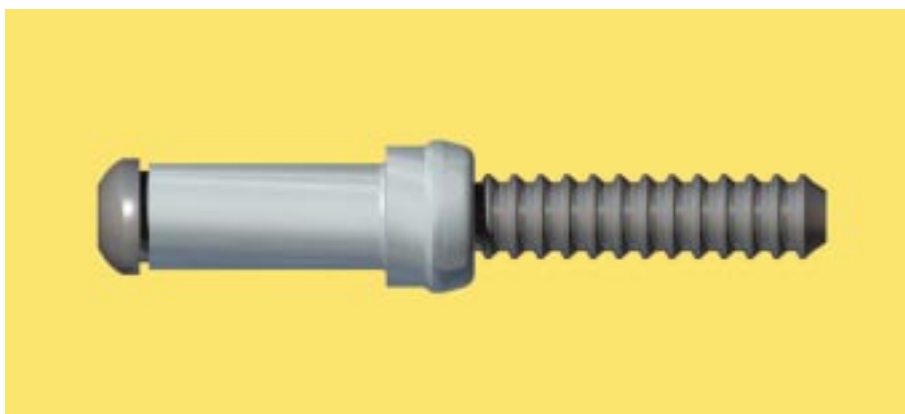
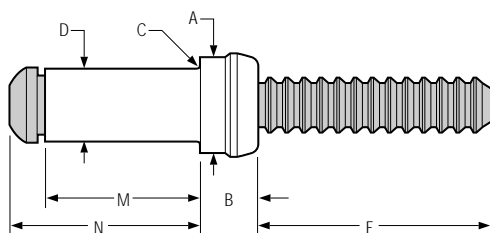


BOM® LockRite™

High-strength industrial blind bolt. Meets ASTM A307 strength requirements. Use in situations where a two-piece fastener would commonly be used. BOM® fastener install from just one side by a single worker—saving time and reducing cost.

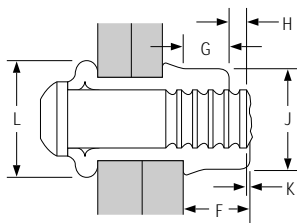


Dimensional Data



Dia. (No.)	A	B	C max	D	E
3/16 (6)	.286 -.276	.152 -.168	.015	.206 -.196	.785
1/4 (8)	.380 -.368	.205 -.225	.020	.275 -.262	.860
5/16 (10)	.478 -.468	.266 -.278	.025	.346 -.332	1.285
3/8 (12)	.563 -.553	.315 -.327	.030	.411 -.393	1.230
1/2 (16)	.755 -.745	.415 -.438	.035	.544 -.529	1.530
5/8 (20)	.941 -.931	.507 -.545	.040	.685 -.662	1.710
3/4 (24)	1.130 -1.120	.637 -.654	.050	.816 -.795	2.150

Installed Dimensions



Dia.	F nom	G min	H max	J max	K max	L nom
3/16	.177	7/64	3/32	.261	1/32	.306
1/4	.232	5/32	3/32	.346	1/32	.405
5/16	.304	3/16	11/64	.434	3/64	.517
3/8	.357	13/64	11/64	.510	3/64	.605
1/2	.475	19/64	11/64	.686	1/16	.841
5/8	.595	13/32	5/16	.874	5/64	1.038
3/4	.722	7/16	5/16	1.027	5/64	1.267

Grip Data

6 (3/16) Dia. Hole Size=.208-.222 (7/32)

Grip No.	Range	M ref	N max
2	.093 -.156	.376	.500
3	.157 -.219	.439	.562
4	.220 -.281	.501	.625
5	.282 -.344	.564	.687
6	.345 -.406	.626	.750
7	.407 -.469	.689	.812
8	.470 -.531	.751	.875
9	.532 -.594	.814	.937
10	.595 -.656	.876	1.000
11	.657 -.719	.939	1.062
12	.720 -.781	1.001	1.125

