



Fittings for Spiral Hose



Hardy Spicer, 17-31 Discovery Road, Dandenong South, Victoria, 3175

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www.hardyspicer.com.au

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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

Alternatively via mail at PO Box 4262, Dandenong South, Vic. 3164.

Spiral Fittings

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Spiral Fittings

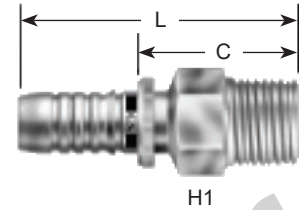
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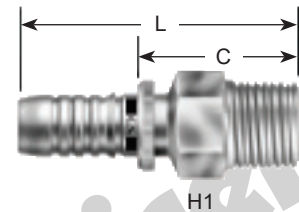
Male Pipe (NPTF – 30° Cone Seat)

GlobalSpiral Couplings - Suits EFG3K, EFG4K, EFG5K, EFG6K

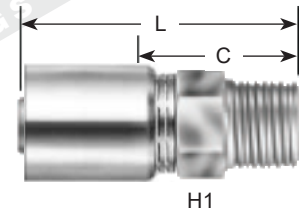


Hardy Spicer Part Number	Gates Desc.	Gates Part Number	Hose ID		Thread Size	H1	L	C
			inch	mm		inch	mm	mm
GSNM-06-06	6GS-6MP	7347-20145	3/8	9.5	3/8-18	11/16	69.0	33.2
GSNM-08-06	6GS-8MP	7347-20155	3/8	9.5	1/2-14	7/8	73.0	37.1
GSNM-08-08	8GS-8MP	7347-20245	1/2	12.7	1/2-14	7/8	74.0	36.5
GSNM-12-08¥	8GS-12MP	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.



Hardy Spicer Part Number	Gates Description	Gates Part Number	Hose ID		Thread Size	H1	L	C
			Inch	mm		Inch	mm	mm
GSPNM-24-24	24GSP-24MP	7347-20725	1 1/2	38.1	1 1/2-11 1/2	2	133	59.4
GSPNM-32-32	32GSP-32MP	7347-20795	2	50.8	2-11 1/2	2.5	153.7	61.7



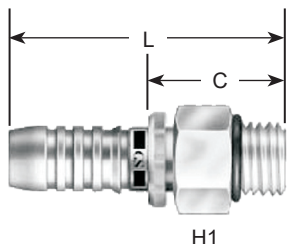
Hardy Spicer Part Number	Gates Description	Gates Part Number	Hose ID		Thread Size	H1	L	C
			Inch	mm		Inch	mm	mm
GSMNM-24-24	24GSM-24MP	7341-02585	1 1/2	38.1	1 1/2-11	2	165.3	70.3
GSMNM-32-32	32GSM-32MP	7341-20405	2	50.8	2-11 1/2	2.75	191.6	77.5

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Male O-Ring Boss



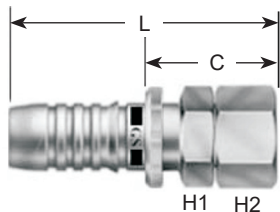
GlobalSpiral Couplings - Suits EFG3K, EFG4K, EFG5K, EFG6K

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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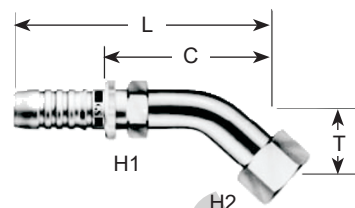
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Female MegaSeal® Swivel – 45° Bent Tube

GlobalSpiral Couplings - Suits EFG3K, EFG4K, EFG5K, EFG6K

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



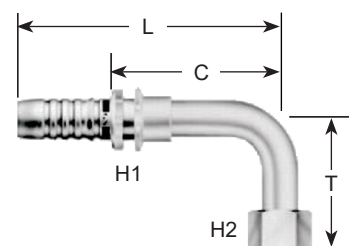
Hardy Spicer Part Number	Gates Desc.	Gates Part Number	Hose ID		Thread Size	H1	H2	T	L	C
			inch	mm		inch	inch	mm	mm	mm
GSJFMS45-17-12¥	12GS-12FMX45-032	7347-73275	3/4	19.1	1 1/16-12	1 1/8	1 1/4	32.0	129.0	78.0
GSJFMS45-21-16¥	16GS-16FMX45-038	7347-70555	1	25.4	1 5/16-12	1 1/2	1 1/2	38.0	159.0	102.6

¥ 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

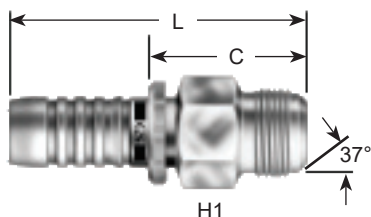
¥ Coupling pricing & availability on request.

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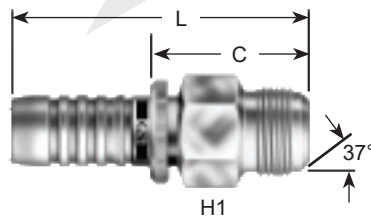
Male JIC 37° Flare



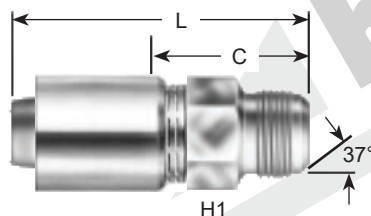
GlobalSpiral Couplings - Suits EFG3K, EFG4K, EFG5K, EFG6K

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.



Hardy Spicer Part Number	Gates Description	Gates Part Number	Hose ID		Thread Size	H1	L	C
			Inch	mm		Inch	mm	mm
GSPJM-26-24¥	24GSP-20MJ	7347-81455	1 1/2	38.1	1 5/8-12	1.97	127	53.7
GSPJM-30-24	24GSP-24MJ	7347-81465	1 1/2	38.1	1 7/8-12	1.97	130	56.4
GSPJM-40-32	32GSP-32MJ	7347-81535	2	50.8	2 1/2-12	2.56	161.1	69.1



Hardy Spicer Part Number	Gates Description	Gates Part Number	Hose ID		Thread Size	H1	L	C
			Inch	mm		Inch	mm	mm
GSMJM-30-24	24GSM-24MJ	7341-02555	1 1/2	38.1	1 7/8-12	1.97	162.3	67.3
GSMJM-40-32	32GSM-32MJ	7341-20465	2	50.8	2 1/2-12	2.56	196.2	82.2

¥ Coupling pricing & availability on request.

Spiral Fittings

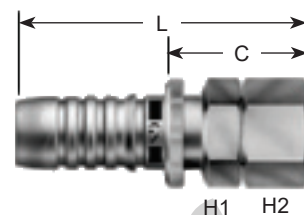
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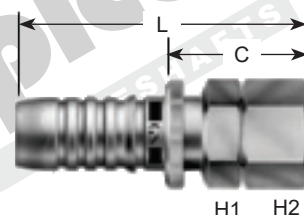
Female JIC 37° Flare Swivel

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.



Hardy Spicer Part Number	Gates Description	Gates Part Number	Hose ID		Thread Size	H1	H2	L	C
			Inch	mm		Inch	Inch	mm	mm
GSPJF-30-24	24GSP-24FJX	7347-82455	1 1/2	38.1	1 7/8-12	1.97	2.36	143.4	69.7
GSPJF-40-24¥	24GSP-32FJX	7347-82465	1 1/2	38.1	2 1/2-12	2.56	2.95	172.6	80.6
GSPJF-40-32	32GSP-32FJX	7347-82525	2	50.8	2 1/2-12	2.56	2.95	172.6	80.6

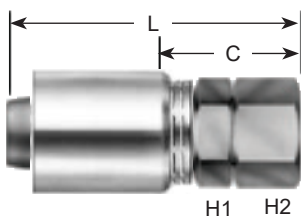
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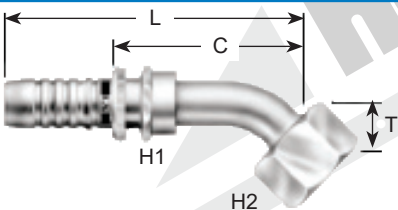
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Female JIC 37° Flare Swivel Cont.



Hardy Spicer Part Number	Gates Description	Gates Part Number	Hose ID		Thread Size	H1	H2	L	C
			Inch	mm		Inch	Inch	mm	mm
GSMJF-30-24	24GSM-24FJX	7341-02525	1 1/2	38.1	1 7/8-12	2.17	2.36	172.3	77.2
GSMJF-40-32	32GSM-32FJX	7341-20455	2	50.8	2 1/2-12	2.76	2.95	205.1	91.1

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.

Spiral Fittings

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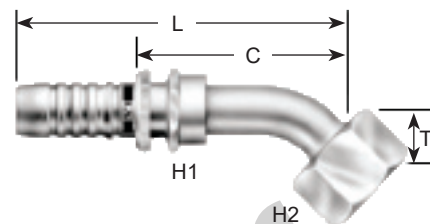
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Female JIC 37° Flare Swivel – 45° Bent Tube

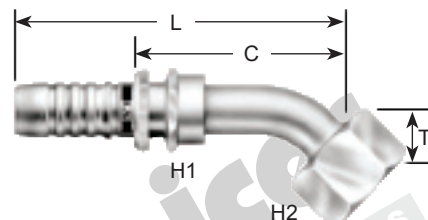
GlobalSpiral Couplings - Suits EFG3K, EFG4K, EFG5K, EFG6K

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

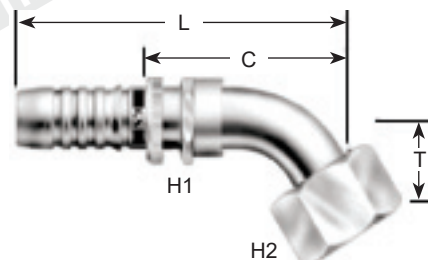
¥ Coupling pricing & availability on request.



