



Fittings for Spiral Hose



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Due to our continuous product and range development we reserve the right to alter the specification without prior notice.

We welcome any feedback re suspected errors or omissions to the information enclosed. We can be contacted via email hspicer@hardyspicer.com.au

Or via Ph 03 9794 1900 or Fax 03 9706 9928

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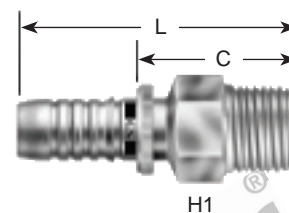
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Male Pipe (NPTF – 30° Cone Seat)

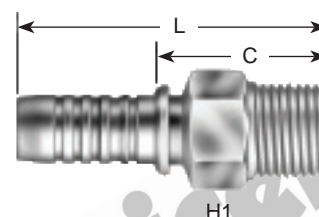
GlobalSpiral Couplings - Suits EFG3K, EFG4K, EFG5K, EFG6K



| Hardy Spicer Part Number | Gates Desc. | Gates Part Number | Hose ID | | Thread Size | H1 | L | C |
|--------------------------|-------------|-------------------|---------|------|--------------|--------|-------|------|
| | | | inch | mm | | inch | mm | mm |
| GSNM-06-06 | 6GS-6MP | 7347-20145 | 3/8 | 9.5 | 3/8-18 | 11/16 | 69.0 | 33.2 |
| GSNM-08-06 | 6GS-8MP | 7347-20155 | 3/8 | 9.5 | 1/2-14 | 7/8 | 73.0 | 37.1 |
| GSNM-08-08 | 8GS-8MP | 7347-20245 | 1/2 | 12.7 | 1/2-14 | 7/8 | 74.0 | 36.5 |
| GSNM-12-08¥ | 8GS-12MP | 7347-20265 | 1/2 | 12.7 | 3/4-14 | 1 1/16 | 77.0 | 39.5 |
| GSNM-08-10¥ | 10GS-8MP | 7347-20335 | 5/8 | 15.8 | 1/2-14 | 15/16 | 87.0 | 36.7 |
| GSNM-12-10¥ | 10GS-12MP | 7347-20355 | 5/8 | 15.8 | 3/4-14 | 1 1/8 | 91.0 | 40.7 |
| GSNM-12-12 | 12GS-12MP | 7347-20445 | 3/4 | 19.1 | 3/4-14 | 1 1/16 | 90.0 | 39.0 |
| GSNM-16-12¥ | 12GS-16MP | 7347-20465 | 3/4 | 19.1 | 1-11 1/2 | 1 3/8 | 97.0 | 46.0 |
| GSNM-12-16¥ | 16GS-12MP | 7347-20535 | 1 | 25.4 | 3/4-14 | 1 3/8 | 101.0 | 44.2 |
| GSNM-16-16 | 16GS-16MP | 7347-20555 | 1 | 25.4 | 1-11 1/2 | 1 3/8 | 106.0 | 49.2 |
| GSNM-20-16¥ | 16GS-20MP | 7347-20565 | 1 | 25.4 | 1 1/4-11 1/2 | 1 3/4 | 109.0 | 52.2 |
| GSNM-20-20 | 20GS-20MP | 7347-20645 | 1 1/4 | 31.7 | 1 1/4-11 1/2 | 1 3/4 | 127.0 | 55.8 |

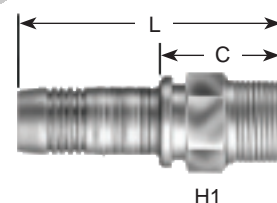
¥ Coupling pricing & availability on request.

PCS Couplings - Suits G3K, C12



| Hardy Spicer Part Number | Gates Desc. | Gates Part Number | Hose ID | | Thread Size | H1 | L | C |
|--------------------------|-------------|-------------------|---------|------|--------------|-------|-------|------|
| | | | inch | mm | | inch | mm | mm |
| PCSNM-24-24 | 24PCS-24MP | 7342-00045 | 1-1/2 | 38.1 | 1-1/2-11-1/2 | 2 | 130.6 | 59.4 |
| PCSNM-32-32 | 32PCS-32MP | 7342-00055 | 2 | 50.8 | 2-11-1/2 | 2-1/2 | 149.1 | 59.2 |

PCM Couplings - Suits G5K, G6K



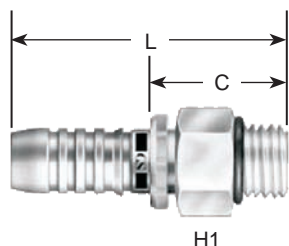
| Hardy Spicer Part Number | Gates Desc. | Gates Part Number | Hose ID | | Thread Size | H1 | L | C |
|--------------------------|-------------|-------------------|---------|------|--------------|-------|-------|------|
| | | | inch | mm | | inch | mm | mm |
| PCMNM-24-24 | 24PCM-24MP | 7343-00075 | 1-1/2 | 38.1 | 1-1/2-11-1/2 | 2 | 146.3 | 56.6 |
| PCMNM-32-32 | 32PCM-32MP | 7343-00095 | 2 | 50.8 | 2-11-1/2 | 2-1/2 | 157.7 | 60.5 |

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Male O-Ring Boss



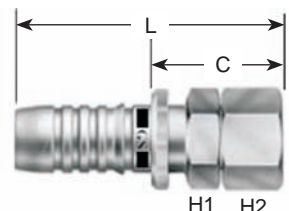
GlobalSpiral Couplings - Suits EFG3K, EFG4K, EFG5K, EFG6K

SAE J1926/2 ISO 11926-2 Heavy Duty (S Series) Stud End.

| Hardy Spicer Part Number | Gates Desc. | Gates Part Number | Hose ID | | Thread Size | H1 | L | C |
|--------------------------|-------------|-------------------|---------|------|-------------|-------|-------|------|
| | | | inch | mm | | inch | mm | mm |
| GSUM-09-06¥ | 6GS-6MB | 7347-21145 | 3/8 | 9.5 | 9/16-18 | 11/16 | 65.0 | 29.2 |
| GSUM-12-08¥ | 8GS-8MB | 7347-21245 | 1/2 | 12.7 | 3/4-16 | 7/8 | 70.0 | 32.6 |
| GSUM-14-08¥ | 8GS-10MB | 7347-21255 | 1/2 | 12.7 | 7/8-14 | 1 | 72.0 | 34.5 |
| GSUM-14-10¥ | 10GS-10MB | 7347-21345 | 5/8 | 15.8 | 7/8-14 | 1 | 88.0 | 37.7 |
| GSUM-17-10¥ | 10GS-12MB | 7347-21355 | 5/8 | 15.8 | 1 1/16-12 | 1 1/4 | 88.0 | 37.7 |
| GSUM-17-12¥ | 12GS-12MB | 7347-21445 | 3/4 | 19.1 | 1 1/16-12 | 1 1/4 | 93.0 | 42.0 |
| GSUM-21-12¥ | 12GS-16MB | 7347-21465 | 3/4 | 19.1 | 1 5/16-12 | 1 1/2 | 90.0 | 39.0 |
| GSUM-17-16¥ | 16GS-12MB | 7347-21535 | 1 | 25.4 | 1 1/16-12 | 1 3/8 | 101.0 | 44.2 |
| GSUM-21-16¥ | 16GS-16MB | 7347-21555 | 1 | 25.4 | 1 5/16-12 | 1 1/2 | 98.0 | 41.2 |
| GSUM-26-20¥ | 20GS-20MB | 7347-21645 | 1 1/4 | 31.7 | 1 5/8-12 | 1 7/8 | 115.0 | 43.9 |

¥ Coupling pricing & availability on request.

Female MegaSeal® Swivel



GlobalSpiral Couplings - Suits EFG3K, EFG4K, EFG5K, EFG6K

Gates High Performance Replacement for Female JIC Fittings
Connects to Standard Male JIC Termination.

| Hardy Spicer Part Number | Gates Desc. | Gates Part Number | Hose ID | | Thread Size | H1 | H2 | L | C |
|--------------------------|-------------|-------------------|---------|------|-------------|-------|-------|-------|------|
| | | | inch | mm | | inch | inch | mm | mm |
| GSJFMS-17-12¥ | 12GS-12FMX | 7347-69445 | 3/4 | 19.1 | 1 1/16-12 | 1 1/8 | 1 1/4 | 102.0 | 51.3 |
| GSJFMS-21-12¥ | 12GS-16FMX | 7347-69465 | 3/4 | 19.1 | 1 5/16-12 | 1 1/8 | 1 1/2 | 103.2 | 52.2 |
| GSJFMS-21-16¥ | 16GS-16FMX | 7347-69555 | 1 | 25.4 | 1 5/16-12 | 1 1/2 | 1 1/2 | 111.0 | 54.5 |
| GSJFMS-26-20¥ | 20GS-20FMX | 7347-69645 | 1 1/4 | 31.7 | 1 5/8-12 | 1 7/8 | 2 | 136.1 | 65.0 |

¥ Coupling pricing & availability on request.

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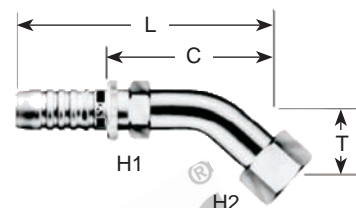
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Female MegaSeal® Swivel – 45° Bent Tube

GlobalSpiral Couplings - Suits EFG3K, EFG4K, EFG5K, EFG6K

Gates High Performance Replacement for Female JIC Fittings
Connects to Standard Male JIC Termination.



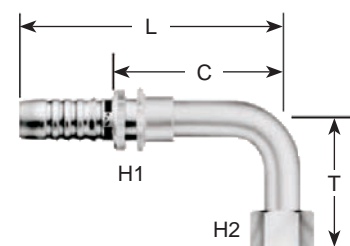
| Hardy Spicer Part Number | Gates Desc. | Gates Part Number | Hose ID | | Thread Size | H1 | H2 | T | L | C |
|-----------------------------|------------------|----------------------|---------|------|-------------|-------|-------|------|-------|-------|
| | | | inch | mm | | inch | inch | mm | mm | mm |
| GSJFMS45-17-12¥ | 12GS-12FMX45-032 | 7347-73275 | 3/4 | 19.1 | 1 1/16-12 | 1 1/8 | 1 1/4 | 32.0 | 129.0 | 78.0 |
| GSJFMS45-21-16¥ | 16GS-16FMX45-038 | 7347-70555 | 1 | 25.4 | 1 5/16-12 | 1 1/2 | 1 1/2 | 38.0 | 159.0 | 102.6 |

¥ Coupling pricing & availability on request.

Female MegaSeal® Swivel – 90° Bent Tube

GlobalSpiral Couplings - Suits EFG3K, EFG4K, EFG5K, EFG6K

Gates High Performance Replacement for Female JIC Fittings
Connects to Standard Male JIC Termination.



| Hardy Spicer Part Number | Gates Desc. | Gates Part Number | Hose ID | | Thread Size | H1 | H2 | T | L | C |
|-----------------------------|------------------|----------------------|---------|------|-------------|-------|-------|------|-------|------|
| | | | inch | mm | | inch | inch | mm | mm | mm |
| GSJFMS90S-17-12¥ | 12GS-12FMX90-048 | 7347-71445 | 3/4 | 19.1 | 1 1/16-12 | 1 1/8 | 1 1/4 | 48.0 | 120.0 | 69.0 |
| GSJFMS90-17-12¥ | 12GS-12FMX90-058 | 7347-71395 | 3/4 | 19.1 | 1 1/16-12 | 1 1/8 | 1 1/4 | 58.0 | 120.0 | 69.0 |
| GSJFMS90L-17-12¥ | 12GS-12FMX90-096 | 7347-71405 | 3/4 | 19.1 | 1 1/16-12 | 1 1/8 | 1 1/4 | 96.0 | 120.0 | 69.0 |
| GSJFMS90-21-12¥ | 12GS-16FMX90-056 | 7347-71465 | 3/4 | 19.1 | 1 5/16-12 | 1 1/8 | 1 1/2 | 56.0 | 137.0 | 86.0 |
| GSJFMS90-21-16¥ | 16GS-16FMX90-056 | 7347-71555 | 1 | 25.4 | 1 5/16-12 | 1 1/2 | 1 1/2 | 56.0 | 144.0 | 87.6 |
| GSJFMS90L-21-16¥ | 16GS-16FMX90-071 | 7347-71505 | 1 | 25.4 | 1 5/16-12 | 1 1/2 | 1 1/2 | 71.0 | 144.0 | 87.6 |

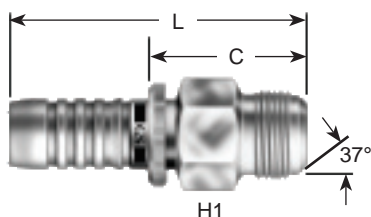
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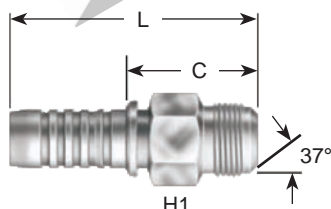
Male JIC 37° Flare



GlobalSpiral Couplings - Suits EFG3K, EFG4K, EFG5K, EFG6K

| Hardy Spicer Part Number | Gates Desc. | Gates Part Number | Hose ID | | Thread Size | H1 | L | C |
|--------------------------|-------------|-------------------|---------|------|-------------|--------|-------|------|
| | | | inch | mm | | inch | mm | mm |
| GSJM-09-06 | 6GS-6MJ | 7347-22145 | 3/8 | 9.5 | 9/16-18 | 11/16 | 66.0 | 30.2 |
| GSJM-12-06 | 6GS-8MJ | 7347-22155 | 3/8 | 9.5 | 3/4-16 | 13/16 | 70.0 | 34.2 |
| GSJM-14-06 | 6GS-10MJ | 7347-22165 | 3/8 | 9.5 | 7/8-14 | 15/16 | 77.0 | 41.2 |
| GSJM-12-08 | 8GS-8MJ | 7347-22245 | 1/2 | 12.7 | 3/4-16 | 13/16 | 72.0 | 34.5 |
| GSJM-14-08 | 8GS-10MJ | 7347-22255 | 1/2 | 12.7 | 7/8-14 | 7/8 | 75.0 | 37.5 |
| GSJM-14-10 | 10GS-10MJ | 7347-22345 | 5/8 | 15.8 | 7/8-14 | 15/16 | 92.0 | 41.7 |
| GSJM-17-10 | 10GS-12MJ | 7347-22355 | 5/8 | 15.8 | 1 1/16-12 | 1 1/16 | 94.0 | 43.7 |
| GSJM-17-12 | 12GS-12MJ | 7347-22445 | 3/4 | 19.1 | 1 1/16-12 | 1 1/8 | 93.0 | 42.0 |
| GSJM-19-12 | 12GS-14MJ | 7347-22455 | 3/4 | 19.1 | 1 3/16-12 | 1 1/4 | 94.0 | 43.0 |
| GSJM-21-12 | 12GS-16MJ | 7347-22465 | 3/4 | 19.1 | 1 5/16-12 | 1 5/16 | 96.0 | 45.0 |
| GSJM-21-16 | 16GS-16MJ | 7347-22555 | 1 | 25.4 | 1 5/16-12 | 1 3/8 | 104.0 | 47.2 |
| GSJM-26-16¥ | 16GS-20MJ | 7347-22585 | 1 | 25.4 | 1 5/8-12 | 1 5/8 | 108.5 | 51.7 |
| GSJM-26-20 | 20GS-20MJ | 7347-22645 | 1 1/4 | 31.7 | 1 5/8-12 | 1 3/4 | 125.0 | 53.9 |

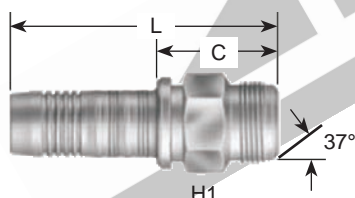
¥ Coupling pricing & availability on request.



PCS Couplings - Suits G3K, C12

| Hardy Spicer Part Number | Gates Desc. | Gates Part Number | Hose ID | | Thread Size | H1 | L | C |
|--------------------------|-------------|-------------------|---------|------|-------------|-------|-------|------|
| | | | inch | mm | | inch | mm | mm |
| PCSJM-26-24¥ | 24PCS-20MJ | 7342-03065 | 1-1/2 | 38.1 | 1-5/8-12 | 2 | 125.0 | 53.8 |
| PCSJM-30-24 | 24PCS-24MJ | 7342-03105 | 1-1/2 | 38.1 | 1-7/8-12 | 2 | 128.0 | 56.9 |
| PCSJM-30-32¥ | 32PCS-24MJ | 7342-03075 | 2 | 50.8 | 1-7/8-12 | 2 | 150.6 | 60.5 |
| PCSJM-40-32¥ | 32PCS-32MJ | 7342-03095 | 2 | 50.8 | 2-1/2-12 | 2-5/8 | 156.0 | 65.8 |

¥ Coupling pricing & availability on request.



PCM Couplings - Suits G5K, G6K

| Hardy Spicer Part Number | Gates Desc. | Gates Part Number | Hose ID | | Thread Size | H1 | L | C |
|--------------------------|-------------|-------------------|---------|------|-------------|-------|-------|------|
| | | | inch | mm | | inch | mm | mm |
| PCMJM-30-24 | 24PCM-24MJ | 7343-00315 | 1-1/2 | 31.8 | 1-7/8-12 | 2 | 148.3 | 58.9 |
| PCMJM-40-32¥ | 32PCM-32MJ | 7343-00325 | 2 | 50.8 | 2-1/2-12 | 2-5/8 | 166.6 | 69.6 |

¥ Coupling pricing & availability on request.

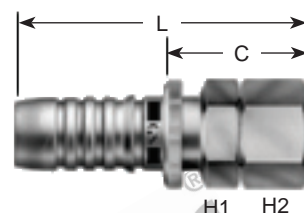
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Female JIC 37° Flare Swivel

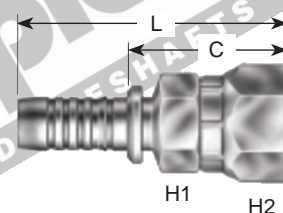
GlobalSpiral Couplings - Suits EFG3K, EFG4K, EFG5K, EFG6K



| Hardy Spicer Part Number | Gates Desc. | Gates Part Number | Hose ID | | Thread Size | H1 | H2 | L | C |
|--------------------------|-------------|-------------------|---------|------|-------------|--------|--------|-------|------|
| | | | inch | mm | | inch | inch | mm | mm |
| GSJF-09-06 | 6GS-6FJX | 7347-24145 | 3/8 | 9.5 | 9/16-18 | 3/4 | 3/4 | 69.0 | 33.2 |
| GSJF-12-06 | 6GS-8FJX | 7347-24155 | 3/8 | 9.5 | 3/4-16 | 3/4 | 7/8 | 71.0 | 35.2 |
| GSJF-12-08 | 8GS-8FJX | 7347-24245 | 1/2 | 12.7 | 3/4-16 | 7/8 | 7/8 | 72.0 | 34.5 |
| GSJF-14-08 | 8GS-10FJX | 7347-24255 | 1/2 | 12.7 | 7/8-14 | 7/8 | 1 1/16 | 75.9 | 38.4 |
| GSJF-17-08 | 8GS-12FJX | 7347-24265 | 1/2 | 12.7 | 1 1/16-12 | 7/8 | 1 1/4 | 77.0 | 39.5 |
| GSJF-14-10 | 10GS-10FJX | 7347-24345 | 5/8 | 15.8 | 7/8-14 | 1 | 1 1/16 | 93.5 | 43.2 |
| GSJF-17-10 | 10GS-12FJX | 7347-24355 | 5/8 | 15.8 | 1 1/16-12 | 1 | 1 1/4 | 95.0 | 44.7 |
| GSJF-14-12 | 12GS-10FJX | 7347-24435 | 3/4 | 19.1 | 7/8-14 | 1 1/16 | 1 1/8 | 98.4 | 47.4 |
| GSJF-17-12 | 12GS-12FJX | 7347-24445 | 3/4 | 19.1 | 1 1/16-12 | 1 1/8 | 1 1/4 | 98.2 | 47.0 |
| GSJF-19-12¥ | 12GS-14FJX | 7347-24455 | 3/4 | 19.1 | 1 3/16-12 | 1 1/8 | 1 3/8 | 103.2 | 52.2 |
| GSJF-21-12 | 12GS-16FJX | 7347-24465 | 3/4 | 19.1 | 1 5/16-12 | 1 1/4 | 1 1/2 | 102.0 | 51.0 |
| GSJF-17-16 | 16GS-12FJX | 7347-24535 | 1 | 25.4 | 1 1/16-12 | 1 3/8 | 1 3/8 | 107.5 | 50.7 |
| GSJF-19-16¥ | 16GS-14FJX | 7347-24545 | 1 | 25.4 | 1 3/16-12 | 1 3/8 | 1 1/2 | 107.9 | 51.1 |
| GSJF-21-16 | 16GS-16FJX | 7347-24555 | 1 | 25.4 | 1 5/16-12 | 1 1/2 | 1 1/2 | 109.2 | 52.8 |
| GSJF-26-16 | 16GS-20FJX | 7347-24565 | 1 | 25.4 | 1 5/8-12 | 1 1/2 | 2 | 115.0 | 58.6 |
| GSJF-21-20¥ | 20GS-16FJX | 7347-24635 | 1 1/4 | 31.7 | 1 5/16-12 | 1 3/4 | 1 5/8 | 129.0 | 57.9 |
| GSJF-26-20 | 20GS-20FJX | 7347-24645 | 1 1/4 | 31.7 | 1 5/8-12 | 1 7/8 | 2 | 136.0 | 64.9 |
| GSJF-30-20 | 20GS-24FJX | 7347-24655 | 1 1/4 | 31.7 | 1 7/8-12 | 1 7/8 | 2 3/8 | 137.0 | 65.9 |

¥ Coupling pricing & availability on request.

PCS Couplings - Suits G3K, C12



| Hardy Spicer Part Number | Gates Desc. | Gates Part Number | Hose ID | | Thread Size | H1 | H2 | L | C |
|--------------------------|-------------|-------------------|---------|------|-------------|---------|-------|-------|------|
| | | | inch | mm | | inch | inch | mm | mm |
| PCSJF-30-24 | 24PCS-24FJX | 7342-02055 | 1-1/2 | 38.1 | 1-7/8-12 | 1-13/16 | 2-3/8 | 137.9 | 66.8 |
| PCSJF-40-24¥ | 24PCS-32FJX | 7342-02155 | 1-1/2 | 38.1 | 2-1/2-12 | 2-1/2 | 3 | 147.1 | 75.9 |
| PCSJF-40-32 | 32PCS-32FJX | 7342-02095 | 2 | 50.8 | 2-1/2-12 | 2-1/2 | 3 | 167.6 | 77.7 |

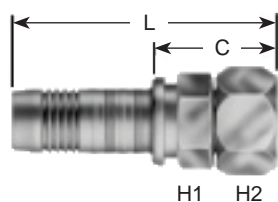
¥ Coupling pricing & availability on request.

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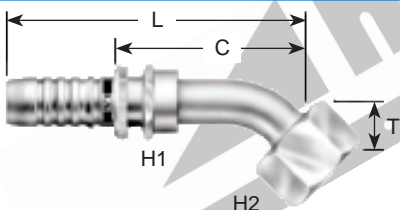
Female JIC 37° Flare Swivel Cont.



PCM Couplings - Suits G5K, G6K

| Hardy Spicer Part Number | Gates Desc. | Gates Part Number | Hose ID | | Thread Size | H1 | H2 | L | C |
|--------------------------|-------------|-------------------|---------|------|-------------|---------|-------|-------|------|
| | | | inch | mm | | inch | inch | mm | mm |
| PCMJF-30-24 | 24PCM-24FJX | 7343-00545 | 1-1/2 | 38.1 | 1-7/8-12 | 1-13/16 | 2-3/8 | 158.8 | 69.1 |
| PCMJF-40-32 | 32PCM-32FJX | 7343-00685 | 2 | 50.8 | 2-1/2-12 | 2-1/2 | 3 | 177.8 | 79.6 |

Female JIC 37° Flare Swivel – 30° Bent Tube



GlobalSpiral Couplings - Suits EFG3K, EFG4K, EFG5K, EFG6K

S, M, and L Drops per ISO Final Draft International Standard 12151-S.

| Hardy Spicer Part Number | Gates Desc. | Gates Part Number | Hose ID | | Thread Size | H1 | H2 | T | L | C |
|--------------------------|---------------|-------------------|---------|------|-------------|-------|-------|------|-------|------|
| | | | inch | mm | | inch | inch | mm | mm | mm |
| GSJF30-21-16¥ | 16GS-16FJX30M | 7347-73055 | 1 | 25.4 | 1 5/16-12 | 1 1/2 | 1 1/2 | 27.0 | 153.0 | 96.6 |

¥ Coupling pricing & availability on request.

