

# BOLT LENGTH CHARTS

## 047 Series Bolt-On Sweeps on light- and medium-duty cultivators

| APPLICATION   | TOP BOLT       | BOTTOM BOLT    | SPECIAL NOTES                           |
|---|----------------|----------------|---|
| 1" Bourgault shank without seed boot                      | 1/2" x 2"      | 1/2" x 2"      | Plow bolts, no lock washer, regular nut |
| 1" Bourgault shank with Bourgault round tube seed boot    | 1/2" x 2"      | 1/2" x 2"      | Plow bolts, no lock washer, regular nut |
| 1" Bourgault shank with Bourgault square tube seed boot   | 1/2" x 2-1/4"  | 1/2" x 2"      | Plow bolts, no lock washer, regular nut |
| 7/8" Bourgault shank without seed boot                    | 1/2" x 1-3/4"  | 1/2" x 1-3/4"  | Plow bolts, no lock washer, regular nut |
| 7/8" Bourgault shank with Bourgault round tube seed boot  | 1/2" x 2"      | 1/2" x 1-3/4"  | Plow bolts, no lock washer, regular nut |
| 7/8" Bourgault shank with Bourgault square tube seed boot | 1/2" x 2-1/4"  | 1/2" x 1-3/4"  | Plow bolts, no lock washer, regular nut |
| 3/4" Bourgault shank without seed boot                    | 1/2" x 1-3/4"  | 1/2" x 1-3/4"  | Plow bolts, no lock washer, regular nut |
| 3/4" Bourgault shank with Bourgault round tube seed boot  | 1/2" x 1-3/4"  | 1/2" x 1-3/4"  | Plow bolts, no lock washer, regular nut |
| 3/4" Bourgault shank with Bourgault square tube seed boot | 1/2" x 2"      | 1/2" x 1-3/4"  | Plow bolts, no lock washer, regular nut |
| 3/4" Degelman shank without seed boot                     | 7/16" x 1-3/4" | 7/16" x 1-3/4" | Plow bolts, no lock washer, regular nut |
| 7/8" Flexi-Coil shank without seed boot                   | 7/16" x 1-3/4" | 7/16" x 1-3/4" | Plow bolts, no lock washer, regular nut |
| 1/2" Morris Challenger shank without seed boot            | 3/8" x 1-1/2"  | 3/8" x 1-1/2"  | Plow bolts, no lock washer, regular nut |
| 5/8" Morris Challenger shank without seed boot            | 3/8" x 1-1/2"  | 3/8" x 1-1/2"  | Plow bolts, no lock washer, regular nut |
| 5/8" John Deere shank without seed boot                   | 7/16" x 1-1/2" | 7/16" x 1-1/2" | Plow bolts, no lock washer, regular nut |
| 9/16" CIL shank without seed boot                         | 3/8" x 1-1/2"  | 3/8" x 1-1/2"  | Plow bolts, no lock washer, regular nut |
| 1/2" Case IH shank without seed boot                      | 7/16" x 1-1/2" | 7/16" x 1-1/2" | Plow bolts, no lock washer, regular nut |

## 043 & 050 Series Bolt-On Sweeps on heavy-duty chisel plows

| APPLICATION   | TOP BOLT      | BOTTOM BOLT   | SPECIAL NOTES                           |
|---|---------------|---------------|---|
| 1" Bourgault shank without seed boot                              | 1/2" X 2"     | 1/2" X 2"     | Plow bolts, no lock washer, regular nut |
| 1" Bourgault shank with Bourgault splitter seed boot #6505-42     | 1/2" X 2-1/4" | 1/2" X 2"     | Plow bolts, no lock washer, regular nut |
| 1-1/4" Bourgault shank without seed boot                          | 1/2" X 2-1/4" | 1/2" X 2-1/4" | Plow bolts, no lock washer, regular nut |
| 1-1/4" Bourgault shank with Bourgault splitter seed boot #6505-42 | 1/2" X 2-1/2" | 1/2" X 2-1/4" | Plow bolts, no lock washer, regular nut |
| 1" John Deere shank without seed boot                             | 1/2" X 1-3/4" | 1/2" X 2"     | Plow bolts, no lock washer, regular nut |
| 3/4" Degelman shank (50°) without seed boot                       | 1/2" X 1-3/4" | 1/2" X 1-3/4" | Plow bolts, no lock washer, regular nut |
| 1-1/4" Flexi-Coil shank without seed boot                         | 1/2" X 2-1/4" | 1/2" X 2-1/4" | Plow bolts, no lock washer, regular nut |
| 1" Morris shank (43°) without seed boot                           | 1/2" X 2"     | 1/2" X 2"     | Plow bolts, no lock washer, regular nut |
| 7/8" Shulte shank without seed boot                               | 1/2" X 2"     | 1/2" X 2"     | Plow bolts, no lock washer, regular nut |
| 1-1/4" CIL shank without seed boot                                | 1/2" X 2-1/4" | 1/2" X 2-1/4" | Plow bolts, no lock washer, regular nut |
| 1-1/4" IH shank without seed boot                                 | 1/2" X 2-1/4" | 1/2" X 2-1/4" | Plow bolts, no lock washer, regular nut |
| 3/4" Case IH Vibra shank without seed boot                        | 1/2" x 1-3/4" | 1/2" x 1-3/4" | Plow bolts, no lock washer, regular nut |

NOTES: 1) All Bourgault sweeps come with 1/2" holes. Shanks with 3/8" and 7/16" holes require special oversize (O/S) head plow bolts. 2) When bolting a seed boot, usually it is the bottom bolt which bolts the seed boot to the shank; the top bolt should remain the same length as listed above. If the seed boot cross section at the point the bolt goes through is 1/8" thick or less, use the same bolt length as above without the lock washer. If the seed boot cross section at the point the bolt goes through is greater than 1/8", increase bolt length by adding the measured cross section of the seed boot at the point the bolt goes through to the above lengths.