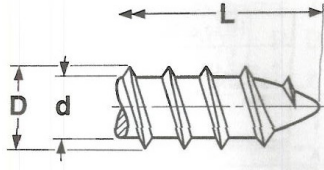
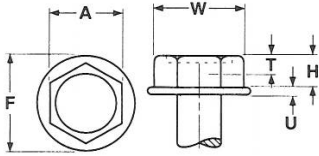
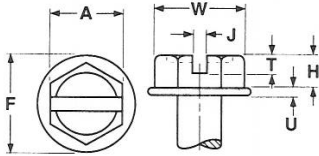




Atlanta, Georgia  
 Phone 800-521-7326 Fax 770-745-1333

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

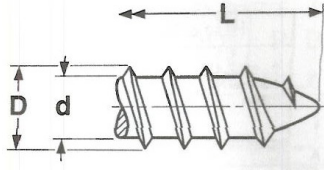
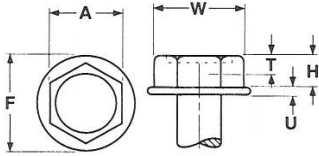
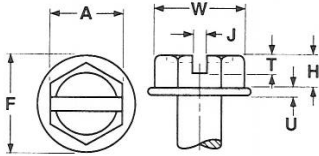
|   |
|---|
| AISI 1016 - 1024 or equivalent Steel or Stainless Austenitic 18-8 Stainless Steel |
| Quenched in liquid and tempered by reheating to 650°F minimum.                    |
| Steel: Rockwell C45 minimum   |
| No. 6 diameter .002 - .007 No. 8 - No. 12 .004 - .009 1/4" and larger .005 - .011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

|   |
|---|
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| Quenched in liquid and tempered by reheating to 650°F minimum.                    |
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