Hardy Spicer Part Number	Gates Description	Gates Part Number	Hose ID		Thread Size	H1	H2	T	L	C
			Inch	mm		Inch	Inch	mm	mm	mm
GSPJF45-30-24	24GSP-24FJX45-050	7347-83735	1 1/2	38.1	1 7/8-12	2.16	2.36	50	233	159.5

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

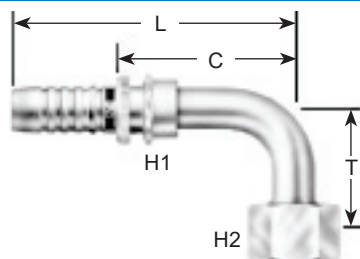
¥ Coupling pricing & availability on request.

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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
GSJF90S-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
GSJF90M-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
GSJF90M-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
GSJF90S-14-08	8GS-10FJX90S	7347-27255	1/2	12.7	7/8-14	7/8	1 1/16	32.0	92.0	54.5
GSJF90M-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
GSJF90S-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
GSJF90S-14-10	10GS-10FJX90S	7347-27345	5/8	15.8	7/8-14	1	1 1/16	32.0	107.0	56.8
GSJF90M-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
GSJF90M-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
GSJF90M-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
GSJF90M-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
GSJF90M-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
GSJF90M-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.

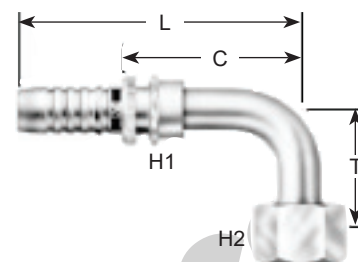
Spiral Fittings

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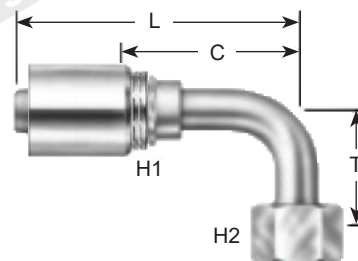
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Female JIC 37° Flare Swivel – 90° Bent Tube (Cont.)



Hardy Spicer Part Number	Gates Description	Gates Part Number	Hose ID		Thread Size	H1	H2	T	L	C
			Inch	mm		Inch	Inch	mm	mm	mm
GSPJF90-30-24	24GSP-24FJX90-089	7347-84745	1 1/2	38.1	1 7/8-12	2.16	2.36	89	212	138.4
GSPJF90L-30-24	24GSP-24FJX90-118	7347-84755	1 1/2	38.1	1 7/8-12	2.16	2.36	118	189.5	115.8

¥ Coupling pricing & availability on request.

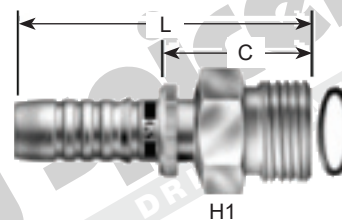


Hardy Spicer Part Number	Gates Description	Gates Part Number	Hose ID		Thread Size	H1	H2	T	L	C
			Inch	mm		Inch	Inch	mm	mm	mm
GSMJF90M-30-24	24GSM-24FJX90M	7341-02545	1 1/2	38.1	1 7/8-12	2.16	2.36	86	227.5	182.3

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

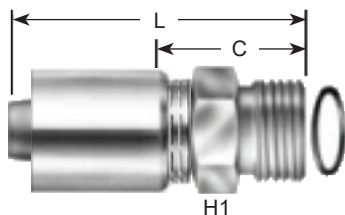
¥ Coupling pricing & availability on request.

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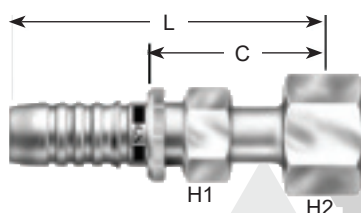
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Male Flat-Face O-Ring



Hardy Spicer Part Number	Gates Description	Gates Part Number	Hose ID		Thread Size	H1	L	C
			Inch	mm		Inch	mm	mm
GSPORFM-32-24	24GSP-24MFFOR	7347-23905	1 1/2	38.1	2-12	2.16	130	56.4

Female Flat-Face O-Ring Swivel

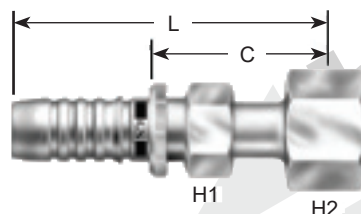


GlobalSpiral Couplings - Suits EFG3K, EFG4K, EFG5K, EFG6K

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.



Hardy Spicer Part Number	Gates Description	Gates Part Number	Hose ID		Thread Size	H1	H2	L	C
			Inch	mm		Inch	Inch	mm	mm
GSPORF-32-24	24GSP-24FFORX	7347-30725	1 1/2	38.1	2-12	2.17	2.36	137	63.4

¥ Coupling pricing & availability on request.

Note: The PCS & PCM Fittings are being phased out and replaced by the new GSP & GSH Fittings

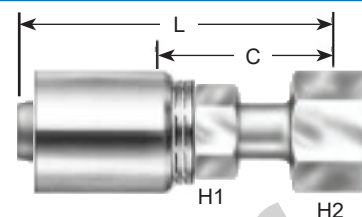
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Female Flat-Face O-Ring Swivel (Cont.)

4000 PSI Maximum

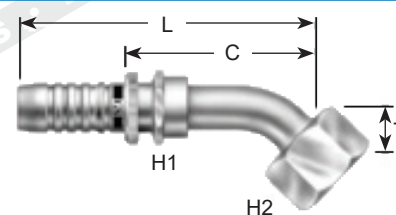


Hardy Spicer Part Number	Gates Description	Gates Part Number	Hose ID		Thread Size	H1	H2	L	C
			Inch	mm		Inch	Inch	mm	mm
GSMORF-32-24	24GSMH-24FFORX	7341-02445	1 1/2	38.1	2-12	2.17	2.36	164.4	69.4
GSMORF-40-32¥	32GSM3K-32FFORX	7341-20485	2	50.8	2 1/2-12	2.76	2.95	193	78.9

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

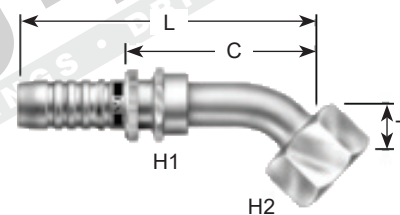
GlobalSpiral Couplings - Suits EFG3K, EFG4K, EFG5K, EFG6K

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.



Hardy Spicer Part Number	Gates Description	Gates Part Number	Hose ID		Thread Size	H1	H2	T	L	C
			Inch	mm		Inch	Inch	mm	mm	mm
GSPORF45-32-24	24GSP-24FFORX45-036	7347-31725	1 1/2	38.1	2-12	2.17	2.36	36	206.5	132.8

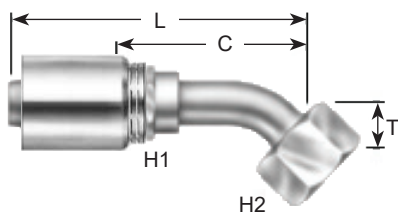
¥ Coupling pricing & availability on request.

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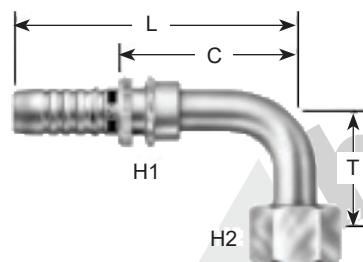
Female Flat-Face O-Ring Swivel – 45° Bent Tube (Cont.)



4000 PSI Maximum

Hardy Spicer Part Number	Gates Description	Gates Part Number	Hose ID		Thread Size	H1	H2	T	L	C
			Inch	mm		Inch	Inch	mm	mm	mm
GSMORF45-32-24	24GSM4K-24FFORX45-038	7341-02455	1 1/2	38.1	2-12	2.17	2.36	38	236.6	141.1

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
GSORF90S-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
GSORF90M-13-06	6GS-8FFORX90M	7347-33155	3/8	9.5	13/16-16	22.0	24.0	41.0	85.0	49.2
GSORF90S-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
GSORF90M-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
GSORF90M-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
GSORF90M-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
GSORF90M-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-27-16	16GS-20FFORX90S	7347-32565	1	25.4	1 11/16-12	41.0	50.0	64.0	154.0	97.6
GSORF90M-27-16	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
GSORF90M-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

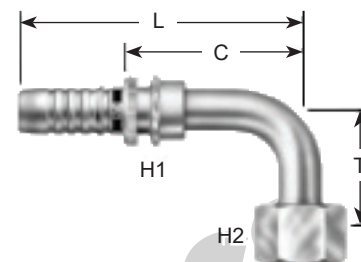
¥ Coupling pricing & availability on request.

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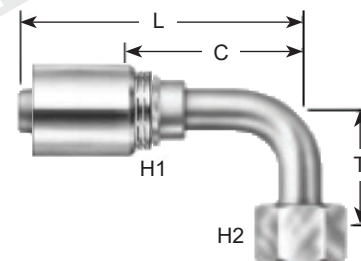
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Female Flat-Face O-Ring Swivel - 90° Bent Tube



Hardy Spicer Part Number	Gates Description	Gates Part Number	Hose ID		Thread Size	H1	H2	T	L	C
			Inch	mm		Inch	Inch	mm	mm	mm
GSPORF90M-32-24	24GSP-24FFORX90M	7347-33725	1 1/2	38.1	2-12	2.17	2.36	86	199.4	125.8
GSPORF90L-32-24	24GSP-24FFORX90L	7347-34725	1 1/2	38.1	2-12	2.17	2.36	141	199.4	125.8

4000 PSI Maximum

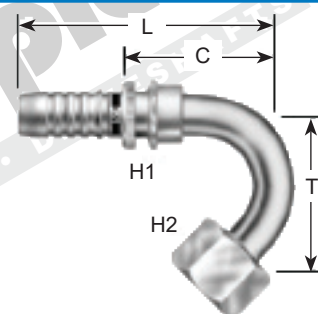


Hardy Spicer Part Number	Gates Description	Gates Part Number	Hose ID		Thread Size	H1	H2	T	L	C
			Inch	mm		Inch	Inch	mm	mm	mm
GSMORF90M-32-24	24GSM4K-24FFORX90M	7341-02475	1 1/2	38.1	2-12	2.16	2.36	86	227.4	132.3

¥ 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

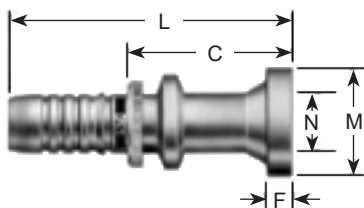
¥ Coupling pricing & availability on request.

