



Fittings for Braided Hose



Hardy Spicer, 1/9 Monterey Road, Dandenong South, Victoria, 3175

Toll free Ph: 1300 304 673

www.hardyspicer.com.au

DISCLAIMER

Disclaimer

The information and dimensions listed in these catalogues is correct to the best of our knowledge and belief, having been compiled from reliable and official sources of information. However Hardy Spicer Driveshaft and Hydraulic Services (HS Company Pty Ltd) accepts no responsibility for possible errors, omissions or unsuitable parts being listed or fitted to any vehicle. Dimensions listed are nominal throughout.

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 97069928

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

www.hardyspicer.com.au

Document No:	HSFITCAT
Issue:	3
Issue Date:	01/07/07

This catalogue is the copyright
of Hardy Spicer

CONTENTS

DESCRIPTION	PART No.	SECTION
AIR BRAKE SWIVEL FEMALE	MCABS	D:2-32
BANJO BSP	MCBB	D:2-40
BANJO METRIC	MCMB	D:2-40
BSPT MALE	MCBM	D:2-33
BSPP MALE	MCPM	D:2-34
BSPP FEMALE	MCBF	D:2-35
BSPP FEMALE 45°	MCBF45	D:2-36
BSPP FEMALE 90°	MCBF90	D:2-37
BSPP FEMALE 90° COMPACT	MCBF90C	D:2-38
BSP FLAT FACE MALE	MCBFFF	D:2-39
BSP FLAT FACE SWIVEL FEMALE	MCBFFS	D:2-39
CODE 61 FLANGE STRAIGHT	MC3FL	D:2-23
CODE 61 FLANGE 22 1/2°	MC3FL22	D:2-24
CODE 61 FLANGE 30°	MC3FL30	D:2-25
CODE 61 FLANGE 45°	MC3FL45	D:2-26
CODE 61 FLANGE 60°	MC3FL60	D:2-27
CODE 61 FLANGE 67 1/2°	MC3FL67	D:2-28
CODE 61 FLANGE 90°	MC3FL90	D:2-29
FERRULES - POWER CRIMP NON SKIVE	PC-**PC1FS	D:2-50
FERRULES - POWER CRIMP SKIVE	PC-**PC2FS	D:2-50
GREASE FEMALE	MCFG	D:2-32
JIC MALE	MCJM	D:2-12
JIC FEMALE	MCJF	D:2-13
JIC FEMALE 45°	MCJF45	D:2-14
JIC FEMALE 90°	MCJF90	D:2-15
JIC FEMALE 90° COMPACT	MCJF90C	D:2-16
KOMATSU FEMALE	MCKF	D:2-48
KOMATSU 45° FEMALE	MCKF45	D:2-49
KOMATSU 90° FEMALE	MCKF90	D:2-49
METRIC FEMALE LIGHT	MCLMF	D:2-42
METRIC FEMALE LIGHT 45°	MCLMF45	D:2-43
METRIC FEMALE LIGHT 90°	MCLMF90	D:2-44
METRIC MALE LIGHT	MCLMM	D:2-41
METRIC FEMALE HEAVY	MCHMF	D:2-46
METRIC FEMALE HEAVY 45°	MCHMF45	D:2-47
METRIC FEMALE HEAVY 90°	MCHMF90	D:2-47
METRIC MALE HEAVY	MCHMM	D:2-45

www.hardyspicer.com.au

Document No:	HSFITCAT
Issue:	3
Issue Date:	01/07/07

This catalogue is the copyright
of Hardy Spicer

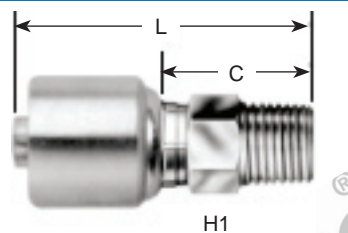
CONTENTS

DESCRIPTION	PART No.	SECTION
NPT MALE.....	MCNM.....	D:2-5
NPT MALE LONG NOSE	MCNML.....	D:2-6
NPT MALE SWIVEL	MCNMS	D:2-6
NPT MALE 90° SWIVEL.....	MCNM90C	D:2-7
NPT FEMALE	MCNF	D:2-7
ORFS MALE.....	MCORFM.....	D:2-19
ORFS.....	MCORF.....	D:2-20
ORFS 45°	MCORF45.....	D:2-21
ORFS 90°	MCORF90.....	D:2-22
UN 'O' RING MALE	MCUM.....	D:2-8
UN 'O' RING MALE SWIVEL.....	MCUMS	D:2-9
UN 'O' RING MALE SWIVEL 45°	MCUMS45	D:2-9
UN 'O' RING MALE SWIVEL 90°	MCUMS90	D:2-10
UN 'O' RING MALE ADAPTOR-LESS SWIVEL	MCUMA	D:2-10
UN 'O' RING MALE ADAPTOR-LESS SWIVEL 45° ..	MCUMA45	D:2-11
UN 'O' RING MALE ADAPTOR-LESS SWIVEL 90° ..	MCUMA90	D:2-11

