.0mm and 9.6mm fasteners.

PERFORMANCE DATA

please refer to page 57 for details of test methods

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

Fastener Size	Shear	Tension*
nom.	KN	(with full collar) KN

* When using half collars tension is reduced to approximately 45%.

4.8 (3/16")	8.6	7.3
6.4 (1/4")	14.7	13.4
8.0 (5/16")	22.4	21.8
9.6 (3/8")	32.0	28.9

Avdelok® 2622 series

90° Countersunk, Zinc Plated Steel

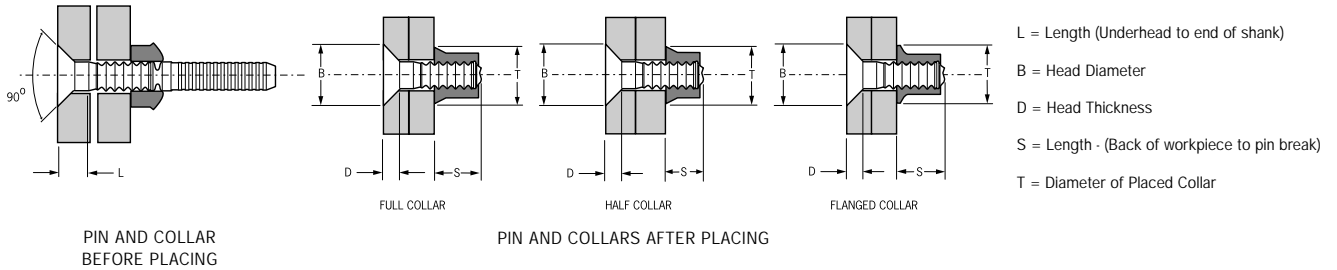
Material

Pin: Carbon boron steel to BS 3111 Type 9 SAE 10B20 DIN 1654 22B2

Collar: Low carbon steel BS 970 040A04 SAE 1008 DIN 1654 Qst 34-3

Finish

Pin and Collar: Zinc plated to BS 1706



DIMENSIONS

in millimetres

Clearance Fit Drill	Grip Range* (with full collar)		L nom.	B max.	D max.	Full Collar		Half Collar		Flanged Collar		Fastener Size nom.	Part Numbers			
	min.	max.				S max.	T max.	S max.	T max.	S max.	T max.		Pin*	Full Collar	Half Collar	Flanged Collar
5.0	3.18	6.35	3.18										02622-00603			
	4.75	7.92	4.75										02622-00604			
	6.35	9.53	6.35										02622-00605			
	7.92	11.10	7.92										02622-00606			
	9.53	12.70	9.53										02622-00607			
	11.10	14.27	11.10										02622-00608			
	12.70	15.88	12.70										02622-00609			
	14.27	17.45	14.27										02622-00610			
	15.88	19.05	15.88	8.8	2.2	9.4	7.9	7.9	8.2	9.4	9.7	4.8 (3/16")	02622-00611	02662-00600	02682-00600	02615-00600
	17.45	20.62	17.45										02622-00612			
	19.05	22.23	19.05										02622-00613			
	20.62	23.80	20.62										02622-00614			
	22.23	25.40	22.23										02622-00615			
23.80	26.97	23.80										02622-00616				
25.40	28.58	25.40										02622-00617				
26.97	30.15	26.97										02622-00618				
28.58	31.75	28.58										02622-00619				
30.15	33.32	30.15										02622-00620				
6.6	3.18	6.35	3.18										02622-00803			
	4.75	7.92	4.75										02622-00804			
	6.35	9.53	6.35										02622-00805			
	7.92	11.10	7.92										02622-00806			
	9.53	12.70	9.53										02622-00807			
	11.10	14.27	11.10	11.78	2.9	12.2	10.7	10.7	10.7	12.2	12.9	6.4 (1/4")	02622-00808	02662-00800	02682-00800	02615-00800
	12.70	15.88	12.70										02622-00809			
	14.27	17.45	14.27										02622-00810			
	15.88	19.05	15.88										02622-00811			
	17.45	20.62	17.45										02622-00812			
	19.05	22.23	19.05										02622-00813			

* Four groove pin option 02612 also available. Please contact us for further details.