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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	inch	mm	mm	mm	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-10FLK†	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.

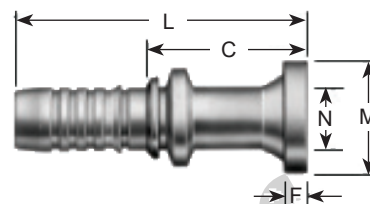
Spiral Fittings

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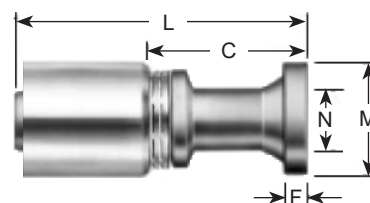
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Code 61 O-Ring Flange



-24FL Max. W.P. 3,000 psi; -32FL Max. W.P. 2,000 psi.

Hardy Spicer Part Number	Gates Description	Gates Part Number	Hose ID		N	M	L	C	F
			Inch	mm	Inch	mm	mm	mm	mm
GSP3FL-20-24¥	24GSP-20FL	7347-41715	1 1/2	38.1	1 1/4	50.8	146	72.4	8
GSP3FL-24-24	24GSP-24FL	7347-41725	1 1/2	38.1	1 1/2	60.3	152.9	79.3	8
GSP3FL-32-24	24GSP-32FL	7347-41735	1 1/2	38.1	2	71.4	147.1	75.9	9.5
GSP3FL-24-32	32GSP-24FL	7347-41785	2	50.8	1 1/2	60.3	166.0	75.9	8
GSP3FL-32-32	32GSP-32FL	7347-41795	2	50.8	2	71.4	159.3	67.3	9.5



Maximum working pressure 3000 PSI.

Hardy Spicer Part Number	Gates Description	Gates Part Number	Hose ID		N	M	L	C	F
			Inch	mm	Inch	mm	mm	mm	mm
GSM3FL-24-24	24GSM-24FL	7341-01905	1 1/2	38.1	1 1/2	60.3	180	85	8
GSM3FL-32-24	24GSM-32FL	7341-01915	1 1/2	38.1	2	71.4	188	93	9.5
GSM3FL-32-32	32GSM-32FL	7341-20255	2	50.8	2	71.4	251.4	137.4	9.5

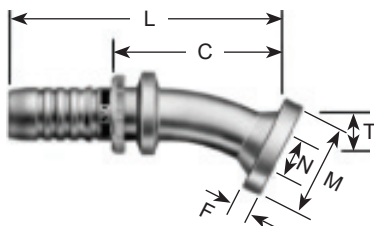
¥ Coupling pricing & availability on request.

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

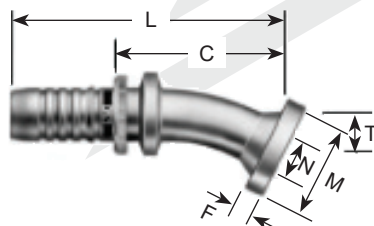


GlobalSpiral Couplings - Suits EFG3K, EFG4K, EFG5K, EFG6K

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.



-24FL Max. W.P. 3,000 psi; -32FL Max. W.P. 2,000 psi.

Hardy Spicer Part Number	Gates Description	Gates Part Number	Hose ID		N	M	T	L	C	F
			Inch	mm	Inch	mm	mm	mm	mm	mm
GSP3FL22M-24-24	24GSP-24FL22M	7347-42725	1 1/2	38.1	1 1/2	60.3	18	211	137.5	8
GSP3FL22-32-24	24GSP-32FL22M	7347-42735	1 1/2	38.1	2	71.4	22	214	140.2	9.5
GSP3FL22M-32-32	32GSP-32FL22M	7347-42795	2	50.8	2	71.4	22	275	183.5	9.5

¥ Coupling pricing & availability on request.

Note: The PCS & PCM Fittings are being phased out and replaced by the new GSP & GSH Fittings

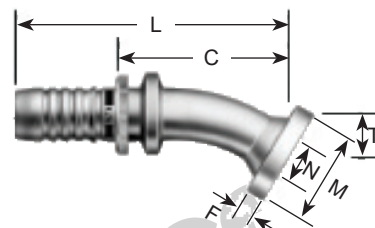
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Code 61 O-Ring Flange – 30° Bent Tube

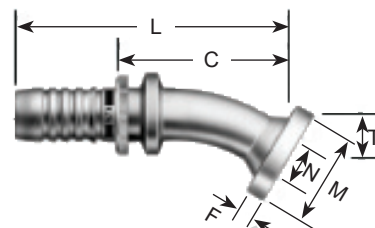
GlobalSpiral Couplings - Suits EFG3K, EFG4K, EFG5K, EFG6K



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

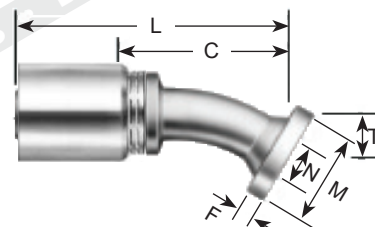
*-16FL Max. W.P. 5,000 psi; -20FL Max. W.P. 4,000 psi; -24FL Max. W.P. 3,000 psi; -32FL Max. W.P. 2,000 psi.

¥ Coupling pricing & availability on request.



-24FL Max. W.P. 3,000 psi; -32FL Max. W.P. 2,000 psi.

Hardy Spicer Part Number	Gates Description	Gates Part Number	Hose ID		N	M	T	L	C	F
			Inch	mm	Inch	mm	mm	mm	mm	mm
GSP3FL30S-24-24	24GSP-24FL30S	7347-43725	1 1/2	38.1	1 1/2	60.3	25	209	135.2	8
GSP3FL30M-32-24	24GSP-32FL30M	7347-43735	1 1/2	38.1	2	71.4	32	210	136.8	9.5
GSP3FL30M-32-32	32GSP-32FL30M	7347-43795	2	50.8	2	71.4	32	272	180.4	9.5



Hardy Spicer Part Number	Gates Description	Gates Part Number	Hose ID		N	M	T	L	C	F
			Inch	mm	Inch	mm	mm	mm	mm	mm
GSM3FL30-24-24	24GSM-24FL30M	7341-01925	1 1/2	38.1	1 1/2	60.3	45	216.4	127.0	8

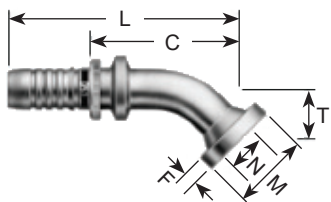
¥ Coupling pricing & availability on request.

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Code 61 O-Ring Flange – 45° Bent Tube



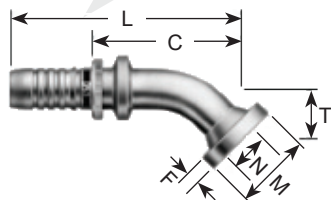
GlobalSpiral Couplings - Suits EFG3K, EFG4K, EFG5K, EFG6K

Hardy Spicer Part Number	Gates Desc.	Gates Part Number	Hose ID		N	M	T	L	C	F
			inch	mm	inch	mm	mm	mm	mm	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.

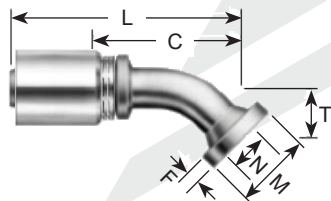
‡ Coupling pricing & availability on request.



-24FL Max. W.P. 3,000 psi; -32FL Max. W.P. 2,000 psi.

Hardy Spicer Part Number	Gates Description	Gates Part Number	Hose ID		N	M	T	L	C	F
			Inch	mm	Inch	mm	mm	mm	mm	mm
GSP3FL45-20-24‡	24GSP-20FL45S	7347-44715	1 1/2	38.1	1 1/4	50.8	32	180	114.5	8
GSP3FL45S-24-24	24GSP-24FL45S	7347-44725	1 1/2	38.1	1 1/2	60.3	38	202	128.6	8
GSP3FL45S-32-24	24GSP-32FL45S	7347-44735	1 1/2	38.1	2	71.4	52	200	126.3	9.5
GSP3FL45-24-32‡	32GSP-24FL45S	7347-44785	2	50.8	1 1/2	60.3	38	206	113.7	8
GSP3FL45S-32-32	32GSP-32FL45-066	7347-44805	2	50.8	2	71.4	66	257	165	9.5

‡ Coupling pricing & availability on request.