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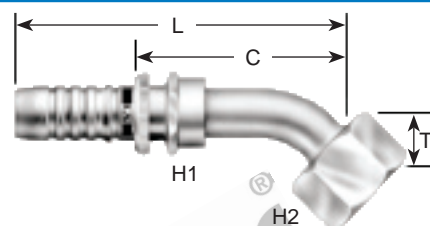
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Female JIC 37° Flare Swivel – 45° Bent Tube

GlobalSpiral Couplings - Suits EFG3K, EFG4K, EFG5K, EFG6K

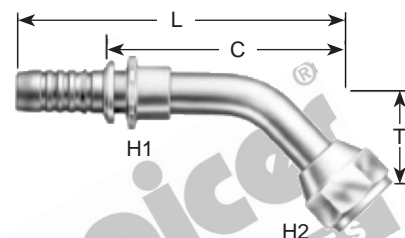
S, M, and L Drops per ISO Final Draft International Standard 12151-S.



| Hardy Spicer Part Number | Gates Desc. | Gates Part Number | Hose ID | | Thread Size | H1 | H2 | T | L | C |
|--------------------------|------------------|-------------------|---------|------|-------------|-------|--------|------|-------|-------|
| | | | inch | mm | | inch | inch | mm | mm | mm |
| GSJF45-09-06 | 6GS-6FJX45S | 7347-25145 | 3/8 | 9.5 | 9/16-18 | 3/4 | 3/4 | 11.0 | 82.0 | 46.2 |
| GSJF45-12-06 | 6GS-8FJX45S | 7347-25155 | 3/8 | 9.5 | 3/4-16 | 3/4 | 7/8 | 15.0 | 93.0 | 57.2 |
| GSJF45-12-08 | 8GS-8FJX45S | 7347-25245 | 1/2 | 12.7 | 3/4-16 | 7/8 | 7/8 | 15.0 | 94.0 | 56.5 |
| GSJF45-12-08 | 8GS-8FJX45M | 7347-25245 | 1/2 | 12.7 | 3/4-16 | 7/8 | 7/8 | 18.0 | 97.0 | 59.6 |
| GSJF45-14-08 | 8GS-10FJX45S | 7347-25255 | 1/2 | 12.7 | 7/8-14 | 7/8 | 1 1/16 | 16.0 | 91.0 | 53.5 |
| GSJF45-14-10 | 10GS-10FJX45S | 7347-25345 | 5/8 | 15.8 | 7/8-14 | 1 | 1 1/16 | 16.0 | 111.0 | 60.7 |
| GSJF45-17-10 | 10GS-12FJX45S | 7347-25355 | 5/8 | 15.8 | 1 1/16-12 | 1 | 1 1/4 | 21.0 | 122.0 | 71.7 |
| GSJF45-17-12 | 12GS-12FJX45S | 7347-25445 | 3/4 | 19.1 | 1 1/16-12 | 1 1/8 | 1 1/4 | 21.0 | 130.0 | 79.0 |
| GSJF45-21-12 | 12GS-16FJX45S | 7347-25465 | 3/4 | 19.1 | 1 5/16-12 | 1 1/8 | 1 1/2 | 24.0 | 137.0 | 86.0 |
| GSJF45-21-16 | 16GS-16FJX45S | 7347-25555 | 1 | 25.4 | 1 5/16-12 | 1 1/2 | 1 1/2 | 24.0 | 152.0 | 95.7 |
| GSJF45L-21-16¥ | 16GS-16FJX45M | 7347-26555 | 1 | 25.4 | 1 5/16-12 | 1 1/2 | 1 1/2 | 38.0 | 160.0 | 103.6 |
| GSJF45-26-16¥ | 16GS-20FJX45S | 7347-25565 | 1 | 25.4 | 1 5/8-12 | 1 1/2 | 2 | 25.0 | 164.0 | 107.6 |
| GSJF45-26-20 | 20GS-20FJX45-038 | 7347-76175 | 1 1/4 | 31.7 | 1 5/8-12 | 1 7/8 | 2 | 38.0 | 180.0 | 108.9 |

¥ Coupling pricing & availability on request.

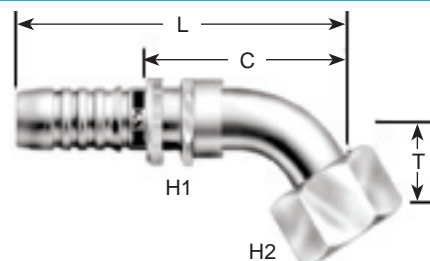
PCS Couplings - Suits G3K, C12



| Hardy Spicer Part Number | Gates Desc. | Gates Part Number | Hose ID | | Thread Size | H2 | T | L | C |
|--------------------------|----------------|-------------------|---------|------|-------------|-------|------|-------|--------|
| | | | inch | mm | | inch | mm | mm | mm |
| PCSJF45-30-24 | 24PCS-24FJX45M | 7342-00455 | 1-1/2 | 38.1 | 1-7/8-12 | 2-3/8 | 50.8 | 229.1 | 158.00 |

Female JIC 37° Flare Swivel – 60° Bent Tube

GlobalSpiral Couplings - Suits EFG3K, EFG4K, EFG5K, EFG6K



| Hardy Spicer Part Number | Gates Desc. | Gates Part Number | Hose ID | | Thread Size | H1 | H2 | T | L | C |
|--------------------------|------------------|-------------------|---------|------|-------------|-------|-------|------|-------|------|
| | | | inch | mm | | inch | inch | mm | mm | mm |
| GSJF60-17-12¥ | 12GS-12FJX60-043 | 7347-76795 | 3/4 | 19.1 | 1 1/16-12 | 1 1/8 | 1 1/4 | 43.0 | 142.0 | 91.0 |

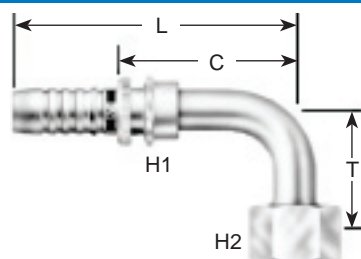
¥ Coupling pricing & availability on request.

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Female JIC 37° Flare Swivel – 90° Bent Tube

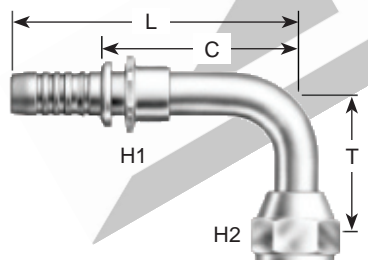


GlobalSpiral Couplings - Suits EFG3K, EFG4K, EFG5K, EFG6K

S, M, and L Drops per ISO Final Draft International Standard 12151-S.

| Hardy Spicer Part Number | Gates Desc. | Gates Part Number | Hose ID | | Thread Size | H1 | H2 | T | L | C |
|--------------------------|------------------|-------------------|---------|------|-------------|-------|--------|-------|-------|-------|
| | | | inch | mm | | inch | inch | mm | mm | mm |
| GSJF90-09-06 | 6GS-6FJX90S | 7347-27145 | 3/8 | 9.5 | 9/16-18 | 3/4 | 3/4 | 23.0 | 79.0 | 43.2 |
| GSJF90L-09-06¥ | 6GS-6FJX90L | 7347-29145 | 3/8 | 9.5 | 9/16-18 | 3/4 | 3/4 | 54.0 | 86.0 | 50.2 |
| GSJF90-12-06 | 6GS-8FJX90M | 7347-28155 | 3/8 | 9.5 | 3/4-16 | 3/4 | 7/8 | 41.0 | 91.0 | 55.2 |
| GSJF90L-12-06¥ | 6GS-8FJX90-083 | 7347-76785 | 3/8 | 9.5 | 3/4-16 | 3/4 | 7/8 | 83.0 | 91.0 | 55.2 |
| GSJF90S-12-08¥ | 8GS-8FJX90S | 7347-27245 | 1/2 | 12.7 | 3/4-16 | 7/8 | 7/8 | 29.0 | 86.0 | 48.6 |
| GSJF90-12-08 | 8GS-8FJX90M | 7347-28245 | 1/2 | 12.7 | 3/4-16 | 7/8 | 7/8 | 41.0 | 92.0 | 54.6 |
| GSJF90L-12-08¥ | 8GS-8FJX90L | 7347-29245 | 1/2 | 12.7 | 3/4-16 | 7/8 | 7/8 | 64.0 | 92.0 | 54.6 |
| GSJF90XL-12-08¥ | 8GS-8FJX90-103 | 7347-73065 | 1/2 | 12.7 | 3/4-16 | 7/8 | 7/8 | 103.0 | 92.0 | 54.6 |
| GSJF90-14-08 | 8GS-10FJX90S | 7347-27255 | 1/2 | 12.7 | 7/8-14 | 7/8 | 1 1/16 | 32.0 | 92.0 | 54.5 |
| GSJF90-14-08 | 8GS-10FJX90M | 7347-28165 | 1/2 | 12.7 | 7/8-14 | 7/8 | 1 1/16 | 47.0 | 89.0 | 51.0 |
| GSJF90L-14-08¥ | 8GS-10FJX90L | 7347-29255 | 1/2 | 12.7 | 7/8-14 | 7/8 | 1 1/16 | 70.0 | 89.0 | 51.5 |
| GSJF90-17-08 | 8GS-12FJX90S | 7347-27265 | 1/2 | 12.7 | 1 1/16-12 | 7/8 | 1 1/4 | 48.0 | 111.0 | 73.5 |
| GSJF90-14-10 | 10GS-10FJX90S | 7347-27345 | 5/8 | 15.8 | 7/8-14 | 1 | 1 1/16 | 32.0 | 107.0 | 56.8 |
| GSJF90-17-10 | 10GS-12FJX90M | 7347-28355 | 5/8 | 15.8 | 1 1/16-12 | 1 | 1 1/4 | 58.0 | 121.0 | 70.7 |
| GSJF90S-17-12¥ | 12GS-12FJX90S | 7347-27445 | 3/4 | 19.1 | 1 1/16-12 | 1 1/8 | 1 1/4 | 48.0 | 113.0 | 62.0 |
| GSJF90-17-12 | 12GS-12FJX90M | 7347-28445 | 3/4 | 19.1 | 1 1/16-12 | 1 1/8 | 1 1/4 | 58.0 | 113.0 | 62.0 |
| GSJF90L-17-12¥ | 12GS-12FJX90L | 7347-29445 | 3/4 | 19.1 | 1 1/16-12 | 1 1/8 | 1 1/4 | 96.0 | 113.0 | 62.0 |
| GSJF90-19-12¥ | 12GS-14FJX90-060 | 7347-28455 | 3/4 | 19.1 | 1 3/16-12 | 1 1/8 | 1 3/8 | 60.0 | 141.0 | 90.0 |
| GSJF90S-21-12¥ | 12GS-16FJX90S | 7347-27465 | 3/4 | 19.1 | 1 5/16-12 | 1 1/8 | 1 1/2 | 56.0 | 135.0 | 84.0 |
| GSJF90-21-12 | 12GS-16FJX90M | 7347-28465 | 3/4 | 19.1 | 1 5/16-12 | 1 1/8 | 1 1/2 | 71.0 | 135.0 | 84.0 |
| GSJF90S-21-16¥ | 16GS-16FJX90S | 7347-27555 | 1 | 25.4 | 1 5/16-12 | 1 7/8 | 1 1/2 | 56.0 | 144.0 | 87.6 |
| GSJF90-21-16 | 16GS-16FJX90M | 7347-28555 | 1 | 25.4 | 1 5/16-12 | 1 1/2 | 1 1/2 | 71.0 | 144.0 | 87.6 |
| GSJF90L-21-16¥ | 16GS-16FJX90L | 7347-29555 | 1 | 25.4 | 1 5/16-12 | 1 1/2 | 1 1/2 | 114.0 | 144.0 | 87.6 |
| GSJF90L-26-16¥ | 16GS-20FJX90L | 7347-29565 | 1 | 25.4 | 1 5/8-12 | 1 1/2 | 2 | 129.0 | 154.0 | 97.6 |
| GSJF90S-26-20¥ | 20GS-20FJX90S | 7347-27645 | 1 1/4 | 31.7 | 1 5/8-12 | 1 7/8 | 2 | 64.0 | 174.0 | 102.9 |
| GSJF90-26-20 | 20GS-20FJX90M | 7347-28645 | 1 1/4 | 31.7 | 1 5/8-12 | 1 7/8 | 2 | 78.0 | 174.0 | 102.9 |
| GSJF90L-26-20¥ | 20GS-20FJX90L | 7347-29645 | 1 1/4 | 31.7 | 1 5/8-12 | 1 7/8 | 2 | 129.0 | 174.0 | 102.9 |

¥ Coupling pricing & availability on request.



PCS Couplings - Suits G3K, C12

| Hardy Spicer Part Number | Gates Desc. | Gates Part Number | Hose ID | | Thread Size | H2 | T | L | C |
|--------------------------|---------------|-------------------|---------|------|-------------|-------|------|-------|-------|
| | | | inch | mm | | inch | mm | mm | mm |
| PCSJF90-30-24 | 24PCS-24FJX90 | 7342-04035 | 1 1/2 | 38.1 | 1-7/8-12 | 2 3/8 | 88.9 | 207.5 | 136.4 |

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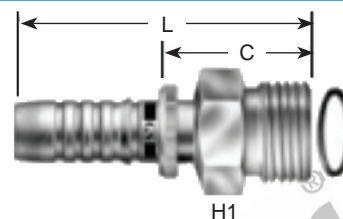
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Male Flat-Face O-Ring

GlobalSpiral Couplings - Suits EFG3K, EFG4K, EFG5K, EFG6K

Utilizes SAE J1453 Captive O-Ring Groove for Improved O-Ring Retention. Metric Hex per ISO Draft International Standard 12151-1. Includes Peroxide-cured O-Ring.



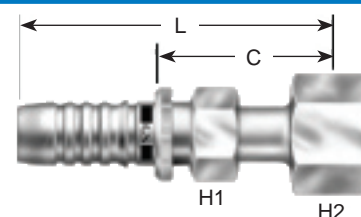
| Hardy Spicer Part Number | Gates Desc. | Gates Part Number | Hose ID | | Thread Size | H1 | L | C |
|--------------------------|--------------|-------------------|---------|-------|-------------|------|-------|------|
| | | | inch | mm | | mm | mm | mm |
| GSORFM-11-06 | 6GS-6MFFOR | 7347-23865 | 3/8 | 9.53 | 11/16-16 | 19.0 | 64.0 | 28.2 |
| GSORFM-13-08 | 8GS-8MFFOR | 7347-23825 | 1/2 | 12.7 | 13/16-16 | 22.0 | 68.0 | 30.5 |
| GSORFM-19-12 | 12GS-12MFFOR | 7347-23835 | 3/4 | 19.05 | 1 3/16-12 | 32.0 | 89.0 | 38.0 |
| GSORFM-23-12¥ | 12GS-16MFFOR | 7347-23845 | 3/4 | 19.05 | 1 7/16-12 | 41.0 | 95.0 | 44.0 |
| GSORFM-23-16 | 16GS-16MFFOR | 7347-23815 | 1 | 25.4 | 1 7/16-12 | 41.0 | 102.0 | 45.2 |
| GSORFM-27-20 | 20GS-20MFFOR | 7347-23855 | 1 1/4 | 31.7 | 1 11/16-12 | 50.0 | 120.0 | 48.9 |

¥ Coupling pricing & availability on request.

Female Flat-Face O-Ring Swivel

GlobalSpiral Couplings - Suits EFG3K, EFG4K, EFG5K, EFG6K

SAE J1453 O-Ring Face Seal. Metric Hex per ISO Draft International Standard 12151-1.



| Hardy Spicer Part Number | Gates Desc. | Gates Part Number | Hose ID | | Thread Size | H1 | H2 | L | C |
|--------------------------|--------------|-------------------|---------|------|-------------|------|------|-------|------|
| | | | inch | mm | | mm | mm | mm | mm |
| GSORF-11-06 | 6GS-6FFORX | 7347-30145 | 3/8 | 9.5 | 11/16-16 | 22.0 | 22.0 | 69.0 | 33.2 |
| GSORF-13-06 | 6GS-8FFORX | 7347-30155 | 3/8 | 9.5 | 13/16-16 | 22.0 | 24.0 | 72.0 | 36.2 |
| GSORF-13-08 | 8GS-8FFORX | 7347-30245 | 1/2 | 12.7 | 13/16-16 | 27.0 | 24.0 | 73.0 | 35.5 |
| GSORF-16-08 | 8GS-10FFORX | 7347-30255 | 1/2 | 12.7 | 1-14 | 27.0 | 30.0 | 78.0 | 40.5 |
| GSORF-19-08 | 8GS-12FFORX | 7347-30265 | 1/2 | 12.7 | 1 3/16-12 | 27.0 | 36.0 | 79.0 | 41.5 |
| GSORF-16-10 | 10GS-10FFORX | 7347-30345 | 5/8 | 15.8 | 1-14 | 30.0 | 30.0 | 94.0 | 43.7 |
| GSORF-16-12 | 12GS-10FFORX | 7347-30435 | 3/4 | 19.1 | 1-14 | 32.0 | 30.0 | 97.0 | 46.0 |
| GSORF-19-12 | 12GS-12FFORX | 7347-30445 | 3/4 | 19.1 | 1 3/16-12 | 32.0 | 36.0 | 99.0 | 48.0 |
| GSORF-23-12 | 12GS-16FFORX | 7347-30465 | 3/4 | 19.1 | 1 7/16-12 | 32.0 | 41.0 | 103.0 | 52.0 |
| GSORF-23-16 | 16GS-16FFORX | 7347-30555 | 1 | 25.4 | 1 7/16-12 | 41.0 | 41.0 | 110.8 | 54.4 |
| GSORF-27-16¥ | 16GS-20FFORX | 7347-30565 | 1 | 25.4 | 1 11/16-12 | 41.0 | 50.0 | 110.7 | 54.3 |
| GSORF-27-20 | 20GS-20FFORX | 7347-30645 | 1 1/4 | 31.7 | 1 11/16-12 | 50.0 | 50.0 | 128.0 | 56.9 |

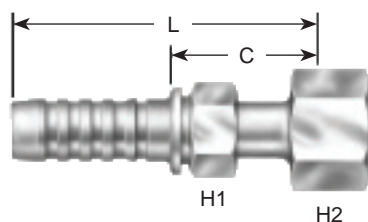
¥ Coupling pricing & availability on request.

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Female Flat-Face O-Ring Swivel

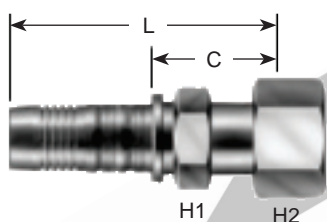


PCS Couplings - Suits G3K, C12

SAE J1453 O-Ring Face Seal

| Hardy Spicer Part Number | Gates Desc. | Gates Part Number | Hose ID | | Thread Size | H1 | H2 | L | C |
|--------------------------|---------------|-------------------|---------|------|-------------|------|-------|-------|------|
| | | | inch | mm | | inch | inch | mm | mm |
| PCSORF-32-24¥ | 24PCS-24FFORX | 7342-01405 | 1-1/2 | 38.1 | 2-12 | 2 | 2-1/4 | 131.3 | 60.2 |

¥ Coupling pricing & availability on request.



PCM Couplings - Suits G5K, G6K

SAE J1453 O-Ring Face Seal

| Hardy Spicer Part Number | Gates Desc. | Gates Part Number | Hose ID | | Thread Size | H1 | H2 | L | C |
|--------------------------|---------------|-------------------|---------|------|-------------|------|-------|-------|------|
| | | | inch | mm | | inch | inch | mm | mm |
| PCMORF-32-24 | 24PCM-24FFORX | 7343-02885 | 1-1/2 | 38.1 | 2-12 | 2 | 2-1/4 | 152.1 | 62.5 |

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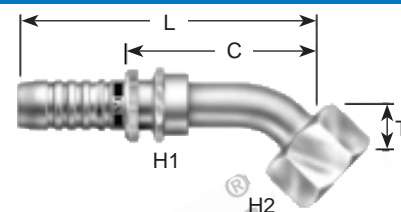
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Female Flat-Face O-Ring Swivel – 45° Bent Tube

GlobalSpiral Couplings - Suits EFG3K, EFG4K, EFG5K, EFG6K

SAE J1453 O-Ring Face Seal. Metric Hex per ISO Draft International Standard 12151-1.

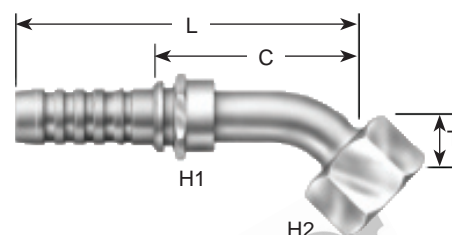


| Hardy Spicer Part Number | Gates Desc. | Gates Part Number | Hose ID | | Thread Size | H1 | H2 | T | L | C |
|--------------------------|--------------------|-------------------|---------|-------|-------------|------|------|------|-------|-------|
| | | | inch | mm | | mm | mm | mm | mm | mm |
| GSORF45-11-06 | 6GS-6FFORX45S | 7347-31145 | 3/8 | 9.53 | 11/16-16 | 22.0 | 22.0 | 11.0 | 82.0 | 46.2 |
| GSORF45-13-06 | 6GS-8FFORX45S | 7347-31155 | 3/8 | 9.53 | 13/16-16 | 22.0 | 24.0 | 15.0 | 93.0 | 57.2 |
| GSORF45-13-08 | 8GS-8FFORX45S | 7347-31245 | 1/2 | 12.7 | 13/16-16 | 27.0 | 24.0 | 15.0 | 94.0 | 56.5 |
| GSORF45-16-08 | 8GS-10FFORX45S | 7347-31255 | 1/2 | 12.7 | 1-14 | 27.0 | 30.0 | 16.0 | 99.0 | 61.5 |
| GSORF45-16-10 | 10GS-10FFORX45S | 7347-31345 | 5/8 | 15.8 | 1-14 | 30.0 | 30.0 | 16.0 | 111.0 | 60.7 |
| GSORF45-19-12 | 12GS-12FFORX45S | 7347-31445 | 3/4 | 19.05 | 1 3/16-12 | 32.0 | 36.0 | 21.0 | 125.0 | 74.0 |
| GSORF45-23-12 | 12GS-16FFORX45S | 7347-31465 | 3/4 | 19.05 | 1 7/16-12 | 32.0 | 41.0 | 24.0 | 137.0 | 86.0 |
| GSORF45-23-16 | 16GS-16FFORX45S | 7347-31555 | 1 | 25.4 | 1 7/16-12 | 41.0 | 41.0 | 24.0 | 144.0 | 87.8 |
| GSORF45-27-16¥ | 16GS-20FFORX45S | 7347-31565 | 1 | 25.4 | 1 11/16-12 | 41.0 | 50.0 | 25.0 | 164.0 | 107.6 |
| GSORF45-27-20 | 20GS-20FFORX45-032 | 7347-76045 | 1 1/4 | 31.7 | 1 11/16-12 | 50.0 | 50.0 | 32.0 | 180.0 | 108.9 |

¥ Coupling pricing & availability on request.

PCS Couplings - Suits G3K, C12

SAE J1453 O-Ring Face Seal



| Hardy Spicer Part Number | Gates Desc. | Gates Part Number | Hose ID | | Thread Size- | H2 | T | L | C |
|--------------------------|-----------------|-------------------|---------|------|--------------|-------|------|-------|-------|
| | | | inch | mm | | inch | mm | mm | mm |
| PCSORF45-32-24¥ | 24PCS-24FFORX45 | 7342-01415 | 1-1/2 | 38.1 | 2-12 | 2-1/4 | 27.2 | 191.5 | 120.4 |

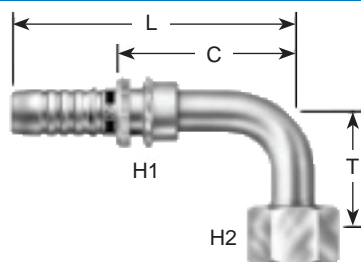
¥ Coupling pricing & availability on request.

