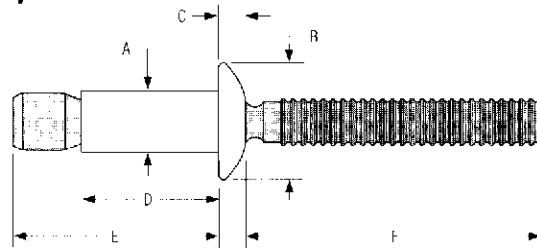


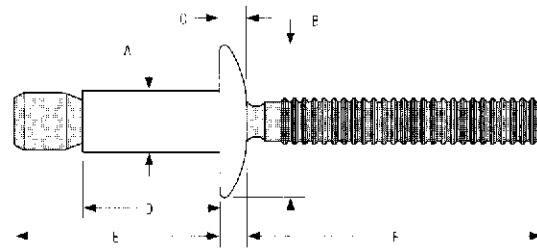
Engineering Standards: MAGNA-LOK™ Blind Fasteners

Fastener Specifications and Grip Data



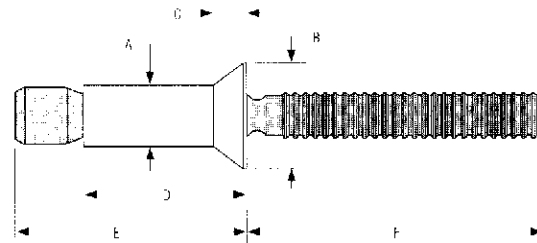
Protruding Head

Dia.	Steel	Aluminum	Stainless	Grip Range	Hole Size	A	B	C	D	E	F
3/16	MGLP-R6-4	MGLP-B6-4	MGLP-U6-4	.062 - .270	.191 - .201	.188	.385	.085	.415	.675	1.00
	MGLP-R6-7	MGLP-B6-7	MGLP-U6-7	.214 - .437	.191 - .201	.188	.385	.085	.572	.825	1.00
	MGLP-R6-E	MGLP-B6-E		.062 - .437	.191 - .201	.188	.385	.085	.572	.950	1.00
1/4	MGLP-R8-6	MGLP-B8-6	MGLP-U8-6	.080 - .375	.261 - .272	.253	.525	.117	.560	.970	1.00
	MGLP-R8-10	MGLP-B8-10	MGLP-U8-10	.350 - .625	.261 - .272	.253	.525	.117	.810	1.220	1.00
	MGLP-R8-E	MGLP-B8-E		.080 - .625	.261 - .272	.253	.525	.117	.810	1.405	1.00
3/8	MGLP-R12-12	MGLP-B12-12		.120 - .560	.392 - .408	.386	.787	.175	.840	1.650	1.545



Truss Head

Dia.	Steel	Aluminum	Grip Range	Hole Size	A	B	C	D	E	F
3/16	MGLT-R6-4	MGLT-B6-4	.062 - .270	.191 - .201	.187	.500	.085	.415	.675	1.00
	MGLT-R6-7*	MGLT-B6-7*	.214 - .437	.191 - .201	.187	.500	.085	.572	.825	1.00
	MGLT-R6-E	MGLT-B6-E*	.062 - .437	.191 - .201	.187	.500	.085	.572	.950	1.00
1/4	MGLT-R8-6*	MGLT-B8-6*	.080 - .375	.261 - .272	.253	.588	.117	.560	.970	1.00
	MGLT-R8-10*	MGLT-B8-10*	.350 - .625	.261 - .272	.253	.588	.117	.810	1.220	1.00
	MGLT-R8-E*	MGLT-B8-E*	.080 - .625	.261 - .272	.253	.588	.117	.810	1.405	1.00



100° Flush Head

Dia.	Steel	Aluminum	Stainless	Grip Range	Hole Size	A	B	C	D	E	F
3/16	MGL100-R6-6	MGL100-B6-6	MGL100-U6-6*	.125 - .331	.191 - .201	.188	.345	.070	.486	.762	1.00
	MGL100-R6-9	MGL100-B6-9	MGL100-U6-9*	.305 - .500	.191 - .201	.188	.345	.070	.653	.929	1.00
1/4	MGL100-R8-8	MGL100-B8-8	MGL100-U8-8*	.160 - .475	.261 - .272	.257	.405	.079	.660	1.059	1.00
	MGL100-R8-12	MGL100-B8-12	MGL100-U8-12*	.415 - .725	.261 - .272	.257	.405	.079	.910	1.309	1.00

*Consult factory for availability
Note: Add a "U" prefix for parts that are compatible with Monobolt, tooling and nose assemblies (eg. UMGLP-R8-6)

Typical Installed Values in Nominal Grip

Material	Diameter	Shear	Tensile	Pin Retention
Steel	3/16	1450	1200	300
	1/4	2750	2200	500
	3/8	6000	4000	800
Aluminum	3/16	700	500	50
	1/4	1300	890	100
	3/8	3120	1860	270
Stainless	3/16	1400	1000	125
	1/4	2500	2000	250

Grip Data – Protruding and Truss Heads

Dia.	Grip Number	Range min - max
3/16	4	.062 - .270
	7	.214 - .437
	E	.062 - .437
1/4	6	.080 - .375
	10	.350 - .625
	E	.080 - .625
3/8	12	.120 - .560

Grip Data – 100° Flush Heads

Dia.	Grip Number	Range min - max
3/16	6	.125 - .331
	9	.305 - .500
1/4	8	.160 - .475
	12	.415 - .725

Materials and Finishes

Material	Sleeve	Pin	Sleeve Finish	Pin Finish
Steel	Low	Medium	Zinc Plated	Zinc Plated
	Carbon Steel	Carbon Steel	Clear Chromate	Gold Chromate
Aluminum	5056	7075	Clear Chromate	Gold Chromate
Stainless	302	305/304	Passivated	Dry Lubricated

How to Order

Follow the form below to construct a part number for ordering Magna-Lok blind fasteners. Refer to the *Grip Data* chart for grip numbers.

MGL (STYLE) - (MATERIAL) (DIAMETER) - (GRIP NUMBER)

Example: **MGLP-R6-4** is a Magna-Lok blind fastener, Protruding Head, Steel, 3/16" Diameter, Grip 4

Style	Material	Diameter
Protruding Head	Steel	3/16
Truss Head	Aluminum	1/4
100° Flush Head	Stainless Steel	3/8



FOR THE LONG HAUL SM

U.S. Form No. HWB-865S 5-97 10M
 Intl. Form No. HIB-865S 6-92 10M

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