Hardy Spicer Part Number	Gates Description	Gates Part Number	Hose ID		N	M	T	L	C	F
			Inch	mm	Inch	mm	mm	mm	mm	mm
GSM3FL45M-24-24	24GSM-24FL45M	7341-01945	1 1/2	38.1	1 1/2	60.3	44	230	135	8
GSM3FL45-32-24	24GSM-32FL45S	7341-01955	1 1/2	38.1	1 1/2	71.4	52	232	136.6	9.5
GSM3FL45M-32-32	32GSM-32FL45M	7341-20265	2	50.8	2	79.5	56	288	173.5	9.5

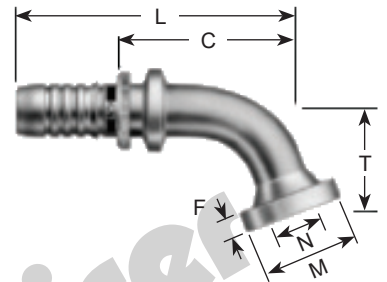
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Code 61 O-Ring Flange – 60° Bent Tube

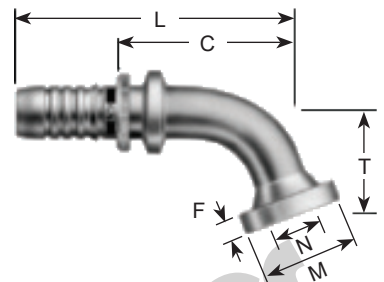
GlobalSpiral Couplings - Suits EFG3K, EFG4K, EFG5K, EFG6K



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
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.

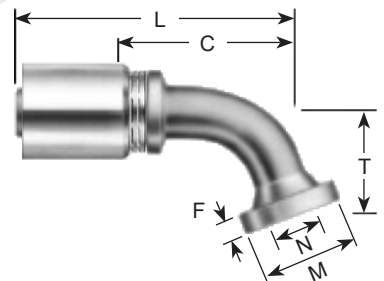
¥ Coupling pricing & availability on request.



-24FL Max. W.P. 3,000 psi; -32FL Max. W.P. 2,000 psi.

Hardy Spicer Part Number	Gates Description	Gates Part Number	Hose ID		N	M	T	L	C	F
			Inch	mm	Inch	mm	mm	mm	mm	mm
GSP3FL60S-24-24	24GSP-24FL60	7347-45725	1 1/2	38.1	1 1/2	60.3				8
GSP3FL60S-32-24	24GSP-32FL60S	7347-45735	1 1/2	38.1	2	71.4	75	234	160.9	9.5
GSP3FL60S-32-32	32GSP-32FL60S	7347-45805	2	50.8	2	71.4	75	259	167.1	9.5

¥ Coupling pricing & availability on request.



Hardy Spicer Part Number	Gates Description	Gates Part Number	Hose ID		N	M	T	L	C	F
			Inch	mm	Inch	mm	mm	mm	mm	mm
GSM3FL60M-24-24	24GSM-24FL60M	7341-01965	1 1/2	38.1	1 1/2	60.3	64	241.2	146.2	8

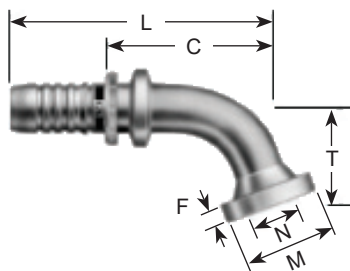
¥ Coupling pricing & availability on request.

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Code 61 O-Ring Flange – 67-1/2° Bent Tube

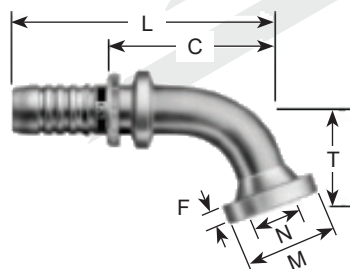


GlobalSpiral Couplings - Suits EFG3K, EFG4K, EFG5K, EFG6K

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
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.



-24FL Max. W.P. 3,000 psi; -32FL Max. W.P. 2,000 psi.

Hardy Spicer Part Number	Gates Description	Gates Part Number	Hose ID		N	M	T	L	C	F
			Inch	mm	Inch	mm	mm	mm	mm	mm
GSP3FL67S-24-24	24GSP-24FL67S	7347-46725	1 1/2	38.1	1 1/2	60.3	61	224	150.3	8
GSP3FL67S-32-24	24GSP-32FL67S	7347-46735	1 1/2	38.1	2	71.4	85	234	150.4	9.5
GSP3FL67-32-32	32GSP-32FL67S	7347-46795	2	50.8	2	71.4	85	259	166.7	9.5

¥ Coupling pricing & availability on request.

Spiral Fittings

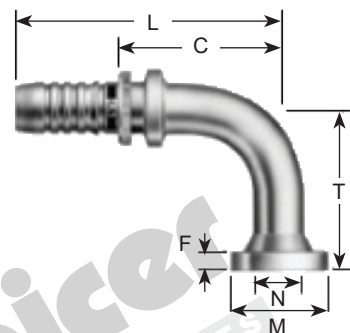
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Code 61 O-Ring Flange – 90° Bent Tube

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
GS3FL90M-08-06¥	6GS-8FL90M	7347-74155	3/8	9.5	1/2	30.2	40.0	87.0	51.2	6.7
GS3FL90M-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
GS3FL90M-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
GS3FL90M-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
GS3FL90M-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
GS3FL90S-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
GS3FL90S-20-12	12GS-20FL90-054*	7347-73995	3/4	19.1	1 1/4	50.8	54.0	131.0	80.0	8.0
GS3FL90S-16-16	16GS-16FL90S*	7347-47555	1	25.4	1	44.5	61.0	135.0	78.6	8.0
GS3FL90M-16-16	16GS-16FL90M*	7347-74555	1	25.4	1	44.5	70.0	135.0	78.6	8.0
GS3FL90L-16-16	16GS-16FL90-120*	7347-73165	1	25.4	1	44.5	120.0	134.0	77.2	8.0
GS3FL90S-20-16	16GS-20FL90S*	7347-47565	1	25.4	1 1/4	50.8	68.0	134.0	76.8	8.0
GS3FL90M-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*	7347-47575	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
GS3FL90M-16-20¥	20GS-16FL90M*	7347-74635	1 1/4	31.7	1	44.5	70.0	160.0	88.9	8.0
GS3FL90S-20-20	20GS-20FL90S*	7347-47645	1 1/4	31.7	1 1/4	50.8	68.0	165.0	93.9	8.0
GS3FL90M-20-20	20GS-20FL90M*	7347-74645	1 1/4	31.7	1 1/4	50.8	90.0	165.0	93.9	8.0
GS3FL90L-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
GS3FL90S-24-20	20GS-24FL90S*	7347-47655	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.

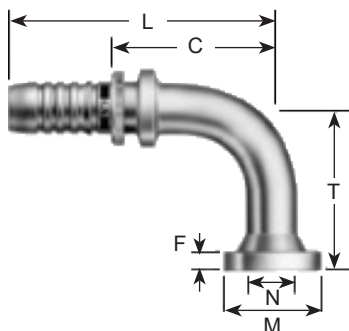
¥ Coupling pricing & availability on request.

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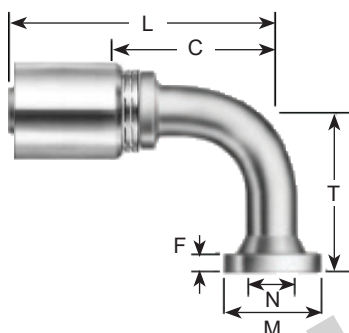
Code 61 O-Ring Flange – 90° Bent Tube



-24FL Max. W.P. 3,000 psi; -32FL Max. W.P. 2,000 psi.

Hardy Spicer Part Number	Gates Description	Gates Part Number	Hose ID		N	M	T	L	C	F
			Inch	mm						
GSP3FL90S-20-24	24GSP-20FL90S	7347-47715	1 1/2	38.1	1 1/4	50.8	68	173	99.6	8
GSP3FL90S-24-24	24GSP-24FL90S	7347-47725	1 1/2	38.1	1 1/2	60.3	81	184	109.9	8
GSP3FL90M-24-24	24GSP-24FL90M	7347-74725	1 1/2	38.1	1 1/2	60.3	104	175	101.9	8
GSP3FL90L-24-24	24GSP-24FL90-148	7347-85625	1 1/2	38.1	1 1/2	60.3	148	175	101.9	8
GSP3FL90S-32-24	24GSP-32FL90S	7347-47735	1 1/2	38.1	2	71.4	120	175	101.9	9.5
GSP3FL90-32-24	24GSP-32FL90-080	7347-47745	1 1/2	38.1	2	71.4	80	175	101.9	9.5
GSP3FL90L-32-24	24GSP-32FL90-170	7347-85435	1 1/2	38.1	2	71.4	170	175	101.9	9.5
GSP3FL90S-24-32	32GSP-24FL90S	7347-47785	2	50.8	1 1/2	60.3	81	197	104.8	8
GSP3FL90S-32-32	32GSP-32FL90-114	7347-47805	2	50.8	2	71.4	114	222	130.1	9.5
GSP3FL90L-32-32	32GSP-32FL90-165	7347-85425	2	50.8	2	71.4	165	246	154	9.5
GSP3FL90X-32-32	32GSP-32FL90-200	7347-85455	2	50.8	2	71.4	200	222	130.4	9.5
GSP3FL90-40-32	32GSP-40FL90-110	7347-74805	2	50.8	2 1/2	84.1	110	246	154.4	9.5

¥ Coupling pricing & availability on request.



Hardy Spicer Part Number	Gates Description	Gates Part Number	Hose ID		N	M	T	L	C	F
			Inch	mm						
GSM3FL90S-24-24	24GSM-24FL90S	7341-01985	1 1/2	38.1	1 1/2	60.3	81	214.9	119.9	8
GSM3FL90-32-32	32GSM-32FL90-130	7341-20275	2	50.8	2	71.4	130	264	150.5	9.5

Spiral Fittings

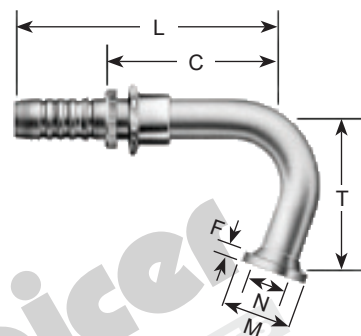
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Code 61 O-Ring Flange – 110° Bent Tube

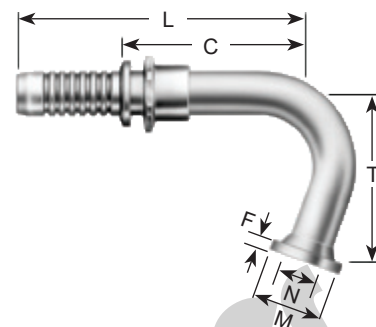
GlobalSpiral Couplings - Suits EFG3K, EFG4K, EFG5K, EFG6K



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.

