

EAGLE PLASTIC DEVICES Nylon Hardware



RoHS Compliant This page of product is compliant.

SPACERS

Standard Spacers

* Nylon 6/6 UL94V2

All standard nylon spacers can be tapped two thread sizes larger than the screw size listed.

For quantities greater than listed, call for quote.

| MOUSER STOCK NO. | Fig. | Screw Size | Dimensions: in. | | | Price Each | | |
|------------------|------|------------|-----------------|------|-------|------------|-----|------|
| | | | A | B | L | 1 | 100 | 1000 |
| 561-KSP2 | A | 4 | .187 | .115 | .125 | .22 | .08 | .06 |
| 561-KSP4 | A | 4 | .187 | .115 | .187 | .23 | .10 | .07 |
| 561-KSP6 | A | 4 | .187 | .115 | .250 | .24 | .12 | .09 |
| 561-KSP8 | A | 4 | .187 | .115 | .312 | .23 | .10 | .08 |
| 561-KSP10 | A | 4 | .187 | .115 | .375 | .23 | .10 | .07 |
| 561-K4.125 | A | 4 | .250 | .115 | .125 | .23 | .12 | .09 |
| 561-K4.187 | A | 4 | .250 | .115 | .187 | .24 | .12 | .09 |
| 561-K4.25 | A | 4 | .250 | .115 | .250 | .16 | .08 | .06 |
| 561-K4.375 | A | 4 | .250 | .115 | .375 | .19 | .07 | .05 |
| 561-K4.50 | A | 4 | .250 | .115 | .500 | .20 | .10 | .07 |
| 561-K4.625 | A | 4 | .250 | .115 | .625 | .31 | .12 | .10 |
| 561-K4.75 | A | 4 | .250 | .115 | .750 | .28 | .10 | .08 |
| 561-K4.100 | A | 4 | .250 | .115 | 1.000 | .39 | .15 | .12 |
| 561-KSP312 | A | 4 | .250 | .115 | 1.250 | .58 | .29 | .22 |
| 561-K6.25 | A | 6 | .250 | .140 | .250 | .16 | .06 | .05 |
| 561-K6.375 | A | 6 | .250 | .140 | .375 | .20 | .08 | .06 |
| 561-K6.437 | A | 6 | .250 | .140 | .437 | .24 | .12 | .09 |
| 561-K6.50 | A | 6 | .250 | .140 | .500 | .23 | .10 | .07 |
| 561-K6.625 | A | 6 | .250 | .140 | .625 | .25 | .13 | .11 |
| 561-K6.75 | A | 6 | .250 | .140 | .750 | .35 | .12 | .10 |
| 561-K6.875 | A | 6 | .250 | .140 | .875 | .37 | .18 | .12 |
| 561-K6.100 | A | 6 | .250 | .140 | 1.000 | .41 | .16 | .13 |
| 561-KSP92 | A | 6 | .312 | .140 | .125 | .22 | .11 | .08 |
| 561-K8.25 | A | 8 | .250 | .171 | .250 | .15 | .06 | .04 |
| 561-K8.375 | A | 8 | .250 | .171 | .375 | .26 | .12 | .09 |
| 561-K8.50 | A | 8 | .250 | .171 | .500 | .26 | .12 | .09 |
| 561-K8.625 | A | 8 | .250 | .171 | .625 | .29 | .11 | .08 |
| 561-K8.75 | A | 8 | .250 | .171 | .750 | .36 | .13 | .10 |
| 561-K8.875 | A | 8 | .250 | .171 | .875 | .37 | .14 | .11 |
| 561-K8.100 | A | 8 | .250 | .171 | 1.000 | .40 | .15 | .12 |
| 561-KSP97 | A | 8 | .312 | .171 | .187 | .22 | .08 | .06 |
| 561-KSP117 | A | 8 | .312 | .171 | .500 | .22 | .08 | .06 |
| 561-KSP102 | A | 10 | .312 | .194 | .250 | .22 | .11 | .08 |
| 561-KSP110 | A | 10 | .312 | .194 | .375 | .22 | .08 | .06 |
| 561-KSP114 | A | 10 | .312 | .194 | .437 | .23 | .10 | .08 |
| 561-KSP160 | A | 10 | .375 | .194 | .125 | .22 | .09 | .07 |
| 561-KSP163 | A | 10 | .375 | .194 | .187 | .22 | .08 | .06 |
| 561-KSP166 | A | 10 | .375 | .194 | .250 | .24 | .10 | .07 |
| 561-KSP169 | A | 10 | .375 | .194 | .312 | .22 | .08 | .06 |
| 561-KSP172 | A | 10 | .375 | .194 | .375 | .22 | .08 | .06 |
| 561-KSP178 | A | 10 | .375 | .194 | .500 | .23 | .09 | .07 |
| 561-KSP190 | A | 10 | .375 | .194 | .750 | .25 | .12 | .09 |
| 561-KSP202 | A | 10 | .375 | .194 | 1.000 | .27 | .11 | .08 |
| 561-KSP377 | A | 10 | .375 | .194 | 1.125 | .64 | .24 | .19 |
| 561-KSP205 | A | 10 | .500 | .194 | .125 | .22 | .08 | .06 |
| 561-KSP210 | A | 10 | .500 | .194 | .187 | .22 | .11 | .08 |
| 561-KSP215 | A | 10 | .500 | .194 | .250 | .22 | .11 | .08 |
| 561-KSP220 | A | 10 | .500 | .194 | .312 | .23 | .09 | .07 |
| 561-KSP225 | A | 10 | .500 | .194 | .375 | .23 | .09 | .07 |
| 561-KSP235 | A | 10 | .500 | .194 | .500 | .25 | .10 | .08 |

