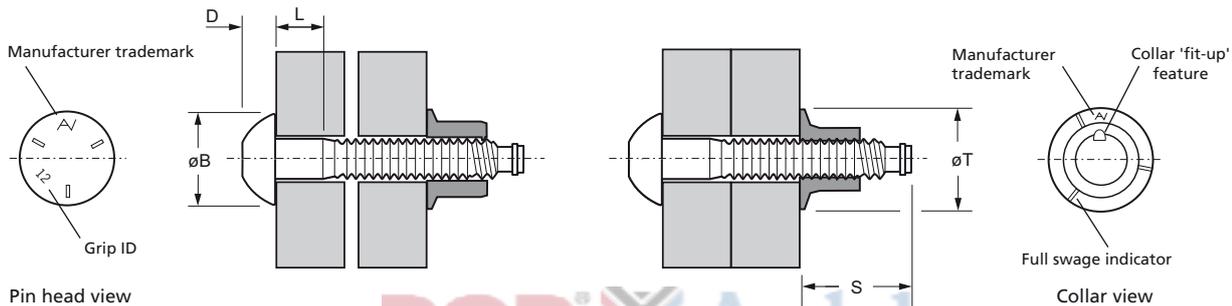




English	Français	Deutsch	Italiano	Español
Round head	Tête ronde	Rundkopf	Testa tonda	Cabeza alomada
Pin: Medium carbon steel ≤ ø9,6 = Silver Magni 565 ¹⁾ ≥ ø12,7 = Black oxide (oiled) ¹⁾	Tige: Acier ≤ ø9,6 = Silver Magni 565 ¹⁾ ≥ ø12,7 = Oxyde noire (huilé) ¹⁾	Bolzen: Stahl ≤ ø9,6 = Silver Magni 565 ¹⁾ ≥ ø12,7 = Schwarz/brüniert (geölt) ¹⁾	Bullone: Acciaio ≤ ø9,6 = Silver Magni 565 ¹⁾ ≥ ø12,7 = Anodizzato nero (lubrificato) ¹⁾	Vástago: Acero ≤ ø9,6 = Silver Magni 565 ¹⁾ ≥ ø12,7 = Pavonado (lubricado) ¹⁾
Collar: Low carbon steel Zinc plated ¹⁾	Bague: Acier Zingué ¹⁾	Schließring: Stahl Verzinkt ¹⁾	Collare: Acciaio Zincato ¹⁾	Collar: Acero Zincado ¹⁾

1) other surface finishes available upon request / d'autres finitions de surfaces disponibles sur demande / andere Oberflächen auf Anfrage / altre finiture superficiali sono disponibili su richiesta / disponibles otros acabados superficiales bajo pedido