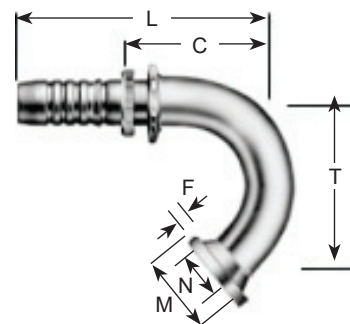


-24FL Max. W.P. 3,000 psi; -32FL Max. W.P. 2,000 psi.

Hardy Spicer Part Number	Gates Description	Gates Part Number	Hose ID		N	M	T	L	C	F
			Inch	mm	Inch	mm	mm	mm	mm	mm
GSP3FL110-24-24¥	24GSP-24FL110-094	7347-85635	1 1/2	38.1	1 1/2	60.3	94	202	128.9	8
GSP3FL110-32-32¥	32GSP-32FL110-140	7347-85465	2	50.8	2	71.4	140	248	156	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

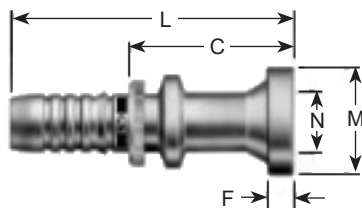
¥ Coupling pricing & availability on request.

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Code 62 O-Ring Flange Heavy

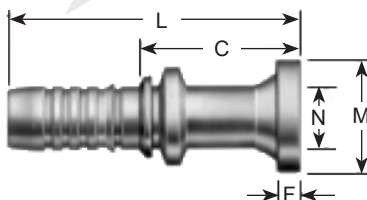


GlobalSpiral Couplings - Suits EFG3K, EFG4K, EFG5K, EFG6K

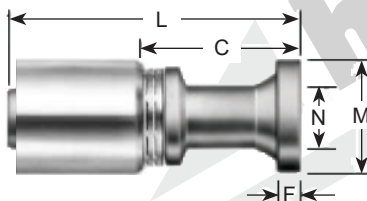
S, M and L Drops per ISO Final Draft International Standard 12151-3.

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.



Hardy Spicer Part Number	Gates Description	Gates Part Number	Hose ID		N	M	L	C	F
			Inch	mm	Inch	mm	mm	mm	mm
GSP6FL-24-24	24GSP-24FLH	7347-48725	1 1/2	38.1	1 1/2	63.5	167	93.4	12.6
GSP6FL-32-24	24GSP-32FLH	7347-48735	1 1/2	38.1	2	79.5	167	93.4	12.6
GSP6FL-32-32	32GSP-32FLH	7347-48795	2	50.8	2	79.5	180	88	12.6



Hardy Spicer Part Number	Gates Description	Gates Part Number	Hose ID		N	M	L	C	F
			Inch	mm	Inch	mm	mm	mm	mm
GSM6FL-24-24	24GSM-24FLH	7341-02255	1 1/2	38.1	1 1/2	63.5	200	105	12.6
GSM6FL-32-24	24GSM-32FLH	7341-02265	1 1/2	38.1	2	79.5	200	105	12.6
GSM6FL-24-32	32GSM-24FLH	7341-20095	2	50.8	1 1/2	63.5	229.6	115.6	12.6
GSM6FL-32-32	32GSM-32FLH	7341-20005	2	50.8	2	79.5	251.4	137.4	12.6

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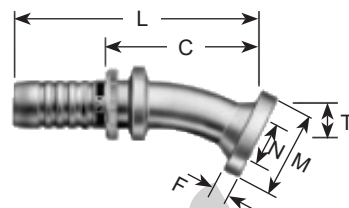
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Code 62 O-Ring Flange Heavy – 22-1/2° Bent Tube

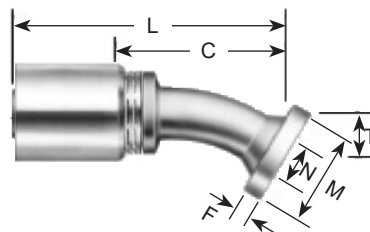
GlobalSpiral Couplings - Suits EFG3K, EFG4K, EFG5K, EFG6K

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.



Hardy Spicer Part Number	Gates Description	Gates Part Number	Hose ID		N	M	T	L	C	F
			Inch	mm	Inch	mm	mm	mm	mm	mm
GSM6FL22M-24-24¥	24GSM-24FLH22M	7341-02275	1 1/2	38.1	1 1/2	63.5	18	243	148.4	12.6
GSM6FL22-24-24	24GSM-24FLH22-024	7341-02395	1 1/2	38.1	1 1/2	63.5	24	242.5	147.5	12.6

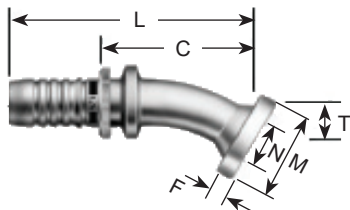
¥ Coupling pricing & availability on request.

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

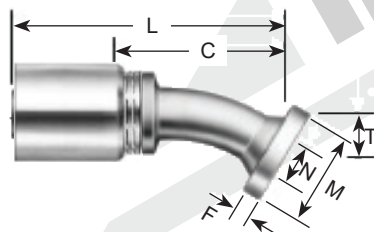


GlobalSpiral Couplings - Suits EFG3K, EFG4K, EFG5K, EFG6K

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
GS6FL30-24-24¥	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.



Hardy Spicer Part Number	Gates Description	Gates Part Number	Hose ID		N	M	T	L	C	F
			Inch	mm	Inch	mm	mm	mm	mm	mm
GSM6FL30-24-24	24GSM-24FLH30M	7341-02295	1 1/2	38.1	1 1/2	63.5	30	240	144.8	12.6
GSM6FL30-32-32	32GSM-32FLH30-040	7341-20065	2	50.8	2	79.5	40	309	194.6	12.6

¥ Coupling pricing & availability on request.

Spiral Fittings

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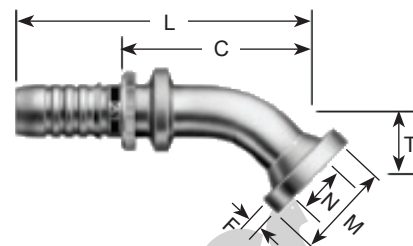
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Code 62 O-Ring Flange Heavy – 45° Bent Tube

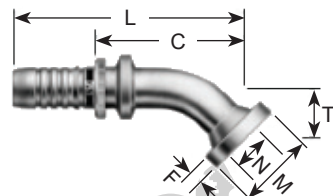
GlobalSpiral Couplings - Suits EFG3K, EFG4K, EFG5K, EFG6K

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

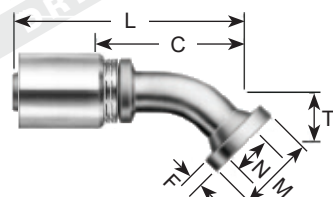


Hardy Spicer Part Number	Gates Desc.	Gates Part Number	Hose ID		N	M	T	L	C	F
			inch	mm	inch	mm	mm	mm	mm	mm
GS6FL45-08-08	8GS-8FLH45M	7347-51245	1/2	12.7	1/2	31.7	19.0	94.0	56.5	7.9
GS6FL45-12-08¥	8GS-12FLH45M	7347-51265	1/2	12.7	3/4	41.4	26.0	101.0	63.5	8.8
GS6FL45-12-10¥	10GS-12FLH45M	7347-51355	5/8	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.



Hardy Spicer Part Number	Gates Description	Gates Part Number	Hose ID		N	M	T	L	C	F
			Inch	mm	Inch	mm	mm	mm	mm	mm
GSP6FL45M-24-24	24GSP-24FLH45M	7347-51725	1 1/2	38.1	1 1/2	63.5	44	192	118	12.6
GSP6FL45-32-24¥	24GSP-32FLH45S	7347-51735	1 1/2	38.1	1 1/2	79.5	52	200	126.3	12.6
GSP6FL45-32-32¥	32GSP-32FLH45-066	7347-51805	2	50.8	2	79.5	66	271	179.2	12.6



Hardy Spicer Part Number	Gates Description	Gates Part Number	Hose ID		N	M	T	L	C	F
			Inch	mm	Inch	mm	mm	mm	mm	mm
GSM6FL45M-24-24	24GSM-24FLH45M	7341-02315	1 1/2	38.1	1 1/2	63.5	44	232	137	12.6
GSM6FL45M-32-24	24GSM-32FLH45M	7341-02325	1 1/2	38.1	1 1/2	79.5	56	241	146	12.6
GSM6FL45-32-32	32GSM-32FLH45-063	7341-20055	2	50.8	2	79.5	63	296.5	152.5	12.6

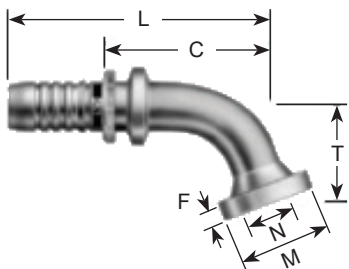
¥ Coupling pricing & availability on request.

