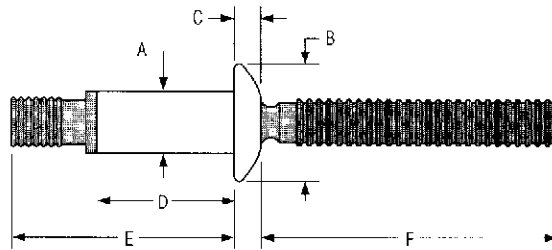


# Engineering Standards: MAGNA-BULB® Blind Fasteners

## Fastener Specifications



Dia.	Part No.	Grip Range	Hole Size	A nom	B max	C max	D ±.007	E max	F min
3/16	MBP-R6-M1	.040 - .095 (1.0 - 2.4 mm)	.191 - .201	.187	.385	.101	.350	.622	1.00
	MBP-R6-M2	.047 - .110 (1.2 - 2.8 mm)	.191 - .201	.187	.385	.101	.350	.622	1.00
	MBP-R6-M3	.087 - .150 (2.2 - 3.8 mm)	.191 - .201	.187	.385	.101	.390	.661	1.00
	MBP-R6-M4	.126 - .189 (3.2 - 4.8 mm)	.191 - .201	.187	.385	.101	.429	.701	1.00
	MBP-R6-M5	.165 - .228 (4.2 - 5.8 mm)	.191 - .201	.187	.385	.101	.468	.742	1.00
	MBP-R6-M6	.205 - .268 (5.2 - 6.8 mm)	.191 - .201	.187	.385	.101	.508	.782	1.00
	MBP-R6-M7	.244 - .307 (6.2 - 7.8 mm)	.191 - .201	.187	.385	.101	.547	.821	1.00
	MBP-R6-M8	.283 - .347 (7.2 - 8.8 mm)	.191 - .201	.187	.385	.101	.587	.861	1.00
	MBP-R6-M9	.323 - .386 (8.2 - 9.8 mm)	.191 - .201	.187	.385	.101	.626	.900	1.00
	MBP-R6-M10	.362 - .425 (9.2 - 10.8 mm)	.191 - .201	.187	.385	.101	.665	.939	1.00
1/4	MBP-R8-M2	.060 - .138 (1.5 - 3.5 mm)	.261 - .272	.251	.530	.125	.452	.790	1.10
	MBP-R8-M3	.110 - .189 (2.8 - 4.8 mm)	.261 - .272	.251	.530	.125	.502	.890	1.10
	MBP-R8-M4	.150 - .229 (3.8 - 5.8 mm)	.261 - .272	.251	.530	.125	.542	.913	1.10
	MBP-R8-M5	.189 - .268 (4.8 - 6.8 mm)	.261 - .272	.251	.530	.125	.581	.940	1.10
	MBP-R8-M6	.229 - .308 (5.8 - 7.8 mm)	.261 - .272	.251	.530	.125	.621	1.000	1.10
	MBP-R8-M7	.268 - .346 (6.8 - 8.8 mm)	.261 - .272	.251	.530	.125	.660	1.040	1.10
	MBP-R8-M8	.308 - .387 (7.8 - 9.8 mm)	.261 - .272	.251	.530	.125	.700	1.080	1.10
	MBP-R8-M9	.346 - .425 (8.8 - 10.8 mm)	.261 - .272	.251	.530	.125	.739	1.120	1.10
	MBP-R8-M10	.387 - .466 (9.8 - 11.8 mm)	.261 - .272	.251	.530	.125	.779	1.160	1.10
	MBP-R8-M11	.425 - .504 (10.8 - 12.8 mm)	.261 - .272	.251	.530	.125	.818	1.200	1.10
MBP-R8-M12	.466 - .545 (11.8 - 13.8 mm)	.261 - .272	.251	.530	.125	.858	1.240	1.10	
MBP-R8-M13	.504 - .583 (12.8 - 14.8 mm)	.261 - .272	.251	.530	.125	.897	1.280	1.10	
5/16	MBP-R10-3	.150 - .250	.3275 - .340	.316	.655	.152		1.115	1.375

### Typical Installed Values in Nominal Grip

Diameter	Shear	Tensile	Pin Retention
3/16	1700	1100	300
1/4	3600	2000	600
5/16	5000	3000	450

### Materials and Finishes

	Material	Finish
Sleeve	Steel	Zinc Plated with Gold Chromate
Pin	Steel	Zinc Plated with Gold Dichromate

### How to Order

To order Magna-Bulb fasteners, specify the part number from the *Fastener Specifications* table above.

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