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BUTTERFLY VALVE BOLT UPS

WAFER

BOLT

| SIZE | QTY | SIZE |
|--------|-----|---------------|
| 2" | 4 | 5/8" X 4" |
| 2-1/2" | 4 | 5/8" X 4" |
| 3" | 4 | 5/8" X 4-1/2" |
| 4" | 8 | 5/8" X 5" |
| 5" | 8 | 3/4" X 5" |
| 6" | 8 | 3/4" X 5-1/2" |
| 8" | 8 | 3/4" X 5-1/2" |
| 10" | 12 | 7/8" X 6" |
| 12" | 12 | 7/8" X 6-1/2" |

LUG

CAP SCREW

| SIZE | QTY | SIZE |
|--------|-----|---------------|
| 2" | 8 | 5/8" X 1-1/4" |
| 2-1/2" | 8 | 5/8" X 1-1/2" |
| 3" | 8 | 5/8" X 1-1/2" |
| 4" | 16 | 5/8" X 1-1/2" |
| 5" | 16 | 3/4" X 2" |
| 6" | 16 | 3/4" X 2" |
| 8" | 16 | 3/4" X 2-1/4" |
| 10" | 24 | 7/8" X 2-1/4" |
| 12" | 24 | 7/8" X 2-3/4" |

STUD

| SIZE | QTY | SIZE |
|--------|-----|---------------|
| 2" | 4 | 5/8" X 4-1/2" |
| 2-1/2" | 4 | 5/8" X 5" |
| 3" | 4 | 5/8" X 5-1/2" |
| 4" | 8 | 5/8" X 5-1/2" |
| 5" | 8 | 3/4" X 6" |
| 6" | 8 | 3/4" X 6" |
| 8" | 8 | 3/4" X 6-1/2" |
| 10" | 12 | 7/8" X 7" |
| 12" | 12 | 7/8" X 7-1/2" |

STUD

| SIZE | QTY | SIZE |
|--------|-----|---------------|
| 2" | 4 | 5/8" X 4-1/2" |
| 2-1/2" | 4 | 5/8" X 5" |
| 3" | 4 | 5/8" X 5-1/2" |
| 4" | 8 | 5/8" X 5-1/2" |
| 5" | 8 | 3/4" X 6" |
| 6" | 8 | 3/4" X 6" |
| 8" | 8 | 3/4" X 6-1/2" |
| 10" | 12 | 7/8" X 7" |
| 12" | 12 | 7/8" X 7-1/2" |

1) Length of bolts, cap screws and studs do NOT include the use of washers.
 Additional length may be required for washer thickness