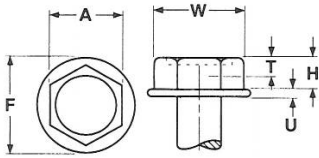
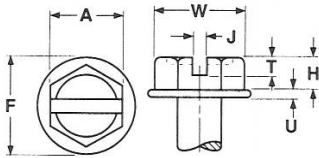




Atlanta, Georgia
 Phone 800-521-7326 Fax 770-745-1333

Hex Washer Head Type A & AB Tapping Screw



Peco Catalog#

See Section One of Our Catalog

| Screw Diameter | Threads Per Inch Type A | Threads Per Inch Type AB | D | | d | | D | | d | | Hole Size Type A&AB | | | | | |
|---------------------|-------------------------|--------------------------|----------------|----------------|------------------|------|-------------------|---------------|----------------|------|---------------------|--------------|------|--|----------|--------|
| | | | Major Diameter | | Minor Diameter A | | Major Diameter AB | | Minor Diameter | | 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 | .108 | .114 | .082 | .086 | .089 | .096 | .103 | 41 | .096 |
| 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 | 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
 Heat Treatment
 Surface Hardness
 Case Depth
 Core Hardness

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

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Hex Washer Head Type A & AB Tapping Screw



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| Screw Diameter | Threads Per Inch Type A | Threads Per Inch Type AB | D | | d | | D | | d | | Hole Size Type A&AB | | | | | |
|---------------------|-------------------------|--------------------------|-----------------------|----------------|------------------|------|-------------------|---------------|------------------------|------|---------------------|--------------|------|--|----------|--------|
| | | | Major Diameter Type A | | Minor Diameter A | | Major Diameter 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 | .108 | .114 | .082 | .086 | .089 | .096 | .103 | 41 | .096 |
| 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 | 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
 Heat Treatment
 Surface Hardness
 Case Depth
 Core Hardness

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