www.hardyspicer.com.au

Document No:	HSFITCAT
Issue:	3
Issue Date:	01/07/07

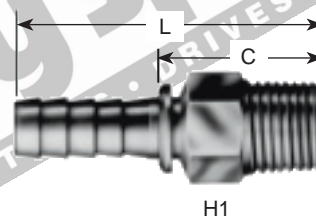
Male Pipe (NPTF - 30° Cone Seat)



Hardy Spicer Part Number	Gates Desc.	Gates Part Number	Hose ID		Thread Size	H1	L	C
			inch	mm		inch	mm	mm
MCNM-02-04	4G-2MP	7100-10025	1/4	6.4	1/8-27	1/2	50.0	24.0
MCNM-04-04	4G-4MP	7100-10035	1/4	6.4	1/4-18	9/16	55.0	29.0
MCNM-06-04	4G-6MP	7100-10045	1/4	6.4	3/8-18	11/16	55.0	29.0
MCNM-08-04¥	4G-8MP	7100-10055	1/4	6.4	1/2-14	7/8	62.0	36.0
MCNM-04-05¥	5G-4MP	7100-00065	5/16	7.9	1/4-18	5/8	58.0	30.0
MCNM-04-06	6G-4MP	7100-10075	3/8	9.5	1/4-18	5/8	59.0	31.1
MCNM-06-06	6G-6MP	7100-10085	3/8	9.5	3/8-18	11/16	59.0	31.1
MCNM-08-06	6G-8MP	7100-10095	3/8	9.5	1/2-14	7/8	64.0	36.1
MCNM-06-08	8G-6MP	7100-00105	1/2	12.7	3/8-18	13/16	69.0	31.5
MCNM-08-08	8G-8MP	7100-00115	1/2	12.7	1/2-14	7/8	73.0	35.5
MCNM-12-08¥	8G-12MP	7100-00125	1/2	12.7	3/4-14	1 1/16	75.0	37.5
MCNM-08-10¥	10G-8MP	7100-00135	5/8	15.8	1/2-14	15/16	75.0	37.5
MCNM-12-10¥	10G-12MP	7100-00145	5/8	15.8	3/4-14	1 1/16	73.5	36.0
MCNM-08-12¥	12G-8MP	7100-00155	3/4	19	1/2-14	1 1/16	88.0	37.0
MCNM-12-12	12G-12MP	7100-00165	3/4	19	3/4-14	1 1/16	88.0	37.0
MCNM-16-12¥	12G-16MP	7100-00175	3/4	19	1-11 1/2	1 3/8	96.0	45.0
MCNM-12-16¥	16G-12MP	7100-00195	1	25.4	3/4-14	1 3/8	100.0	43.2
MCNM-16-16	16G-16MP	7100-00205	1	25.4	1-11 1/2	1 3/8	104.5	47.7
MCNM-20-20	20G-20MP	7100-00215	1 1/4	31.7	1 1/4-11 1/2	1 3/4	113.0	54.0

¥ Coupling pricing & availability on request.

Male Pipe (NPTF - 30° Cone Seat)



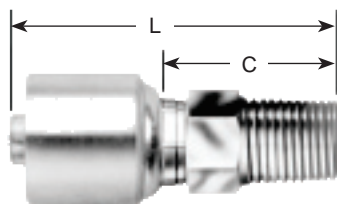
Hardy Spicer Part Number	Gates Desc.	Gates Part Number	Hose ID		Thread Size	H1	L	C
			inch	mm		inch	mm	mm
PCNM-24-24	24-24MP	7301-89145	1 1/2	38.1	1 1/2-11 1/2	2	122.7	55.6
PCNM-32-32	32-32MP	7301-99145	2	50.8	2-11 1/2	2 1/2	148.8	59.2

www.hardyspicer.com.au

Document No:	HSFITCAT
Issue:	3
Issue Date:	01/07/07

This catalogue is the copyright of Hardy Spicer

Male Pipe Long Nose

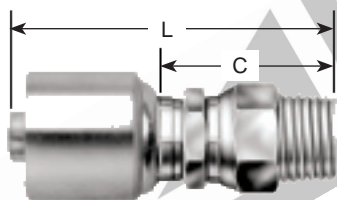


H1

For use with J2AT Jack Hose and special high-pressure applications.

