

FHK/ FHL series

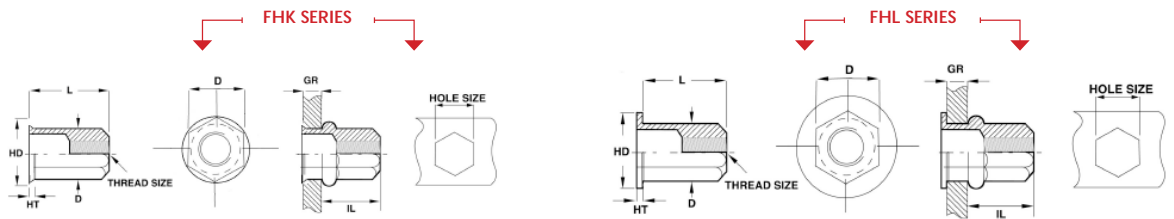
FHK & FHL SERIES LARGE AND SMALL FLANGE FULL HEX SERIES

- The FHK/FHL series provides increased spin out resistance over round body and half hex body rivet nuts.

- Proven to meet Class 8 and Grade 5 thread strength.



- The FHK series has a small flange for a near flush installation.



FHK - SMALL FLANGE UNIFIED THREAD (UNIT - INCHES)

| SHEREX Part Number Inch - Steel | Thread Size | Grip Range | | L ± .015 | HD (A/F) ± .010 | HT ± .005 | D (A/F) Max. | IL Ref. | Hole Size (A/F) +.004/- .000 |
|------------------------------------|-------------|------------|------|-------------|--------------------|--------------|-----------------|------------|---------------------------------|
| | | Min. | Max. | | | | | | |
| FHK2-2520-138 | 1/4-20 UNC | .039 | .138 | .673 | .390 | .016 | .354 | .469 | .354 |
| FHK2-2520-236 | | .138 | .236 | .772 | | | | | |
| FHK2-2520-335 | | .236 | .335 | .870 | | | | | |
| FHK2-3118-157 | 5/16-18 UNC | .031 | .157 | .787 | .457 | .016 | .432 | .535 | .433 |
| FHK2-3118-276 | | .157 | .276 | .913 | | | | | |
| FHK2-3118-394 | | .276 | .394 | 1.039 | | | | | |
| FHK2-3716-177 | 3/8-16 UNC | .039 | .177 | .955 | .559 | .025 | .511 | .689 | .512 |
| FHK2-3716-295 | | .177 | .295 | 1.053 | | | | | |
| FHK2-3716-413 | | .295 | .413 | 1.191 | | | | | |
| FHK2-5013-177 | 1/2-13 UNC | .039 | .177 | 1.215 | .734 | .033 | .656 | .866 | .656 |

FHK - SMALL FLANGE METRIC THREAD (UNIT - MILLIMETERS)

| SHEREX Part Number Metric - Steel | Thread Size | Grip Range | | L ± .38 | HD (A/F) ± .25 | HT ± .13 | D (A/F) Max. | IL Ref. | Hole Size (A/F) +.10/- .000 |
|--------------------------------------|----------------|------------|------|------------|-------------------|-------------|-----------------|------------|--------------------------------|
| | | Min. | Max. | | | | | | |
| FHK2-610-3.5 | M6 X 1.0 ISO | 1.0 | 3.5 | 17.10 | 9.92 | 0.41 | 8.98 | 11.9 | 9.0 |
| FHK2-610-6.0 | | 3.5 | 6.0 | 19.60 | | | | | |
| FHK2-610-8.5 | | 6.0 | 8.5 | 22.10 | | | | | |
| FHK2-8125-4.0 | M8 X 1.25 ISO | 0.8 | 4.0 | 20.00 | 11.60 | 0.41 | 10.98 | 13.6 | 11.0 |
| FHK2-8125-7.0 | | 4.0 | 7.0 | 23.20 | | | | | |
| FHK2-8125-10.0 | | 7.0 | 10.0 | 26.40 | | | | | |
| FHK2-1015-4.5 | M10 X 1.5 ISO | 1.0 | 4.5 | 24.25 | 14.20 | 0.64 | 12.98 | 17.5 | 13.0 |
| FHK2-1015-7.5 | | 4.5 | 7.5 | 26.75 | | | | | |
| FHK2-1015-10.5 | | 7.5 | 10.5 | 30.25 | | | | | |
| FHK2-12175-4.5 | M12 X 1.75 ISO | 1.0 | 4.5 | 30.85 | 18.65 | 0.85 | 16.65 | 22.0 | 16.66 |