8 (1/4) Dia. Hole Size=.277-.292 (9/32)

Grip No.	Range	M ref	N max
2	.093 -.156	.460	.620
3	.157 -.219	.523	.682
4	.220 -.281	.585	.745
5	.282 -.344	.648	.807
6	.345 -.406	.710	.870
7	.407 -.469	.773	.932
8	.470 -.531	.835	.995
9	.532 -.594	.898	1.057
10	.595 -.656	.960	1.120
11	.657 -.719	1.023	1.182
12	.720 -.781	1.085	1.245

Grip Data

10 (5/16) Dia. Hole Size=.348-.368				12 (3/8) Dia. Hole Size=.413-.435			
Grip No.	Range	M ref	N max	Grip No.	Range	M ref	N max
4	.188 -.312	.695	.875	4	.188 -.312	.766	.969
6	.313 -.437	.820	1.000	6	.313 -.437	.891	1.094
8	.438 -.562	.945	1.125	8	.438 -.562	1.016	1.219
10	.563 -.687	1.070	1.250	10	.563 -.687	1.141	1.344
12	.688 -.812	1.195	1.375	12	.688 -.812	1.266	1.469
14	.813 -.937	1.320	1.500	14	.813 -.937	1.391	1.594
16	.938 -1.062	1.445	1.625	16	.938 -1.062	1.516	1.719
18				18	1.063 -1.187	1.641	1.844
20				20	1.188 -1.312	1.766	1.969

Grip Data

16 (1/2) Dia. Hole Size=.546-.581 (9/16)				20 (5/8) Dia. Hole Size=.687-.728 (11/16)			
Grip No.	Range	M ref	N max	Grip No.	Range	M ref	N max
4	.251 -.375	1.000	1.266	4	.251 -.500	1.213	1.531
6	.376 -.500	1.125	1.391				
8	.501 -.625	1.250	1.516	8	.501 -.750	1.463	1.781
10	.626 -.750	1.375	1.641				
12	.751 -.875	1.500	1.766	12	.751 -1.000	1.713	2.031
14	.876 -1.000	1.625	1.891				
16	1.001 -1.125	1.750	2.016	16	1.001 -1.250	1.963	2.281
18	1.126 -1.250	1.875	2.141				
20	1.251 -1.375	2.000	2.266	20	1.251 -1.500	2.213	2.531
22	1.376 -1.500	2.125	2.391				
24	1.501 -1.625	2.250	2.516				

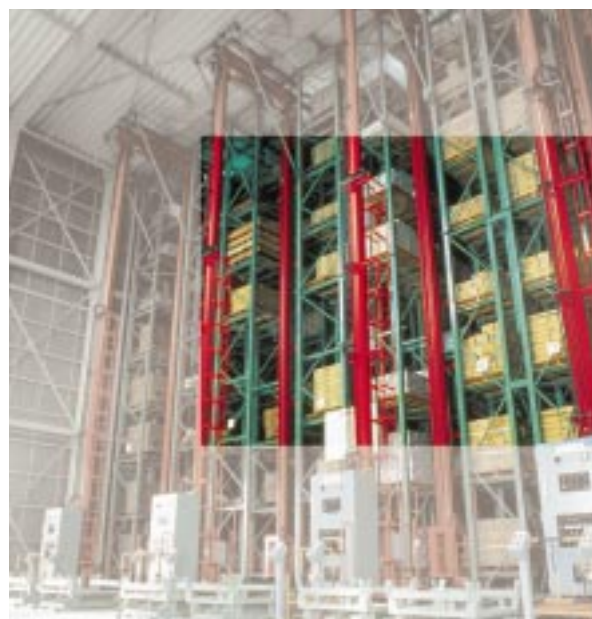
Grip Data

24 (3/4) Dia. Hole Size=.828-.873 (13/16)			
Grip No.	Range	M ref	N max
4	.251 -.500	1.380	1.750
8	.501 -.750	1.630	2.000
12	.751 -1.000	1.880	2.250
16	1.001 -1.250	2.130	2.500

Installed Values in Nominal Grip (lbs.)