Hardy Spicer Part Number	Gates Desc.	Gates Part Number	Hose ID		Thread Size	H1	L	C
			inch	mm		inch	mm	mm
MCNML-04-04	4G-4MPLN	7100-16615	1/4	6.4	1/4-18	9/16	65.0	39.0
MCNML-06-04	4G-6MPLN	7100-16625	1/4	6.4	3/8-18	11/16	65.0	39.0
MCNML-04-06	6G-4MPLN	7100-16645	3/8	9.5	1/4-18	5/8	69.0	41.1
MCNML-06-06	6G-6MPLN	7100-16635	3/8	9.5	3/8-18	11/16	69.0	41.1

Male Pipe Swivel (NPTF - Without 30° Cone Seat)



H1 H2

NOT TO BE USED AS A LIVE SWIVEL.

Hardy Spicer Part Number	Gates Desc.	Gates Part Number	Hose ID		Thread Size	H1	H2	L	C
			inch	mm		inch	inch	mm	mm
MCNMS-04-04	4G-4MPX	7100-10255	1/4	6.4	1/4-18	1/2	11/16	66.3	40.2
MCNMS-06-04¥	4G-6MPX	7100-10265	1/4	6.4	3/8-18	5/8	7/8	69.5	43.5
MCNMS-08-04¥	4G-8MPX	7100-10275	1/4	6.4	1/2-14	3/4	1	75.4	49.4
MCNMS-04-06¥	6G-4MPX	7100-10285	3/8	9.5	1/4-18	5/8	7/8	72.8	44.9
MCNMS-06-06¥	6G-6MPX	7100-10295	3/8	9.5	3/8-18	5/8	7/8	71.5	43.6
MCNMS-08-06¥	6G-8MPX	7100-10305	3/8	9.5	1/2-14	3/4	1	77.5	49.5
MCNMS-06-08¥	8G-6MPX	7100-00315	1/2	12.7	3/8-18	13/16	7/8	82.0	44.6
MCNMS-08-08¥	8G-8MPX	7100-00325	1/2	12.7	1/2-14	13/16	1	86.9	49.4
MCNMS-12-10¥	10G-12MPX	7100-00335	5/8	15.9	3/4-14	1 1/16	1 5/16	88.5	51.1
MCNMS-08-12¥	12G-8MPX	7100-00345	3/4	19.1	1/2-14	1 1/16	1	100.9	49.9
MCNMS-12-12¥	12G-12MPX	7100-00355	3/4	19.1	3/4-14	1 1/16	1 5/16	102.0	51.0
MCNMS-16-16¥	16G-16MPX	7100-00365	1	25.4	1-11 1/2	1 3/8	1 5/8	120.2	63.4

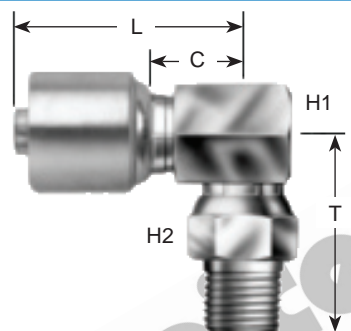
¥ Coupling pricing & availability on request.

www.hardyspicer.com.au

Document No:	HSFITCAT
Issue:	3
Issue Date:	01/07/07

Male Pipe Swivel – 90° Block (NPTF – Without 30° Cone)

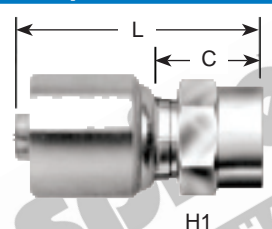
NOT TO BE USED AS A LIVE SWIVEL.