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

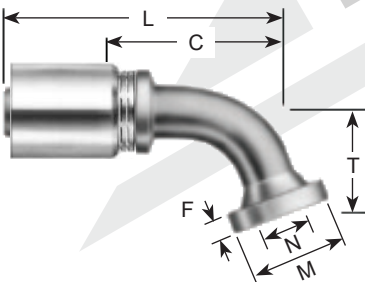


GlobalSpiral Couplings - Suits EFG3K, EFG4K, EFG5K, EFG6K

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
GS6FL60M-24-20	20GS-24FLH60M	7347-52655	1 1/4	31.7	1 1/2	63.5	64.0	194.0	122.9	12.6

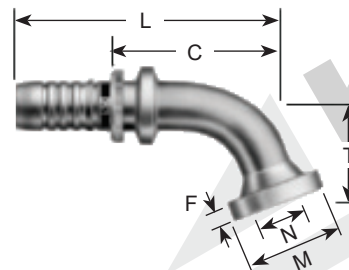
¥ Coupling pricing & availability on request.



Hardy Spicer Part Number	Gates Description	Gates Part Number	Hose ID		N	M	T	L	C	F
			Inch	mm	Inch	mm	mm	mm	mm	mm
GSM6FL60M-24-24	24GSM-24FLH60M	7341-02335	1 1/2	38.1	1 1/2	63.5	64	253	158.2	12.6
GSM6FL60-32-32¥	24GSM-32FLH60M	7341-20075	2	50.8	2	79.5	83	312	197.4	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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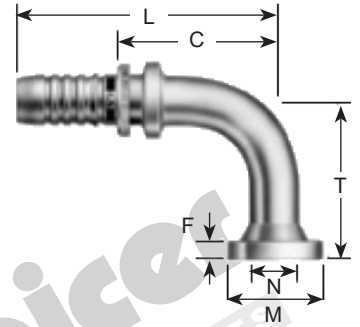
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Code 62 O-Ring Flange Heavy – 90° Bent Tube

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
GS6FL90M-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
GS6FL90M-12-08	8GS-12FLH90M	7347-75265	1/2	12.7	3/4	41.4	58.0	88.0	50.5	8.8
GS6FL90M-08-10¥	10GS-8FLH90M	7347-75335	5/8	15.8	1/2	31.8	40.0	113.0	62.7	7.7
GS6FL90M-12-10¥	10GS-12FLH90M	7347-75355	5/8	15.8	3/4	41.4	58.0	110.0	59.7	8.8
GS6FL90M-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
GS6FL90M-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
GS6FL90M-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
GS6FL90M-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
GS6FL90M-20-16	16GS-20FLH90M	7347-75565	1	25.4	1 1/4	54.1	90.0	134.0	76.8	10.3
GS6FL90S-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
GS6FL90M-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
GS6FL90M-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
GS6FL90S-24-20¥	20GS-24FLH90S	7347-54655	1 1/4	31.7	1 1/2	63.5	81.0	165.0	93.9	12.6

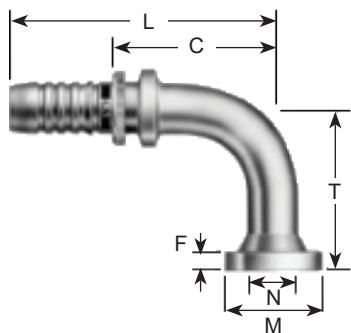
¥ Coupling pricing & availability on request.

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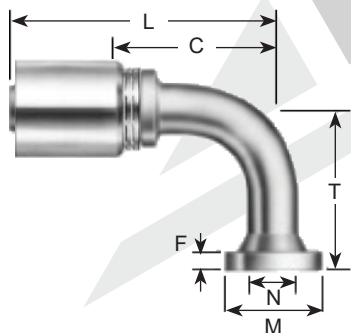
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Code 62 O-Ring Flange Heavy – 90° Bent Tube



Hardy Spicer Part Number	Gates Description	Gates Part Number	Hose ID		N	M	T	L	C	F
			Inch	mm	Inch	mm	mm	mm	mm	mm
GSP6FL90-24-24	24GSP-24FLH90-094	7347-79105	1 1/2	38.1	1 1/2	63.5	94	175.5	101.9	12.6
GSP6FL90S-32-24	24GSP-32FLH90S	7347-54735	1 1/2	38.1	2	63.5	120	176.8	103.2	12.6
GSP6FL90M-32-32	32GSP-32FLH90M	7347-75795	2	50.8	2	79.5	138	221.4	129.4	12.6



Hardy Spicer Part Number	Gates Description	Gates Part Number	Hose ID		N	M	T	L	C	F
			Inch	mm	Inch	mm	mm	mm	mm	mm
GSM6FL90S-24-24	24GSM-24FLH90-094	7341-02355	1 1/2	38.1	1 1/2	63.5	94	214	118.9	12.6
GSM6FL90L-24-24	24GSM-24FLH90-150	7341-02375	1 1/2	38.1	1 1/2	63.5	150	244	118.9	12.6
GSM6FL90S-32-24	24GSM-32FLH90S	7341-02365	1 1/2	38.1	2	71.4	120	214	118.9	12.6
GSM6FL90S-32-32	32GSM-32FLH90S	7341-20085	2	50.8	2	79.5	120	264	150.5	12.6
GSM6FL90M-32-32	32GSM-32FLH90M	7341-20045	2	50.8	2	79.5	138	264	150.5	12.6
GSM6FL90L-32-32	32GSM-32FLH90-159	7341-20035	2	50.8	2	79.5	159	264	150.4	12.6

¥ Coupling pricing & availability on request.

Spiral Fittings

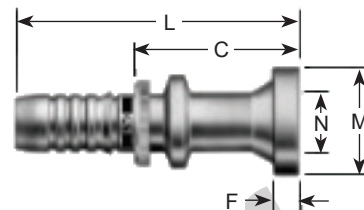
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Caterpillar-Style O-Ring Flange

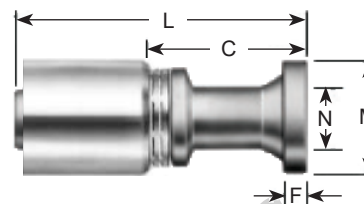
GlobalSpiral Couplings - Suits EFG3K, EFG4K, EFG5K, EFG6K



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.



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 Description	Gates Part Number	Hose ID		N	M	L	C	F
			Inch	mm	Inch	mm	mm	mm	mm
GSM9FL-24-24	24GSM-24FLC	7341-02055	1 1/2	38.1	1 1/2	63.5	189	94.3	14.2
GSM9FL-24-24	24GSM-24FLCL	7341-02175	1 1/2	38.1	1 1/2	63.5	238	143.2	14.2
GSM9FL-32-24	24GSM-32FLC	7341-02065	1 1/2	38.1	2	79.4	200	105	14.2
GSM9FL-32-32	32GSM-32FLC	7341-20205	2	50.8	2	79.4	227.7	113.7	14.2

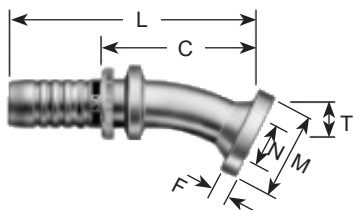
¥ Coupling pricing & availability on request.

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

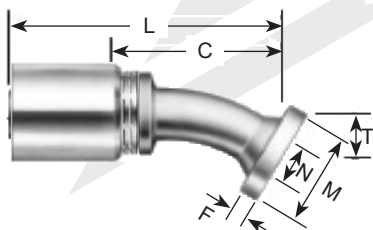


GlobalSpiral Couplings - Suits EFG3K, EFG4K, EFG5K, EFG6K

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.



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 Description	Gates Part Number	Hose ID		N	M	T	L	C	F
			Inch	mm	Inch	mm	mm	mm	mm	mm
GSM9FL22-24-24	24GSM-24FLC22-017	7341-02075	1 1/2	38.1	1 1/2	63.5	17	236	141.5	14.2
GSM9FL22-32-24	24GSM-32FLC22-022	7341-02085	1 1/2	38.1	2	79.5	22	261	165.8	14.2

¥ Coupling pricing & availability on request.

Spiral Fittings

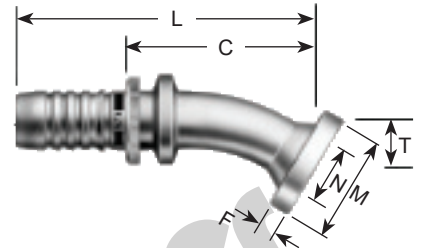
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Caterpillar-Style O-Ring Flange – 30° Bent Tube

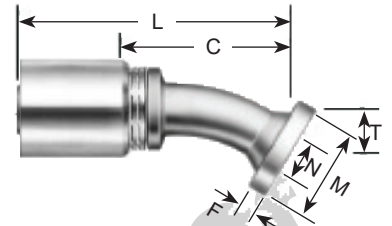
GlobalSpiral Couplings - Suits EFG3K, EFG4K, EFG5K, EFG6K



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.



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 Description	Gates Part Number	Hose ID		N	M	T	L	C	F
			Inch	mm	Inch	mm	mm	mm	mm	mm
GSM9FL30-24-24	24GSM-24FLC30-023	7341-02095	1 1/2	38.1	1 1/2	63.5	23	235	139.5	14.2
GSM9FL30-32-24	24GSM-32FLC30-035	7341-02105	1 1/2	38.1	2	79.5	35	257	161.6	14.2
GSM9FL30-32-32	32GSM-32FLC30-035	7341-20245	2	50.8	2	79.5	35	301.2	187.2	14.2

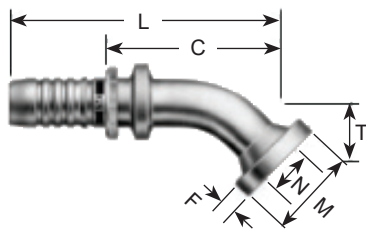
¥ Coupling pricing & availability on request.