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Female Flat-Face O-Ring Swivel – 90° Bent Tube



GlobalSpiral Couplings - Suits EFG3K, EFG4K, EFG5K, EFG6K

SAE J1453 O-Ring Face Seal. Metric Hex per ISO Draft International Standard 12151-1.

| Hardy Spicer Part Number | Gates Desc. | Gates Part Number | Hose ID | | Thread Size | H1 | H2 | T | L | C |
|--------------------------|------------------|-------------------|---------|------|-------------|------|------|-------|-------|-------|
| | | | inch | mm | | mm | mm | mm | mm | mm |
| GSORF90-11-06 | 6GS-6FFORX90S | 7347-32145 | 3/8 | 9.5 | 11/16-16 | 22.0 | 22.0 | 23.0 | 78.0 | 42.2 |
| GSORF90L-11-06¥ | 6GS-6FFORX90L | 7347-34145 | 3/8 | 9.5 | 11/16-16 | 22.0 | 22.0 | 54.0 | 85.0 | 49.2 |
| GSORF90-13-06 | 6GS-8FFORX90M | 7347-33155 | 3/8 | 9.5 | 13/16-16 | 22.0 | 24.0 | 41.0 | 85.0 | 49.2 |
| GSORF90-13-08 | 8GS-8FFORX90S | 7347-32245 | 1/2 | 12.7 | 13/16-16 | 27.0 | 24.0 | 29.0 | 86.0 | 48.5 |
| GSORF90L-13-08¥ | 8GS-8FFORX90-083 | 7347-73845 | 1/2 | 12.7 | 13/16-16 | 27.0 | 24.0 | 83.0 | 86.0 | 48.5 |
| GSORF90-16-08 | 8GS-10FFORX90M | 7347-33255 | 1/2 | 12.7 | 1-14 | 27.0 | 30.0 | 47.0 | 101.0 | 63.5 |
| GSORF90S-19-08¥ | 8GS-12FFORX90S | 7347-32265 | 1/2 | 12.7 | 1 3/16-12 | 27.0 | 36.0 | 48.0 | 107.0 | 69.5 |
| GSORF90-16-10 | 10GS-10FFORX90M | 7347-33345 | 5/8 | 15.8 | 1-14 | 30.0 | 30.0 | 47.0 | 107.0 | 56.0 |
| GSORF90L-16-10¥ | 10GS-10FFORX90L | 7347-34345 | 5/8 | 15.8 | 1-14 | 30.0 | 30.0 | 70.0 | 113.0 | 62.7 |
| GSORF90S-16-12¥ | 12GS-10FFORX90S | 7347-32435 | 3/4 | 19.1 | 1-14 | 30.0 | 30.0 | 32.0 | 111.0 | 60.0 |
| GSORF90S-19-12¥ | 12GS-12FFORX90S | 7347-32445 | 3/4 | 19.1 | 1 3/16-12 | 32.0 | 36.0 | 48.0 | 128.0 | 77.0 |
| GSORF90-19-12 | 12GS-12FFORX90M | 7347-33445 | 3/4 | 19.1 | 1 3/16-12 | 32.0 | 36.0 | 58.0 | 128.0 | 77.0 |
| GSORF90L-19-12¥ | 12GS-12FFORX90L | 7347-34445 | 3/4 | 19.1 | 1 3/16-12 | 32.0 | 36.0 | 96.0 | 128.0 | 77.0 |
| GSORF90S-23-12¥ | 12GS-16FFORX90S | 7347-32465 | 3/4 | 19.1 | 1 7/16-12 | 32.0 | 41.0 | 56.0 | 137.0 | 86.0 |
| GSORF90L-23-12¥ | 12GS-16FFORX90L | 7347-34465 | 3/4 | 19.1 | 1 7/16-12 | 32.0 | 41.0 | 114.0 | 137.0 | 86.0 |
| GSORF90S-23-16¥ | 16GS-16FFORX90S | 7347-32555 | 1 | 25.4 | 1 7/16-12 | 41.0 | 41.0 | 56.0 | 144.0 | 87.6 |
| GSORF90-23-16 | 16GS-16FFORX90M | 7347-33555 | 1 | 25.4 | 1 7/16-12 | 41.0 | 41.0 | 71.0 | 144.0 | 87.6 |
| GSORF90L-23-16¥ | 16GS-16FFORX90L | 7347-34555 | 1 | 25.4 | 1 7/16-12 | 41.0 | 41.0 | 114.0 | 144.0 | 87.6 |
| GSORF90S-27-26¥ | 16GS-20FFORX90S | 7347-32565 | 1 | 25.4 | 1 11/16-12 | 41.0 | 50.0 | 64.0 | 154.0 | 97.6 |
| GSORF90-27-26¥ | 16GS-20FFORX90M | 7347-33565 | 1 | 25.4 | 1 11/16-12 | 41.0 | 50.0 | 78.0 | 153.6 | 97.2 |
| GSORF90S-27-20¥ | 20GS-20FFORX90S | 7347-32645 | 1 1/4 | 31.7 | 1 11/16-12 | 50.0 | 50.0 | 64.0 | 172.0 | 100.9 |
| GSORF90-27-20 | 20GS-20FFORX90M | 7347-33645 | 1 1/4 | 31.7 | 1 11/16-12 | 50.0 | 50.0 | 78.0 | 172.0 | 100.9 |
| GSORF90L-27-20¥ | 20GS-20FFORX90L | 7347-34645 | 1 1/4 | 31.7 | 1 11/16-12 | 50.0 | 50.0 | 129.0 | 172.0 | 100.9 |

¥ Coupling pricing & availability on request.

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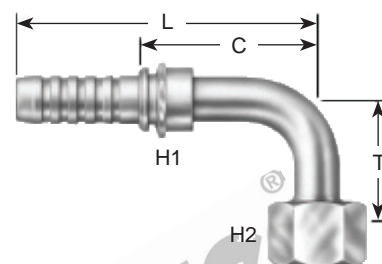
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Female Flat-Face O-Ring Swivel - 90 Bent Tube

PCS Couplings - Suits G3K, C12

SAE J1453 O-Ring Face Seal

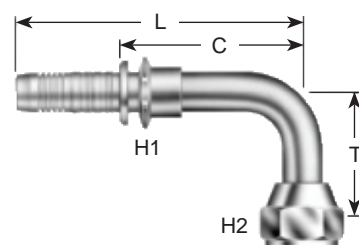


| Hardy Spicer Part Number | Gates Desc. | Gates Part Number | Hose ID | | Thread Size | H2 | T | L | C |
|--------------------------|------------------|-------------------|---------|------|-------------|-------|-------|-------|-------|
| | | | inch | mm | | inch | mm | mm | mm |
| PCSORF90S-32-24¥ | 24PCS-24FFORX90S | 7342-01425 | 1-1/2 | 38.1 | 2-12 | 2-1/4 | 68.6 | 193.3 | 122.2 |
| PCSORF90-32-24¥ | 24PCS-24FFORX90M | 7342-01435 | 1-1/2 | 38.1 | 2-12 | 2-1/4 | 86.6 | 193.3 | 122.2 |
| PCSORF90L-32-24¥ | 24PCS-24FFORX90L | 7342-01445 | 1-1/2 | 38.1 | 2-12 | 2-1/4 | 140.7 | 193.3 | 122.2 |

¥ Coupling pricing & availability on request.

PCM Couplings - Suits G5K, G6K

SAE J1453 O-Ring Face Seal

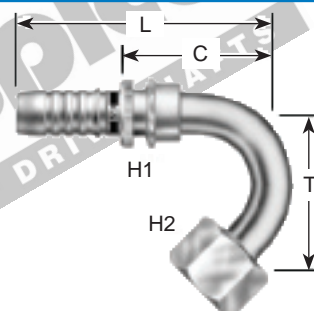


| Hardy Spicer Part Number | Gates Desc. | Gates Part Number | Hose ID | | Thread Size | H2 | T | L | C |
|--------------------------|------------------|-------------------|---------|------|-------------|-------|------|-------|------|
| | | | inch | Mm | | inch | mm | mm | mm |
| PCMORF90-32-24¥ | 24PCM-24FFORX90M | 7343-00205 | 1-1/2 | 38.1 | 2-12 | 2-1/4 | 86.6 | 215.4 | 93.7 |

¥ Coupling pricing & availability on request.

Female Flat-Face O-Ring Swivel – 135° Bent Tube

GlobalSpiral Couplings - Suits EFG3K, EFG4K, EFG5K, EFG6K



| Hardy Spicer Part Number | Gates Desc. | Gates Part Number | Hose ID | | Thread Size | H1 | H2 | T | L | C |
|--------------------------|-----------------|-------------------|---------|------|-------------|------|------|------|------|------|
| | | | inch | mm | | mm | mm | mm | mm | mm |
| GSORF135-23-12¥ | 12GS-16FFORX135 | 7347-73795 | 3/4 | 19.1 | 1 7/16-12 | 27.0 | 24.0 | 83.0 | 86.0 | 37.5 |

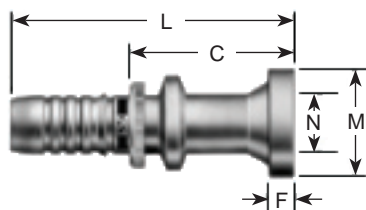
¥ Coupling pricing & availability on request.

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Code 61 O-Ring Flange



GlobalSpiral Couplings - Suits EFG3K, EFG4K, EFG5K, EFG6K

| Hardy Spicer Part Number | Gates Desc. | Gates Part Number | Hose ID | | N | M | L | C | F |
|-----------------------------|-------------------------|----------------------|---------|-------|-------|------|-------|------|-----|
| | | | inch | mm | | | | | |
| GS3FL-08-06¥ | 6GS-8FL | 7347-41155 | 3/8 | 9.5 | 1/2 | 30.2 | 90.0 | 54.2 | 6.7 |
| GS3FL-08-08 | 8GS-8FL | 7347-41245 | 1/2 | 12.7 | 1/2 | 30.2 | 93.0 | 55.5 | 6.7 |
| GS3FL-10-08¥ | 8GS-10FLK [†] | 7347-55255 | 1/2 | 12.7 | 5/8 | 34.2 | 81.5 | 44.1 | 6.7 |
| GS3FL-12-08 | 8GS-12FL | 7347-41265 | 1/2 | 12.7 | 3/4 | 38.1 | 98.0 | 60.5 | 6.7 |
| GSKFL-10-10 | 10GS-10FL [†] | 7347-73335 | 5/8 | 15.8 | 5/8 | 34.2 | 114.0 | 63.7 | 6.7 |
| GS3FL-12-10¥ | 10GS-12FL | 7347-41355 | 5/8 | 15.8 | 3/4 | 38.1 | 109.0 | 58.7 | 6.7 |
| GS3FL-08-12¥ | 12GS-8FL | 7347-41425 | 3/4 | 19.1 | 3/4 | 30.2 | 112.0 | 61.0 | 6.7 |
| GS3FL-10-12¥ | 12GS-10FLK [†] | 7347-73375 | 3/4 | 19.1 | 5/8 | 34.2 | 110.0 | 59.0 | 6.7 |
| GS3FL-12-12 | 12GS-12FL | 7347-41445 | 3/4 | 19.05 | 3/4 | 38.1 | 111.0 | 60.0 | 6.7 |
| GS3FL-16-12 | 12GS-16FL* | 7347-41465 | 3/4 | 19.05 | 1 | 44.5 | 111.0 | 60.0 | 8.0 |
| GS3FL-20-12¥ | 12GS-20FL* | 7347-41475 | 3/4 | 19.05 | 1 1/4 | 50.8 | 111.0 | 60.0 | 8.0 |
| GS3FL-16-16 | 16GS-16FL* | 7347-41555 | 1 | 25.4 | 1 | 44.5 | 125.0 | 68.6 | 8.0 |
| GS3FL-20-16 | 16GS-20FL* | 7347-41565 | 1 | 25.4 | 1 1/4 | 50.8 | 125.0 | 68.2 | 8.0 |
| GS3FL-24-16¥ | 16GS-24FL* | 7347-41575 | 1 | 25.4 | 1 1/2 | 60.5 | 125.0 | 48.2 | 8.0 |
| GS3FL-16-20¥ | 20GS-16FL* | 7347-41635 | 1 1/4 | 31.7 | 1 | 44.5 | 136.0 | 64.9 | 8.0 |
| GS3FL-20-20 | 20GS-20FL* | 7347-41645 | 1 1/4 | 31.7 | 1 1/4 | 50.8 | 146.0 | 74.9 | 8.0 |
| GS3FL-24-20 | 20GS-24FL* | 7347-41655 | 1 1/4 | 31.7 | 1 1/2 | 60.5 | 160.0 | 88.9 | 8.0 |
| GS3FL-32-20¥ | 20GS-32FL* | 7347-41665 | 1 1/4 | 31.7 | 2 | 71.4 | 145.0 | 73.9 | 9.5 |

[†] Komatsu-style flange.

*-16FL Max. W.P. 5,000 psi; -20FL Max. W.P. 4,000 psi; -24FL Max. W.P. 3,000 psi; -32FL Max. W.P. 2,000 psi.

¥ Coupling pricing & availability on request.

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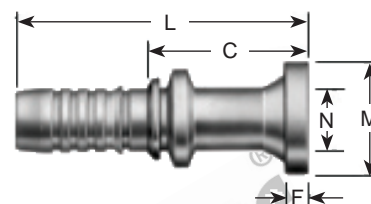
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Code 61 O-Ring Flange

PCS Couplings - Suits G3K, C12

Maximum Working Pressure 3,000 psi

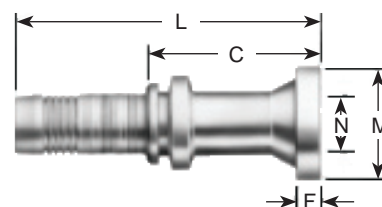


| Hardy Spicer Part Number | Gates Desc. | Gates Part Number | Hose ID | | N | M | L | C | F |
|--------------------------|-------------|-------------------|---------|------|-------|------|-------|------|-----|
| | | | inch | mm | inch | mm | mm | mm | mm |
| PCS3FL-20-24¥ | 24PCS-20FL | 7342-05095 | 1-1/2 | 38.1 | 1-1/4 | 50.8 | 145.3 | 74.2 | 8.0 |
| PCS3FL-24-24 | 24PCS-24FL | 7342-05065 | 1-1/2 | 38.1 | 1-1/2 | 60.5 | 147.1 | 75.9 | 8.0 |
| PCS3FL-32-24¥ | 24PCS-32FL | 7342-05075 | 1-1/2 | 38.1 | 2 | 71.4 | 147.1 | 75.9 | 9.5 |
| PCS3FL-24-32¥ | 32PCS-24FL | 7342-05125 | 2 | 50.8 | 1-1/2 | 60.5 | 166.0 | 75.9 | 8.0 |
| PCS3FL-32-32 | 32PCS-32FL | 7342-05085 | 2 | 50.8 | 2 | 71.4 | 154.4 | 64.5 | 9.5 |

¥ Coupling pricing & availability on request.

PCM Couplings - Suits G5K, G6K

Maximum Working Pressure 3,000 psi



| Hardy Spicer Part Number | Gates Desc. | Gates Part Number | Hose ID | | N | M | L | C | F |
|--------------------------|-------------|-------------------|---------|------|-------|------|-------|-------|-----|
| | | | inch | mm | inch | mm | mm | mm | mm |
| PCM3FL-24-24 | 24PCM-24FL | 7343-01895 | 1-1/2 | 38.1 | 1-1/2 | 60.5 | 181.6 | 89.4 | 8.0 |
| PCM3FL-32-24¥ | 24PCM-32FL | 7343-01935 | 1-1/2 | 38.1 | 2 | 71.4 | 181.6 | 91.9 | 9.5 |
| PCM3FL-32-32 | 32PCM-32FL | 7343-01955 | 2 | 50.8 | 2 | 71.4 | 203.2 | 106.2 | 9.5 |

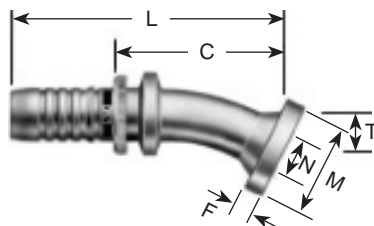
¥ Coupling pricing & availability on request.

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Code 61 O-Ring Flange – 22-1/2° Bent Tube

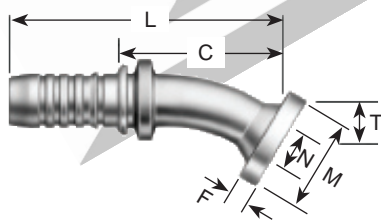


GlobalSpiral Couplings - Suits EFG3K, EFG4K, EFG5K, EFG6K

| Hardy Spicer Part Number | Gates Desc. | Gates Part Number | Hose ID | | N | M | T | L | C | F |
|--------------------------|---------------|-------------------|---------|------|-------|------|------|-------|-------|-----|
| | | | inch | mm | inch | mm | mm | mm | mm | mm |
| GS3FL22-08-08¥ | 8GS-8FL22M | 7347-42245 | 1/2 | 12.7 | 1/2 | 30.2 | 9.0 | 96.0 | 58.5 | 6.7 |
| GS3FL22-12-12¥ | 12GS-12FL22M | 7347-42445 | 3/4 | 19.1 | 3/4 | 38.1 | 11.0 | 131.0 | 80.0 | 6.7 |
| GS3FL22-16-12¥ | 12GS-16FL22M* | 7347-42465 | 3/4 | 19.1 | 1 | 44.5 | 14.0 | 133.0 | 82.0 | 8.0 |
| GS3FL22-16-16¥ | 16GS-16FL22M* | 7347-42555 | 1 | 25.4 | 1 | 44.5 | 14.0 | 155.0 | 98.4 | 8.0 |
| GS3FL22-20-16¥ | 16GS-20FL22M* | 7347-42565 | 1 | 25.4 | 1 1/4 | 50.8 | 15.0 | 168.0 | 111.0 | 8.0 |
| GS3FL22-20-20¥ | 20GS-20FL22M* | 7347-42645 | 1 1/4 | 31.7 | 1 1/4 | 50.8 | 15.0 | 178.0 | 106.9 | 8.0 |
| GS3FL22-24-20¥ | 20GS-24FL22M* | 7347-42655 | 1 1/4 | 31.7 | 1 1/2 | 60.5 | 18.0 | 186.0 | 114.9 | 8.0 |

*-16FL Max. W.P. 5,000 psi; -20FL Max. W.P. 4,000 psi; -24FL Max. W.P. 3,000 psi; -32FL Max. W.P. 2,000 psi.

¥ Coupling pricing & availability on request.



PCS Couplings - Suits G3K, C12

Maximum Working Pressure 3,000 psi

| Hardy Spicer Part Number | Gates Desc. | Gates Part Number | Hose ID | | N | M | T | L | C | F |
|--------------------------|--------------|-------------------|---------|------|-------|------|------|-------|-------|-----|
| | | | inch | mm | inch | mm | mm | mm | mm | mm |
| PCS3FL22-20-24¥ | 24PCS-20FL22 | 7342-05345 | 1-1/2 | 38.1 | 1-1/4 | 50.8 | 12.7 | 151.4 | 80.3 | 8.1 |
| PCS3FL22-24-24¥ | 24PCS-24FL22 | 7342-05315 | 1-1/2 | 38.1 | 1-1/2 | 60.5 | 16.0 | 159.5 | 88.4 | 8.1 |
| PCS3FL22-32-24¥ | 24PCS-32FL22 | 7342-05365 | 1-1/2 | 38.1 | 2 | 71.4 | 16.0 | 159.5 | 88.4 | 9.7 |
| PCS3FL22-24-32¥ | 32PCS-24FL22 | 7342-05355 | 2 | 50.8 | 1-1/2 | 60.5 | 16.0 | 178.3 | 88.4 | 8.1 |
| PCS3FL22-32-32 | 32PCS-32FL22 | 7342-05325 | 2 | 50.8 | 2 | 71.4 | 22.4 | 203.2 | 113.3 | 9.7 |

¥ Coupling pricing & availability on request.

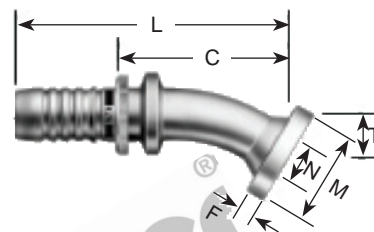
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Code 61 O-Ring Flange – 30° Bent Tube

GlobalSpiral Couplings - Suits EFG3K, EFG4K, EFG5K, EFG6K



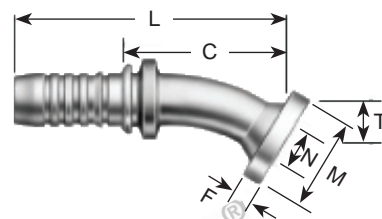
| Hardy Spicer Part Number | Gates Desc. | Gates Part Number | Hose ID | | N | M | T | L | C | F |
|--------------------------|---------------|-------------------|---------|------|-------|------|------|-------|-------|-----|
| | | | inch | mm | inch | mm | mm | mm | mm | mm |
| GS3FL30-08-08¥ | 8GS-12FL30M | 7347-43265 | 1/2 | 12.7 | 3/4 | 38.1 | 16.0 | 100.0 | 62.5 | 6.7 |
| GS3FL30-12-12¥ | 12GS-12FL30M | 7347-43445 | 3/4 | 19.1 | 3/4 | 38.1 | 16.0 | 129.0 | 78.0 | 6.7 |
| GS3FL30-16-12¥ | 12GS-16FL30M* | 7347-43465 | 3/4 | 19.1 | 1 | 44.5 | 19.0 | 121.0 | 70.0 | 8.0 |
| GS3FL30-16-16¥ | 16GS-16FL30M* | 7347-43555 | 1 | 25.4 | 1 | 44.5 | 19.0 | 153.0 | 96.6 | 8.0 |
| GS3FL30-20-16¥ | 16GS-20FL30M* | 7347-43565 | 1 | 25.4 | 1 1/4 | 50.8 | 22.0 | 166.0 | 109.0 | 8.0 |
| GS3FL30-20-20¥ | 20GS-20FL30M* | 7347-43645 | 1 1/4 | 31.7 | 1 1/4 | 50.8 | 22.0 | 176.0 | 104.9 | 8.0 |
| GS3FL30-24-20¥ | 20GS-24FL30M* | 7347-43655 | 1 1/4 | 31.7 | 1 1/2 | 60.5 | 30.0 | 182.0 | 110.9 | 8.0 |

*-16FL Max. W.P. 5,000 psi; -20FL Max. W.P. 4,000 psi; -24FL Max. W.P. 3,000 psi; -32FL Max. W.P. 2,000 psi.

¥ Coupling pricing & availability on request.

PCS Couplings - Suits G3K, C12

Maximum Working Pressure 3,000 psi

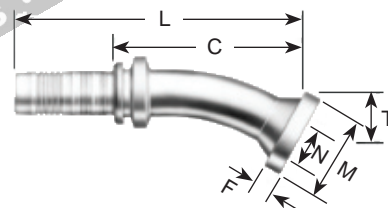


| Hardy Spicer Part Number | Gates Desc. | Gates Part Number | Hose ID | | N | M | T | L | C | F |
|--------------------------|--------------|-------------------|---------|------|-------|------|------|-------|-------|-----|
| | | | inch | mm | inch | mm | mm | mm | mm | mm |
| PCS3FL30-24-24 | 24PCS-24FL30 | 7342-05565 | 1-1/2 | 38.1 | 1-1/2 | 60.5 | 22.4 | 165.1 | 94.0 | 8.0 |
| PCS3FL30-32-24¥ | 24PCS-32FL30 | 7342-05605 | 1-1/2 | 38.1 | 2 | 71.4 | 22.4 | 165.1 | 94.0 | 9.5 |
| PCS3FL30-32-32 | 32PCS-32FL30 | 7342-05575 | 2 | 50.8 | 2 | 71.4 | 31.8 | 209.0 | 118.9 | 9.5 |

¥ Coupling pricing & availability on request.

PCM Couplings - Suits G5K, G6K

Maximum Working Pressure 3,000 psi



| Hardy Spicer Part Number | Gates Desc. | Gates Part Number | Hose ID | | N | M | T | L | C | F |
|--------------------------|--------------|-------------------|---------|------|-------|------|------|-------|-------|-----|
| | | | inch | mm | inch | mm | mm | mm | mm | mm |
| PCM3FL30-24-24¥ | 24PCM-24FL30 | 7343-00985 | 1-1/2 | 38.1 | 1-1/2 | 60.5 | 28.2 | 225.3 | 135.6 | 8.0 |

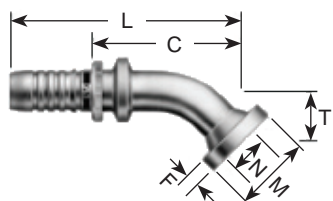
¥ Coupling pricing & availability on request.

