

## Rivet Information

### RIVET TYPES

**Open-End**—Retains the mandrel head within the body of the rivet. A strong, cost-effective alternative to tubular rivets in industrial applications with materials that do not have high load-bearing requirements. Go to Grainger.com® and search for "open-end rivets."

**Closed-End**—Provides greater shear and tensile strength over open-end rivets of similar sizes and materials. Seals liquidtight, with 100% mandrel retention. Go to Grainger.com® and search for "closed-end rivets."

**Blind**—Designed for blind-side applications where only 1 side of the material is accessible. Will not mar or scratch painted or other finished materials. See pages 2131, 2132, 2133, 2134.

### HEAD TYPES

**Dome**—Provides a low-profile finished assembly.

**Large Flange**—Provides greater bearing surface for fastening soft and brittle material. Also great to cover enlarged holes or slots.

**TriBulb**—Large blind-side footprint allows use in oversize holes. Use with both soft and brittle materials.



Closed-End



Domed



Large Flange



TriBulb



Multigrip

### OTHER RIVET TYPES

See grainger.com/fasteners for our expanded rivet selection including the following.

#### Push-In

Usually made of nylon, push-in rivets expand to lock material into holes. Use on soft or hard materials.

#### Tubular/Semitubular

Rivets can be used to fasten soft and hard materials.

Tubular rivets have a hole in the headless end. Most commonly used in self-piercing applications where a predrilled hole is not required.

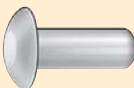
Semitubular rivets are similar to tubular rivets, but require much less insertion force.

#### Solid

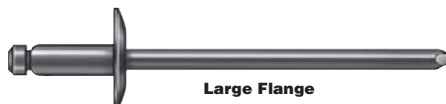
1-pc. fasteners are permanently set using a hammer or rivet press, and expand in the hole to securely lock parts together.

#### Split

Used to fasten soft materials together. 2 legs pierce the material and then fold over to fasten.



Domed



Large Flange

## Blind Rivets

Blind rivets have 2 parts: the rivet and the mandrel. The rivet fastens to the materials, and the mandrel is used to set the rivet and then is discarded.

Note: Countersunk, button, and structural domed rivets are available on Grainger.com®; search for the head type, such as "countersunk rivets."

Rivet Dia.	Head Dia.	Grip Range	Rivet Length	Rivet Type	Drill Size	Brand	Item No.	Pkg. Qty.
<b>Steel Domed</b>								
3/32 in	0.178 in to 0.198 in	0.251 in to 0.375 in	0.5 in	Open	#41	—	32ML12	500
		0.020 in to 0.062 in	0.212 in	Open	#30	—	32ML13	500
		0.039 in to 0.126 in	0.323 in	Open	#30	—	32MP03	500
		0.039 in to 0.189 in	0.39 in	Open	#30	—	32MP04	500
1/8 in	0.238 in to 0.262 in	0.063 in to 0.252 in	0.449 in	Open	#30	—	32MP05	500
		0.126 in to 0.315 in	0.512 in	Open	#30	—	32MP06	500
		0.501 in to 0.625 in	0.775 in	Open	#30	—	32ML20	500
		0.063 in to 0.125 in	0.3 in	Open	#20	—	32ML21	500
		0.063 in to 0.189 in	0.413 in	Open	#20	—	32MP10	500
		0.063 in to 0.252 in	0.472 in	Open	#20	—	32MP11	500
		0.126 in to 0.187 in	0.362 in	Open	#20	—	32ML22	500
		0.126 in to 0.315 in	0.535 in	Open	#20	—	32MP12	500
5/32 in	0.296 in to 0.328 in	0.188 in to 0.250 in	0.425 in	Open	#20	—	32ML23	500
		0.313 in to 0.375 in	0.55 in	Open	#20	—	32ML24	500
		0.315 in to 0.500 in	0.724 in	Open	#20	—	32MP15	500
		0.376 in to 0.500 in	0.675 in	Open	#20	—	32ML25	500
		0.501 in to 0.625 in	0.8 in	Open	#20	—	32ML26	500
		0.626 in to 0.750 in	0.925 in	Open	#20	—	32ML27	500

Rivet Dia.	Head Dia.	Grip Range	Rivet Length	Rivet Type	Drill Size	Brand	Item No.	Pkg. Qty.
3/32 in	0.356 in to 0.394 in	0.063 in to 0.125 in	0.325 in	Open	#11	—	32ML28	250
		0.063 in to 0.126 in	0.374 in	Open	#11	—	32MP16	250
		0.063 in to 0.189 in	0.437 in	Open	#11	—	32MP17	250
	0.400 in	0.063 in to 0.250 in	0.416 in	Open	#10	—	32MR65	250
		0.063 in to 0.252 in	0.5 in	Open	#11	—	32MP18	250
		0.126 in to 0.187 in	0.387 in	Open	#11	—	32ML29	250
	0.356 in to 0.394 in	0.126 in to 0.315 in	0.563 in	Open	#11	—	32MP19	250
		0.188 in to 0.250 in	0.45 in	Open	#11	—	32ML30	250
		0.189 in to 0.378 in	0.626 in	Open	#11	—	32MP20	250
1/8 in	0.400 in	0.214 in to 0.437 in	0.577 in	Open	#10	—	32MR66	250
		0.252 in to 0.441 in	0.689 in	Open	#11	—	32MP21	250
		0.313 in to 0.375 in	0.575 in	Open	#11	—	32ML31	250
		0.315 in to 0.500 in	0.76 in	Open	#11	—	32MP22	250
		0.376 in to 0.500 in	0.7 in	Open	#11	—	32ML32	250
	0.356 in to 0.394 in	0.378 in to 0.563 in	0.815 in	Open	#11	—	32MP23	250
		0.500 in to 0.689 in	0.937 in	Open	#11	—	32MP24	250
		0.501 in to 0.625 in	0.825 in	Open	#11	—	32ML33	250
		0.626 in to 0.750 in	0.95 in	Open	#11	—	32ML34	250
		0.751 in to 0.875 in	1.075 in	Open	#11	—	32ML35	250
		0.876 in to 1.000 in	1.2 in	Open	#11	—	32ML36	250
1/4 in	0.475 in to 0.525 in	0.376 in to 0.500 in	0.75 in	Open	F	—	32ML39	100
		0.751 in to 0.875 in	1.125 in	Open	F	—	32ML42	100
<b>Large Flange</b>								
3/8 in	0.238 in to 0.262 in	0.039 in to 0.189 in	0.39 in	Open	#30	—	32MR55	500
		0.063 in to 0.125 in	0.275 in	Open	#30	—	32ML43	500
		0.126 in to 0.187 in	0.337 in	Open	#30	—	32ML44	500
1/2 in	0.360 in to 0.390 in	0.188 in to 0.250 in	0.4 in	Open	#30	—	32ML45	500
		0.313 in to 0.375 in	0.525 in	Open	#30	—	32ML46	500
		0.376 in to 0.500 in	0.65 in	Open	#30	—	32ML47	500

**POP**  **Avdel**