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

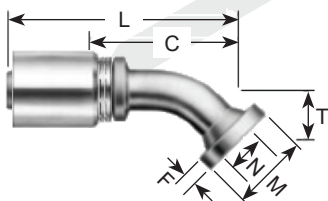


GlobalSpiral Couplings - Suits EFG3K, EFG4K, EFG5K, EFG6K

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.



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 Description	Gates Part Number	Hose ID		N	M	T	L	C	F
			Inch	mm	Inch	mm	mm	mm	mm	mm
GSM9FL45-24-24	24GSM-24FLC45-039	7341-02115	1 1/2	38.1	1 1/2	63.5	39	227	132	14.2
GSM9FL45-32-24	24GSM-32FLC45-059	7341-02125	1 1/2	38.1	2	79.5	59	244	149	14.2
GSM9FL45-32-32	32GSM-32FLC45-064	7341-20215	2	50.8	2	79.5	64	287.5	173.5	14.2

¥ Coupling pricing & availability on request.

Spiral Fittings

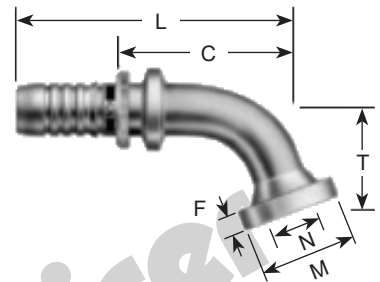
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Caterpillar-Style O-Ring Flange – 60° Bent Tube

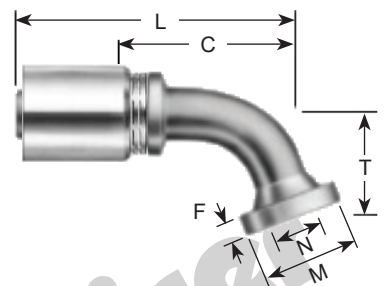
GlobalSpiral Couplings - Suits EFG3K, EFG4K, EFG5K, EFG6K



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
GS9FL60-16-12¥	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.



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 Description	Gates Part Number	Hose ID		N	M	T	L	C	F
			Inch	mm	Inch	mm	mm	mm	mm	mm
GSM9FL60-24-24	24GSM-24FLC60-055	7341-02135	1 1/2	38.1	1 1/2	63.5	55	251.6	156.6	14.2
GSM9FL60-32-24	24GSM-32FLC60-087	7341-02145	1 1/2	38.1	2	79.4	87	297	201.9	14.2
GSM9FL60-32-32	32GSM-32FLC60-083	7341-20225	2	50.8	2	79.4	83	322	207.5	14.2

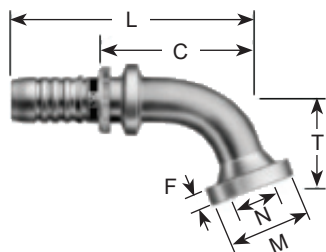
¥ Coupling pricing & availability on request.

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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

¥ Coupling pricing & availability on request.

Spiral Fittings

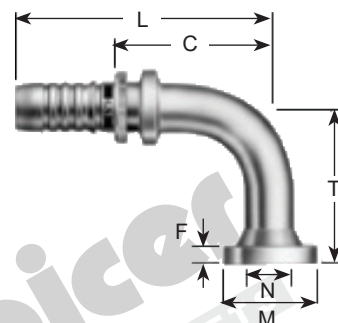
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Caterpillar-Style O-Ring Flange – 90° Bent Tube

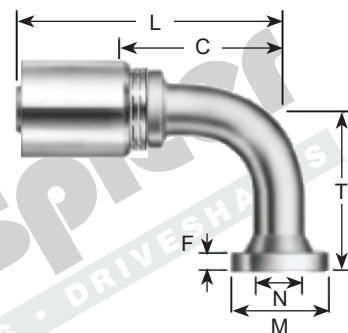
GlobalSpiral Couplings - Suits EFG3K, EFG4K, EFG5K, EFG6K



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	M	T	L	C	F
			inch	mm	inch	mm	mm	mm	mm	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
GS9FL90XL-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.



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 Description	Gates Part Number	Hose ID		N	M	T	L	C	F
			Inch	mm	Inch	mm	mm	mm	mm	mm
GSM9FL90-24-24	24GSM-24FLC90-087	7341-02155	1 1/2	38.1	1 1/2	63.5	87	214.4	119.1	14.2
GSM9FL90-32-24	24GSM-32FLC90-140	7341-02165	1 1/2	38.1	2	79.4	140	225	129.9	14.2
GSM9FL90-32-32	32GSM-32FLC90-130	7341-20235	2	50.8	2	79.4	130	264.4	150.4	14.2

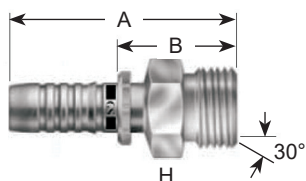
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Male British Standard Pipe Parallel



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.

Spiral Fittings

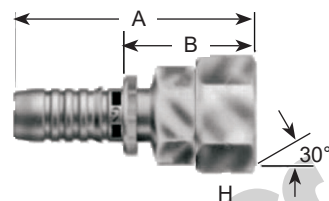
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Female British Standard Pipe Parallel O-Ring Swivel

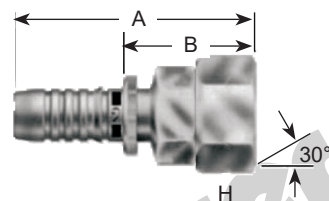
GlobalSpiral Couplings - Suits EFG3K, EFG4K, EFG5K, EFG6K



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

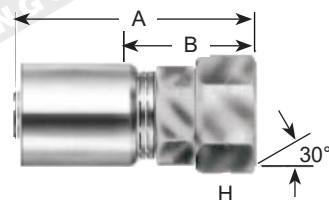
-6 to -20 size are 42.0 MPa (6000 psi).

¥ Coupling pricing & availability on request.



Hardy Spicer Part Number	Gates Description	Gates Part Number	Hose ID		Thread Size	A	B	H
			Inch	mm		mm	mm	mm
GSPBF-24-24	24GSP-24FBSPORX		1 1/2	38.1	G 1 1/2-11 BSP	125.0	51.3	55.0
GSPBF-32-32	24GSP-32FBSPORX		2	50.8	G 2-11 BSP	153.0	61.0	70.0

¥ Coupling pricing & availability on request.



Hardy Spicer Part Number	Gates Description	Gates Part Number	Hose ID		Thread Size	A	B	H
			Inch	mm		mm	mm	mm
GSMBF-24-24	24GSM-24FBSPORX		1 1/2	38.1	G 1 1/2-11 BSP	154.0	59.0	55.0
GSMBF-32-32	24GSM-32FBSPORX		2	50.8	G 2-11 BSP	184.0	70.0	70.0

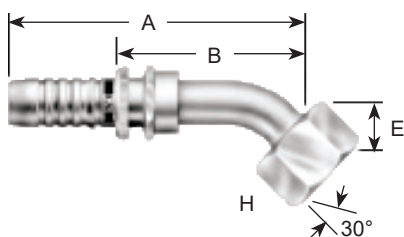
¥ Coupling pricing & availability on request.

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

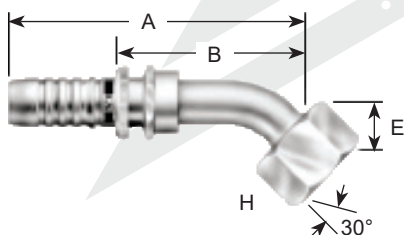


GlobalSpiral Couplings - Suits EFG3K, EFG4K, EFG5K, EFG6K

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

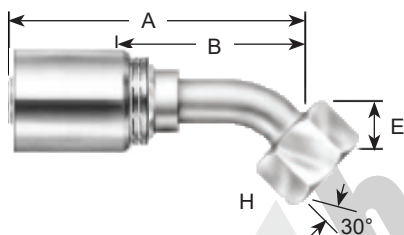
-6 to -20 size are 42.0 MPa (6000 psi).

¥ Coupling pricing & availability on request.



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
GSPBF45-24-24	24GSP-24FBSPORX45	7347-95035	1 1/2	38.1	G 1 1/2-11 BSP	214.5	140.9	49.7	55.0
GSPBF45-32-32	32GSP-32FBSPORX45	7347-95115	2	50.8	G 2-11 BSP	276.1	184.1	62.3	70.0



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
GSMBF45-24-24	24GSM-24FBSPORX45	7341-07035	1 1/2	38.1	G 1 1/2-11 BSP	242.5	147.5	49.7	55.0
GSMBF45-32-32	32GSM-32FBSPORX45	7341-20565	2	50.8	G 2-11 BSP	307.6	193.6	75.0	70.0

Spiral Fittings

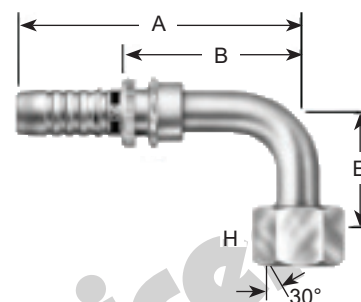
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Female British Standard Pipe Parallel O-Ring Swivel - 90° Bent Tube

GlobalSpiral Couplings - Suits EFG3K, EFG4K, EFG5K, EFG6K

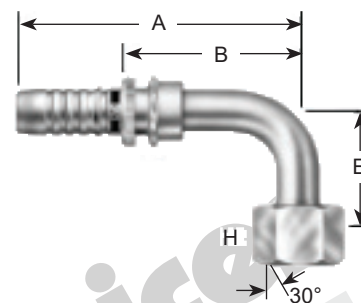


Hardy Spicer Part Number	Gates Desc.	Gates Part Number	Hose ID		Thread Size	A	B	E	H
			inch	mm		mm	mm	mm	mm
GSBF90-06-06	6GS-6FBSPORX90	7347-192355	3/8	9.5	G 3/8" - 19 BSP	78.0	42.2	32.0	22.0
GSBF90-08-08	8GS-8FBSPORX90	7347-191425	1/2	12.7	G 1/2" - 14 BSP	88.0	50.5	37.5	27.0
GSBF90-10-10	10GS-10FBSPORX90	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).