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Code 61 O-Ring Flange – 45° Bent Tube



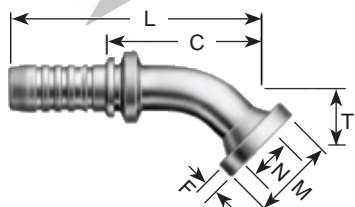
GlobalSpiral Couplings - Suits EFG3K, EFG4K, EFG5K, EFG6K

| Hardy Spicer Part Number | Gates Desc. | Gates Part Number | Hose ID | | N | M | T | L | C | F |
|--------------------------|-------------------|-------------------|---------|------|-------|------|------|-------|-------|-----|
| | | | inch | mm | | | | | | |
| GS3FL45-08-06¥ | 6GS-8FL45M | 7347-44155 | 3/8 | 9.5 | 1/2 | 30.2 | 19.0 | 93.0 | 57.2 | 6.7 |
| GS3FL45-08-08 | 8GS-8FL45M | 7347-44245 | 1/2 | 12.7 | 1/2 | 30.2 | 19.0 | 94.0 | 56.5 | 6.7 |
| GS3FL45-12-08 | 8GS-12FL45M | 7347-44265 | 1/2 | 12.7 | 3/4 | 38.1 | 26.0 | 101.0 | 63.5 | 6.7 |
| GSKFL45-10-10 | 10GS-10FLK45-026† | 7347-73365 | 5/8 | 15.8 | 5/8 | 34.2 | 26.0 | 121.0 | 70.7 | 6.7 |
| GS3FL45-12-10¥ | 10GS-12FL45M | 7347-44355 | 5/8 | 15.9 | 3/4 | 38.1 | 26.0 | 127.0 | 76.7 | 6.7 |
| GS3FL45-12-12 | 12GS-12FL45M | 7347-44445 | 3/4 | 19.1 | 3/4 | 38.1 | 26.0 | 124.0 | 73.0 | 6.7 |
| GS3FL45-16-12 | 12GS-16FL45S* | 7347-73135 | 3/4 | 19.1 | 1 | 44.5 | 28.0 | 126.0 | 75.0 | 8.0 |
| GS3FL45-16-16 | 16GS-16FL45M* | 7347-44555 | 1 | 25.4 | 1 | 44.5 | 32.0 | 147.0 | 90.6 | 8.0 |
| GS3FL45-20-16 | 16GS-20FL45M* | 7347-44565 | 1 | 25.4 | 1 1/4 | 50.8 | 38.0 | 158.0 | 100.8 | 8.0 |
| GS3FL45-16-20¥ | 20GS-16FL45M* | 7347-44635 | 1 1/4 | 31.7 | 1 | 44.5 | 32.0 | 163.0 | 91.9 | 8.0 |
| GS3FL45-20-20 | 20GS-20FL45S* | 7347-73565 | 1 1/4 | 31.7 | 1 1/4 | 50.8 | 32.0 | 170.0 | 98.9 | 8.0 |
| GS3FL45-24-20 | 20GS-24FL45S* | 7347-73575 | 1 1/4 | 31.7 | 1 1/2 | 60.5 | 38.0 | 176.0 | 104.8 | 8.0 |

† Komatsu-style flange.

*-16FL Max. W.P. 5,000 psi; -20FL Max. W.P. 4,000 psi; -24FL Max. W.P. 3,000 psi; -32FL Max. W.P. 2,000 psi.

¥ Coupling pricing & availability on request.

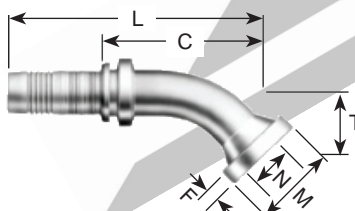


PCS Couplings - Suits G3K, C12

Maximum Working Pressure 3,000 psi

| Hardy Spicer Part Number | Gates Desc. | Gates Part Number | Hose ID | | N | M | T | L | C | F |
|--------------------------|--------------|-------------------|---------|------|-------|------|------|-------|-------|-----|
| | | | inch | mm | | | | | | |
| PCS3FL45-20-24¥ | 24PCS-20FL45 | 7342-05855 | 1-1/2 | 38.1 | 1-1/4 | 50.8 | 32.3 | 165.4 | 94.2 | 8.0 |
| PCS3FL45-24-24 | 24PCS-24FL45 | 7342-05815 | 1-1/2 | 38.1 | 1-1/2 | 60.5 | 36.6 | 178.6 | 107.4 | 8.0 |
| PCS3FL45-32-24 | 24PCS-32FL45 | 7342-05825 | 1-1/2 | 38.1 | 2 | 71.4 | 36.6 | 178.6 | 107.4 | 9.5 |
| PCS3FL45-24-32¥ | 32PCS-24FL45 | 7342-05865 | 2 | 50.8 | 1-1/2 | 60.5 | 36.6 | 197.4 | 107.4 | 8.0 |
| PCS3FL45-32-32 | 32PCS-32FL45 | 7342-05835 | 2 | 50.8 | 2 | 71.4 | 50.8 | 237.0 | 147.1 | 9.5 |

¥ Coupling pricing & availability on request.



PCM Couplings - Suits G5K, G6K

Maximum Working Pressure 3,000 psi

| Hardy Spicer Part Number | Gates Desc. | Gates Part Number | Hose ID | | N | M | T | L | C | F |
|--------------------------|--------------|-------------------|---------|------|-------|------|------|-------|-------|-----|
| | | | inch | mm | | | | | | |
| PCM3FL45-24-24 | 24PCM-24FL45 | 7343-01365 | 1-1/2 | 38.1 | 1-1/2 | 60.5 | 45.0 | 216.4 | 127.0 | 8.0 |
| PCM3FL45-32-24 | 24PCM-32FL45 | 7343-01385 | 1-1/2 | 38.1 | 2 | 71.4 | 45.0 | 216.4 | 127.0 | 9.5 |
| PCM3FL45-32-32 | 32PCM-32FL45 | 7343-01405 | 2 | 50.8 | 2 | 71.4 | 63.8 | 253.0 | 156.0 | 9.5 |

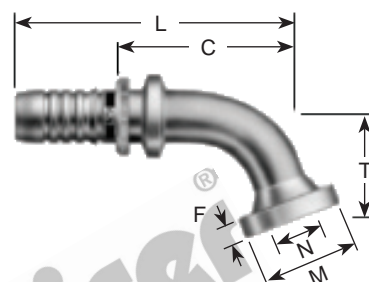
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GlobalSpiral Couplings - Suits EFG3K, EFG4K, EFG5K, EFG6K



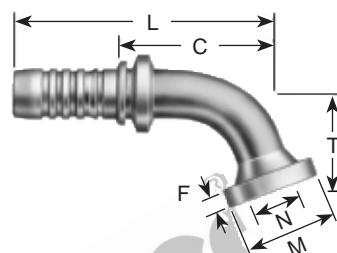
| Hardy Spicer Part Number | Gates Desc. | Gates Part Number | Hose ID | | N | M | T | L | C | F |
|--------------------------|---------------|-------------------|---------|------|-------|------|------|-------|-------|-----|
| | | | inch | mm | inch | mm | mm | mm | mm | mm |
| GS3FL60-08-08¥ | 8GS-8FL60M | 7347-45245 | 1/2 | 12.7 | 1/2 | 30.1 | 27.0 | 104.0 | 66.5 | 6.7 |
| GS3FL60-12-12¥ | 12GS-12FL60M | 7347-45445 | 3/4 | 19.1 | 3/4 | 38.1 | 37.0 | 137.0 | 86.0 | 6.7 |
| GS3FL60-16-12¥ | 12GS-16FL60M* | 7347-45465 | 3/4 | 19.1 | 1 | 44.5 | 44.0 | 136.0 | 85.0 | 8.0 |
| GS3FL60-16-16¥ | 16GS-16FL60M* | 7347-45555 | 1 | 25.4 | 1 | 44.5 | 44.0 | 157.0 | 100.8 | 8.0 |
| GS3FL60-20-16¥ | 16GS-20FL60M* | 7347-45565 | 1 | 25.4 | 1 1/4 | 50.8 | 55.0 | 157.0 | 100.2 | 8.0 |
| GS3FL60-20-20¥ | 20GS-20FL60M* | 7347-45645 | 1 1/4 | 31.7 | 1 1/4 | 50.8 | 55.0 | 187.0 | 115.9 | 8.0 |
| GS3FL60-24-20¥ | 20GS-24FL60M* | 7347-45655 | 1 1/4 | 31.7 | 1 1/2 | 60.5 | 64.0 | 195.0 | 123.9 | 8.0 |

*-16FL Max. W.P. 5,000 psi; -20FL Max. W.P. 4,000 psi; -24FL Max. W.P. 3,000 psi; -32FL Max. W.P. 2,000 psi.

¥ Coupling pricing & availability on request.

PCS Couplings - Suits G3K, C12

Maximum Working Pressure 3,000 psi

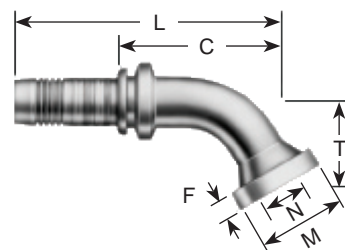


| Hardy Spicer Part Number | Gates Desc. | Gates Part Number | Hose ID | | N | M | T | L | C | F |
|--------------------------|--------------|-------------------|---------|------|-------|------|------|-------|-------|-----|
| | | | inch | mm | inch | mm | mm | mm | mm | mm |
| PCS3FL60-24-24¥ | 24PCS-24FL60 | 7342-10995 | 1-1/2 | 38.1 | 1-1/2 | 60.5 | 50.8 | 170.9 | 99.8 | 8.0 |
| PCS3FL60-32-24¥ | 24PCS-32FL60 | 7342-06075 | 1-1/2 | 38.1 | 2 | 71.4 | 50.8 | 170.9 | 99.8 | 9.5 |
| PCS3FL60-32-32¥ | 32PCS-32FL60 | 7342-06085 | 2 | 50.8 | 2 | 71.4 | 73.2 | 229.1 | 139.2 | 9.5 |

¥ Coupling pricing & availability on request.

PCM Couplings - Suits G5K, G6K

Maximum Working Pressure 3,000 psi



| Hardy Spicer Part Number | Gates Desc. | Gates Part Number | Hose ID | | N | M | T | L | C | F |
|--------------------------|--------------|-------------------|---------|------|-------|------|------|-------|-------|-----|
| | | | inch | mm | inch | mm | mm | mm | mm | mm |
| PCM3FL60-24-24¥ | 24PCM-24FL60 | 7343-01575 | 1-1/2 | 38.1 | 1-1/2 | 60.5 | 63.0 | 238.8 | 149.1 | 8.0 |

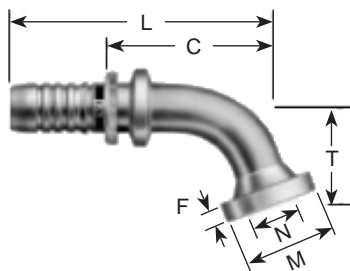
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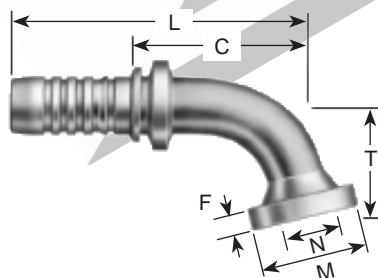


GlobalSpiral Couplings - Suits EFG3K, EFG4K, EFG5K, EFG6K

| Hardy Spicer Part Number | Gates Desc. | Gates Part Number | Hose ID | | N | M | T | L | C | F |
|--------------------------|---------------|-------------------|---------|------|-------|------|------|-------|-------|-----|
| | | | inch | mm | inch | mm | mm | mm | mm | mm |
| GS3FL67-12-12¥ | 12GS-12FL67M | 7347-46445 | 3/4 | 19.1 | 3/4 | 38.1 | 42.0 | 132.0 | 81.0 | 6.7 |
| GS3FL67-16-12¥ | 12GS-16FL67M* | 7347-46465 | 3/4 | 19.1 | 1 | 44.5 | 51.0 | 129.0 | 78.0 | 8.0 |
| GS3FL67-16-16¥ | 16GS-16FL67M* | 7347-46555 | 1 | 25.4 | 1 | 44.5 | 51.0 | 151.0 | 94.3 | 8.0 |
| GS3FL67-20-16¥ | 16GS-20FL67M* | 7347-46565 | 1 | 25.4 | 1 1/4 | 50.8 | 64.0 | 148.0 | 91.2 | 8.0 |
| GS3FL67-20-20¥ | 20GS-20FL67M* | 7347-46645 | 1 1/4 | 31.7 | 1 1/4 | 50.8 | 64.0 | 178.0 | 106.9 | 8.0 |
| GS3FL67-24-20¥ | 20GS-24FL67S* | 7347-76605 | 1 1/4 | 31.7 | 1 1/2 | 60.5 | 51.0 | 164.0 | 92.9 | 8.0 |

*-16FL Max. W.P. 5,000 psi; -20FL Max. W.P. 4,000 psi; -24FL Max. W.P. 3,000 psi; -32FL Max. W.P. 2,000 psi.

¥ Coupling pricing & availability on request.



PCS Couplings - Suits G3K, C12

Maximum Working Pressure 3,000 psi

| Hardy Spicer Part Number | Gates Desc. | Gates Part Number | Hose ID | | N | M | T | L | C | F |
|--------------------------|--------------|-------------------|---------|------|-------|------|------|-------|-------|-----|
| | | | inch | mm | inch | mm | mm | mm | mm | mm |
| PCS3FL67-16-24¥ | 24PCS-16FL67 | 7342-06345 | 1-1/2 | 38.1 | 1 | 44.5 | 44.5 | 150.6 | 79.5 | 8.0 |
| PCS3FL67-24-24¥ | 24PCS-24FL67 | 7342-10965 | 1-1/2 | 38.1 | 1-1/2 | 60.5 | 50.8 | 169.9 | 98.8 | 8.0 |
| PCS3FL67-32-24¥ | 24PCS-32FL67 | 7342-06325 | 1-1/2 | 38.1 | 2 | 71.4 | 50.8 | 169.9 | 98.8 | 9.5 |
| PCS3FL67-32-32¥ | 32PCS-32FL67 | 7342-06335 | 2 | 50.8 | 2 | 71.4 | 82.6 | 228.6 | 138.7 | 9.5 |

¥ Coupling pricing & availability on request.

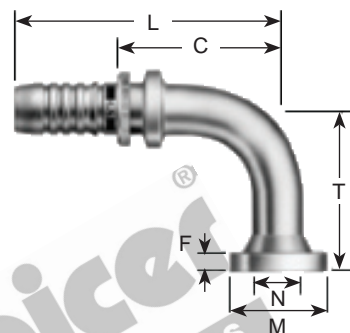
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Code 61 O-Ring Flange – 90° Bent Tube

GlobalSpiral Couplings - Suits EFG3K, EFG4K, EFG5K, EFG6K



| Hardy Spicer Part Number | Gates Desc. | Gates Part Number | Hose ID | | N | M | T | L | C | F |
|--------------------------|-------------------|-------------------|---------|------|-------|------|-------|-------|------|-----|
| | | | inch | mm | inch | mm | mm | mm | mm | mm |
| GS3FL90-08-06¥ | 6GS-8FL90M | 7347-74155 | 3/8 | 9.5 | 1/2 | 30.2 | 40.0 | 87.0 | 51.2 | 6.7 |
| GS3FL90-08-08 | 8GS-8FL90M | 7347-74245 | 1/2 | 12.7 | 1/2 | 30.2 | 40.0 | 88.0 | 50.5 | 6.7 |
| GS3FL90L-08-08¥ | 8GS-8FL90L | 7347-73815 | 1/2 | 12.7 | 1/2 | 30.2 | 83.0 | 88.0 | 50.5 | 6.7 |
| GS3FL90-12-08 | 8GS-12FL90M | 7347-74265 | 1/2 | 12.7 | 3/4 | 38.1 | 58.0 | 88.0 | 50.4 | 6.7 |
| GSKFL90-10-10 | 10GS-10FLK90-055† | 7347-73355 | 5/8 | 15.8 | 5/8 | 34.2 | 55.0 | 110.0 | 59.7 | 6.7 |
| GS3FL90-12-10¥ | 10GS-12FL90M | 7347-74355 | 5/8 | 15.8 | 3/4 | 38.1 | 58.0 | 110.0 | 59.7 | 6.7 |
| GS3FL90-08-12¥ | 12GS-8FL90-050 | 7347-76035 | 3/4 | 19.1 | 1/2 | 30.2 | 50.0 | 122.0 | 71.0 | 6.7 |
| GS3FL90-10-12¥ | 12GS-10FLK90-055† | 7347-73695 | 3/4 | 19.1 | 5/8 | 34.2 | 55.0 | 118.0 | 67.0 | 6.7 |
| GS3FL90-12-12 | 12GS-12FL90M | 7347-74445 | 3/4 | 19.1 | 3/4 | 38.1 | 58.0 | 112.0 | 61.0 | 6.7 |
| GS3FL90L-12-12¥ | 12GS-12FL90-100 | 7347-73905 | 3/4 | 19.1 | 3/4 | 38.1 | 100.0 | 122.0 | 71.0 | 6.7 |
| GS3FL90XL-12-12¥ | 12GS-12FL90-125 | 7347-73985 | 3/4 | 19.1 | 3/4 | 38.1 | 125.0 | 122.0 | 71.0 | 6.7 |
| GS3FL90-16-12 | 12GS-16FL90S* | 7347-73915 | 3/4 | 19.1 | 1 | 44.5 | 61.0 | 112.0 | 61.0 | 8.0 |
| GS3FL90M-16-12¥ | 12GS-16FL90M* | 7347-73925 | 3/4 | 19.1 | 1 | 44.5 | 70.0 | 128.0 | 77.0 | 8.0 |
| GS3FL90L-16-12¥ | 12GS-16FL90-080* | 7347-76805 | 3/4 | 19.1 | 1 | 44.5 | 80.0 | 128.0 | 77.0 | 8.0 |
| GS3FL90-20-12¥ | 12GS-20FL90-054* | 7347-73995 | 3/4 | 19.1 | 1 1/4 | 50.8 | 54.0 | 131.0 | 80.0 | 8.0 |
| GS3FL90-16-16 | 16GS-16FL90S* | 7347-74555 | 1 | 25.4 | 1 | 44.5 | 61.0 | 135.0 | 78.6 | 8.0 |
| GS3FL90L-16-12¥ | 16GS-16FL90M* | 7347-74555 | 1 | 25.4 | 1 | 44.5 | 70.0 | 135.0 | 78.6 | 8.0 |
| GS3FL90XL-16-16¥ | 16GS-16FL90-120* | 7347-73165 | 1 | 25.4 | 1 | 44.5 | 120.0 | 134.0 | 77.2 | 8.0 |
| GS3FL90-20-16 | 16GS-20FL90S* | 7347-74565 | 1 | 25.4 | 1 1/4 | 50.8 | 68.0 | 134.0 | 76.8 | 8.0 |
| GS3FL90L-20-16¥ | 16GS-20FL90M* | 7347-74565 | 1 | 25.4 | 1 1/4 | 50.8 | 90.0 | 134.0 | 76.0 | 8.0 |
| GS3FL90S-24-16¥ | 16GS-24FL90S* | 7347-747575 | 1 | 25.4 | 1 1/2 | 60.5 | 81.0 | 134.0 | 77.2 | 8.0 |
| GS3FL90M-24-16¥ | 16GS-24FL90-060* | 7347-73975 | 1 | 25.4 | 1 1/2 | 60.3 | 60.0 | 145.0 | 88.2 | 8.0 |
| GS3FL90-16-20¥ | 20GS-16FL90M* | 7347-74635 | 1 1/4 | 31.7 | 1 | 44.5 | 70.0 | 160.0 | 88.9 | 8.0 |
| GS3FL90-20-20 | 20GS-20FL90S* | 7347-74645 | 1 1/4 | 31.7 | 1 1/4 | 50.8 | 68.0 | 165.0 | 93.9 | 8.0 |
| GS3FL90L-20-20¥ | 20GS-20FL90M* | 7347-74645 | 1 1/4 | 31.7 | 1 1/4 | 50.8 | 90.0 | 165.0 | 93.9 | 8.0 |
| GS3FL90XL-20-20¥ | 20GS-20FL90-168* | 7347-76105 | 1 1/4 | 31.7 | 1 1/4 | 50.8 | 168.0 | 166.0 | 94.9 | 8.0 |
| GS3FL90-24-20 | 20GS-24FL90S* | 7347-747655 | 1 1/4 | 31.7 | 1 1/2 | 60.5 | 81.0 | 165.0 | 93.9 | 8.0 |
| GS3FL90L-24-20¥ | 20GS-24FL90-118* | 7347-76085 | 1 1/4 | 31.7 | 1 1/2 | 60.5 | 118.0 | 165.0 | 93.9 | 8.0 |

† Komatsu-style flange.

*-16FL Max. W.P. 5,000 psi; -20FL Max. W.P. 4,000 psi; -24FL Max. W.P. 3,000 psi; -32FL Max. W.P. 2,000 psi.

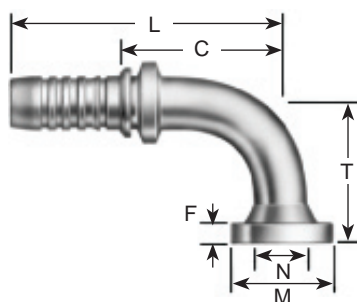
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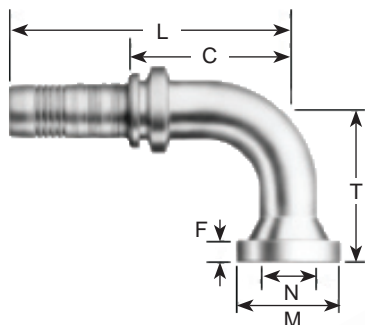


PCS Couplings - Suits G3K, C12

Maximum Working Pressure 3,000 psi

| Hardy Spicer Part Number | Gates Desc. | Gates Part Number | Hose ID | | N inch | M mm | T mm | L mm | C mm | F mm |
|--------------------------|---------------|-------------------|---------|------|-----------|---------|---------|---------|---------|---------|
| | | | inch | mm | | | | | | |
| PCS3FL90-24-20¥ | 24PCS-20FL90 | 7342-06705 | 1-1/2 | 38.1 | 1-1/4 | 50.8 | 71.4 | 159.0 | 87.9 | 8.0 |
| PCS3FL90S-24-24¥ | 24PCS-24FL90 | 7342-06565 | 1-1/2 | 38.1 | 1-1/2 | 60.5 | 79.2 | 169.4 | 98.6 | 8.0 |
| PCS3FL90-24-24 | 24PCS-24FL90M | 7342-07325 | 1-1/2 | 38.1 | 1-1/2 | 60.5 | 101.6 | 169.9 | 98.8 | 8.0 |
| PCS3FL90L-24-24¥ | 24PCS-24FL90L | 7342-06385 | 1-1/2 | 38.1 | 1-1/2 | 60.5 | 147.6 | 169.4 | 98.6 | 8.0 |
| PCS3FL90S-32-24¥ | 24PCS-32FL90 | 7342-06575 | 1-1/2 | 38.1 | 2 | 71.4 | 79.2 | 169.4 | 98.6 | 9.5 |
| PCS3FL90-32-24 | 24PCS-32FL90M | 7342-07265 | 1-1/2 | 38.1 | 2 | 71.4 | 114.3 | 169.4 | 98.3 | 9.5 |
| PCS3FL90L-32-24¥ | 24PCS-32FL90L | 7342-07255 | 1-1/2 | 38.1 | 2 | 71.4 | 171.5 | 169.4 | 98.3 | 9.5 |
| PCS3FL90-24-32¥ | 32PCS-24FL90 | 7342-06715 | 2 | 50.8 | 1-1/2 | 60.5 | 79.2 | 188.5 | 98.6 | 8.0 |
| PCS3FL90S-24-32¥ | 32PCS-32FL90S | 7342-06585 | 2 | 50.8 | 2 | 71.4 | 114.3 | 216.4 | 126.5 | 9.5 |
| PCS3FL90L-24-32¥ | 32PCS-32FL90M | 7342-10165 | 2 | 50.8 | 2 | 71.4 | 165.1 | 241.3 | 126.5 | 9.5 |
| PCS3FL90-32-32 | 32PCS-32FL90L | 7342-07275 | 2 | 50.8 | 2 | 71.4 | 203.2 | 216.4 | 126.5 | 9.5 |
| PCS3FL90-40-32¥ | 32PCS-40FL90 | 7342-06615 | 2 | 50.8 | 2-1/2 | 84.1 | 111.3 | 216.4 | 126.5 | 9.5 |

¥ Coupling pricing & availability on request.