Round Tapped Spacers

Molded from type 6/6 nylon and then machine tapped, these spacers are low cost insulators that can be used in many electrical applications.

For quantities greater than listed, call for quote.

| MOUSER STOCK NO. | Fig. | Screw Size | Dimensions: in. | | Price Each | | | |
|------------------|------|------------|-----------------|-------|------------|-----|------|-----|
| | | | A | L | 1 | 100 | 1000 | |
| 561-TSP1 | B | 4-40 | .250 | .250 | .28 | .19 | .14 | .12 |
| 561-TSP2 | B | 4-40 | .250 | .375 | .30 | .21 | .17 | .15 |
| 561-TSP3 | B | 4-40 | .250 | .500 | .30 | .21 | .17 | .14 |
| 561-TSP36 | B | 4-40 | .250 | .625 | .28 | .19 | .15 | .13 |
| 561-TSP4 | B | 4-40 | .250 | .750 | .36 | .26 | .21 | .19 |
| 561-TSP37 | B | 4-40 | .250 | .875 | .34 | .24 | .19 | .17 |
| 561-TSP5 | B | 4-40 | .250 | 1.000 | .34 | .24 | .19 | .17 |
| 561-TSP7 | B | 6-32 | .250 | .375 | .28 | .19 | .15 | .13 |
| 561-TSP8 | B | 6-32 | .250 | .500 | .30 | .21 | .17 | .15 |
| 561-TSP38 | B | 6-32 | .250 | .625 | .28 | .19 | .15 | .13 |
| 561-TSP9 | B | 6-32 | .250 | .750 | .29 | .21 | .16 | .14 |
| 561-TSP39 | B | 6-32 | .250 | .875 | .33 | .24 | .18 | .16 |
| 561-TSP10 | B | 6-32 | .250 | 1.000 | .27 | .18 | .14 | .11 |
| 561-TSP11 | B | 8-32 | .250 | .250 | .26 | .17 | .13 | .11 |
| 561-TSP12 | B | 8-32 | .250 | .375 | .28 | .19 | .15 | .13 |
| 561-TSP13 | B | 8-32 | .250 | .500 | .28 | .20 | .16 | .13 |
| 561-TSP40 | B | 8-32 | .250 | .625 | .28 | .19 | .15 | .13 |
| 561-TSP14 | B | 8-32 | .250 | .750 | .33 | .24 | .19 | .17 |
| 561-TSP15 | B | 8-32 | .250 | 1.000 | .33 | .24 | .18 | .16 |

Locking Hex Spacer

Economic locking spacers eliminate screws, nuts, and lock washers in mounting P.C. boards on metal chassis or stacking in multiple tiers. Unique locking clips provide a mechanically secure, reusable connection in predrilled or punched holes while saving considerable assembly time.

