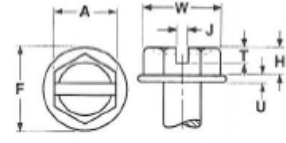
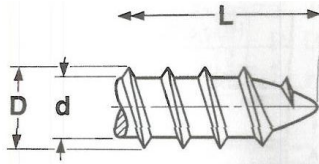
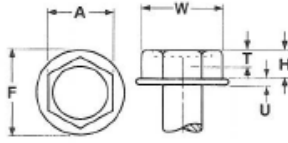




Atlanta, Georgia  
Phone 800-521-7326 Fax 770-745-1333

### Hex Washer Head Type A & AB Tapping Screw



Peco  
Catalog#

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Catalog

| 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 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

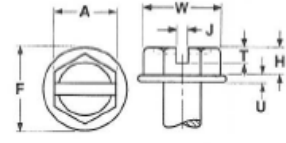
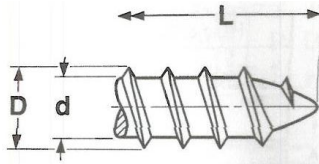
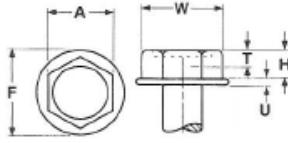
|                                                                                   |
|-----------------------------------------------------------------------------------|
| AISI 1016 - 1024 or equivalent Steel or Stainless Austenitic 18-8 Stainless Steel |
| Quenched in liquid and tempered by reheating 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 |
| 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 Sizes Type A&AB |      |      |                                          |          |
|---------------------|--------|-------------------------|--------------------------|-----------------------|------|-----------------------|------|------------------------|------|-------------------|------|----------------------|------|------|------------------------------------------|----------|
|                     |        |                         |                          | Major Diameter Type A |      | Minor Diameter Type A |      | Major Diameter Type AB |      | Minor Diameter 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 |  |
| Rockwell C28 - 38                                                                 |  |

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