PCM Couplings - Suits G5K, G6K

Maximum Working Pressure 3,000 psi

| Hardy Spicer Part Number | Gates Desc. | Gates Part Number | Hose ID | | N inch | M mm | T mm | L mm | C mm | F mm |
|--------------------------|--------------|-------------------|---------|------|-----------|---------|---------|---------|---------|---------|
| | | | inch | mm | | | | | | |
| PCM3FL90-24-24 | 24PCM-24FL90 | 7343-01145 | 1-1/2 | 38.1 | 1-1/2 | 60.5 | 93.5 | 199.1 | 109.5 | 8.0 |
| PCM3FL90-32-32 | 32PCM-32FL90 | 7343-01195 | 2 | 50.8 | 2 | 71.4 | 130.1 | 230.4 | 133.1 | 9.7 |

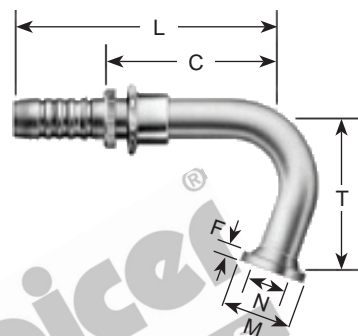
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Code 61 O-Ring Flange – 110° Bent Tube

GlobalSpiral Couplings - Suits EFG3K, EFG4K, EFG5K, EFG6K



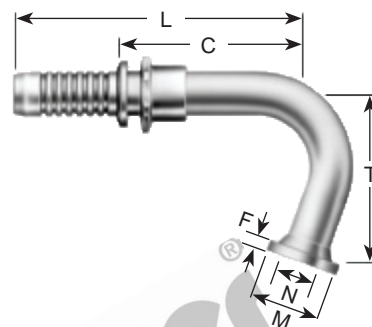
| Hardy Spicer Part Number | Gates Desc. | Gates Part Number | Hose ID | | N | M | T | L | C | F |
|--------------------------|-------------------|-------------------|---------|------|-------|------|------|-------|-------|-----|
| | | | inch | mm | inch | mm | mm | mm | mm | mm |
| GS3FL110-12-12¥ | 12GS-12FL110-064 | 7347-76025 | 3/4 | 19.1 | 3/4 | 38.1 | 64.0 | 131.0 | 80.0 | 6.7 |
| GS3FL110-16-16¥ | 16GS-16FL110-073* | 7347-73005 | 1 | 25.4 | 1 | 44.4 | 73.0 | 148.0 | 91.6 | 8.0 |
| GS3FL110-20-20¥ | 20GS-20FL110-080* | 7347-76115 | 1 1/4 | 31.7 | 1 1/4 | 50.8 | 80.0 | 181.0 | 109.9 | 8.0 |
| GS3FL110-24-20¥ | 20GS-24FL110-080* | 7347-76125 | 1 1/4 | 31.7 | 1 1/2 | 60.5 | 80.0 | 181.0 | 109.9 | 8.0 |

*-16FL Max. W.P. 5,000 psi; -20FL Max. W.P. 4,000 psi; -24FL Max. W.P. 3,000 psi; -32FL Max. W.P. 2,000 psi.

¥ Coupling pricing & availability on request.

PCS Couplings - Suits G3K, C12

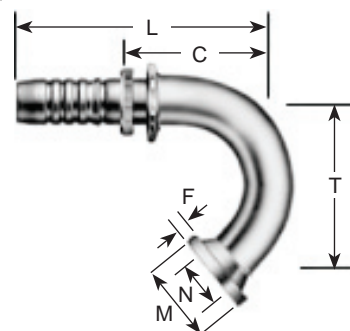
Maximum Working Pressure 3,000 psi



| Hardy Spicer Part Number | Gates Desc. | Gates Part Number | Hose ID | | N | M | T | L | C | F |
|--------------------------|---------------|-------------------|---------|------|-------|------|-------|-------|-------|-----|
| | | | inch | mm | inch | mm | mm | mm | mm | mm |
| PCS3FL110-24-24 | 24PCS-24FL110 | 7342-06985 | 1-1/2 | 38.1 | 1-1/2 | 60.5 | 93.7 | 194.8 | 123.7 | 8.0 |
| PCS3FL110-32-32 | 32PCS-32FL110 | 7342-06995 | 2 | 50.8 | 2 | 71.4 | 140.5 | 249.2 | 159.3 | 9.5 |

Code 61 O-Ring Flange – 135° Bent Tube

GlobalSpiral Couplings - Suits EFG3K, EFG4K, EFG5K, EFG6K



| Hardy Spicer Part Number | Gates Desc. | Gates Part Number | Hose ID | | N | M | T | L | C | F |
|--------------------------|------------------|-------------------|---------|------|------|------|------|------|------|-----|
| | | | inch | mm | inch | mm | mm | mm | mm | mm |
| GS3FL135-12-12¥ | 12GS-12FL135-070 | 7347-76825 | 3/4 | 19.1 | 3/4 | 38.1 | 70.0 | 97.0 | 46.0 | 6.7 |

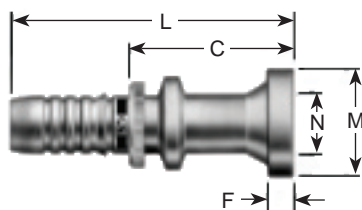
¥ Coupling pricing & availability on request.

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Code 62 O-Ring Flange Heavy

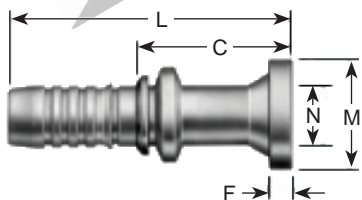


GlobalSpiral Couplings - Suits EFG3K, EFG4K, EFG5K, EFG6K

S, M and L Drops per ISO Final Draft International Standard 12151-3.

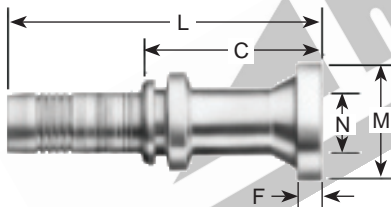
| Hardy Spicer Part Number | Gates Desc. | Gates Part Number | Hose ID | | N | M | L | C | F |
|--------------------------|-------------|-------------------|---------|------|-------|------|-------|------|------|
| | | | inch | mm | inch | mm | mm | mm | mm |
| GS6FL-08-08 | 8GS-8FLH | 7347-48245 | 1/2 | 12.7 | 1/2 | 31.8 | 93.0 | 55.5 | 7.7 |
| GS6FL-12-08¥ | 8GS-12FLH | 7347-48265 | 1/2 | 12.7 | 3/4 | 41.4 | 93.0 | 55.5 | 8.8 |
| GS6FL-08-10¥ | 10GS-8FLH | 7347-48335 | 5/8 | 15.8 | 1/2 | 31.8 | 109.0 | 58.7 | 7.7 |
| GS6FL-12-10¥ | 10GS-12FLH | 7347-48355 | 5/8 | 15.8 | 3/4 | 41.4 | 109.0 | 58.7 | 8.8 |
| GS6FL-12-12 | 12GS-12FLH | 7347-48445 | 3/4 | 19.1 | 3/4 | 41.4 | 114.0 | 63.0 | 8.8 |
| GS6FL-16-12 | 12GS-16FLH | 7347-48465 | 3/4 | 19.1 | 1 | 47.8 | 114.0 | 63.0 | 9.5 |
| GS6FL-12-16¥ | 16GS-12FLH | 7347-48535 | 1 | 25.4 | 3/4 | 41.4 | 129.0 | 72.6 | 8.8 |
| GS6FL-16-16 | 16GS-16FLH | 7347-48555 | 1 | 25.4 | 1 | 47.8 | 125.0 | 68.6 | 9.5 |
| GS6FL-20-16 | 16GS-20FLH | 7347-48565 | 1 | 25.4 | 1 1/4 | 54.1 | 125.0 | 68.2 | 10.3 |
| GS6FL-16-20¥ | 20GS-16FLH | 7347-48635 | 1 1/4 | 31.7 | 1 | 47.8 | 163.0 | 91.9 | 9.5 |
| GS6FL-20-20 | 20GS-20FLH | 7347-48645 | 1 1/4 | 31.7 | 1 1/4 | 54.1 | 146.0 | 74.9 | 10.3 |
| GS6FL-24-20 | 20GS-24FLH | 7347-48655 | 1 1/4 | 31.7 | 1 1/2 | 63.5 | 160.0 | 88.9 | 12.6 |

¥ Coupling pricing & availability on request.



PCS Couplings - Suits G3K, C12

| Hardy Spicer Part Number | Gates Desc. | Gates Part Number | Hose ID | | N | M | L | C | F |
|--------------------------|-------------|-------------------|---------|------|-------|------|-------|------|------|
| | | | inch | mm | inch | mm | mm | mm | mm |
| PCS6FL-24-24 | 24PCS-24FLH | 7342-10055 | 1-1/2 | 38.1 | 1-1/2 | 63.5 | 161.5 | 71.1 | 12.6 |
| PCS6FL-32-24 | 24PCS-32FLH | 7342-10065 | 1-1/2 | 38.1 | 2 | 79.5 | 169.4 | 71.1 | 12.6 |
| PCS6FL-32-32 | 32PCS-32FLH | 7342-10075 | 2 | 50.8 | 2 | 79.5 | 176.8 | 89.9 | 12.6 |



PCM Couplings - Suits G5K, G6K

| Hardy Spicer Part Number | Gates Desc. | Gates Part Number | Hose ID | | N | M | L | C | F |
|--------------------------|-------------|-------------------|---------|------|-------|------|-------|-------|------|
| | | | inch | mm | inch | mm | mm | mm | mm |
| PCM6FL-24-24 | 24PCM-24FLH | 7343-01905 | 1-1/2 | 38.1 | 1-1/2 | 63.5 | 181.6 | 92.7 | 12.7 |
| PCM6FL-32-24 | 24PCM-32FLH | 7343-01925 | 1-1/2 | 38.1 | 2 | 79.5 | 195.6 | 105.9 | 12.7 |
| PCM6FL-32-32 | 32PCM-32FLH | 7343-08295 | 2 | 50.8 | 2 | 79.5 | 226.8 | 129.8 | 12.7 |

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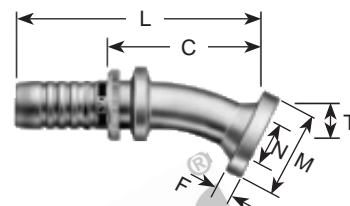
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Code 62 O-Ring Flange Heavy – 22-1/2° Bent Tube

GlobalSpiral Couplings - Suits EFG3K, EFG4K, EFG5K, EFG6K

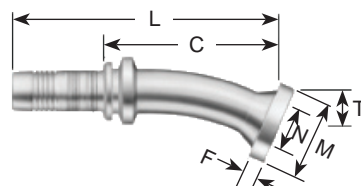
S, M and L Drops per ISO Final Draft International Standard 12151-3.



| Hardy Spicer Part Number | Gates Desc. | Gates Part Number | Hose ID | | N | M | T | L | C | F |
|--------------------------|---------------|-------------------|---------|------|-------|------|------|-------|-------|------|
| | | | inch | mm | inch | mm | mm | mm | mm | mm |
| GS6FL22-16-12¥ | 12GS-16FLH22M | 7347-49465 | 3/4 | 19.1 | 1 | 47.8 | 14.0 | 138.0 | 87.0 | 9.5 |
| GS6FL22-16-16¥ | 16GS-16FLH22M | 7347-49555 | 1 | 25.4 | 1 | 47.8 | 14.0 | 155.0 | 98.6 | 9.5 |
| GS6FL22-20-20¥ | 20GS-20FLH22M | 7347-49645 | 1 1/4 | 31.7 | 1 1/4 | 54.1 | 15.0 | 186.0 | 114.9 | 10.3 |
| GS6FL22-24-20¥ | 20GS-24FLH22M | 7347-49655 | 1 1/4 | 31.7 | 1 1/2 | 63.5 | 18.0 | 188.0 | 116.9 | 12.6 |

¥ Coupling pricing & availability on request.

PCM Couplings - Suits G5K, G6K



| Hardy Spicer Part Number | Gates Desc. | Gates Part Number | Hose ID | | N | M | T | L | C | F |
|--------------------------|---------------|-------------------|---------|------|-------|------|------|-------|-------|------|
| | | | inch | mm | inch | mm | mm | mm | mm | mm |
| PCM6FL22-24-24¥ | 24PCM-24FLH22 | 7343-01625 | 1-1/2 | 38.1 | 1-1/2 | 63.5 | 20.3 | 228.1 | 138.4 | 12.6 |

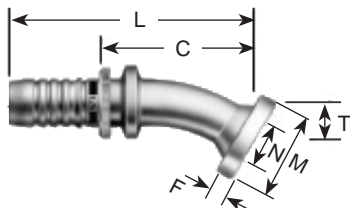
¥ Coupling pricing & availability on request.

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Code 62 O-Ring Flange Heavy – 30° Bent Tube

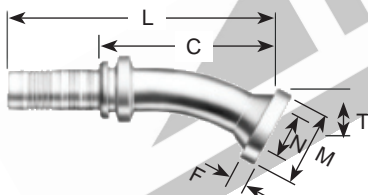


GlobalSpiral Couplings - Suits EFG3K, EFG4K, EFG5K, EFG6K

S, M and L Drops per ISO Final Draft International Standard 12151-3.

| Hardy Spicer Part Number | Gates Desc. | Gates Part Number | Hose ID | | N | M | T | L | C | F |
|--------------------------|---------------|-------------------|---------|------|-------|------|------|-------|-------|------|
| | | | inch | mm | inch | mm | mm | mm | mm | mm |
| GS6FL30-12-12¥ | 12GS-12FLH30M | 7347-50445 | 3/4 | 19.1 | 3/4 | 41.4 | 16.0 | 129.0 | 78.0 | 8.8 |
| GS6FL30-16-16¥ | 16GS-16FLH30M | 7347-50555 | 1 | 25.4 | 1 | 47.8 | 19.0 | 153.0 | 96.6 | 9.5 |
| GS6FL30-20-20¥ | 20GS-20FLH30M | 7347-50645 | 1 1/4 | 31.7 | 1 1/4 | 54.1 | 22.0 | 184.0 | 112.9 | 10.3 |
| GS6FL30-24-20¥ | 20GS-24FLH30M | 7347-50655 | 1 1/4 | 31.7 | 1 1/2 | 63.5 | 30.0 | 184.0 | 112.9 | 12.6 |

¥ Coupling pricing & availability on request.



PCM Couplings - Suits G5K, G6K

| Hardy Spicer Part Number | Gates Desc. | Gates Part Number | Hose ID | | N | M | T | L | C | F |
|--------------------------|---------------|-------------------|---------|------|-------|------|------|-------|-------|------|
| | | | inch | mm | inch | mm | mm | mm | mm | mm |
| PCM6FL30-24-24¥ | 24PCM-24FLH30 | 7343-00975 | 1-1/2 | 38.1 | 1-1/2 | 63.5 | 28.2 | 225.3 | 135.6 | 12.6 |
| PCM6FL30-32-32¥ | 32PCM-32FLH30 | 7343-01005 | 2 | 50.8 | 2 | 79.5 | 39.9 | 265.4 | 168.4 | 12.6 |

¥ Coupling pricing & availability on request.

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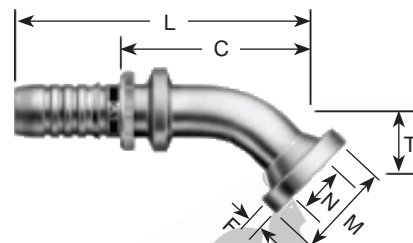
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Code 62 O-Ring Flange Heavy – 45° Bent Tube

GlobalSpiral Couplings - Suits EFG3K, EFG4K, EFG5K, EFG6K

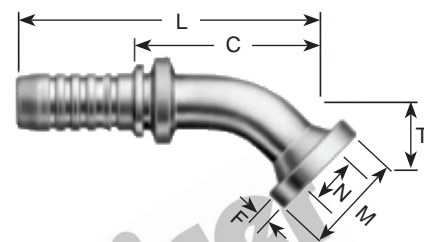
S, M and L Drops per ISO Final Draft International Standard 12151-3.



| Hardy Spicer Part Number | Gates Desc. | Gates Part Number | Hose ID | | N | M | T | L | C | F |
|--------------------------|---------------|-------------------|---------|------|-------|------|------|-------|-------|------|
| | | | inch | mm | inch | mm | mm | mm | mm | mm |
| GS6FL45-08-08 | 8GS-8FLH45M | 7347-51245 | 1/2 | 12.7 | 1/2 | 31.7 | 19.0 | 94.0 | 56.5 | 7.9 |
| GS6FL45-12-08¥ | 8GS-12FLH45M | 7347-51265 | 1/2 | 12.7 | 3/4 | 41.4 | 26.0 | 101.0 | 63.5 | 8.8 |
| GS6FL45-12-10¥ | 10GS-12FLH45M | 7347-51355 | 5/8 | 15.9 | 3/4 | 41.4 | 26.0 | 127.0 | 76.7 | 8.8 |
| GS6FL45-12-12 | 12GS-12FLH45M | 7347-51445 | 3/4 | 19.0 | 3/4 | 41.4 | 26.0 | 124.0 | 73.0 | 8.8 |
| GS6FL45-16-12 | 12GS-16FLH45M | 7347-51465 | 3/4 | 19.0 | 1 | 47.8 | 32.0 | 130.0 | 79.0 | 9.5 |
| GS6FL45-12-16¥ | 16GS-12FLH45M | 7347-51535 | 1 | 25.4 | 3/4 | 41.4 | 26.0 | 141.0 | 84.6 | 8.8 |
| GS6FL45-16-16 | 16GS-16FLH45M | 7347-51555 | 1 | 25.4 | 1 | 47.8 | 32.0 | 147.0 | 90.6 | 9.5 |
| GS6FL45-20-16 | 16GS-20FLH45M | 7347-51565 | 1 | 25.4 | 1 1/4 | 54.1 | 38.0 | 158.0 | 101.2 | 10.3 |
| GS6FL45-20-20 | 20GS-20FLH45M | 7347-51645 | 1 1/4 | 31.7 | 1 1/4 | 54.1 | 38.0 | 176.0 | 104.9 | 10.3 |
| GS6FL45-24-20 | 20GS-24FLH45M | 7347-51655 | 1 1/4 | 31.7 | 1 1/2 | 63.5 | 44.0 | 176.0 | 104.9 | 12.6 |

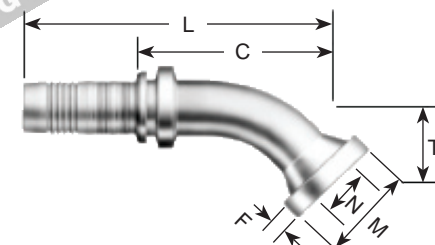
¥ Coupling pricing & availability on request.

PCS Couplings - Suits G3K, C12



| Hardy Spicer Part Number | Gates Desc. | Gates Part Number | Hose ID | | N | M | T | L | C | F |
|--------------------------|---------------|-------------------|---------|------|-------|------|------|-------|-------|------|
| | | | inch | mm | inch | mm | mm | mm | mm | mm |
| PCS6FL45-24-24 | 24PCS-24FLH45 | 7342-10265 | 1-1/2 | 38.1 | 1-1/2 | 63.5 | 46.7 | 188.7 | 117.6 | 12.6 |
| PCS6FL45-32-24 | 24PCS-32FLH45 | 7342-10275 | 1-1/2 | 38.1 | 2 | 79.5 | 52.3 | 194.3 | 123.2 | 12.6 |
| PCS6FL45-32-32 | 32PCS-32FLH45 | 7342-10285 | 2 | 50.8 | 2 | 79.5 | 66.5 | 232.2 | 142.2 | 12.6 |

PCM Couplings - Suits G5K, G6K



| Hardy Spicer Part Number | Gates Desc. | Gates Part Number | Hose ID | | N | M | T | L | C | F |
|--------------------------|---------------|-------------------|---------|------|-------|------|------|-------|-------|------|
| | | | inch | mm | inch | mm | mm | mm | mm | mm |
| PCM6FL45-24-24 | 24PCM-24FLH45 | 7343-01375 | 1-1/2 | 38.1 | 1-1/2 | 63.5 | 45.0 | 216.4 | 127.0 | 12.6 |
| PCM6FL45-32-24¥ | 24PCM-32FLH45 | 7343-02625 | 1-1/2 | 38.1 | 2 | 79.5 | 63.8 | 235.2 | 145.5 | 12.6 |
| PCM6FL45-32-32 | 32PCM-32FLH45 | 7343-01395 | 2 | 50.8 | 2 | 79.5 | 63.8 | 253.0 | 156.0 | 12.6 |

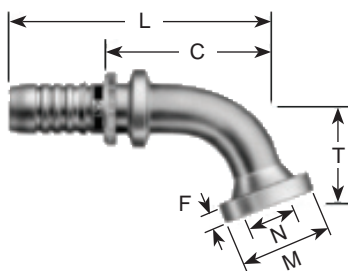
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Code 62 O-Ring Flange Heavy – 60° Bent Tube

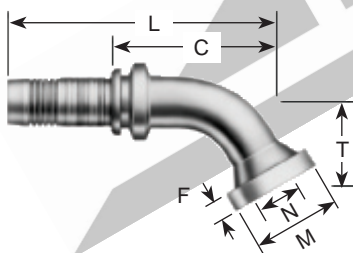


GlobalSpiral Couplings - Suits EFG3K, EFG4K, EFG5K, EFG6K

S, M and L Drops per ISO Final Draft International Standard 12151-3.

| Hardy Spicer Part Number | Gates Desc. | Gates Part Number | Hose ID | | N | M | T | L | C | F |
|--------------------------|---------------|-------------------|---------|------|-------|------|------|-------|-------|------|
| | | | inch | mm | inch | mm | mm | mm | mm | mm |
| GS6FL60-12-12¥ | 12GS-12FLH60M | 7347-52445 | 3/4 | 19.1 | 3/4 | 41.4 | 37.0 | 137.0 | 86.0 | 8.8 |
| GS6FL60-16-12¥ | 12GS-16FLH60M | 7347-52465 | 3/4 | 19.1 | 1 | 47.8 | 44.0 | 136.0 | 85.0 | 9.5 |
| GS6FL60-16-16¥ | 16GS-16FLH60M | 7347-52555 | 1 | 25.4 | 1 | 47.8 | 44.0 | 157.0 | 100.8 | 9.5 |
| GS6FL60-20-20¥ | 20GS-20FLH60M | 7347-52645 | 1 1/4 | 31.7 | 1 1/4 | 54.1 | 55.0 | 186.0 | 114.9 | 10.3 |
| GS6FL60-24-20¥ | 20GS-24FLH60M | 7347-52655 | 1 1/4 | 31.7 | 1 1/2 | 63.5 | 64.0 | 194.0 | 122.9 | 12.6 |

¥ Coupling pricing & availability on request.

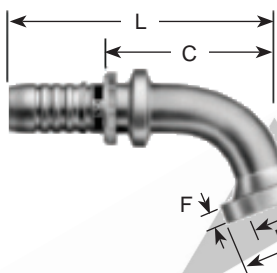


PCM Couplings - Suits G5K, G6K

| Hardy Spicer Part Number | Gates Desc. | Gates Part Number | Hose ID | | N | M | T [®] | L | C | F |
|--------------------------|---------------|-------------------|---------|------|-------|------|----------------|-------|-------|------|
| | | | inch | mm | inch | mm | mm | mm | mm | mm |
| PCM6FL60-24-24¥ | 24PCM-24FLH60 | 7343-01565 | 1-1/2 | 38.1 | 1-1/2 | 63.5 | 63.0 | 238.8 | 149.4 | 12.6 |
| PCM6FL60-32-32¥ | 32PCM-32FLH60 | 7343-01585 | 2 | 50.8 | 2 | 79.5 | 87.1 | 285.5 | 188.5 | 12.6 |

¥ Coupling pricing & availability on request.

Code 62 O-Ring Flange Heavy – 67-1/2° Bent Tube



GlobalSpiral Couplings - Suits EFG3K, EFG4K, EFG5K, EFG6K

S, M and L Drops per ISO Final Draft International Standard 12151-3.

| Hardy Spicer Part Number | Gates Desc. | Gates Part Number | Hose ID | | N | M | T | L | C | F |
|--------------------------|---------------|-------------------|---------|------|------|------|------|-------|------|-----|
| | | | inch | mm | inch | mm | mm | mm | mm | mm |
| GS6FL67-16-16¥ | 16GS-16FLH67M | 7347-53555 | 1 | 25.4 | 1 | 47.8 | 51.0 | 151.0 | 94.6 | 9.5 |

¥ Coupling pricing & availability on request.