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
MCNM90C-04-04¥	4G-4MPX90	7100-10375	1/4	6.4	1/4-18	11/16	11/16	41.3	44.5	18.4
MCNM90C-06-04¥	4G-6MPX90	7100-10385	1/4	6.4	3/8-18	11/16	7/8	43.9	46.3	20.2
MCNM90C-04-06¥	6G-4MPX90	7100-10395	3/8	9.5	1/4-18	3/4	11/16	42.1	49.6	21.7
MCNM90C-06-06¥	6G-6MPX90	7100-10405	3/8	9.5	3/8-18	3/4	7/8	44.8	49.6	21.7
MCNM90C-08-06¥	6G-8MPX90	7100-10415	3/8	9.5	1/2-14	3/4	1	49.1	49.7	21.7
MCNM90C-06-08¥	8G-6MPX90	7100-07135	1/2	12.7	3/8-18	1	7/8	48.0	64.7	27.2
MCNM90C-08-08¥	8G-8MPX90	7100-00425	1/2	12.7	1/2-14	1	1	52.3	64.7	27.2
MCNM90L-08-08¥	8G-8MPX90L	7100-00455	1/2	12.7	1/2-14	1	1	52.3	95.5	45.6
MCNM90C-12-12¥	12G-12MPX90	7100-00435	3/4	19.1	3/4-14	1 3/8	1 5/16	58.4	80.7	29.7
MCNM90L-12-12¥	12G-12MPX90L	7100-00475	3/4	19.1	3/4-14	1 3/8	1 5/16	58.4	99.7	48.7

¥ Coupling pricing & availability on request.

Female Pipe (NPTF – Without 30° Cone Seat)



Hardy Spicer Part Number	Gates Desc.	Gates Part Number	Hose ID		Thread Size	H1	L	C
			inch	mm		inch	mm	mm
MCNF-02-04¥	4G-2FP	7100-10485	1/4	6.4	1/8-27	9/16	44.3	18.3
MCNF-04-04¥	4G-4FP	7100-10495	1/4	6.4	1/4-18	11/16	50.5	24.5
MCNF-06-04¥	4G-6FP	7100-10505	1/4	6.4	3/8-18	13/16	50.5	24.5
MCNF-04-06¥	6G-4FP	7100-10515	3/8	9.5	1/4-18	11/16	51.0	23.1
MCNF-06-06¥	6G-6FP	7100-10525	3/8	9.5	3/8-18	13/16	52.5	24.6
MCNF-08-06¥	6G-8FP	7100-10535	3/8	9.5	1/2-14	1	57.1	29.2
MCNF-06-08¥	8G-6FP	7100-00545	1/2	12.7	3/8-18	13/16	62.5	25.0
MCNF-08-08	8G-8FP	7100-00555	1/2	12.7	1/2-14	1	67.0	29.5
MCNF-12-12¥	12G-12FP	7100-00565	3/4	19	3/4-14	1 1/4	82.0	31.0

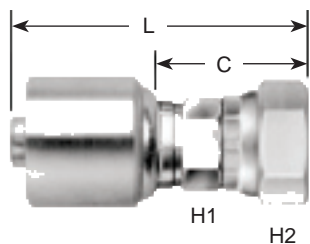
¥ Coupling pricing & availability on request.

www.hardyspicer.com.au

Document No:	HSFITCAT
Issue:	3
Issue Date:	01/07/07

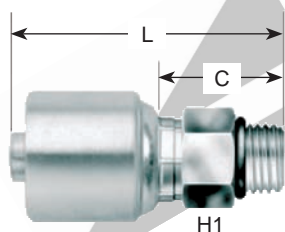
This catalogue is the copyright of Hardy Spicer

Female Pipe Swivel (NPSM - 30° Cone Seat)



Hardy Spicer Part Number	Gates Desc.	Gates Part Number	Hose ID		Thread Size	H1	H2	L	C
			inch	mm		inch	inch	mm	mm
MCNFS-04-04¥	4G-4FPX	7100-10575	1/4	6.4	1/4-18	1/2	11/16	57.0	30.9
MCNFS-06-06¥	6G-6FPX	7100-10585	3/8	9.5	3/8-18	5/8	7/8	60.2	32.3
MCNFS-08-08¥	8G-8FPX	7100-00595	1/2	12.7	1/2-14	13/16	1	71.4	33.9
MCNFS-12-12¥	12G-12FPX	7100-00605	3/4	19	3/4-14	1 1/16	1 1/4	94.4	43.4
MCNFS-16-16¥	16G-16FPX	7100-00615	1	25.4	1-11 1/2	1 3/8	1 1/2	104.3	47.5

Male O-Ring Boss



SAE J1926/3 ISO 11926-3 Light-Duty (L Series)
Stud End.