Avdelok® 2691 series

Brazier Head, Stainless Steel

Material

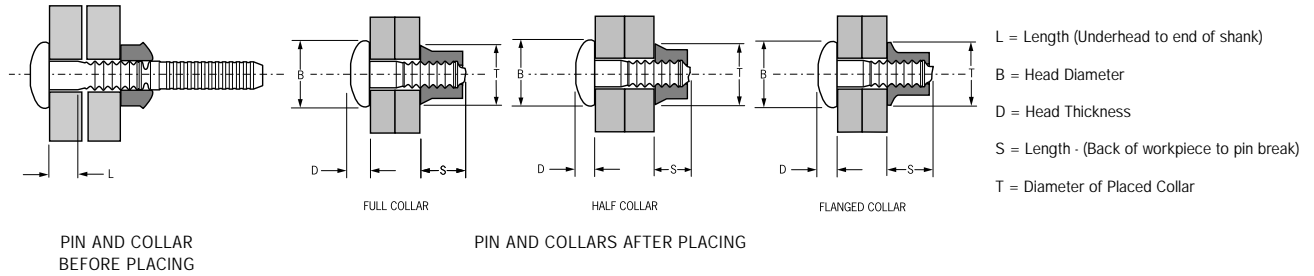
Pin: Austenitic stainless steel to BS 3111 394S17 Werkstoff 1.4567

Collar: Steel to BS 3111 430S15 AISI 430

Finish

Pin: Natural

Collar: Zinc plated to BS 1706



DIMENSIONS

in millimetres

Clearance Fit Drill	Grip Range		L nom.	B max.	D max.	Full Collar		Fastener Size nom.	Part Numbers	
	min.	max.				S max.	T max.		Pin*	Full Collar
5.0	1.57	4.75	1.57					4.8 (3/16")	02691-00602	02605-00600
	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	10.0	3.3	9.4	8.2		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	
23.80	26.97	23.80					02691-00616			
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			
6.6	1.57	4.75	1.57					6.4 (1/4")	02691-00802	02605-00800
	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	13.3	4.1	12.2	10.7		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	

* Four groove pin option 02631 also available. Please contact us for further details.

Avdelok® 2691 series

Brazier Head, Stainless Steel

DIMENSIONS

in millimetres

Clearance Fit Drill	Grip Range		L nom.	B max.	D max.	Full Collar		Fastener Size nom.	Part Numbers	
	min.	max.				S max.	T max.		Pin*	Full Collar
6.6	19.05	22.23	19.05					6.4 (1/4")	02691-00813	02605-00800
	20.62	23.80	20.62						02691-00814	
	22.23	25.40	22.23	13.33	4.1	12.2	10.7		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		
8.2	3.18	9.53	3.18					8.0 (5/16")	02691-01004	02605-01000
	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	16.7	5.4	15.5	13.0		02691-01018	
	28.58	34.43	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			
9.8	3.18	9.53	3.18					9.6 (3/8")	02691-01204	02605-01200
	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	20.0	6.6	18.5	15.5		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			

* Four groove pin option 02631 also available. Please contact us for further details.

PERFORMANCE DATA

please refer to page 57 for details of test methods

These figures represent typical fastener shear and tensile strength values.

Fastener Size nom.	Shear KN	Tension KN
4.8 (3/16")	7.8	9.3
6.4 (1/4")	14.6	17.7
8.0 (5/16")	22.2	29.8
9.6 (3/8")	31.6	37.8