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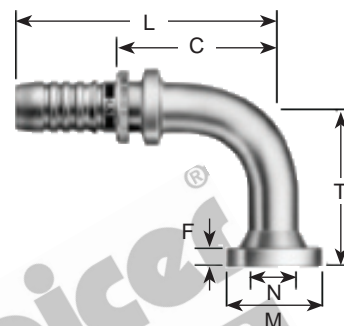
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Code 62 O-Ring Flange Heavy – 90° Bent Tube

GlobalSpiral Couplings - Suits EFG3K, EFG4K, EFG5K, EFG6K

S, M and L Drops per ISO Final Draft International Standard 12151-3.



| Hardy Spicer Part Number | Gates Desc. | Gates Part Number | Hose ID | | N | M | T | L | C | F |
|--------------------------|------------------|-------------------|---------|------|-------|------|-------|-------|------|------|
| | | | inch | mm | inch | mm | mm | mm | mm | mm |
| GS6FL90-08-08 | 8GS-8FLH90M | 7347-75245 | 1/2 | 12.7 | 1/2 | 31.8 | 40.0 | 88.0 | 50.5 | 7.7 |
| GS6FL90L-08-08¥ | 8GS-8FLH90-080 | 7347-73825 | 1/2 | 12.7 | 1/2 | 31.8 | 80.0 | 88.0 | 50.5 | 7.7 |
| GS6FL90-12-08 | 8GS-12FLH90M | 7347-75265 | 1/2 | 12.7 | 3/4 | 41.4 | 58.0 | 88.0 | 50.5 | 8.8 |
| GS6FL90-08-10¥ | 10GS-8FLH90M | 7347-75335 | 5/8 | 15.8 | 1/2 | 31.8 | 40.0 | 113.0 | 62.7 | 7.7 |
| GS6FL90-12-10¥ | 10GS-12FLH90M | 7347-75355 | 5/8 | 15.8 | 3/4 | 41.4 | 58.0 | 110.0 | 59.7 | 8.8 |
| GS6FL90-12-12 | 12GS-12FLH90M | 7347-75445 | 3/4 | 19.1 | 3/4 | 41.4 | 58.0 | 112.0 | 61.0 | 8.8 |
| GS6FL90L-12-12¥ | 12GS-12FLH90-100 | 7347-73835 | 3/4 | 19.1 | 3/4 | 41.4 | 100.0 | 112.0 | 61.0 | 8.8 |
| GS6FL90XL-12-12¥ | 12GS-12FLH90-122 | 7347-76415 | 3/4 | 19.1 | 3/4 | 41.4 | 122.0 | 122.0 | 71.0 | 8.8 |
| GS6FL90S-16-12¥ | 12GS-16FLH90S | 7347-54465 | 3/4 | 19.1 | 1 | 47.8 | 61.0 | 112.0 | 61.0 | 9.5 |
| GS6FL90-16-12 | 12GS-16FLH90M | 7347-73935 | 3/4 | 19.1 | 1 | 47.8 | 70.0 | 112.0 | 61.0 | 9.5 |
| GS6FL90L-16-12¥ | 12GS-16FLH90-140 | 7347-76715 | 3/4 | 19.1 | 1 | 47.8 | 140.0 | 116.0 | 65.0 | 9.5 |
| GS6FL90-12-16¥ | 16GS-12FLH90M | 7347-54535 | 1 | 25.4 | 3/4 | 41.4 | 58.0 | 135.0 | 78.6 | 8.8 |
| GS6FL90S-16-16¥ | 16GS-16FLH90S | 7347-54555 | 1 | 25.4 | 1 | 47.8 | 61.0 | 135.0 | 78.6 | 9.5 |
| GS6FL90-16-16 | 16GS-16FLH90M | 7347-75555 | 1 | 25.4 | 1 | 47.8 | 70.0 | 135.0 | 78.6 | 9.5 |
| GS6FL90L-16-16¥ | 16GS-16FLH90-120 | 7347-73015 | 1 | 25.4 | 1 | 47.8 | 120.0 | 134.0 | 76.8 | 9.5 |
| GS6FL90S-20-16¥ | 16GS-20FLH90S | 7347-54565 | 1 | 25.4 | 1 1/4 | 54.1 | 68.0 | 134.0 | 76.8 | 10.3 |
| GS6FL90-20-16 | 16GS-20FLH90M | 7347-75565 | 1 | 25.4 | 1 1/4 | 54.1 | 90.0 | 134.0 | 76.8 | 10.3 |
| GS6FL90-24-16¥ | 16GS-24FLH90S | 7347-54575 | 1 | 25.4 | 1 1/2 | 63.5 | 81.0 | 134.0 | 77.2 | 12.6 |
| GS6FL90S-16-20¥ | 20GS-16FLH90S | 7347-54635 | 1 1/4 | 31.7 | 1 | 47.8 | 61.0 | 160.0 | 88.9 | 9.5 |
| GS6FL90-16-20¥ | 20GS-16FLH90M | 7347-75635 | 1 1/4 | 31.7 | 1 | 47.8 | 70.0 | 160.0 | 88.9 | 9.5 |
| GS6FL90L-16-20¥ | 20GS-16FLH90-100 | 7347-76185 | 1 1/4 | 31.7 | 1 | 47.8 | 100.0 | 160.0 | 88.9 | 9.5 |
| GS6FL90S-20-20¥ | 20GS-20FLH90-076 | 7347-73635 | 1 1/4 | 31.7 | 1 1/4 | 54.1 | 76.0 | 165.0 | 93.9 | 10.3 |
| GS6FL90-20-20 | 20GS-20FLH90M | 7347-75645 | 1 1/4 | 31.7 | 1 1/4 | 50.8 | 90.0 | 165.0 | 93.9 | 8.0 |
| GS6FL90L-20-20¥ | 20GS-20FLH90-120 | 7347-76135 | 1 1/4 | 31.7 | 1 1/4 | 54.1 | 120.0 | 165.0 | 93.9 | 10.3 |
| GS6FL90XL-20-20¥ | 20GS-20FLH90-152 | 7347-76485 | 1 1/4 | 31.7 | 1 1/4 | 54.1 | 152.0 | 165.0 | 93.9 | 10.3 |
| GS6FL90-24-20¥ | 20GS-24FLH90S | 7347-54655 | 1 1/4 | 31.7 | 1 1/2 | 63.5 | 81.0 | 165.0 | 93.9 | 12.6 |

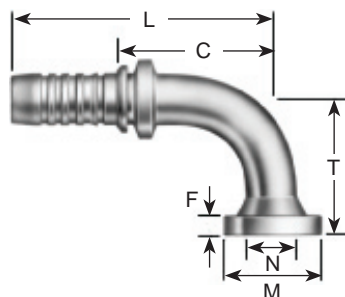
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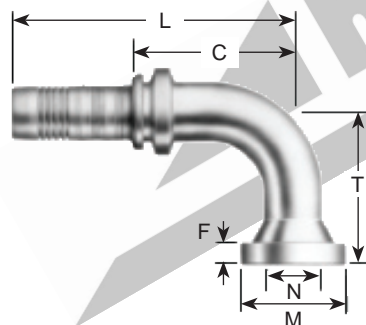
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Code 62 O-Ring Flange Heavy – 90° Bent Tube



PCS Couplings - Suits G3K, C12

| Hardy Spicer Part Number | Gates Desc. | Gates Part Number | Hose ID | | N | M | T | L | C | F |
|--------------------------|---------------|-------------------|---------|------|-------|------|-------|-------|-------|------|
| | | | inch | mm | inch | mm | mm | mm | mm | mm |
| PCS6FL90-24-24 | 24PCS-24FLH90 | 7342-10365 | 1-1/2 | 38.1 | 1-1/2 | 63.5 | 93.7 | 169.4 | 98.6 | 12.7 |
| PCS6FL90-32-24 | 24PCS-32FLH90 | 7342-10375 | 1-1/2 | 38.1 | 2 | 79.5 | 101.6 | 169.4 | 98.6 | 12.7 |
| PCS6FL90-32-32 | 32PCS-32FLH90 | 7342-10385 | 2 | 50.8 | 2 | 79.5 | 136.7 | 216.4 | 126.5 | 12.7 |



PCM Couplings - Suits G5K, G6K

| Hardy Spicer Part Number | Gates Desc. | Gates Part Number | Hose ID | | N | M | T [®] | L | C | F |
|--------------------------|----------------|-------------------|---------|------|-------|------|----------------|-------|-------|------|
| | | | inch | mm | inch | mm | mm | mm | mm | mm |
| PCM6FL90-24-24 | 24PCM-24FLH90M | 7343-01155 | 1-1/2 | 38.1 | 1-1/2 | 63.5 | 93.5 | 199.1 | 109.5 | 12.6 |
| PCM6FL90-32-24 | 24PCM-32FLH90M | 7343-01165 | 1-1/2 | 38.1 | 2 | 79.5 | 101.6 | 199.1 | 109.5 | 12.6 |
| PCM6FL90-32-32 | 32PCM-32FLH90M | 7343-01205 | 2 | 50.8 | 2 | 79.5 | 130.0 | 230.4 | 133.1 | 12.6 |
| PCM6FL90L-32-32¥ | 32PCM-32FLH90L | 7343-00865 | 2 | 50.8 | 2 | 79.5 | 158.8 | 278.9 | 181.6 | 12.6 |

¥ Coupling pricing & availability on request.

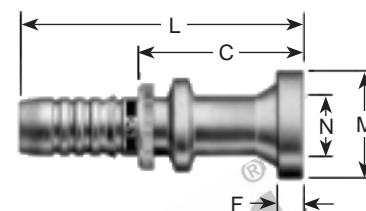
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Caterpillar-Style O-Ring Flange

GlobalSpiral Couplings - Suits EFG3K, EFG4K, EFG5K, EFG6K

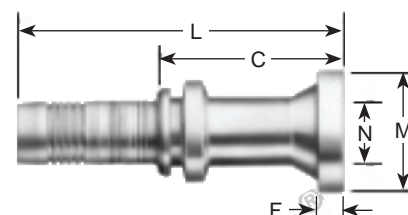


NOTE: These 9FL flanges are designed with a thicker flange head. The 0.56" flange dimension is frequently found on Caterpillar equipment. These flanges let the user utilize the existing Caterpillar flange halves or new Gates Caterpillar flange halves. At the user's option, standard Code 62 flanges and halves can be used in place of Caterpillar flanges and halves. The standard Code 62 flange head thickness ranges between .305" and .495".

| Hardy Spicer Part Number | Gates Desc. | Gates Part Number | Hose ID | | N | M | L | C | F |
|--------------------------|-------------|-------------------|---------|------|-------|------|-------|-------|------|
| | | | inch | mm | inch | mm | mm | mm | mm |
| GS9FL-12-12¥ | 12GS-12FLC | 7347-62445 | 3/4 | 19.1 | 3/4 | 41.4 | 145.0 | 94.0 | 14.2 |
| GS9FL-16-12¥ | 12GS-16FLC | 7347-62465 | 3/4 | 19.1 | 1 | 47.8 | 145.0 | 94.0 | 14.2 |
| GS9FL-16-16¥ | 16GS-16FLC | 7347-62555 | 1 | 25.4 | 1 | 47.8 | 155.0 | 98.2 | 14.2 |
| GS9FL-20-16¥ | 16GS-20FLC | 7347-62565 | 1 | 25.4 | 1 1/4 | 54.1 | 155.0 | 98.2 | 14.2 |
| GS9FL-20-20¥ | 20GS-20FLC | 7347-62645 | 1 1/4 | 31.7 | 1 1/4 | 54.1 | 187.0 | 115.9 | 14.2 |
| GS9FL-24-20¥ | 20GS-24FLC | 7347-62655 | 1 1/4 | 31.7 | 1 1/2 | 63.5 | 187.0 | 115.9 | 14.2 |

¥ Coupling pricing & availability on request.

PCM Couplings - Suits G5K, G6K



NOTE: These 9FL flanges are designed with a thicker flange head. The 0.56" flange dimension is frequently found on Caterpillar equipment. These flanges let the user utilize the existing Caterpillar flange halves or new Gates Caterpillar flange halves. At the user's option, standard Code 62 flanges and halves can be used in place of Caterpillar flanges and halves. The standard Code 62 flange head thickness ranges between .305" and .495".

| Hardy Spicer Part Number | Gates Desc. | Gates Part Number | Hose ID | | N | M | L | C | F |
|--------------------------|--------------|-------------------|---------|------|-------|------|-------|-------|------|
| | | | inch | mm | inch | mm | mm | mm | mm |
| PCM9FL-24-24¥ | 24PCM-24FLC | 7343-03445 | 1-1/2 | 38.1 | 1-1/2 | 63.5 | 181.6 | 90.7 | 14.2 |
| PCM9FL-24-24¥ | 24PCM-24FLCL | 7343-03465 | 1-1/2 | 38.1 | 1-1/2 | 63.5 | 228.6 | 138.9 | 14.2 |
| PCM9FL-32-32¥ | 32PCM-32FLC | 7343-03455 | 2 | 50.8 | 2 | 79.5 | 203.2 | 100.3 | 14.2 |

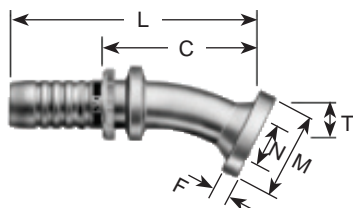
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Caterpillar-Style O-Ring Flange – 22-1/2° Bent Tube

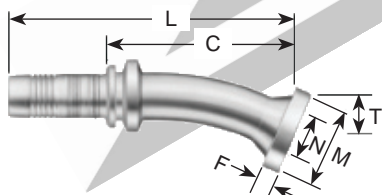


GlobalSpiral Couplings - Suits EFG3K, EFG4K, EFG5K, EFG6K

NOTE: These 9FL flanges are designed with a thicker flange head. The 0.56" flange dimension is frequently found on Caterpillar equipment. These flanges let the user utilize the existing Caterpillar flange halves or new Gates Caterpillar flange halves. At the user's option, standard Code 62 flanges and halves can be used in place of Caterpillar flanges and halves. The standard Code 62 flange head thickness ranges between .305" and .495".

| Hardy Spicer Part Number | Gates Desc. | Gates Part Number | Hose ID | | N | M | T | L | C | F |
|--------------------------|------------------|-------------------|---------|------|-------|------|------|-------|-------|------|
| | | | inch | mm | inch | mm | mm | mm | mm | mm |
| GS9FL22-12-12¥ | 12GS-12FLC22-016 | 7347-63445 | 3/4 | 19.1 | 3/4 | 41.4 | 16.0 | 143.0 | 92.0 | 14.2 |
| GS9FL22-16-16¥ | 16GS-16FLC22-017 | 7347-63555 | 1 | 25.4 | 1 | 47.8 | 17.0 | 153.0 | 95.9 | 14.2 |
| GS9FL22-20-16¥ | 16GS-20FLC22-017 | 7347-63565 | 1 | 25.4 | 1 1/4 | 54.1 | 17.0 | 153.0 | 95.9 | 14.2 |
| GS9FL22-20-20¥ | 20GS-20FLC22-017 | 7347-63645 | 1 1/4 | 31.7 | 1 1/4 | 54.1 | 17.0 | 185.0 | 113.9 | 14.2 |
| GS9FL22-24-20¥ | 20GS-24FLC22-017 | 7347-63655 | 1 1/4 | 31.7 | 1 1/2 | 63.5 | 17.0 | 185.0 | 113.9 | 14.2 |

¥ Coupling pricing & availability on request.



PCM Couplings - Suits G5K, G6K

NOTE: These 9FL flanges are designed with a thicker flange head. The 0.56" flange dimension is frequently found on Caterpillar equipment. These flanges let the user utilize the existing Caterpillar flange halves or new Gates Caterpillar flange halves. At the user's option, standard Code 62 flanges and halves can be used in place of Caterpillar flanges and halves. The standard Code 62 flange head thickness ranges between .305" and .495".

| Hardy Spicer Part Number | Gates Desc. | Gates Part Number | Hose ID | | N | M | T | L | C | F |
|--------------------------|---------------|-------------------|---------|------|-------|------|------|-------|-------|------|
| | | | inch | mm | inch | mm | mm | mm | mm | mm |
| PCM9FL22-24-24¥ | 24PCM-24FLC22 | 7343-00485 | 1-1/2 | 38.1 | 1-1/2 | 63.5 | 17.0 | 228.6 | 139.2 | 14.2 |

¥ Coupling pricing & availability on request.

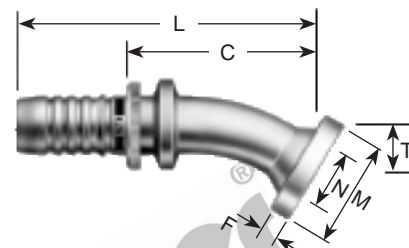
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Caterpillar-Style O-Ring Flange – 30° Bent Tube

GlobalSpiral Couplings - Suits EFG3K, EFG4K, EFG5K, EFG6K

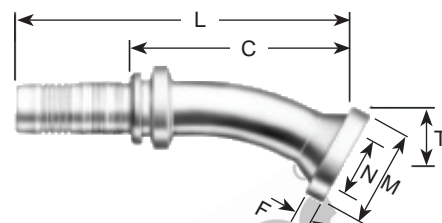


NOTE: These 9FL flanges are designed with a thicker flange head. The 0.56" flange dimension is frequently found on Caterpillar equipment. These flanges let the user utilize the existing Caterpillar flange halves or new Gates Caterpillar flange halves. At the user's option, standard Code 62 flanges and halves can be used in place of Caterpillar flanges and halves. The standard Code 62 flange head thickness ranges between .305" and .495".

| Hardy Spicer Part Number | Gates Desc. | Gates Part Number | Hose ID | | N | M | T | L | C | F |
|--------------------------|------------------|-------------------|---------|------|-------|------|------|-------|-------|------|
| | | | inch | mm | inch | mm | mm | mm | mm | mm |
| GS9FL30-12-12¥ | 12GS-12FLC30-022 | 7347-64445 | 3/4 | 19.1 | 3/4 | 41.4 | 22.0 | 140.0 | 89.0 | 14.2 |
| GS9FL30-16-12¥ | 12GS-16FLC30-022 | 7347-64465 | 3/4 | 19.1 | 1 | 47.8 | 22.0 | 141.0 | 90.0 | 14.2 |
| GS9FL30-16-16¥ | 16GS-16FLC30-023 | 7347-64555 | 1 | 25.4 | 1 | 47.8 | 23.0 | 151.0 | 93.7 | 14.2 |
| GS9FL30-20-16¥ | 16GS-20FLC30-023 | 7347-64565 | 1 | 25.4 | 1 1/4 | 54.1 | 23.0 | 151.0 | 93.7 | 14.2 |
| GS9FL30-20-20¥ | 20GS-20FLC30-024 | 7347-64645 | 1 1/4 | 31.7 | 1 1/4 | 54.1 | 24.0 | 183.0 | 111.9 | 14.2 |
| GS9FL30-24-20¥ | 20GS-24FLC30-024 | 7347-64655 | 1 1/4 | 31.7 | 1 1/2 | 63.5 | 24.0 | 183.0 | 111.9 | 14.2 |

¥ Coupling pricing & availability on request.

PCM Couplings - Suits G5K, G6K



NOTE: These 9FL flanges are designed with a thicker flange head. The 0.56" flange dimension is frequently found on Caterpillar equipment. These flanges let the user utilize the existing Caterpillar flange halves or new Gates Caterpillar flange halves. At the user's option, standard Code 62 flanges and halves can be used in place of Caterpillar flanges and halves. The standard Code 62 flange head thickness ranges between .305" and .495".

| Hardy Spicer Part Number | Gates Desc. | Gates Part Number | Hose ID | | N | M | T | L | C | F |
|--------------------------|---------------|-------------------|---------|------|-------|------|------|-------|-------|------|
| | | | inch | mm | inch | mm | mm | mm | mm | mm |
| PCM9FL30-24-24¥ | 24PCM-24FLC30 | 7343-02035 | 1-1/2 | 38.1 | 1-1/2 | 63.5 | 23.4 | 226.6 | 136.9 | 14.2 |

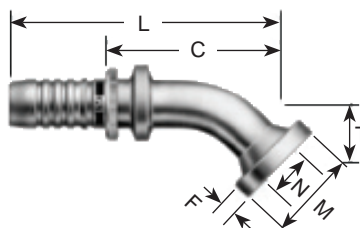
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Caterpillar-Style O-Ring Flange – 45° Bent Tube

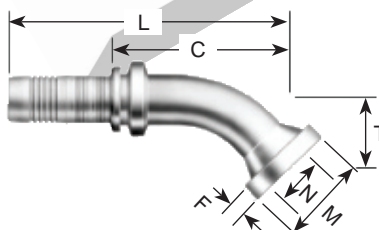


GlobalSpiral Couplings - Suits EFG3K, EFG4K, EFG5K, EFG6K

NOTE: These 9FL flanges are designed with a thicker flange head. The 0.56" flange dimension is frequently found on Caterpillar equipment. These flanges let the user utilize the existing Caterpillar flange halves or new Gates Caterpillar flange halves. At the user's option, standard Code 62 flanges and halves can be used in place of Caterpillar flanges and halves. The standard Code 62 flange head thickness ranges between .305" and .495".

| Hardy Spicer Part Number | Gates Desc. | Gates Part Number | Hose ID | | N | M | T | L | C | F |
|--------------------------|------------------|-------------------|---------|------|-------|------|------|-------|-------|------|
| | | | inch | mm | inch | mm | mm | mm | mm | mm |
| GS9FL45-12-12¥ | 12GS-12FLC45-035 | 7347-65445 | 3/4 | 19.1 | 3/4 | 41.4 | 35.0 | 133.0 | 82.0 | 14.2 |
| GS9FL45L-12-12¥ | 12GS-12FLC45-066 | 7347-76425 | 3/4 | 19.1 | 3/4 | 41.4 | 66.0 | 165.0 | 114.0 | 14.2 |
| GS9FL45-16-12¥ | 12GS-16FLC45-035 | 7347-65465 | 3/4 | 19.1 | 1 | 47.8 | 35.0 | 133.0 | 82.0 | 14.2 |
| GS9FL45-16-16¥ | 16GS-16FLC45-037 | 7347-65555 | 1 | 25.4 | 1 | 47.8 | 37.0 | 143.0 | 86.3 | 14.2 |
| GS9FL45-20-16¥ | 16GS-20FLC45-037 | 7347-65565 | 1 | 25.4 | 1 1/4 | 54.1 | 37.0 | 143.0 | 86.3 | 14.2 |
| GS9FL45-20-20¥ | 20GS-20FLC45-037 | 7347-65645 | 1 1/4 | 31.7 | 1 1/4 | 54.1 | 37.0 | 176.0 | 104.9 | 14.2 |
| GS9FL45-24-20¥ | 20GS-24FLC45-037 | 7347-65655 | 1 1/4 | 31.7 | 1 1/2 | 63.5 | 37.0 | 176.0 | 104.9 | 14.2 |

¥ Coupling pricing & availability on request.



PCM Couplings - Suits G5K, G6K

NOTE: These 9FL flanges are designed with a thicker flange head. The 0.56" flange dimension is frequently found on Caterpillar equipment. These flanges let the user utilize the existing Caterpillar flange halves or new Gates Caterpillar flange halves. At the user's option, standard Code 62 flanges and halves can be used in place of Caterpillar flanges and halves. The standard Code 62 flange head thickness ranges between .305" and .495".

| Hardy Spicer Part Number | Gates Desc. | Gates Part Number | Hose ID | | N | M | T | L | C | F |
|--------------------------|---------------|-------------------|---------|------|-------|------|------|-------|-------|------|
| | | | inch | mm | inch | mm | mm | mm | mm | mm |
| PCM9FL45-24-24¥ | 24PCM-24FLC45 | 7343-03745 | 1-1/2 | 38.1 | 1-1/2 | 63.5 | 39.1 | 219.2 | 129.5 | 14.2 |
| PCM9FL45-32-32¥ | 32PCM-32FLC45 | 7343-03755 | 2 | 50.8 | 2 | 79.5 | 63.8 | 253.0 | 156.0 | 14.2 |

¥ Coupling pricing & availability on request.

