

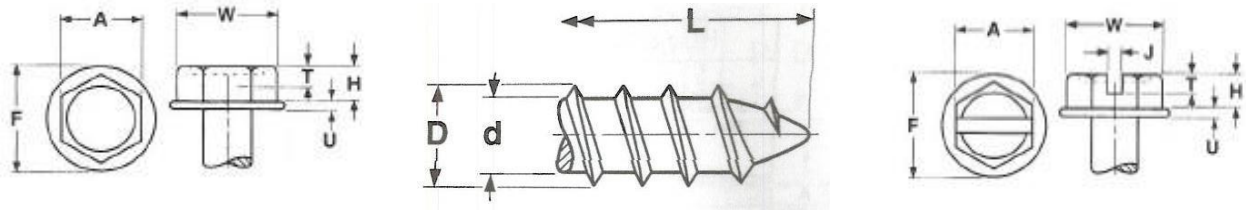
Hex Head Plastic Anchor Kit

Product Specifications



PRODUCT FEATURES

- Zinc Plated
- AISI 1016 - 1024 or equivalent Steel or Stainless Austenitic 18-8 Stainless Steel



| Screw Diameter | Threads Per Inch Type A | Threads Per Inch Type AB | D | | d | | D | | d | | Hole Sizes Type A&AB | | | | | | |
|---------------------|-------------------------|--------------------------|-----------------------|------|-----------------------|------|------------------------|------|------------------------|------|----------------------|------|------|--|----------|--------|------|
| | | | Major Diameter Type A | | Minor Diameter Type A | | Major Diameter Type AB | | Minor Diameter Type AB | | Hole Diameter | | | Closest Drill Size To Mean Hole Diameter | | | |
| | | | Min | Max | Min | Max | Min | Max | Min | Max | Min | Mean | Max | Size | Diameter | | |
| 4 | 0.1120 | n/a | 24 | n/a | n/a | n/a | n/a | n/a | .108 | .114 | .082 | .086 | .089 | .096 | .103 | 41 | .086 |
| 5 | 0.1250 | n/a | 20 | n/a | n/a | n/a | n/a | .123 | .130 | .090 | .094 | .100 | .107 | .114 | 36 | .1065 | |
| 6 | 0.1380 | 18 | 20 | .136 | .141 | .096 | .102 | .132 | .139 | .099 | .104 | .108 | .116 | .124 | 32 | .116 | |
| 7 | 0.1510 | 16 | 19 | .152 | .158 | .108 | .114 | .147 | .154 | .109 | .115 | .120 | .129 | .138 | 30 | .1285 | |
| 8 | 0.1640 | 15 | 18 | .162 | .168 | .116 | .123 | .159 | .166 | .116 | .122 | .128 | .138 | .148 | 29 | .136 | |
| 10 | 0.1900 | 12 | 16 | .188 | .194 | .126 | .133 | .182 | .189 | .135 | .141 | .148 | .159 | .170 | 21 | .159 | |
| 12 | 0.2160 | 11 | 14 | .215 | .221 | .155 | .162 | .208 | .215 | .157 | .164 | .169 | .182 | .194 | 14 | .182 | |
| 14 | 0.2420 | 10 | n/a | .248 | .254 | .178 | .185 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | 5.5mm | 0.2165 | |
| 1/4 | .2500 | n/a | 14 | n/a | n/a | n/a | n/a | .237 | .246 | .185 | .192 | .196 | .211 | .226 | 4 | .209 | |
| 5/16 | .3125 | n/a | 12 | n/a | n/a | n/a | n/a | .306 | .315 | .236 | .244 | .251 | .270 | .289 | I | .272 | |
| 3/8 | .3750 | n/a | 12 | n/a | n/a | n/a | n/a | .371 | .380 | .299 | .309 | .310 | .333 | .356 | Q | .332 | |
| Tolerance on Length | | | Up to 1" ±0.03 | | | | Over 1" ±0.05 | | | | ANSI B18.6.4 | | | | | | |

