

All Items Phosphate & Oil

flange bolts and locknuts form a strong and dependable fastening system that substantially cuts truck assembly, maintenance and repair costs. The flange bolts are made to IFI III industry standard specifications. When flange bolts are used in conjunction with the flange locknuts they form a 150,000 P.S.I. tensile strength fastening system equivalent to SAE J429, Grade 8 industry standard specification. Flat washers and lock washers are not needed with the flange bolts. Our flange fastening system also reduces the need for costly hole preparations such as deburring and countersinking.



Product Specifications

| Product Diameter | Flange & Nut Diameter | Screw & Nut Across Flats | Screw Head Height | Nut Height | Minimum Screw Thread Length |
|------------------|-----------------------|--------------------------|-------------------|-------------|-----------------------------|
| 3/8" | .780"/.810" | .551"/.562" | .370"/.390" | .415"/.425" | 1" |
| 1/2" | 1.031"/1.070" | .736"/.750" | .490"/.510" | .545"/.555" | 1-1/4" |
| 5/8" | 1.300"/1.330" | .922"/.937" | .600"/.620" | .680"/.690" | 1-1/2" |
| 3/4" | 1.510"/1.565" | 1.110"/1.125" | .710"/.730" | .740"/.750" | 1-3/4" |

Grade 8 Hex Flange Bolts

| Size | Part No. U.S.S. | Unit Pkg. | S.A.E. | Unit Pkg. |
|--------------|--------------------------------------|-----------|--------|-----------|
| 3/8" | U.S.S. (Coarse) Threads Per Inch: 16 | | | |
| 3/8 x 1" | 17561* | 25 | | |
| 3/8 x 1-1/4" | 17562* | 25 | | |
| 3/8 x 1-1/2" | 17563 | 25 | | |
| 3/8 x 1-3/4" | 17564 | 25 | | |

| Size | Part No. U.S.S. | Unit Pkg. | Part No. S.A.E. | Unit Pkg. |
|--------------|--|-----------|-----------------|-----------|
| 1/2" | U.S.S. (Coarse) Threads Per Inch: 13 S.A.E. (Fine) Threads Per Inch: 20 | | | |
| 1/2 x 1" | 17565* | 25 | 14487* | 10 |
| 1/2 x 1-1/4" | 17566* | 25 | | |
| 1/2 x 1-1/2" | | | 14489* | 10 |
| 1/2 x 1-3/4" | | | 14490* | 10 |
| 1/2 x 2" | 17569 | 15 | 14491 | 10 |
| 1/2 x 2-1/4" | 17570 | 15 | | |
| 1/2 x 3" | 17573 | 15 | | |
| 1/2 x 3-1/4" | 17574 | 15 | | |
| 1/2 x 3-1/2" | 17575 | 15 | | |

| Size | Part No. U.S.S. | Unit Pkg. | Part No. S.A.E. | Unit Pkg. |
|--------------|--|-----------|-----------------|-----------|
| 5/8" | U.S.S. (Coarse) Threads Per Inch: 11 S.A.E. (Fine) Threads Per Inch: 18 | | | |
| 5/8 x 1-3/4" | 17577* | 10 | 14494* | 10 |
| 5/8 x 2" | 17578* | 10 | 14495* | 10 |
| 5/8 x 2-1/4" | 17579* | 10 | | 10 |
| 5/8 x 2-1/2" | 17580 | 10 | 14497 | 10 |
| 5/8 x 3" | 17582 | 10 | 14499 | 10 |
| 5/8 x 3-1/2" | 17584 | 10 | | |

*Items threaded to the head

Hex Flange Locknuts

| Pkg. | Size | Unit Part No. | Pkg. | Size | Unit Part No. |
|-------|------------------|---------------|-------|------------------|---------------|
| 12517 | 3/8"-16 (Coarse) | 50 | 12519 | 5/8"-11 (Coarse) | 25 |
| 12518 | 1/2"-13 (Coarse) | 25 | 14501 | 5/8"-18 (Fine) | 25 |
| 14500 | 1/2"-20 (Fine) | 25 | 15180 | 3/4"-10 (Coarse) | 10 |