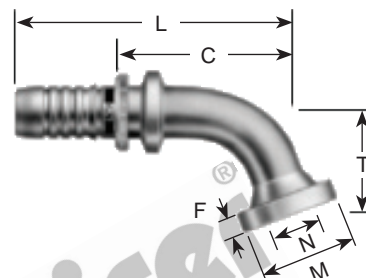
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Caterpillar-Style O-Ring Flange – 60° Bent Tube

GlobalSpiral Couplings - Suits EFG3K, EFG4K, EFG5K, EFG6K

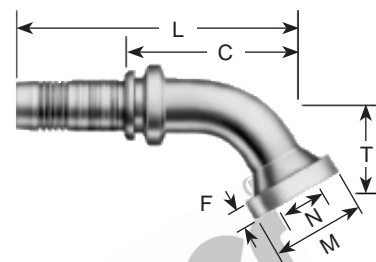


NOTE: These 9FL flanges are designed with a thicker flange head. The 0.56" flange dimension is frequently found on Caterpillar equipment. These flanges let the user utilize the existing Caterpillar flange halves or new Gates Caterpillar flange halves. At the user's option, standard Code 62 flanges and halves can be used in place of Caterpillar flanges and halves. The standard Code 62 flange head thickness ranges between .305" and .495".

| Hardy Spicer Part Number | Gates Desc. | Gates Part Number | Hose ID | | N | M | T | L | C | F |
|--------------------------|------------------|-------------------|---------|------|-------|------|------|-------|-------|------|
| | | | inch | mm | inch | mm | mm | mm | mm | mm |
| GS9FL60-12-12¥ | 12GS-16FLC60-048 | 7347-66465 | 3/4 | 19.1 | 1 | 47.8 | 48.0 | 146.0 | 95.0 | 14.2 |
| GS9FL60-16-16¥ | 16GS-16FLC60-050 | 7347-66555 | 1 | 25.4 | 1 | 47.8 | 50.0 | 163.0 | 106.0 | 14.2 |
| GS9FL60-20-16¥ | 16GS-20FLC60-050 | 7347-66565 | 1 | 25.4 | 1 1/4 | 54.1 | 50.0 | 163.0 | 106.0 | 14.2 |
| GS9FL60-20-20¥ | 20GS-20FLC60-052 | 7347-66645 | 1 1/4 | 31.7 | 1 1/4 | 54.1 | 52.0 | 198.0 | 126.9 | 14.2 |
| GS9FL60-24-20¥ | 20GS-24FLC60-052 | 7347-66655 | 1 1/4 | 31.7 | 1 1/2 | 63.5 | 52.0 | 198.0 | 126.9 | 14.2 |

¥ Coupling pricing & availability on request.

PCM Couplings - Suits G5K, G6K



NOTE: These 9FL flanges are designed with a thicker flange head. The 0.56" flange dimension is frequently found on Caterpillar equipment. These flanges let the user utilize the existing Caterpillar flange halves or new Gates Caterpillar flange halves. At the user's option, standard Code 62 flanges and halves can be used in place of Caterpillar flanges and halves. The standard Code 62 flange head thickness ranges between .305" and .495".

| Hardy Spicer Part Number | Gates Desc. | Gates Part Number | Hose ID | | N | M | T | L | C | F |
|--------------------------|---------------|-------------------|---------|------|-------|------|------|-------|-------|------|
| | | | inch | mm | inch | mm | mm | mm | mm | mm |
| PCM9FL60-24-24¥ | 24PCM-24FLC60 | 7343-03845 | 1-1/2 | 38.1 | 1-1/2 | 63.5 | 54.6 | 243.3 | 153.9 | 14.2 |
| PCM9FL60-32-32¥ | 32PCM-32FLC60 | 7343-03795 | 2 | 50.8 | 2 | 79.5 | 82.6 | 288.5 | 191.5 | 14.2 |

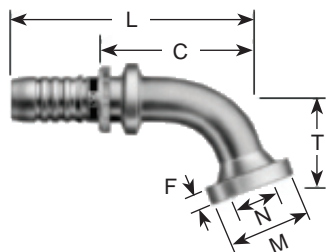
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Caterpillar-Style O-Ring Flange – 67-1/2° Bent Tube



GlobalSpiral Couplings - Suits EFG3K, EFG4K, EFG5K, EFG6K

NOTE: These 9FL flanges are designed with a thicker flange head. The 0.56" flange dimension is frequently found on Caterpillar equipment. These flanges let the user utilize the existing Caterpillar flange halves or new Gates Caterpillar flange halves. At the user's option, standard Code 62 flanges and halves can be used in place of Caterpillar flanges and halves. The standard Code 62 flange head thickness ranges between .305" and .495".

| Hardy Spicer Part Number | Gates Desc. | Gates Part Number | Hose ID | | N | M | T | L | C | F |
|--------------------------|------------------|-------------------|---------|------|-------|------|------|-------|-------|------|
| | | | inch | mm | inch | mm | mm | mm | mm | mm |
| GS9FL67-16-16¥ | 16GS-16FLC67-057 | 7347-67555 | 1 | 25.4 | 1 | 47.8 | 57.0 | 156.0 | 99.0 | 14.2 |
| GS9FL67-20-16¥ | 16GS-20FLC67-057 | 7347-67565 | 1 | 25.4 | 1 1/4 | 54.1 | 57.0 | 156.0 | 99.0 | 14.2 |
| GS9FL67-20-20¥ | 20GS-20FLC67-059 | 7347-67645 | 1 1/4 | 31.7 | 1 1/4 | 54.1 | 59.0 | 191.0 | 119.9 | 14.2 |
| GS9FL67-24-20¥ | 20GS-24FLC67-059 | 7347-67655 | 1 1/4 | 31.7 | 1 1/2 | 63.5 | 59.0 | 191.0 | 119.9 | 14.2 |

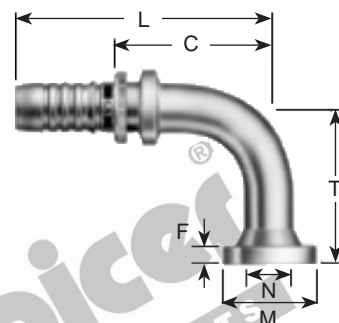
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| Document No: | HSFITCAT |
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Caterpillar-Style O-Ring Flange – 90° Bent Tube

GlobalSpiral Couplings - Suits EFG3K, EFG4K, EFG5K, EFG6K

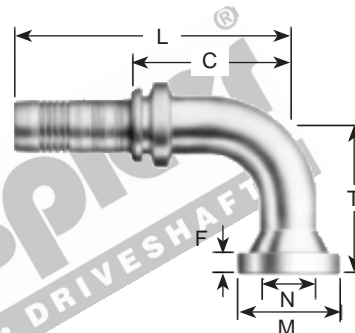


NOTE: These 9FL flanges are designed with a thicker flange head. The 0.56" flange dimension is frequently found on Caterpillar equipment. These flanges let the user utilize the existing Caterpillar flange halves or new Gates Caterpillar flange halves. At the user's option, standard Code 62 flanges and halves can be used in place of Caterpillar flanges and halves. The standard Code 62 flange head thickness ranges between .305" and .495".

| Hardy Spicer Part Number | Gates Desc. | Gates Part Number | Hose ID | | N inch | M mm | T mm | L mm | C mm | F mm |
|--------------------------|------------------|-------------------|---------|------|-----------|---------|---------|---------|---------|---------|
| | | | inch | mm | | | | | | |
| GS9FL90-12-12¥ | 12GS-12FLC90-068 | 7347-73945 | 3/4 | 19.1 | 1 | 41.3 | 68.0 | 125.0 | 74.0 | 9.5 |
| GS9FL90L-12-12¥ | 12GS-12FLC90-128 | 7347-76015 | 3/4 | 19.1 | 3/4 | 41.4 | 128.0 | 117.0 | 66.0 | 14.2 |
| GS9FL90-16-12¥ | 12GS-16FLC90-068 | 7347-73955 | 3/4 | 19.1 | 1 | 47.8 | 68.0 | 117.0 | 66.0 | 14.2 |
| GS9FL90-16-16¥ | 16GS-16FLC90-074 | 7347-68555 | 1 | 25.4 | 1 | 47.8 | 74.0 | 131.0 | 74.1 | 14.2 |
| GS9FL90L-16-16¥ | 16GS-16FLC90-132 | 7347-73035 | 1 | 25.4 | 1 | 47.8 | 132.0 | 131.0 | 74.1 | 14.2 |
| GS9FL90-20-16¥ | 16GS-20FLC90-074 | 7347-68565 | 1 | 25.4 | 1 1/4 | 54.1 | 74.0 | 131.0 | 74.1 | 14.2 |
| GS9FL90-20-20¥ | 20GS-20FLC90-077 | 7347-68645 | 1 1/4 | 31.7 | 1 1/4 | 54.1 | 77.0 | 166.0 | 94.9 | 14.2 |
| GS9FL90-24-20¥ | 20GS-24FLC90-077 | 7347-68655 | 1 1/4 | 31.7 | 1 1/2 | 63.5 | 77.0 | 166.0 | 94.9 | 14.2 |

¥ Coupling pricing & availability on request.

PCM Couplings - Suits G5K, G6K



NOTE: These 9FL flanges are designed with a thicker flange head. The 0.56" flange dimension is frequently found on Caterpillar equipment. These flanges let the user utilize the existing Caterpillar flange halves or new Gates Caterpillar flange halves. At the user's option, standard Code 62 flanges and halves can be used in place of Caterpillar flanges and halves. The standard Code 62 flange head thickness ranges between .305" and .495".

| Hardy Spicer Part Number | Gates Desc. | Gates Part Number | Hose ID | | N inch | M mm | T mm | L mm | C mm | F mm |
|--------------------------|---------------|-------------------|---------|------|-----------|---------|---------|---------|---------|---------|
| | | | inch | mm | | | | | | |
| PCM9FL90-24-24¥ | 24PCM-24FLC90 | 7343-03945 | 1-1/2 | 38.1 | 1-1/2 | 63.5 | 86.6 | 205.7 | 116.3 | 14.2 |
| PCM9FL90-32-32¥ | 32PCM-32FLC90 | 7343-03955 | 2 | 50.8 | 2 | 79.5 | 130.1 | 230.4 | 133.1 | 14.2 |

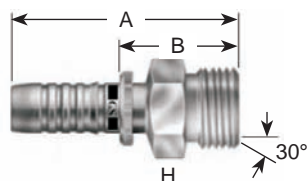
¥ Coupling pricing & availability on request.

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Male British Standard Pipe Parallel



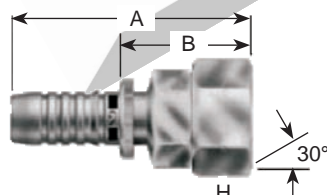
GlobalSpiral Couplings - Suits EFG3K, EFG4K, EFG5K, EFG6K

| Hardy Spicer Part Number | Gates Desc. | Gates Part Number | Hose ID | | Thread Size | A | B | H |
|--------------------------|--------------|-------------------|---------|------|-------------------|-------|------|------|
| | | | inch | mm | | mm | mm | mm |
| GSPM-06-06¥ | 6GS-6MBSPP | 7347-101775 | 3/8 | 9.5 | G 3/8" - 19 BSP | 63.0 | 27.2 | 22.0 |
| GSPM-08-06¥ | 6GS-8MBSPP | 7347-192595 | 3/8 | 9.5 | G 1/2" - 14 BSP | 68.0 | 32.2 | 27.0 |
| GSPM-08-08¥ | 8GS-8MBSPP | 7347-191365 | 1/2 | 12.7 | G 1/2" - 14 BSP | 67.5 | 30.0 | 27.0 |
| GSPM-10-10¥ | 10GS-10MBSPP | 7347-192615 | 5/8 | 15.8 | G 5/8" - 14 BSP | 84.0 | 33.7 | 30.0 |
| GSPM-12-10¥ | 10GS-12MBSPP | 7347-192625 | 5/8 | 15.8 | G 3/4" - 14 BSP | 85.0 | 34.7 | 32.0 |
| GSPM-12-12¥ | 12GS-12MBSPP | 7347-192205 | 3/4 | 19.1 | G 3/4" - 14 BSP | 85.0 | 34.7 | 32.0 |
| GSPM-16-16¥ | 16GS-16MBSPP | 7347-190825 | 1 | 25.4 | G 1" - 11 BSP | 98.0 | 41.2 | 41.0 |
| GSPM-20-20¥ | 20GS-20MBSPP | 7347-093365 | 1-1/4 | 31.7 | G 1 1/4" - 11 BSP | 119.0 | 47.9 | 50.0 |

-6 to -20 size are 42.0 MPa (6000 psi).

¥ Coupling pricing & availability on request.

Female British Standard Pipe Parallel O-Ring Swivel



GlobalSpiral Couplings - Suits EFG3K, EFG4K, EFG5K, EFG6K

| Hardy Spicer Part Number | Gates Desc. | Gates Part Number | Hose ID | | Thread Size | A | B | H |
|--------------------------|----------------|-------------------|---------|------|-------------------|-------|------|------|
| | | | inch | mm | | mm | mm | mm |
| GSBF-06-06 | 6GS-6FBSPORX | 7347-192235 | 3/8 | 9.5 | G 3/8" - 19 BSP | 59.4 | 23.5 | 22.0 |
| GSBF-08-06 | 6GS-8FBSPORX | 7347-192705 | 3/8 | 9.5 | G 1/2" - 14 BSP | 60.2 | 24.4 | 27.0 |
| GSBF-08-08 | 8GS-8FBSPORX | 7347-191405 | 1/2 | 12.7 | G 1/2" - 14 BSP | 61.0 | 23.5 | 27.0 |
| GSBF-10-08¥ | 8GS-10FBSPORX | 7347-192725 | 1/2 | 12.7 | G 5/8" - 14 BSP | 62.0 | 29.2 | 30.0 |
| GSBF-10-10 | 10GS-10FBSPORX | 7347-192405 | 5/8 | 15.8 | G 5/8" - 14 BSP | 80.5 | 30.2 | 30.0 |
| GSBF-12-10¥ | 10GS-12FBSPORX | 7347-193965 | 5/8 | 15.8 | G 3/4" - 14 BSP | 82.3 | 32.0 | 32.0 |
| GSBF-12-12 | 12GS-12FBSPORX | 7347-193995 | 3/4 | 19.1 | G 3/4" - 14 BSP | 85.0 | 34.0 | 32.0 |
| GSBF-16-16 | 16GS-16FBSPORX | 7347-190815 | 1 | 25.4 | G 1" - 11 BSP | 95.0 | 38.6 | 41.0 |
| GSBF-20-20 | 20GS-20FBSPORX | 7347-093375 | 1-1/4 | 31.7 | G 1 1/4" - 11 BSP | 116.5 | 45.4 | 50.0 |

-6 to -20 size are 42.0 MPa (6000 psi).

¥ Coupling pricing & availability on request.

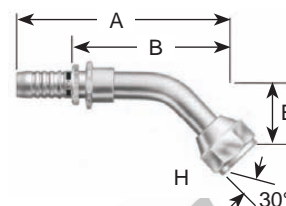
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Female British Standard Pipe Parallel O-Ring Swivel – 45° Bent Tube

GlobalSpiral Couplings - Suits EFG3K, EFG4K, EFG5K, EFG6K



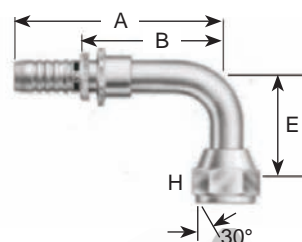
| Hardy Spicer Part Number | Gates Desc. | Gates Part Number | Hose ID | | Thread Size | A | B | E | H |
|--------------------------|------------------|-------------------|---------|------|-------------------|-------|-------|------|------|
| | | | inch | mm | | mm | mm | mm | mm |
| GSBF45-06-06 | 6GS-6FBSPORX45 | 7347-192345 | 3/8 | 9.5 | G 3/8" - 19 BSP | 82.2 | 46.3 | 15.4 | 22.0 |
| GSBF45-08-08 | 8GS-8FBSPORX45 | 7347-191415 | 1/2 | 12.7 | G 1/2" - 14 BSP | 91.5 | 54.1 | 17.0 | 27.0 |
| GSBF45-10-10 | 10GS-10FBSPORX45 | 7347-192285 | 5/8 | 15.8 | G 5/8" - 14 BSP | 118.0 | 67.7 | 21.3 | 30.0 |
| GSBF45-12-10¥ | 10GS-12FBSPORX45 | 7347-193975 | 5/8 | 15.8 | G 3/4" - 14 BSP | 127.9 | 77.6 | 31.2 | 32.0 |
| GSBF45-12-12 | 12GS-12FBSPORX45 | 7347-194005 | 3/4 | 19.1 | G 3/4" - 14 BSP | 134.4 | 83.4 | 28.3 | 32.0 |
| GSBF45-16-16 | 16GS-16FBSPORX45 | 7347-192275 | 1 | 25.4 | G 1" - 11 BSP | 155.5 | 99.1 | 30.9 | 41.0 |
| GSBF45-20-20 | 20GS-20FBSPORX45 | 7347-093395 | 1-1/4 | 31.7 | G 1 1/4" - 11 BSP | 191.1 | 119.9 | 37.5 | 50.0 |

-6 to -20 size are 42.0 MPa (6000 psi).

¥ Coupling pricing & availability on request.

Female British Standard Pipe Parallel O-Ring Swivel - 90° Bent Tube

GlobalSpiral Couplings - Suits EFG3K, EFG4K, EFG5K, EFG6K



| Hardy Spicer Part Number | Gates Desc. | Gates Part Number | Hose ID | | Thread Size | A | B | E | H |
|--------------------------|------------------|-------------------|---------|------|-------------------|-------|-------|------|------|
| | | | inch | mm | | mm | mm | mm | mm |
| GSBF90-06-06 | 6GS-6FBSPORX90 | 7347-192355 | 3/8 | 9.5 | G 3/8" - 19 BSP | 78.0 | 42.2 | 32.0 | 22.0 |
| GSBF90-08-08 | 8GS-8FBSPORX90 | 7347-191425 | 1/2 | 12.7 | G 1/2" - 14 BSP | 88.0 | 50.5 | 37.5 | 27.0 |
| GSBF90-10-10 | 10GS-10FBSPORX90 | 7347-192295 | 5/8 | 15.8 | G 5/8" - 14 BSP | 112.5 | 62.2 | 46.0 | 30.0 |
| GSBF90-12-10¥ | 10GS-12FBSPORX90 | 7347-193985 | 5/8 | 15.8 | G 3/4" - 14 BSP | 112.5 | 62.2 | 60.0 | 32.0 |
| GSBF90-12-12 | 12GS-12FBSPORX90 | 7347-194015 | 3/4 | 19.1 | G 3/4" - 14 BSP | 126.0 | 75.0 | 60.0 | 32.0 |
| GSBF90-16-16 | 16GS-16FBSPORX90 | 7347-190785 | 1 | 25.4 | G 1" - 11 BSP | 151.0 | 94.6 | 70.0 | 41.0 |
| GSBF90-20-20 | 20GS-20FBSPORX90 | 7347-093405 | 1-1/4 | 31.7 | G 1 1/4" - 11 BSP | 180.5 | 109.4 | 80.0 | 50.0 |

-6 to -20 size are 42.0 MPa (6000 psi).

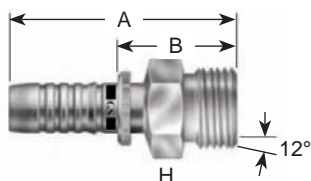
¥ Coupling pricing & availability on request.

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Male DIN parallel 24° cone – Light Series.

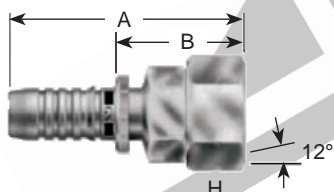


GlobalSpiral Couplings - Suits EFG3K, EFG4K, EFG5K, EFG6K

| Hardy Spicer Part Number | Gates Desc. | Gates Part Number | Hose ID | | Thread Size | A | B | H |
|--------------------------|-------------|-------------------|---------|------|-------------|------|------|------|
| | | | inch | mm | | mm | mm | mm |
| GSLMM-18-06 | 6GS-12MDL | 7347-193445 | 3/8 | 9.5 | M18 x 1.5 | 60.0 | 24.2 | 19.0 |
| GSLMM-22-08 | 8GS-15MDL | 7347-190625 | 1/2 | 12.7 | M22 x 1.5 | 63.0 | 25.5 | 24.0 |

-6 and -8 size are 42.0 MPa (6000 psi).

Female DIN 24° Cone Swivel – Light Series with O-Ring



GlobalSpiral Couplings - Suits EFG3K, EFG4K, EFG5K, EFG6K

| Hardy Spicer Part Number | Gates Desc. | Gates Part Number | Hose ID | | Thread Size | A | B | H |
|--------------------------|---------------|-------------------|---------|------|-------------|-------|------|------|
| | | | inch | mm | | mm | mm | mm |
| GSLMF-18-06 | 6GS-12FDLORX | 7347-192815 | 3/8 | 9.5 | M18 x 1.5 | 73.0 | 37.2 | 22.0 |
| GSLMF-22-08 | 8GS-15FDLORX | 7347-190595 | 1/2 | 12.7 | M22 x 1.5 | 73.0 | 35.5 | 27.0 |
| GSLMF-26-10 | 10GS-18FDLORX | 7347-092105 | 5/8 | 15.8 | M26 x 1.5 | 91.8 | 41.5 | 32.0 |
| GSLMF-30-12 | 12GS-22FDLORX | 7347-092125 | 3/4 | 19.1 | M30 x 2.0 | 97.0 | 46.0 | 36.0 |
| GSLMF-36-12 | 12GS-28FDLORX | 7347-092165 | 3/4 | 19.1 | M36 x 2.0 | 99.0 | 48.0 | 41.0 |
| GSLMF-36-16 | 16GS-28FDLORX | 7347-190795 | 1 | 25.4 | M36 x 2.0 | 105.0 | 48.6 | 41.0 |

-6 to -16 size are 42.0 MPa (6000 psi).

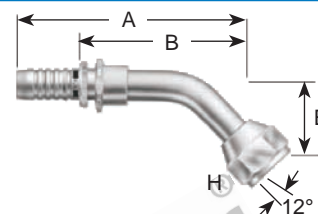
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Female DIN 24° Cone Swivel – Light Series with O-Ring – 45° Bent Tube

GlobalSpiral Couplings - Suits EFG3K, EFG4K, EFG5K, EFG6K



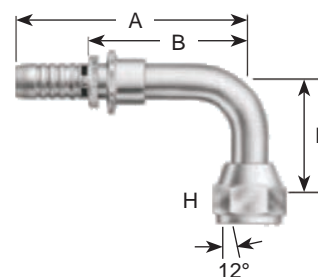
| Hardy Spicer Part Number | Gates Desc. | Gates Part Number | Hose ID | | Thread Size | A | B | E | H |
|--------------------------|----------------|-------------------|---------|------|-------------|------|------|------|------|
| | | | inch | mm | | mm | mm | mm | mm |
| GSLMF45-22-08 | 8GS-15FDLORX45 | 7347-190605 | 1/2 | 12.7 | M22 x 1.5 | 94.7 | 57.2 | 20.2 | 27.0 |

E drop dimensions meet draft of international standard 12151-2.

-8 size is 42.0 MPa (6000 psi).

Female DIN 24° Cone Swivel – Light Series with O-Ring – 90° Bent Tube

GlobalSpiral Couplings - Suits EFG3K, EFG4K, EFG5K, EFG6K



| Hardy Spicer Part Number | Gates Desc. | Gates Part Number | Hose ID | | Thread Size | A | B | E | H |
|--------------------------|-----------------|-------------------|---------|------|-------------|-------|------|------|------|
| | | | inch | mm | | mm | mm | mm | mm |
| GSLMF90-18-06 | 6GS-12FDLORX90 | 7347-192455 | 3/8 | 9.5 | M18 x 1.5 | 78.0 | 42.2 | 37.0 | 22.0 |
| GSLMF90-22-08 | 8GS-15FDLORX90 | 7347-190615 | 1/2 | 12.7 | M22 x 1.5 | 88.0 | 50.5 | 42.0 | 27.0 |
| GSLMF90-26-10 | 10GS-18FDLORX90 | 7347-192515 | 5/8 | 15.8 | M26 x 1.5 | 113.5 | 63.2 | 51.5 | 32.0 |
| GSLMF90-30-12 | 12GS-22FDLORX90 | 7347-092135 | 3/4 | 19.1 | M30 x 2.0 | 126.0 | 75.0 | 62.0 | 36.0 |
| GSLMF90-36-16 | 16GS-28FDLORX90 | 7347-090765 | 1 | 25.4 | M36 x 2.0 | 151.0 | 94.6 | 70.0 | 41.0 |

E drop dimensions meet draft of international standard 12151-2.

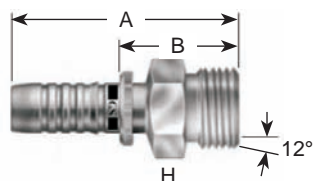
-6 to -16 size are 42.0 MPa (6000 psi).