| Screw Diameter | Minimum Torsional Strength, Lb. Steel Screws Only | Phillips Bit Size | A | | W | H | | F | | U | | J | | T | | |
|----------------|---|-------------------|--------------------|------|----------------------|-------------|------|--------------------|------|---------------------|------|---------------|------|---------------|------|------|
| | | | Width Across Flats | | Width Across Corners | Head Height | | Diameter of Washer | | Thickness of Washer | | Width of Slot | | Depth of Slot | | |
| | | | Min | Max | Min | Min | Max | Min | Max | Min | Max | Min | Max | Min | Max | |
| 4 | 0.1120 | 13 | 1 | .181 | .188 | .202 | .049 | .060 | .225 | .243 | .011 | .019 | .031 | .039 | .025 | .036 |
| 5 | 0.1250 | 18 | 2 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 6 | 0.1380 | 24 | 2 | .244 | .250 | .272 | .080 | .093 | .302 | .328 | .015 | .025 | .039 | .048 | .033 | .046 |
| 7 | 0.1510 | 30 | 2 | .244 | .250 | .272 | .080 | .093 | .302 | .328 | .017 | .029 | .039 | .048 | .040 | .054 |
| 8 | 0.1640 | 39 | 2 | .244 | .250 | .272 | .096 | .110 | .322 | .348 | .019 | .031 | .045 | .054 | .052 | .066 |
| 10 | 0.1900 | 48 | 2 | .305 | .312 | .340 | .105 | .120 | .384 | .414 | .019 | .031 | .050 | .060 | .057 | .072 |
| 12 | 0.2160 | 83 | 3 | .305 | .312 | .340 | .139 | .155 | .398 | .432 | .022 | .039 | .056 | .067 | .077 | .093 |
| 14 | 0.2420 | 125 | 3 | .367 | .375 | .409 | .172 | .190 | .480 | .520 | .030 | .050 | .064 | .075 | .083 | .101 |
| 1/4 | .2500 | 142 | 3 | .367 | .375 | .409 | .172 | .190 | .480 | .520 | .030 | .050 | .064 | .075 | .083 | .101 |
| 5/16 | .3125 | 290 | 4 | .489 | .500 | .545 | .208 | .230 | .624 | .676 | .035 | .055 | .072 | .084 | .100 | .122 |
| 3/8 | .3750 | 590 | 4 | .551 | .562 | .614 | .270 | .295 | .720 | .780 | .037 | .063 | .081 | .094 | .131 | .131 |

| | |
|------------------|---|
| Material | AISI 1016 - 1024 or equivalent Steel or Stainless Austenitic 18-8 Stainless Steel |
| Heat Treatment | Quenched in liquid and tempered by reheating to 650°F minimum. |
| Surface Hardness | Steel: Rockwell C45 minimum |
| Case Depth | No. 6 diameter .002 - .007 No. 8 - No. 12 .004 - .009 1/4" and larger .005 - .011 |
| Core Hardness | Rockwell C28 - 38 |

Select MLWHKIT for the Hex Washer Head Tapping Screw Assortment Kit

Warranty: See warranty information for more details.

All dimensions listed are nominal. MAINLINE® reserves the right to make product and material changes at any time without notice.

Contact your sales representative for more information or visit our website at mainlinecollection.com

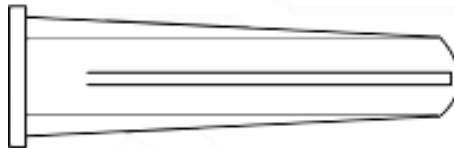
Hex Head Plastic Anchor Kit

Product Specifications



PRODUCT FEATURES

- Conical plastic anchors are designed for use with lightweight fixtures. They can be used in concrete, block and brick, as well as wallboard. Holding values in wallboard tend to be inconsistent. Plastic anchors are injection molded from an engineered plastic and designed to be used in conjunction with a sheet metal screw. Plastic anchors should not be used in overhead applications.



| Screw Size | Length Of Anchor | Flange Diameter | Drill Bit Size | Minimum Embedment Depth | Allowable Load Capacity | | | | | | | | | |
|------------|------------------|-----------------|----------------|-------------------------|-------------------------|--------------|-------------------|--------------|-------------------|--------------|----------------|--------------|----------------|--------------|
| | | | | | 2000 PSI Concrete | | 4000 PSI Concrete | | 6000 PSI Concrete | | Hollow Block | | Brick | |
| | | | | | Tensile (lbs.) | Shear (lbs.) | Tensile (lbs.) | Shear (lbs.) | Tensile (lbs.) | Shear (lbs.) | Tensile (lbs.) | Shear (lbs.) | Tensile (lbs.) | Shear (lbs.) |
| 6-8 | 3/4 | 19/64 | 3/16 | 3/4 | 45 | 55 | 55 | 60 | 55 | 60 | 35 | 45 | 20 | 45 |
| 8-10 | 7/8 | 19/64 | 3/16 | 7/8 | 65 | 60 | 85 | 70 | 105 | 70 | 60 | 45 | 30 | 50 |
| 10-12 | 1" | 3/8 | 1/4 | 1" | 90 | 70 | 140 | 90 | 160 | 90 | 70 | 55 | 55 | 65 |
| 14-16 | 1-1/2" | 7/16 | 5/16 | 1-1/2" | 210 | 135 | 210 | 145 | 225 | 145 | 170 | 105 | 175 | 100 |

Warranty: See warranty information for more details.

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