

DRIVE COUPLERS

Steel-Flex Drive Couplers

NI's original disk coupler. The Steel-Flex features a unique heavy-duty drive disk that tolerates misalignment and absorbs shock from motor starts; adding life to gearboxes.

- Features a sunlight resistant, reinforced PVC disk.
- Round end is split to tighten on worn shafts – adds life to old shafts.
- Fits virtually all irrigation system drive lines.
- Supplied with grade 5 bolts; prepackaged for easy assembly.
- Coupler ends are made of high tensile American steel and feature a high quality industrial coating.
- Coupler ends are precision welded, robotically – provides consistent quality.

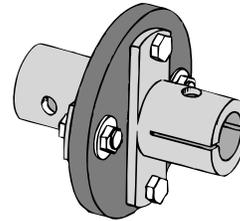
Important: For safety always shield drive shafts and couplers. For shields kits, see Drive Line Shields on page 33 later in this section.



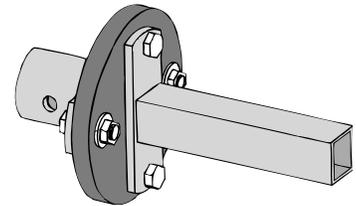
Steel-Flex Drive Coupler w/ Large Diameter Disk



Steel-Flex Drive Coupler w/ Small Diameter Disk



Typically 5" overall length



Typically 7" to 9" overall length with extended end

Made in the U.S.A.

Steel-Flex Coupler Selection Chart

| NI Part Number Disk Diameter | | Round End | Square End | Overall Length |
|---------------------------------|---------|-----------|------------|----------------|
| Large | Small | | | |
| 42038 | 42038s | 1" | 3/4" | 5" |
| 42052 | 42052s | 1" | 3/4" | 7" |
| 42054 | 42054s | 1" | 3/4" | 9" |
| 42023 | 42023s | 1" | 7/8" | 5" |
| 42050 | 42050s | 1" | 7/8" | 7" |
| 42037 | 42037s | 1" | 7/8" | 9" |
| 42090 | 42090s | 1" | 1" | 5" |
| 42093 | 42093s | 1" | 1" | 7" |
| 42014 | 42014s | 1" | 1" | 9" |
| 420179 | 420179s | 1" | 1-1/8" | 7" |
| 42094 | 42094s | 1" | 1-1/8" | 9" |
| 42060 | 42060s | 1" w/key | 3/4" | 5" |
| 42011 | 42011s | 1" w/key | 3/4" | 7" |
| 42074 | 42074s | 1" w/key | 3/4" | 9" |
| 42013 | 42013s | 1" w/key | 7/8" | 5" |
| 42034 | 42034s | 1" w/key | 7/8" | 7" |
| 42021 | 42021s | 1" w/key | 7/8" | 9" |
| 42056 | 42056s | 1" w/key | 1" | 5" |
| 42091 | 42091s | 1" w/key | 1" | 7" |
| 42068 | 42068s | 1" w/key | 1" | 9" |
| 42058 | 42058s | 1" w/key | 1-1/8" | 7" |
| 42087 | 42087s | 1" w/key | 1-1/8" | 9" |
| 42051 | 42051s | 1-1/8" | 3/4" | 5" |
| 42029 | 42029s | 1-1/8" | 3/4" | 7" |
| 42041 | 42041s | 1-1/8" | 3/4" | 9" |
| 42086 | 42086s | 1-1/8" | 7/8" | 5" |
| 42032 | 42032s | 1-1/8" | 7/8" | 7" |
| 42042 | 42042s | 1-1/8" | 7/8" | 9" |
| 42075 | 42075s | 1-1/8" | 1" | 5" |
| 42063 | 42063s | 1-1/8" | 1" | 7" |
| 42071 | 42071s | 1-1/8" | 1" | 9" |
| 42025 | 42025s | 1-1/8" | 1-1/8" | 7" |
| 42047 | 42047s | 1-1/8" | 1-1/8" | 9" |

Steel-Flex Coupler Parts

| NI Part Number Disk Diameter | | Description |
|---------------------------------|---------|--|
| Large | Small | |
| 47002 | ---- | Disk, PVC, Heavy-Duty, Large Dia., 4-9/16" |
| ---- | 47002s | Disk, PVC, Heavy-Duty, Small Dia., 3-3/4" |
| 47002-5 | ---- | Disk, PVC, Heavy-Duty, 5" Dia., Northwest Style |
| 20014 | 20014 | Bolt Kit, Steel Flex |
| 42081 | 42081s | 1" Round / Split x 2" |
| 420152 | 420152s | 1" Round w/ Keyway x 2" |
| 42015 | 42015s | 3/4" Square x 2" |
| 42096 | 42096s | 3/4" Square x 4" |
| 42036 | 42036s | 3/4" Square x 6" |
| 420106 | 420106s | 3/4" Square x 4" Solid End |
| 42040 | 42040s | 7/8" Square x 2" |
| 42089 | 42089s | 7/8" Square x 4" |
| 42001 | 42001s | 7/8" Square x 6" |
| 42080 | 42080s | 1" Square x 2" |
| 42020 | 42020s | 1" Square x 4" |
| 42016 | 42016s | 1" Square x 6" |
| 42064 | 42064s | 1-1/8" Round x 2" |
| 42085 | 42085s | 1-1/8" Square x 4" |
| 42069 | 42069s | 1-1/8" Square x 6" |
| For Pringle Systems: | | |
| 420144 | ---- | Pringle Complete, 1-1/8" Round w/ Keyway x 1" Rd w/ KW |
| 420153 | ---- | 1-1/8" Round w/ Keyway, End only, Pringle |
| 42006 | ---- | 1" Rd w/ KW, End only, Pringle |