For quantities greater than listed, call for quote.

| MOUSER STOCK NO. | Fig. | Description | Price Each | | | |
|------------------|------|--------------------|------------|-----|------|-----|
| | | | 1 | 100 | 1000 | |
| 561-MPH276 | C | Hex locking spacer | .49 | .23 | .17 | .15 |

Hex Tapped Spacers

On spacer 3/4" and longer, tap is 3/8" from each end.

For quantities greater than listed, call for quote.

| MOUSER STOCK NO. | Fig. | Screw Size | L Length (in.) | Price Each | | |
|------------------|------|------------|----------------|------------|-----|------|
| | | | | 1 | 100 | 1000 |
| 561-L4.25 | D | 4-40 | .250 | .48 | .19 | .15 |
| 561-L4.375 | D | 4-40 | .375 | .55 | .21 | .17 |
| 561-L4.50 | D | 4-40 | .500 | .55 | .19 | .15 |
| 561-L4.625 | D | 4-40 | .625 | .56 | .21 | .17 |
| 561-L4.75 | D | 4-40 | .750 | .68 | .25 | .20 |
| 561-L4.875 | D | 4-40 | .875 | .82 | .29 | .23 |
| 561-L4.100 | D | 4-40 | 1.000 | .73 | .27 | .21 |
| 561-L6.25 | D | 6-32 | .250 | .64 | .22 | .18 |
| 561-L6.375 | D | 6-32 | .375 | .53 | .21 | .16 |
| 561-L6.50 | D | 6-32 | .500 | .61 | .22 | .17 |
| 561-L6.625 | D | 6-32 | .625 | .56 | .27 | .19 |
| 561-L6.75 | D | 6-32 | .750 | .67 | .25 | .19 |
| 561-L6.875 | D | 6-32 | .875 | .82 | .30 | .23 |
| 561-L6.100 | D | 6-32 | 1.000 | .72 | .28 | .21 |
| 561-L8.25 | D | 8-32 | .250 | .62 | .22 | .17 |
| 561-L8.375 | D | 8-32 | .375 | .63 | .23 | .18 |
| 561-L8.50 | D | 8-32 | .500 | .68 | .25 | .20 |
| 561-L8.625 | D | 8-32 | .625 | .66 | .29 | .21 |
| 561-L8.75 | D | 8-32 | .750 | .80 | .29 | .22 |
| 561-L8.875 | D | 8-32 | .875 | .84 | .32 | .25 |
| 561-L8.100 | D | 8-32 | 1.000 | .86 | .40 | .29 |

SCREW INSULATORS

Nylon screw insulators are used to isolate metal screws electrically and reduce corrosion. They may also be used as light load bearings in many applications.

For quantities greater than listed, call for quote.

| MOUSER STOCK NO. | Fig. | Screw Size | L Length (in.) | Price Each | | | |
|------------------|------|------------|----------------|------------|------|------|------|
| | | | | 1 | 100 | 500 | 1000 |
| 561-04006 | E | 4 | .063 | .10 | .07 | .05 | .04 |
| 561-04012 | E | 4 | .125 | .09 | .06 | .05 | .04 |
| 561-06004 | E | 6 | .047 | .10 | .05 | .04 | .03 |
| 561-06012 | E | 6 | .125 | .09 | .05 | .04 | .03 |
| 561-06018 | E | 6 | .188 | .08 | .045 | .035 | .023 |
| 561-06025 | E | 6 | .25 | .08 | .05 | .04 | .03 |
| 561-06050 | E | 6 | .50 | .09 | .05 | .04 | .03 |
| 561-08012 | E | 8 | .125 | .10 | .07 | .05 | .03 |
| 561-08025 | E | 8 | .25 | .10 | .07 | .05 | .03 |
| 561-08037 | E | 8 | .375 | .10 | .07 | .05 | .03 |
| 561-08050 | E | 8 | .50 | .11 | .08 | .06 | .04 |
| 561-10014 | E | 10 | .141 | .10 | .07 | .05 | .04 |
| 561-10025 | E | 10 | .25 | .10 | .07 | .05 | .04 |
| 561-10037 | E | 10 | .375 | .09 | .06 | .04 | .03 |
| 561-10075 | E | 10 | .75 | .09 | .06 | .04 | .03 |
| 561-25012 | E | 1/4 | .125 | .09 | .07 | .05 | .04 |
| 561-25025 | E | 1/4 | .25 | .09 | .06 | .04 | .03 |
| 561-25037 | E | 1/4 | .375 | .09 | .06 | .04 | .03 |
| 561-25050 | E | 1/4 | .50 | .09 | .07 | .05 | .03 |
| 561-25075 | E | 1/4 | .75 | .10 | .07 | .05 | .04 |