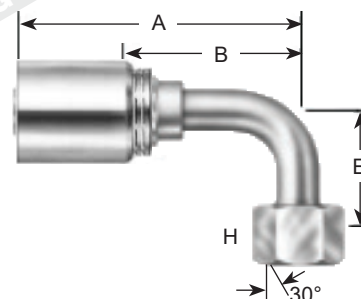
¥ Coupling pricing & availability on request.

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
GSPBF90-24-24	24GSP-24FBSPORX90	7347-95045	1 1/2	38.1	G 1 1/2-11 BSP	194.6	121.0	100.0	55.0
GSPBF90-32-32	32GSP-32FBSPORX90	7347-95125	2	50.8	G 2-11 BSP	254.7	162.7	129.1	70.0

GlobalSpiral Couplings - Suits EFG3K, EFG4K, EFG5K, EFG6K



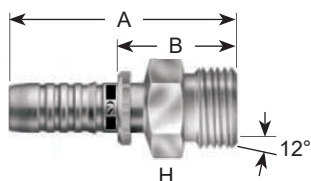
Hardy Spicer Part Number	Gates Desc.	Gates Part Number	Hose ID		Thread Size	A	B	E	H
			inch	mm		mm	mm	mm	mm
GSMBF90-24-24	24GSM-24FBSPORX90	7341-07045	1 1/2	38.1	G 1 1/2-11 BSP	222.6	127.6	100.0	55.0
GSMBF90-32-32	32GSM-32FBSPORX90	7341-20575	2	50.8	G 2-11 BSP	276.5	162.5	150.0	70.0

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Male DIN parallel 24° cone – Light Series.

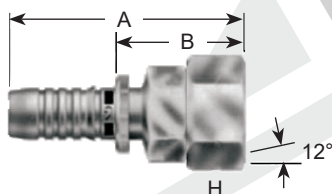


GlobalSpiral Couplings - Suits EFG3K, EFG4K, EFG5K, EFG6K

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).

Spiral Fittings

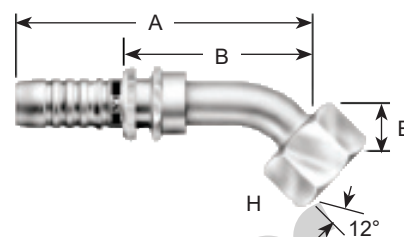
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Female DIN 24° Cone Swivel – Light Series with O-Ring – 45° Bent Tube

GlobalSpiral Couplings - Suits EFG3K, EFG4K, EFG5K, EFG6K



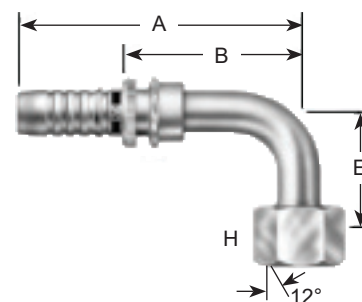
Hardy Spicer Part Number	Gates Desc.	Gates Part Number	Hose ID		Thread Size	A	B	E	H
			inch	mm		mm	mm	mm	mm
GSLMF45-22-08	8GS-15FDLORX45	7347-190605	1/2	12.7	M22 x 1.5	94.7	57.2	20.2	27.0

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.

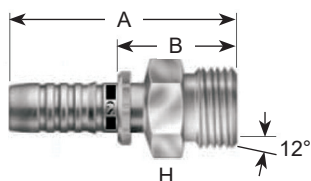
-6 to -16 size are 42.0 MPa (6000 psi).

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Male DIN 24° Cone – Heavy Series



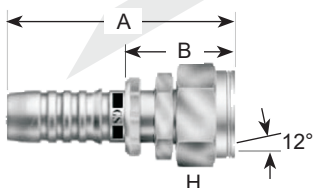
GlobalSpiral Couplings - Suits EFG3K, EFG4K, EFG5K, EFG6K

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.

Spiral Fittings

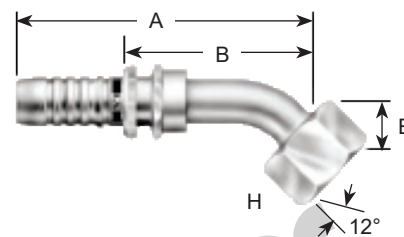
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Female DIN 24° Cone Swivel – Heavy Series with O-Ring – 45° Bent Tube

GlobalSpiral Couplings - Suits EFG3K, EFG4K, EFG5K, EFG6K



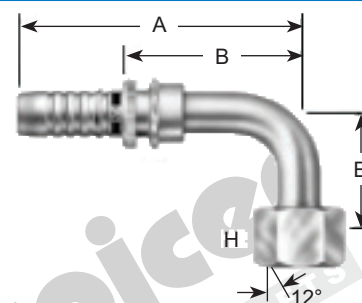
Hardy Spicer Part Number	Gates Desc.	Gates Part Number	Hose ID		Thread Size	A	B	E	H
			inch	mm		mm	mm	mm	mm
GSHMF45-20-06	6GS-12FDHORX45	7347-192425	3/8	9.5	M20 x 1.5	86.7	50.8	18.9	24.0
GSHMF45-22-06	6GS-14FDHORX45	7347-192465	3/8	9.5	M22 x 1.5	88.8	53.0	21.0	24.0
GSHMF45-24-08	8GS-16FDHORX45	7347-191345	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.

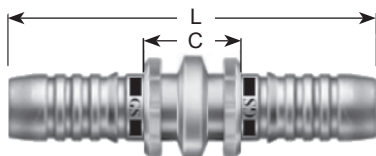
-6 to -20 size are 42.0 MPa (6000 psi).

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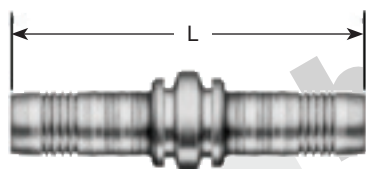
Hose Length Extender



GlobalSpiral Couplings - Suits EFG3K, EFG4K, EFG5K, EFG6K

Hardy Spicer Part Number	Gates Desc.	Gates Part Number	Hose ID		L	C
			inch	mm	mm	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.

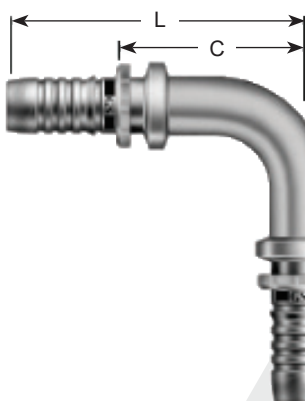


PCM Couplings - Suits G5K, G6K

Hardy Spicer Part Number	Gates Desc.	Gates Part Number	Hose ID		L
			inch	mm	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



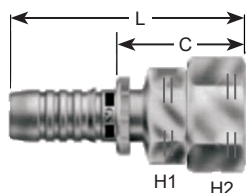
GlobalSpiral Couplings - Suits EFG3K, EFG4K, EFG5K, EFG6K

Hardy Spicer Part Number	Gates Desc.	Gates Part Number	Hose ID		L	C
			inch	mm	mm	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

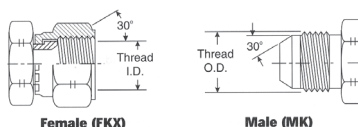
¥ Coupling pricing & availability on request.

Spiral Fittings

Komatsu Style Japanese Metric Swivel



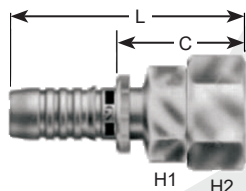
GlobalSpiral Couplings - Suits EFG3K, EFG4K, EFG5K, EFG6K



Hardy Spicer Part Number	Gates Desc.	Gates Part Number	Hose ID		Thread Size	H1	H2	L	C
			inch	mm		mm	mm	mm	mm
GSKF-22-08	8GS-8FKX	7347-35245	1/2	12.7	M22 x 1.5	27.0	27.0	74.4	37.0
GSKF-24-10	10GS-10FKX	7347-53345	5/8	15.8	M24 x 1.5	30.0	32.0	95.0	44.7
GSKF-30-12	12GS-12FKX	7347-35445	3/4	19.1	M30 x 1.5	32.0	36.0	101.7	50.7
GSKF-33-16	16GS-16FKX	7347-35555	1	25.4	M33 x 1.5	41.0	41.0	114.6	58.2

These female swivels have been marked with two small notches on the hex to identify them as Komatsu style.

Female Japanese Industrial Standard 30° 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		mm	mm	mm	mm
GSBJF-12-12	12GS-12FJISX	7347-76195	3/4	19.1	3/4-14	32.0	36.0	98.2	47.2
GSBJF-16-16	16GS-16FJISX	7347-76005	1	25.4	1-11	41.0	41.0	108.0	51.6
GSBJF-20-20	20GS-20FJISX	7347-76235	1 1/4	31.7	1 1/4-11	27.0	50.0	136.0	64.9

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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

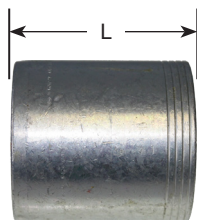


GlobalSpiral Ferrules - Suits EFG5K, EFG6K

Hardy Spicer Part Number	Gates Desc.	Gates Part Number	Hose ID		L mm	Hose OD	
			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.

GSP Ferrule for Spiral Hose



GSP Ferrules for Spiral Hose
(4 Grooves marked on Ferrule)

Hardy Spicer Part Number	Gates Desc.	Gates Part Number	L		Hose ID mm
			mm	inch	
GSP-24-1F-4	24GSP1F-4	7347-03175	76.5	1 1/2	38.1
GSP-32-1F-4	32GSP1F-4	7347-03195	91.0	2	50.8

Spiral Fittings

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