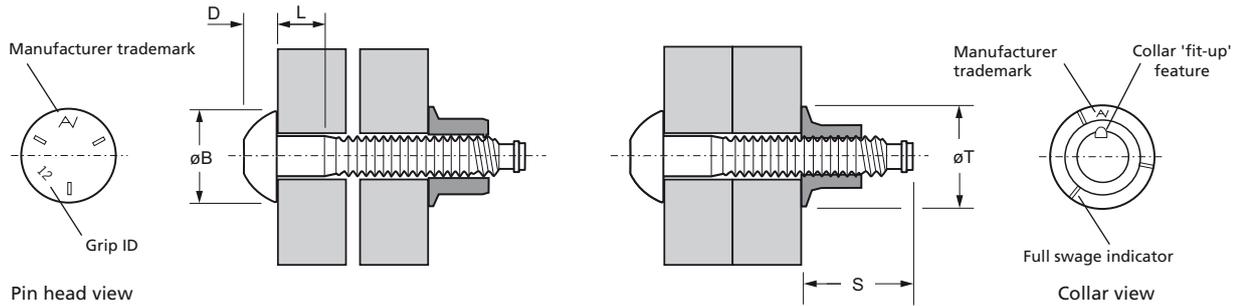


ø nom.	e			L		øB nom.	D nom.	S at grip e max.	øT nom.	Part No/ref	
	ID	e min. ²⁾	e max. ²⁾	min.	max.					Pin	Collar
4.8 (3/16")	4	1.33	9.83	5.00	5.56	2.46	8.64	3.01	9.60	12851-60604	12801-30600
	6	4.50	13.00			5.64				12851-60606	
	8	7.68	16.18			8.81				12851-60608	
	10	10.85	19.35			11.99				12851-60610	
	12	14.03	22.53			15.16				12851-60612	
	14	17.20	25.70			18.34				12851-60614	
	16	20.38	28.88			21.51				12851-60616	
	18	23.55	32.05			24.69				12851-60618	
	20	26.73	35.23			27.86				12851-60620	
6.4 (1/4")	4	3.33	9.83	6.60	7.13	1.98	11.47	4.01	12.80	12851-60804	12801-30800
	6	6.50	13.00			5.16				12851-60806	
	8	9.68	16.18			8.33				12851-60808	
	10	12.85	19.35			11.51				12851-60810	
	12	16.03	22.53			14.68				12851-60812	
	14	19.20	25.70			17.86				12851-60814	
	16	22.38	28.88			21.03				12851-60816	
	18	25.55	32.05			24.21				12851-60818	
	20	28.73	35.23			27.38				12851-60820	
8.0 (5/16")	4	3.73	10.53	8.20	9.12	1.68	14.34	5.02	15.99	12851-61004	12801-31000
	6	6.90	13.70			4.85				12851-61006	
	8	10.08	16.88			8.03				12851-61008	
	10	13.25	20.05			11.20				12851-61010	
	12	16.43	23.23			14.38				12851-61012	
	14	19.60	26.40			17.55				12851-61014	
	16	22.78	29.58			20.73				12851-61016	
	18	25.95	32.75			23.90				12851-61018	
	20	29.13	35.93			27.08				12851-61020	

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

2) Grip range with recommended POP Avdel installation tools / Plage de serrage avec les outils d'installation POP Avdel recommandées / Klemmbereich mit empfohlenen POP Avdel Verarbeitungsgeräten / Gamma grip con i raccomandati strumenti di installazione POP Avdel / Rango de espesores con las herramientas de colocación recomendadas POP Avdel