FHL - LARGE FLANGE UNIFIED THREAD (UNIT - INCHES)

| SHEREX Part Number Inch - Steel | Thread Size | Grip Range | | L ± .015 | HD (A/F) ± .014 | HT ± .006 | D (A/F) Max. | IL Ref. | Hole Size (A/F) +.004/- .000 |
|------------------------------------|-------------|------------|------|-------------|--------------------|--------------|-----------------|------------|---------------------------------|
| | | Min. | Max. | | | | | | |
| FHL2-2520-138 | 1/4-20 UNC | .039 | .138 | .657 | .511 | .059 | .354 | .469 | .354 |
| FHL2-2520-236 | | .138 | .236 | .756 | | | | | |
| FHL2-2520-335 | | .236 | .335 | .854 | | | | | |
| FHL2-3118-157 | 5/16-18 UNC | .031 | .157 | .771 | .630 | .059 | .432 | .535 | .433 |
| FHL2-3118-276 | | .157 | .276 | .897 | | | | | |
| FHL2-3118-394 | | .276 | .394 | 1.020 | | | | | |
| FHL2-3716-177 | 3/8-16 UNC | .039 | .177 | .910 | .748 | .079 | .511 | .689 | .512 |
| FHL2-3716-295 | | .177 | .295 | 1.010 | | | | | |
| FHL2-3716-413 | | .295 | .413 | 1.140 | | | | | |
| SHEREX Part Number Inch - Steel | Thread Size | Grip Range | | L | HD (A/F) | HT | D (A/F) | IL | Hole Size (A/F) |
| LRGH2-5013-177 | 1/2-13 UNC | .039 | .177 | 1.181 | .959 | .085 | .656 | .866 | .656 |

FHL - LARGE FLANGE METRIC THREAD (UNIT - MILLIMETERS)

| SHEREX Part Number Metric - Steel | Thread Size | Grip Range | | L ± .38 | HD (A/F) ± .35 | HT ± .15 | D (A/F) Max. | IL Ref. | Hole Size (A/F) +.10/- .000 |
|--------------------------------------|----------------|------------|------|------------|-------------------|-------------|-----------------|------------|--------------------------------|
| | | Min. | Max. | | | | | | |
| FHL2-610-3.5 | M6 X 1.0 ISO | 1.0 | 3.5 | 16.70 | 13.00 | 1.50 | 8.98 | 11.9 | 9.0 |
| FHL2-610-6.0 | | 3.5 | 6.0 | 19.20 | | | | | |
| FHL2-610-8.5 | | 6.0 | 8.5 | 21.70 | | | | | |
| FHL2-8125-4.0 | M8 X 1.25 ISO | 0.8 | 4.0 | 19.60 | 16.00 | 1.50 | 10.98 | 13.6 | 11.0 |
| FHL2-8125-7.0 | | 4.0 | 7.0 | 22.80 | | | | | |
| FHL2-8125-10.0 | | 7.0 | 10.0 | 26.00 | | | | | |
| FHL2-1015-4.5 | M10 X 1.5 ISO | 1.0 | 4.5 | 23.10 | 19.00 | 2.00 | 12.98 | 17.5 | 13.0 |
| FHL2-1015-7.5 | | 4.5 | 7.5 | 25.60 | | | | | |
| FHL2-1015-10.5 | | 7.5 | 10.5 | 29.10 | | | | | |
| SHEREX Part Number Metric - Steel | Thread Size | Grip Range | | L | HD (A/F) | HT | D (A/F) | IL | Hole Size (A/F) |
| LRGH2-12175-4.5 | M12 X 1.75 ISO | 1.0 | 4.5 | 30.00 | 24.36 | 2.16 | 16.65 | 22.0 | 16.66 |



- The FHL series has a large flange to provide increased strength in punched and drilled holes.

Sherex full hex rivet nuts are compatible with the following
GRADE 2, GRADE 5, CLASS 8.8 and CLASS 9.8
 Please contact **H.W.E** when using other grade fasteners.