Diameter	Shear	Tensile
3/16	2800	1800
1/4	5100	3250
5/16	8050	5200
3/8	11100	7250
1/2	20150	13000
5/8	31900	20500
3/4	45100	29100

Note: These are minimum ultimate shear and tensile strengths, in pounds, of installed fastener, when tested in a grip equal to or greater than one and one half the fastener diameter.



Material, Finish and Lubrication

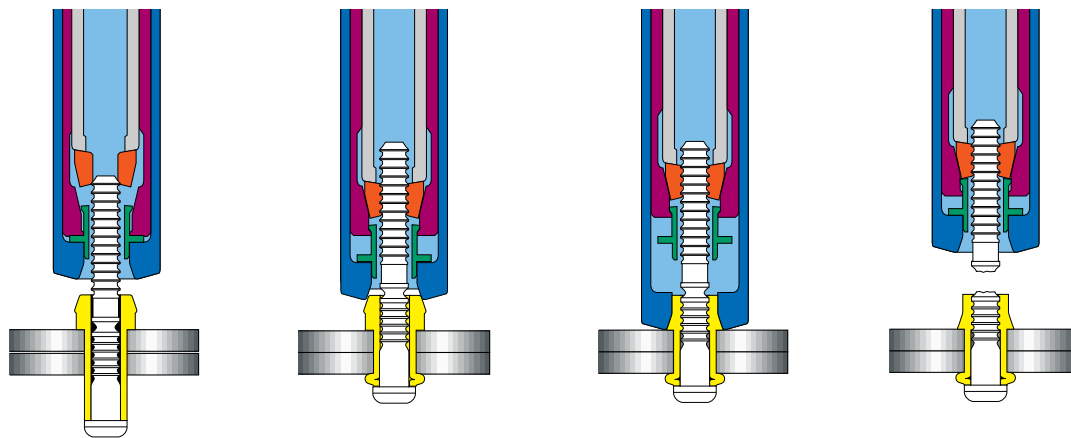
		Material	Finish	Lubrication
Sleeve		Carbon Steel	Zinc plating per specification ASTM B695 or ASTM B633	Wax Film
			Meets specifications of QQ-Z-325 and MIL-C-81562	
Pin	3/16-5/16 Dia.	Carbon Steel	None	Wax Film
	3/8-3/4 Dia.	Alloy Steel	None	Wax Film

Installation Tooling

Dia.	Installation Tool	Nose Assembly	Type	Use
3/16	230	99-994	Pneudraulic	Maintenance & Repair
	2025	99-994	Pneudraulic	Maintenance & Repair
	212	99-994	Pneudraulic	Production
	245	99-1053 (heavy duty)	Pneudraulic	Production
	246	99-1053 (heavy duty)	Pneudraulic	Production
	2480	99-994	Hydraulic	Production
	2580	99-1053 (heavy duty)	Hydraulic	Production
1/4	245	99-830-1	Pneudraulic	Production
	246	99-830-1	Pneudraulic	Production
	2580	99-830-1	Hydraulic	Production
5/16	246	99-769	Pneudraulic	Production
	2580	99-769	Hydraulic	Production
	2600	99-3119	Hydraulic	Production
3/8	2600	99-3122	Hydraulic	Production
1/2	FE5901	99-5100	Hydraulic	Production
	5901	99-5100	Hydraulic	Production
5/8	585	99-5102	Hydraulic	Production
	586	99-5102	Hydraulic	Production
3/4	586	99-5103	Hydraulic	Production



Installation Sequence



[Click Here to view animation of installation sequence](#)

Part Number Identification

BOM- R 8 - 6

- Grip Range: (See Grip Data Chart)
- Diameter: in 1/32" increments
- Material: R = steel pin, steel sleeve
- **B**lind **O**versize **M**echanical fastener