NeoBolt® 12851 Series
Lockbolt Fastener

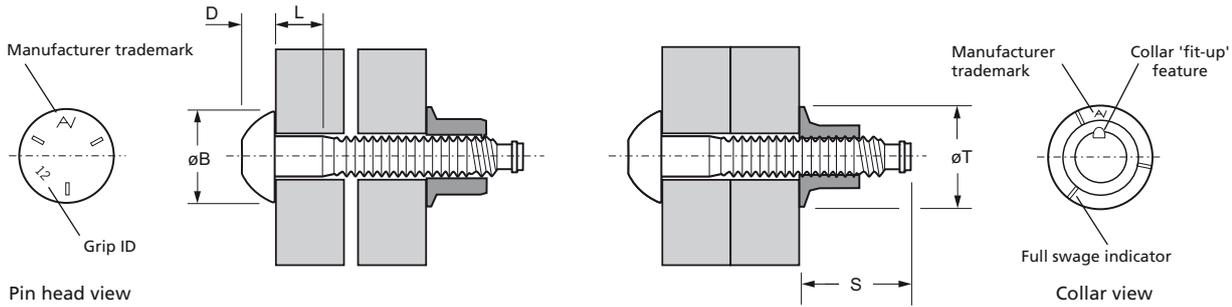


ø nom.	e			L		øB nom.	D nom.	S at grip e max.	øT nom.	Part No/ref	
	ID	e min. ²⁾	e max. ²⁾	min.	max.					Pin	Collar
9.6 (3/8")	4	1.45	11.15	9.80	10.71	1.55	17.21	6.02	19.19	12851-61204	12801-31200
	6	4.63	14.33			4.72					
	8	7.80	17.50			7.90					
	10	10.98	20.68			11.07					
	12	14.15	23.85			14.25					
	14	17.33	27.03			17.42					
	16	20.50	30.20			20.60					
	18	23.68	33.38			23.77					
	20	26.85	36.55			26.95					
	24	33.20	42.90			33.30					
12.7 (1/2")	4	7.50	15.75	13.10	14.28	4.60	22.94	8.00	26.15	12851-11604	12801-31600
	8	13.85	22.10			10.95					
	12	20.20	28.45			17.30					
	16	26.55	34.80			23.65					
	20	32.90	41.15			30.00					
	24	39.25	47.50			36.35					
	28	45.60	53.85			42.70					
	32	51.95	60.20			49.05					
	36	58.30	66.55			55.40					
	40	64.65	72.90			61.75					
	44	71.00	79.25			68.10					
	48	77.35	85.60			74.45					
	52	83.70	91.95			80.80					
	56	90.05	98.30			87.15					
	60	96.40	104.65			93.50					
	64	102.75	111.00			99.85					
68	109.10	117.35	106.20								
72	115.45	123.70	112.55								
76	121.80	130.05	118.90								
16.0 (5/8")	4	4.90	15.75	16.30	17.46	4.60	29.00	10.00	31.74	12851-12004	12801-32000
	8	11.25	22.10			10.95					
	12	17.60	28.45			17.30					
	16	23.95	34.80			23.65					
	20	30.30	41.15			30.00					
	24	36.65	47.50			36.35					
	28	43.00	53.85			42.70					
	32	49.35	60.20			49.05					
	36	55.70	66.55			55.40					
	40	62.05	72.90			61.75					
	44	68.40	79.25			68.10					
	48	74.75	85.60			74.45					
	52	81.10	91.95			80.80					

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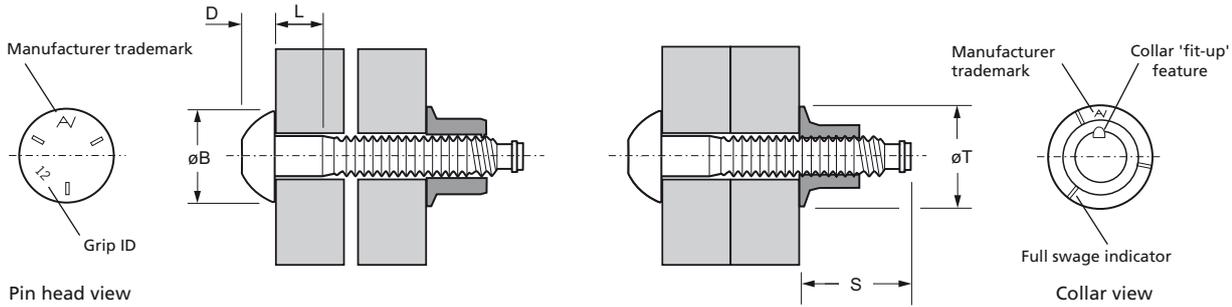
NeoBolt® 12851 Series
Lockbolt Fastener