Avdelok® 2801 series

Brazier Head, Aluminium Alloy

DIMENSIONS

in millimetres

Clearance Fit Drill	Grip Range* (with full collar)		L nom.	B max.	D max.	Full Collar		Half Collar		Flanged Collar		Fastener Size nom.	Pin	Part Numbers		
	min.	max.				S max.	T max.	S max.	T max.	S max.	T max.			Full Collar	Half Collar	Flanged Collar
6.6	19.05	22.23	19.05										02801-00813			
	20.62	23.80	20.62										02801-00814			
	22.23	25.40	22.23										02801-00815			
	23.80	26.97	23.80										02801-00816			
	25.40	28.58	25.40	13.3	4.1	12.2	10.8	10.7	10.8	12.2	12.9	6.4 (1/4")	02801-00817	02837-00800	08238-00800	02839-00800
	26.97	30.15	26.97										02801-00818			
	28.58	31.75	28.58										02801-00819			
	30.15	33.32	30.15										02801-00820			
	31.75	34.93	31.75										02801-00821			
8.2	3.18	9.53	3.18										02801-01004			
	6.35	12.70	6.35										02801-01006			
	9.53	15.88	9.53										02801-01008			
	12.70	19.05	12.70										02801-01010			
	15.88	22.23	15.88										02801-01012			
	19.05	25.40	19.05										02801-01014			
	22.23	28.58	22.23										02801-01016			
	25.40	31.75	25.40	16.7	5.4	15.5	13.4	12.5	13.0	15.5	16.1	8.0 (5/16")	02801-01018	02837-01000	02838-01000	02839-01000
	28.58	34.93	28.58										02801-01020			
	31.75	38.10	31.75										02801-01022			
	34.93	41.28	34.93										02801-01024			
	38.10	44.45	38.10										02801-01026			
	41.28	47.63	41.28										02801-01028			
44.45	50.80	44.45										02801-01030				
47.63	53.98	47.63										02801-01032				
9.8	3.18	9.53	3.18										02801-01204			
	6.35	12.70	6.35										02801-01206			
	9.53	15.88	9.53										02801-01208			
	12.70	19.05	12.70										02801-01210			
	15.88	22.23	15.88										02801-01212			
	19.05	25.40	19.05										02801-01214			
	22.23	28.58	22.23										02801-01216			
	25.40	31.75	25.40	20.0	6.5	18.5	15.8	15.5	16.0	18.5	19.8	9.6 (3/8")	02801-01218	02837-01200	02838-01200	02839-01200
	28.58	34.93	28.58										02801-01220			
	31.75	38.10	31.75										02801-01222			
	34.93	41.28	34.93										02801-01224			
	38.10	44.45	38.10										02801-01226			
	41.28	47.63	41.28										02801-01228			
44.45	50.80	44.45										02801-01230				
47.63	53.98	47.63										02801-01232				

* Use of a half collar increases the grip range to that of the next longest pin. Protrusion above collar and maximum grip increase by 1.57mm (0.62") for 4.8mm and 6.4mm fasteners and 3.18mm (0.125") for 8.0mm and 9.6mm fasteners.

PERFORMANCE DATA

please refer to page 57 for details of test methods

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

Fastener Size	Shear	Tension*
nom.	KN	(with full collar) KN

* When using half collars tension is reduced to approximately 45%.

4.8 (3/16")	4.7	4.7
6.4 (1/4")	8.3	7.9
8.0 (5/16")	13.0	12.7
9.6 (3/8")	18.7	18.7

Avdelok® 2802 series

90° Countersunk, Aluminium Alloy

DIMENSIONS

in millimetres

Clearance Fit Drill	Grip Range* (with full collar)		L nom.	B max.	D max.	Full Collar		Half Collar		Flanged Collar		Fastener Size nom.	Pin	Part Numbers		
	min.	max.				S max.	T max.	S max.	T max.	S max.	T max.			Full Collar	Half Collar	Flanged Collar
6.6	22.23	25.40	22.23									6.4 (1/4")	02802-00815			
	23.80	26.97	23.80	11.8	2.9	12.2	10.8	10.7	10.8	12.2	12.9		02802-00816	02837-00800	08238-00800	02839-00800
	26.97	30.15	26.97										02802-00818			
	30.15	33.32	30.15										02802-00820			
8.2	3.18	9.53	3.18									8.0 (5/16")	02802-01004			
	6.35	12.70	6.35										02802-01006			
	9.53	15.88	9.53										02802-01008			
	12.70	19.05	12.70										02802-01010			
	15.88	22.23	15.88										02802-01012			
	19.05	25.40	19.05										02802-01014			
	22.23	28.58	22.23										02802-01016			
	25.40	31.75	25.40	14.7	3.6	15.5	13.4	12.5	13.0	15.5	16.1		02802-01018	02837-01000	02838-01000	02839-01000
	28.58	34.93	28.58										02802-01020			
	31.75	38.10	31.75										02802-01022			
	34.93	41.28	34.93										02802-01024			
	38.10	44.45	38.10										02802-01026			
	41.28	47.63	41.28										02802-01028			
	44.45	50.80	44.45										02802-01030			
47.63	53.98	47.63									02802-01032					
9.8	6.35	12.70	6.35									9.6 (3/8")	02802-01206			
	9.53	15.88	9.53										02802-01208			
	12.70	19.05	12.70										02802-01210			
	15.88	22.23	15.88										02802-01212			
	19.05	25.40	19.05										02802-01214			
	22.23	28.58	22.23										02802-01216			
	25.40	31.75	25.40	17.7	4.4	18.5	15.8	15.5	16.0	18.5	19.8		02802-01218	02837-01200	02838-01200	02839-01200
	28.58	34.93	28.58										02802-01220			
	31.75	38.10	31.75										02802-01222			
	34.93	41.28	34.93										02802-01224			
	38.10	44.45	38.10										02802-01226			
	41.28	47.63	41.28										02802-01228			
	44.45	50.80	44.45										02802-01230			
	47.63	53.98	47.63										02801-01232			