WASHERS

For quantities greater than listed, call for quote.

| MOUSER STOCK NO. | Fig. | Screw Size | Dimensions: in. | | | Price Each | | |
|----------------------------------|------|------------|-----------------|------|------|------------|-----|------|
| | | | A | B | C | 1 | 100 | 1000 |
| Standard Flat Washers | | | | | | | | |
| 561-D232 | F | 2 | .250 | .090 | .032 | .06 | .03 | .02 |
| 561-D262 | F | 2 | .250 | .090 | .062 | .06 | .03 | .02 |
| 561-D432 | F | 4 | .250 | .115 | .032 | .06 | .03 | .02 |
| 561-D462 | F | 4 | .250 | .115 | .062 | .08 | .04 | .03 |
| 561-D4125 | F | 4 | .250 | .115 | .125 | .10 | .07 | .05 |
| 561-D632 | F | 6 | .312 | .140 | .032 | .08 | .04 | .03 |
| 561-D662 | F | 6 | .312 | .140 | .062 | .08 | .04 | .03 |
| 561-D6125 | F | 6 | .312 | .140 | .125 | .09 | .06 | .04 |
| 561-D832 | F | 8 | .375 | .171 | .032 | .07 | .03 | .02 |
| 561-D862 | F | 8 | .375 | .171 | .062 | .07 | .04 | .03 |
| 561-D8125 | F | 8 | .375 | .171 | .125 | .09 | .06 | .04 |
| 561-D1032 | F | 10 | .375 | .194 | .032 | .06 | .03 | .02 |
| 561-D1062 | F | 10 | .375 | .194 | .062 | .09 | .05 | .03 |
| 561-D10125 | F | 10 | .375 | .194 | .125 | .09 | .06 | .04 |
| 561-D2562 | F | 1/4 | .500 | .257 | .062 | .08 | .05 | .03 |
| 561-D31262 | F | 5/16 | .500 | .317 | .062 | .08 | .05 | .03 |
| 561-D37562 | F | 3/8 | .625 | .380 | .062 | .07 | .04 | .02 |
| 561-D43762 | F | 7/16 | .750 | .443 | .062 | .08 | .05 | .04 |
| 561-D50062 | F | 1/2 | .750 | .505 | .062 | .09 | .05 | .04 |
| Finishing Washers | | | | | | | | |
| 561-SFW6 | G | 6 | .437 | .143 | .100 | .20 | .10 | .07 |
| 561-SFW8 | G | 8 | .510 | .171 | .115 | .21 | .11 | .07 |
| 561-SFW10 | G | 10 | .580 | .191 | .152 | .22 | .12 | .08 |
| Retaining Washers | | | | | | | | |
| 561-04032 | H | 4 | .266 | .156 | .032 | .07 | .03 | .02 |
| 561-04062 | H | 4 | .266 | .156 | .062 | .08 | .05 | .03 |
| 561-06032 | H | 6 | .328 | .198 | .032 | .07 | .03 | .02 |
| 561-06062 | H | 6 | .328 | .198 | .062 | .08 | .04 | .03 |
| 561-08032 | H | 8 | .391 | .235 | .032 | .09 | .05 | .03 |
| 561-10032 | H | 10 | .453 | .277 | .032 | .07 | .04 | .02 |
| 561-10062 | H | 10 | .453 | .277 | .062 | .08 | .05 | .03 |
| Standard Shoulder Washers | | | | | | | | |
| 561-SW6 | I | 6 | .146 | .328 | .040 | .10 | .05 | .03 |
| 561-SW8 | I | 8 | .174 | .375 | .050 | .09 | .06 | .04 |
| 561-SW10 | I | 10 | .201 | .437 | .050 | .09 | .06 | .03 |
| 561-SW25 | I | 1/4 | .260</ | | | | | |