ø nom.	e		L		øB nom.	D nom.	S at grip e max.	øT nom.	Part No/ref			
	ID	e min. ²⁾	e max. ²⁾	min.					max.	Pin	Collar	
16.0 (5/8")	56	87.45	98.30	16.30	17.46	29.00	10.00	31.74	= 50.90 = 40.05	12851-12056	12801-32000	
	60	93.80	104.65							87.15		12851-12060
	64	100.15	111.00							93.50		12851-12064
	68	106.50	117.35							99.85		12851-12068
	72	112.85	123.70							106.20		12851-12072
	76	119.20	130.05							112.55		12851-12076
19.1 (3/4")	4	9.85	16.45	19.60	20.63	35.52	13.02	38.09	= 55.37 = 48.77	12851-12404	12801-32400	
	8	16.20	22.80							4.60		12851-12408
	12	22.55	29.15							10.95		12851-12412
	16	28.90	35.50							17.30		12851-12416
	20	35.25	41.85							23.65		12851-12420
	24	41.60	48.20							30.00		12851-12424
	28	47.95	54.55							36.35		12851-12428
	32	54.30	60.90							42.70		12851-12432
	36	60.65	67.25							49.05		12851-12436
	40	67.00	73.60							55.40		12851-12440
	44	73.35	79.95							61.75		12851-12444
	48	79.70	86.30							68.10		12851-12448
	52	86.05	92.65							74.45		12851-12452
	56	92.40	99.00							80.80		12851-12456
	60	98.75	105.35							87.15		12851-12460
	64	105.10	111.70							93.50		12851-12464
68	111.45	118.05	99.85	12851-12468								
72	117.80	124.40	106.20	12851-12472								
76	124.15	130.75	112.55	12851-12476								
25.4 (1")	8	13.80	25.00	26.00	28.57	46.75	15.63	47.61	= 74.01 = 62.81	12851-13208	12801-33200	
	12	20.15	31.35							10.95		12851-13212
	16	26.50	37.70							17.30		12851-13216
	20	32.85	44.05							23.65		12851-13220
	24	39.20	50.40							30.00		12851-13224
	28	45.55	56.75							36.35		12851-13228
	32	51.90	63.10							42.70		12851-13232
	36	58.25	69.45							49.05		12851-13236
	40	64.60	75.80							55.40		12851-13240
	44	70.95	82.15							61.75		12851-13244
	48	77.30	88.50							68.10		12851-13248
	52	83.65	94.85							74.45		12851-13252
	56	90.00	101.20							80.80		12851-13256
	60	96.35	107.55							87.15		12851-13260
64	102.70	113.90	93.50	12851-13264								
68	109.05	120.25	99.85	12851-13268								
			106.20									

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

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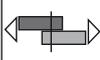


Ø nom.	e		L		ØB nom.	D nom.	S at grip e max.	ØT nom.	Part No/ref		
	ID	e min. ²⁾	e max. ²⁾	min.					max.	Pin	Collar
25.4 (1")	72	115.40	126.60	26.00	28.57	46.75	15.63	47.61	12851-13272	12801-33200	
	76	121.75	132.95								112.55
	80	128.10	139.30								118.90
	84	134.45	145.65								125.25
	88	140.80	152.00								131.60
	92	147.15	158.35								137.95
				144.30					12851-13280		
									12851-13284		
									12851-13288		
									12851-13292		

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Ø nom.	 kN ³⁾	 kN ³⁾	 kN ³⁾
4.8 (3/16")	12.2	7.4	4.7
6.4 (1/4")	18.3	13.4	8.4
8.0 (5/16")	34.9	24.2	16.0
9.6 (3/8")	46.2	35.1	22.1
12.7 (1/2")	86.2	79.6	57.7
16.0 (5/8")	145.1	126.5	91.7
19.1 (3/4")	187.2	187.3	135.8
25.4 (1")	326.7	339.6	246.2

3) Typical strength values; note that actual joint strength will depend upon joint material type, thickness, etc. and so application testing is always recommended.

Les valeurs typiques de résistance; notez que la résistance actuel de l'assemblage dépend du type de matériau utilisé, épaisseur etc... c'est ainsi qu'il est toujours recommandé de faire des test d'assemblage.

Typische Festigkeitswerte; bitte beachten Sie, dass die tatsächliche Festigkeit von Bauteilmaterial, Materialstärke etc. abhängt - ein Applikationstest ist immer empfohlen.

Valori di resistenza tipici, si noti che la forza congiunta effettiva dipenderà dal tipo di materiale, spessore, ecc e quindi un test delle applicazioni è sempre consigliato.

Valores de resistencia típicos, tenga en cuenta que la fuerza conjunta real dependerá del tipo de material de unión, espesor, etc., y así las pruebas de aplicaciones siempre se recomienda.