* Use of a half collar increases the grip range to that of the next longest pin. Protrusion above collar and maximum grip increase by 1.57mm (0.62") for 4.8mm and 6.4mm fasteners and 3.18mm (0.125") for 8.0mm and 9.6mm fasteners.

PERFORMANCE DATA

please refer to page 57 for details of test methods

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

Fastener Size nom.	Shear KN	Tension* (with full collar) KN
4.8 (3/16")	4.7	4.7
6.4 (1/4")	8.3	7.9
8.0 (5/16")	13.0	12.7
9.6 (3/8")	18.7	18.7

* When using half collars tension is reduced to approximately 45%.

Avdelok® 2804 series

Large Head, Aluminium Alloy

Material

Pin: Aluminium alloy to AA 2024 DIN 1725 AlCuMg2 Werkstoff 3.1355

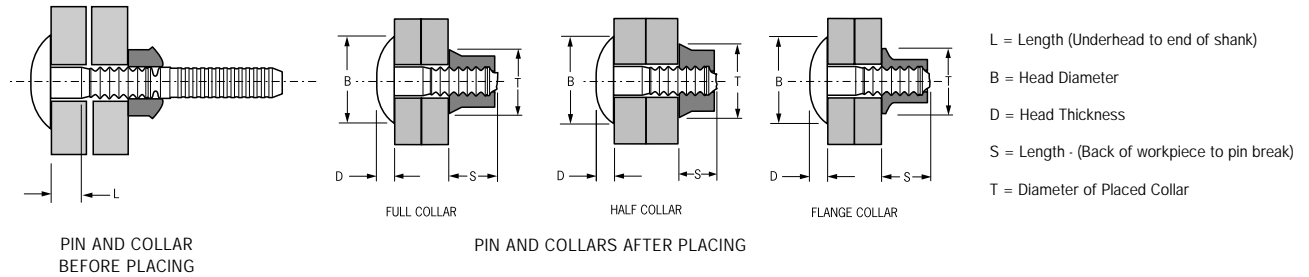
Collar: Aluminium alloy to BS 1473 6061 AA 6061 DIN 1725 AlMg1 SiCu

Werkstoff 3.3211

Finish

Pin: Polished

Collar: Natural



DIMENSIONS

in millimetres

Clearance Fit Drill	Grip Range* (with full collar)		L nom.	B max.	D max.	Full Collar		Half Collar		Flanged Collar		Fastener Size nom.	Part Numbers				
	min.	max.				S max.	T max.	S max.	T max.	S max.	T max.		Pin	Full Collar	Half Collar	Flanged Collar	
	9.53	15.88	9.53														
	12.70	19.05	12.70														
	15.88	22.23	15.88														
	19.05	25.44	19.05														
	22.23	28.58	22.23														
	25.40	31.75	25.40														
9.8	28.58	34.93	28.58	32.1	5.0	18.5	15.8	15.5	16.0	18.5	19.8	9.6 (3/8")	02804-01220	02837-01200	02838-01200	02839-01200	
	31.75	38.10	31.75										02804-01222				
	34.93	41.28	34.93										02804-01224				
	38.10	44.45	38.10										02804-01226				
	41.28	47.63	41.28										02804-01228				
	44.45	50.80	44.45										02804-01230				
	47.63	53.98	47.63										02804-01232				

* Use of a half collar increases the grip range to that of the next longest pin. Protrusion above collar and maximum grip increase by 1.57mm (0.62") for 4.8mm and 6.4mm fasteners and 3.18mm (0.125") for 8.0mm and 9.6mm fasteners.

PERFORMANCE DATA

please refer to page 57 for details of test methods

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

Fastener Size	Shear	Tension*
nom.	KN	(with full collar) KN
9.6 (3/8")	18.7	18.7

* When using half collars tension is reduced to approximately 45%.