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Male DIN 24° Cone – Heavy Series



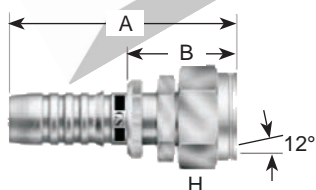
GlobalSpiral Couplings - Suits EFG3K, EFG4K, EFG5K, EFG6K

| Hardy Spicer Part Number | Gates Desc. | Gates Part Number | Hose ID | | Thread Size | A | B | H |
|--------------------------|-------------|-------------------|---------|------|-------------|-------|------|------|
| | | | inch | mm | | mm | mm | mm |
| GSHMM-20-06 | 6GS-12MDH | 7347-101785 | 3/8 | 9.5 | M20 x 1.5 | 63.7 | 27.9 | 22.0 |
| GSHMM-22-06 | 6GS-14MDH | 7347-192675 | 3/8 | 9.5 | M22 x 1.5 | 65.7 | 30.0 | 24.0 |
| GSHMM-24-08 | 8GS-16MDH | 7347-191325 | 1/2 | 12.7 | M24 x 1.5 | 67.5 | 30.0 | 27.0 |
| GSHMM-30-10 | 10GS-20MDH | 7347-192695 | 5/8 | 15.8 | M30 x 2.0 | 85.0 | 34.7 | 32.0 |
| GSHMM-30-12 | 12GS-20MDH | 7347-192255 | 3/4 | 19.1 | M30 x 2.0 | 85.0 | 34.0 | 32.0 |
| GSHMM-36-12 | 12GS-25MDH | 7347-192265 | 3/4 | 19.1 | M36 x 2.0 | 89.0 | 38.0 | 41.0 |
| GSHMM-42-12¥ | 12GS-30MDH | 7347-193765 | 3/4 | 19.1 | M42 x 2.0 | 95.0 | 44.0 | 46.0 |
| GSHMM-36-16 | 16GS-25MDH | 7347-191505 | 1 | 25.4 | M36 x 2.0 | 97.0 | 40.2 | 41.0 |
| GSHMM-42-16 | 16GS-30MDH | 7347-191515 | 1 | 25.4 | M42 x 2.0 | 99.0 | 42.2 | 46.0 |
| GSHMM-52-20 | 20GS-38MDH | 7347-093295 | 1-1/4 | 31.7 | M52 x 2.0 | 123.0 | 51.9 | 55.0 |

-6 to -20 size are 42.0 MPa (6000 psi).

¥ Coupling pricing & availability on request.

Female DIN 24° Cone Swivel – Heavy Series with O-Ring



GlobalSpiral Couplings - Suits EFG3K, EFG4K, EFG5K, EFG6K

| Hardy Spicer Part Number | Gates Desc. | Gates Part Number | Hose ID | | Thread Size | A | B | H |
|--------------------------|---------------|-------------------|---------|------|-------------|-------|------|------|
| | | | inch | mm | | mm | mm | mm |
| GSHMF-20-06 | 6GS-12FDHORX | 7347-192645 | 3/8 | 9.5 | M20 x 1.5 | 73.0 | 37.2 | 24.0 |
| GSHMF-22-06 | 6GS-14FDHORX | 7347-192085 | 3/8 | 9.5 | M22 x 1.5 | 75.5 | 39.7 | 27.0 |
| GSHMF-22-08¥ | 8GS-14FDHORX | 7347-092095 | 1/2 | 12.7 | M22 x 1.5 | 76.5 | 38.9 | 27.0 |
| GSHMF-24-08 | 8GS-16FDHORX | 7347-191335 | 1/2 | 12.7 | M24 x 1.5 | 79.0 | 41.5 | 30.0 |
| GSHMF-30-08¥ | 8GS-20FDHORX | 7347-192715 | 1/2 | 12.7 | M30 x 2.0 | 82.0 | 44.5 | 36.0 |
| GSHMF-30-10 | 10GS-20FDHORX | 7347-192115 | 5/8 | 15.8 | M30 x 2.0 | 100.0 | 49.7 | 36.0 |
| GSHMF-36-10¥ | 10GS-25FDHORX | 7347-093425 | 5/8 | 15.8 | M30 x 2.0 | 104.0 | 53.7 | 46.0 |
| GSHMF-30-12 | 12GS-20FDHORX | 7347-192145 | 3/4 | 19.1 | M30 x 2.0 | 103.0 | 52.0 | 36.0 |
| GSHMF-36-12 | 12GS-25FDHORX | 7347-192155 | 3/4 | 19.1 | M36 x 2.0 | 107.4 | 56.4 | 46.0 |
| GSHMF-36-16 | 16GS-25FDHORX | 7347-191535 | 1 | 25.4 | M36 x 2.0 | 116.0 | 59.6 | 46.0 |
| GSHMF-42-16 | 16GS-30FDHORX | 7347-190805 | 1 | 25.4 | M42 x 2.0 | 118.0 | 61.6 | 50.0 |
| GSHMF-52-20 | 20GS-38FDHORX | 7347-093305 | 1-1/4 | 31.7 | M52 x 2.0 | 145.0 | 73.9 | 60.0 |

-6 to -20 size are 42.0 MPa (6000 psi).

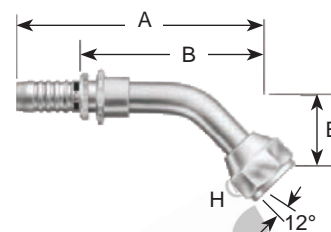
¥ Coupling pricing & availability on request.

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Female DIN 24° Cone Swivel – Heavy Series with O-Ring – 45° Bent Tube

GlobalSpiral Couplings - Suits EFG3K, EFG4K, EFG5K, EFG6K



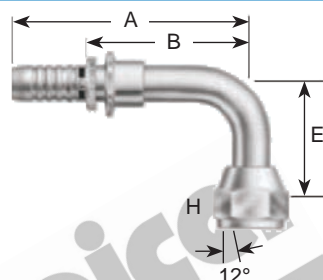
| Hardy Spicer Part Number | Gates Desc. | Gates Part Number | Hose ID | | Thread Size | A | B | E | H |
|--------------------------|-----------------|-------------------|---------|------|-------------|-------|-------|------|------|
| | | | inch | mm | | mm | mm | mm | mm |
| GSHMF45-20-06 | 6GS-12FDHORX45 | 7347-192425 | 3/8 | 9.5 | M20 x 1.5 | 86.7 | 50.8 | 18.9 | 24.0 |
| GSHMF45-22-06 | 6GS-14FDHORX45 | 7347-192465 | 3/8 | 9.5 | M22 x 1.5 | 88.8 | 53.0 | 21.0 | 24.0 |
| GSHMF45-24-08 | 8GS-16FDHORX45 | 7347-191345 | 1/2 | 12.7 | M24 x 1.5 | 96.1 | 58.7 | 21.6 | 30.0 |
| GSHMF45-30-10 | 10GS-20FDHORX45 | 7347-192325 | 5/8 | 15.8 | M30 x 2.0 | 121.6 | 71.3 | 24.9 | 36.0 |
| GSHMF45-30-12 | 12GS-20FDHORX45 | 7347-193285 | 3/4 | 19.1 | M30 x 2.0 | 160.2 | 109.9 | 29.8 | 36.0 |
| GSHMF45-36-12 | 12GS-25FDHORX45 | 7347-192175 | 3/4 | 19.1 | M36 x 2.0 | 137.3 | 86.3 | 31.2 | 46.0 |
| GSHMF45-36-16 | 16GS-25FDHORX45 | 7347-191545 | 1 | 25.4 | M36 x 2.0 | 159.7 | 103.4 | 35.1 | 46.0 |
| GSHMF45-42-16 | 16GS-30FDHORX45 | 7347-191565 | 1 | 25.4 | M42 x 2.0 | 159.7 | 103.4 | 35.1 | 50.0 |
| GSHMF45-52-20 | 20GS-38FDHORX45 | 7347-093415 | 1-1/4 | 31.7 | M52 x 2.0 | 196.0 | 124.9 | 42.5 | 60.0 |

E drop dimensions meet draft of international standard 12151-2.

-6 to -20 size are 42.0 MPa (6000 psi).

Female DIN 24° Cone Swivel – Heavy Series with O-Ring – 90° Bent Tube

GlobalSpiral Couplings - Suits EFG3K, EFG4K, EFG5K, EFG6K



| Hardy Spicer Part Number | Gates Desc. | Gates Part Number | Hose ID | | Thread Size | A | B | E | H |
|--------------------------|-----------------|-------------------|---------|------|-------------|-------|-------|------|------|
| | | | inch | mm | | mm | mm | mm | mm |
| GSHMF90-20-06 | 6GS-12FDHORX90 | 7347-192435 | 3/8 | 9.5 | M20 x 1.5 | 78.0 | 42.2 | 37.0 | 24.0 |
| GSHMF90-22-06 | 6GS-14FDHORX90 | 7347-192475 | 3/8 | 9.5 | M22 x 1.5 | 78.0 | 42.0 | 40.0 | 27.0 |
| GSHMF90-24-08 | 8GS-16FDHORX90 | 7347-191485 | 1/2 | 12.7 | M24 x 1.5 | 88.0 | 50.5 | 44.0 | 30.0 |
| GSHMF90-30-10 | 10GS-20FDHORX90 | 7347-192335 | 5/8 | 15.8 | M30 x 2.0 | 112.5 | 62.2 | 51.0 | 36.0 |
| GSHMF90-36-12 | 12GS-25FDHORX90 | 7347-192195 | 3/4 | 19.1 | M36 x 2.0 | 126.0 | 75.0 | 64.0 | 46.0 |
| GSHMF90-36-16 | 16GS-25FDHORX90 | 7347-191555 | 1 | 25.4 | M36 x 2.0 | 151.0 | 94.6 | 76.0 | 46.0 |
| GSHMF90-42-16 | 16GS-30FDHORX90 | 7347-190775 | 1 | 25.4 | M42 x 2.0 | 151.0 | 94.6 | 76.0 | 50.0 |
| GSHMF90-52-20 | 20GS-38FDHORX90 | 7347-093315 | 1-1/4 | 31.7 | M52 x 2.0 | 180.5 | 109.4 | 87.0 | 60.0 |

E drop dimensions meet draft of international standard 12151-2.

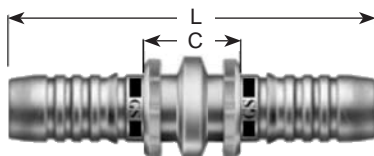
-6 to -20 size are 42.0 MPa (6000 psi).

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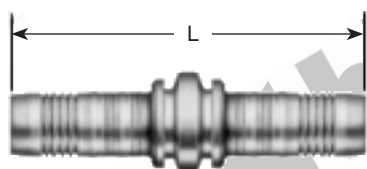
Hose Length Extender



GlobalSpiral Couplings - Suits EFG3K, EFG4K, EFG5K, EFG6K

| Hardy Spicer Part Number | Gates Desc. | Gates Part Number | Hose ID | | L mm | C mm |
|--------------------------|-------------|-------------------|---------|------|---------|---------|
| | | | inch | mm | | |
| GSHLE-08-08¥ | 8GS-8HLE | 7347-73265 | 1/2 | 12.7 | 94.0 | 19.1 |
| GSHLE-12-12¥ | 12GS-12HLE | 7347-76815 | 3/4 | 19.1 | 121.9 | 19.9 |
| GSHLE-16-16¥ | 16GS-16HLE | 7347-76625 | 1 | 25.4 | 138.0 | 24.4 |

¥ Coupling pricing & availability on request.

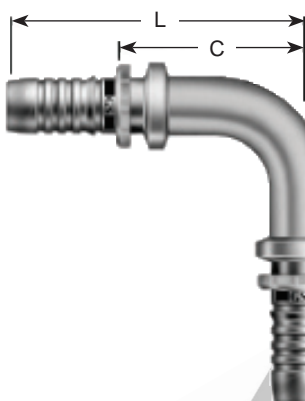


PCM Couplings - Suits G5K, G6K

| Hardy Spicer Part Number | Gates Desc. | Gates Part Number | Hose ID | | L mm |
|--------------------------|-------------|-------------------|---------|------|---------|
| | | | inch | mm | |
| PCMHLE-24-24¥ | 24PCM-24HLE | 7343-07835 | 1-1/2 | 38.1 | 212.6 |
| PCMHLE-32-32¥ | 32PCM-32HLE | 7343-07815 | 2 | 50.8 | 229.1 |

¥ Coupling pricing & availability on request.

Hose Length Extender – 90° Bent Tube



GlobalSpiral Couplings - Suits EFG3K, EFG4K, EFG5K, EFG6K

| Hardy Spicer Part Number | Gates Desc. | Gates Part Number | Hose ID | | L mm | C mm |
|--------------------------|------------------|-------------------|---------|------|---------|---------|
| | | | inch | mm | | |
| GSHLE90-08-08¥ | 8GS-8HLE90-086 | 7347-73195 | 1/2 | 12.7 | 86.0 | 48.5 |
| GSHLE90-12-12¥ | 12GS-12HLE90-112 | 7347-73965 | 3/4 | 19.1 | 111.5 | 60.5 |
| GSHLE90-16-16¥ | 16GS-16HLE90-127 | 7347-73705 | 1 | 25.4 | 127.0 | 70.2 |
| GSHLE90-20-20¥ | 20GS-20HLE90-155 | 7347-76705 | 1 1/4 | 31.7 | 155.0 | 83.9 |

¥ Coupling pricing & availability on request.

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GS Ferrule for 4-Spiral Hose

GlobalSpiral Ferrules - Suits EFG3K, EFG4K, EFG5K, EFG6K up to 1" Hose
and For 1 1/4" -20 Four Wire EFG3K and EFG4K



| Hardy Spicer Part Number | Gates Desc. | Gates Part Number | Hose ID | | L mm | Hose OD | |
|-----------------------------|-------------|----------------------|---------|------|---------|---------|------|
| | | | inch | mm | | inch | mm |
| GS-06GS1F-4 | 6GS1F-4 | 7347-03105 | 3/8 | 9.5 | 36.3 | 1.3 | 31.8 |
| GS-08GS1F-4 | 8GS1F-4 | 7347-03115 | 1/2 | 12.7 | 36.6 | 1.4 | 34.4 |
| GS-10GS1F-4 | 10GS1F-4 | 7347-03125 | 5/8 | 15.8 | 47.8 | 1.6 | 41.7 |
| GS-12GS1F-4 | 12GS1F-4 | 7347-03135 | 3/4 | 19.1 | 50.8 | 1.8 | 45.7 |
| GS-16GS1F-4 | 16GS1F-4 | 7347-03145 | 1 | 25.4 | 56.4 | 2.1 | 52.6 |
| GS-20GS1F-4 | 20GS1F-4 | 7347-03155 | 1 1/4 | 31.7 | 67.8 | 2.4 | 61.5 |

GS Ferrule for 6-Spiral Hose

GlobalSpiral Ferrules - Suits EFG5K, EFG6K

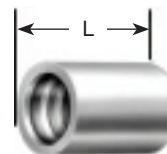


| Hardy Spicer Part Number | Gates Desc. | Gates Part Number | Hose ID | | L mm | Hose ID | |
|-----------------------------|-------------|----------------------|---------|------|---------|---------|------|
| | | | inch | mm | | inch | mm |
| GS-20GS1F-6 | 20GS1F-6 | 7347-02905 | 1 1/4 | 31.7 | 72.9 | 2.7 | 67.8 |

¥ Coupling pricing & availability on request.

PCM Skive Ferrules

PCM Ferrules - Suits G5K, G6K



| Hardy Spicer Part Number | Gates Desc. | Gates Part Number | L | | Hose ID | |
|-----------------------------|-------------|----------------------|------|------|---------|------|
| | | | mm | inch | inch | mm |
| PCM-24PCM-2F¥ | 24PCM-2F | 7343-02545 | 88.9 | 2.44 | 2.44 | 62.1 |
| PCM-32PCM-2F | 32PCM-2F | 7343-02575 | 93.5 | 3.00 | 3.00 | 76.2 |
| PCM-24PCM-G6K | 24PCM-G6K | 7343-09805 | 89.7 | 2.77 | 2.77 | 70.4 |

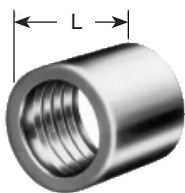
¥ Coupling pricing & availability on request.

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PCS Non-Skive Ferrule

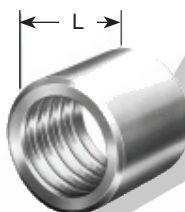


PCS Ferrules - Suits G3K, C12

| Hardy Spicer Part Number | Gates Desc. | Gates Part Number | L | | Hose ID | |
|-----------------------------|-------------|----------------------|------|------|---------|--|
| | | | mm | inch | mm | |
| PCS-24PCS1F | 24PCS1F | 7342-07755 | 88.9 | 2.77 | 70.4 | |
| PCS-32PCS1F | 32PCS1F | 7342-07775 | 87.1 | 3.34 | 84.8 | |

¥ Coupling pricing & availability on request.

PCS Skive Ferrule



PCS Ferrules - Suits G3K, C12

| Hardy Spicer Part Number | Gates Desc. | Gates Part Number | L | | Hose ID | |
|-----------------------------|-------------|----------------------|------|------|---------|--|
| | | | mm | inch | mm | |
| PCS-24PCS-2F¥ | 24PCS-2F | 7342-07575 | 70.4 | 2.54 | 64.5 | |
| PCS-32PCS-2F¥ | 32PCS-2F | 7342-07585 | 87.1 | 3.08 | 78.2 | |

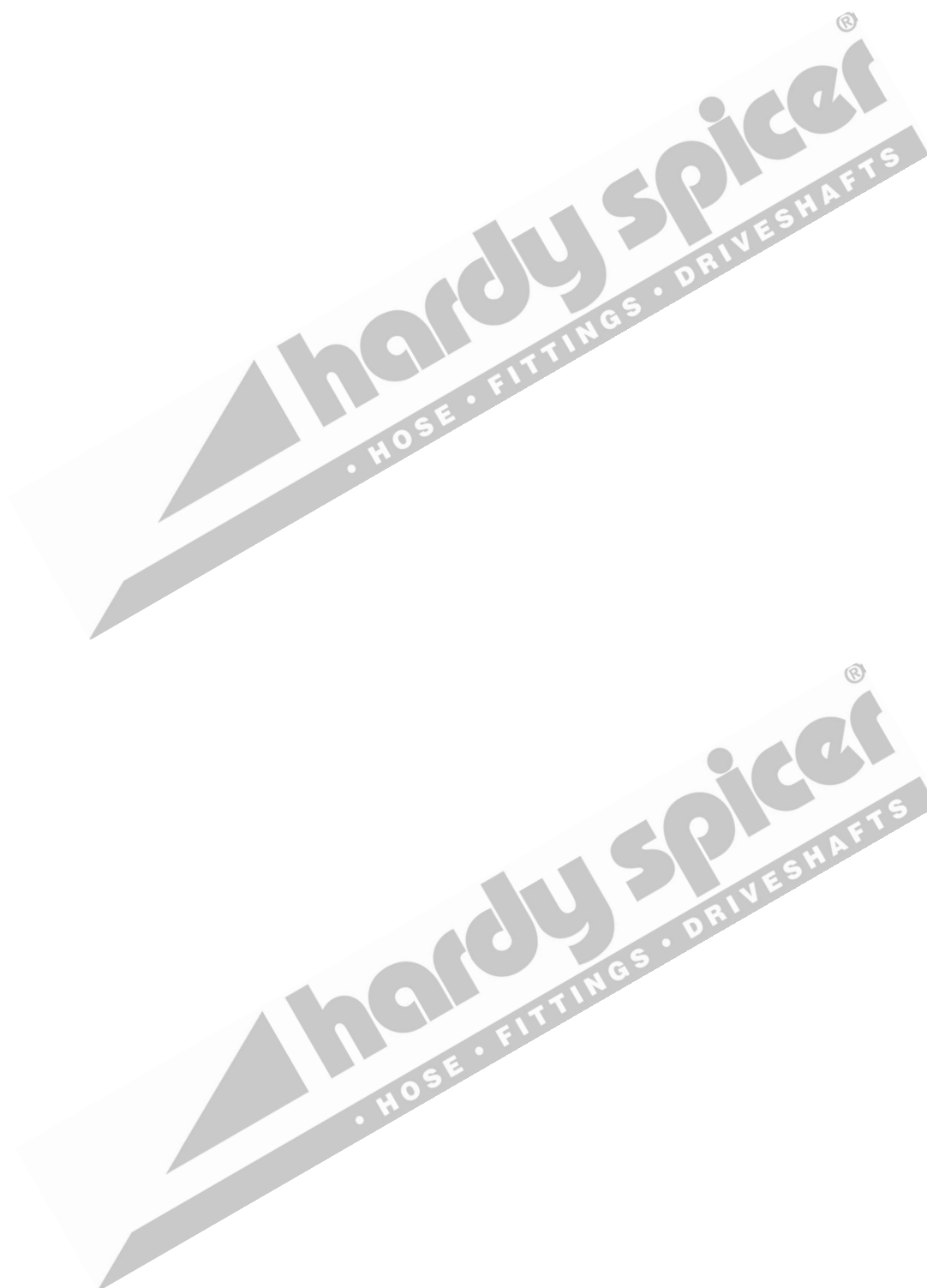
¥ Coupling pricing & availability on request.

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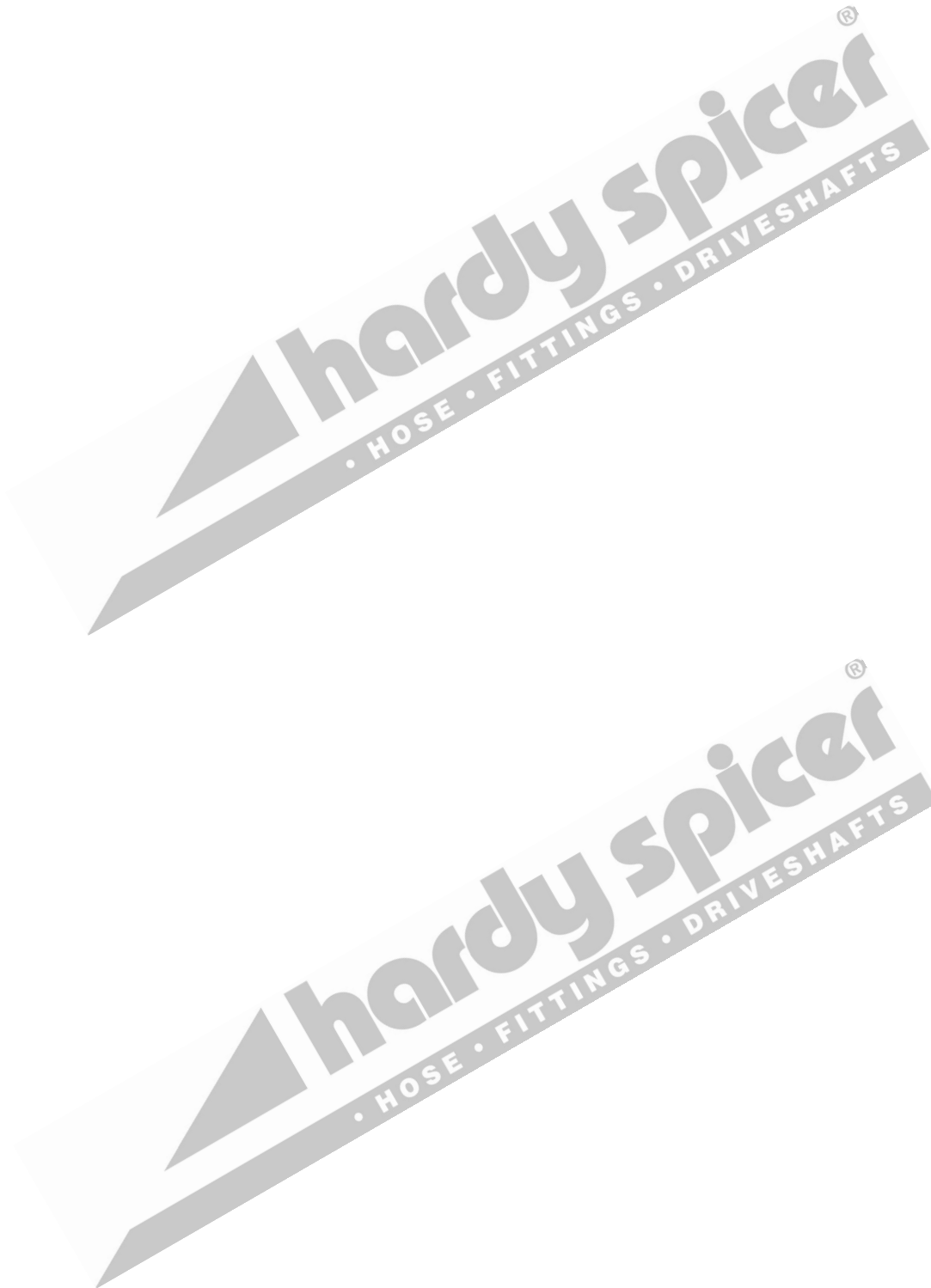


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