Hardy Spicer Part Number	Gates Desc.	Gates Part Number	Hose ID		Thread Size	H1	L	C
			inch	mm		inch	mm	mm
MCUM-07-04¥	4G-4MB	7100-12205	1/4	6.4	7/16-20	9/16	50.5	24.5
MCUM-08-04¥	4G-5MB	7100-12215	1/4	6.4	1/2-20	5/8	50.5	24.5
MCUM-09-04¥	4G-6MB	7100-12225	1/4	6.4	9/16-18	11/16	52.0	26.0
MCUM-09-06¥	6G-6MB	7100-12235	3/8	9.5	9/16-18	11/16	52.5	24.5
MCUM-12-06¥	6G-8MB	7100-12245	3/8	9.5	3/4-16	7/8	55.0	27.1
MCUM-14-06¥	6G-10MB	7100-12255	3/8	9.5	7/8-14	1	56.5	28.6
MCUM-17-08¥	6G-12MB	7100-12265	3/8	9.5	1 1/16-12	1 1/4	61.5	33.6
MCUM-12-08¥	8G-8MB	7100-02275	1/2	12.7	3/4-16	7/8	64.5	27.0
MCUM-14-08¥	8G-10MB	7100-02285	1/2	12.7	7/8-14	1	65.5	28.0
MCUM-17-08¥	8G-12MB	7100-02295	1/2	12.7	1 1/16-12	1 1/4	70.5	33.0
MCUM-12-10¥	10G-8MB	7100-02305	5/8	15.8	3/4-16	1 1/4	72.0	34.5
MCUM-14-10¥	10G-10MB	7100-02315	5/8	15.8	7/8-14	1	67.0	29.5
MCUM-17-10¥	10G-12MB	7100-02325	5/8	15.8	1 1/16-12	1 1/4	70.5	33.0
MCUM-17-12¥	12G-12MB	7100-02335	3/4	19	1 1/16-12	1 1/4	84.5	33.5
MCUM-19-12¥	12G-14MB	7100-02345	3/4	19	1 3/16-12	1 3/8	84.0	33.0
MCUM-21-12¥	12G-16MB	7100-02355	3/4	19	1 5/16-12	1 1/2	87.5	36.5
MCUM-19-16¥	16G-14MB	7100-02365	1	25.4	1 3/16-12	1 3/8	96.0	39.2
MCUM-21-16¥	16G-16MB	7100-02375	1	25.4	1 5/16-12	1 1/2	94.5	37.7
MCUM-26-20¥	20G-20MB	7100-02385	1 1/4	31.7	1 5/8-12	1 7/8	97.0	38.0

¥ Coupling pricing & availability on request.

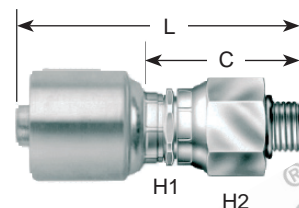
www.hardyspicer.com.au

Document No:	HSFITCAT
Issue:	3
Issue Date:	01/07/07

Male O-Ring Boss Swivel

SAE J1926/3 ISO 11926-3 Light-Duty (L Series)
Stud End

NOT TO BE USED AS A LIVE SWIVEL.



Hardy Spicer Part Number	Gates Desc.	Gates Part Number	Hose ID		Thread Size	H1	H2	L	C
			inch	mm		inch	inch	mm	mm
MCUMS-07-04¥	4G-4MBX	7100-12385	1/4	6.4	7/16-20	1/2	23/32	68.4	42.4
MCUMS-09-04¥	4G-6MBX	7100-12395	1/4	6.4	9/16-18	5/8	7/8	67.3	41.2
MCUMS-09-06¥	6G-6MBX	7100-12405	3/8	9.5	9/16-18	5/8	7/8	69.3	41.3
MCUMS-12-06¥	6G-8MBX	7100-12415	3/8	9.5	3/4-16	3/4	1	69.6	41.6
MCUMS-14-06¥	6G-10MBX	7100-12425	3/8	9.5	7/8-14	3/4	1	71.1	43.1
MCUMS-12-08¥	8G-8MBX	7100-02435	1/2	12.7	3/4-16	13/16	1	79.1	41.6
MCUMS-14-08¥	8G-10MBX	7100-02445	1/2	12.7	7/8-14	13/16	1	80.6	43.1
MCUMS-17-12¥	12G-12MBX	7100-02455	3/4	19	1 1/16-12	1 1/16	1 5/16	101.5	50.5

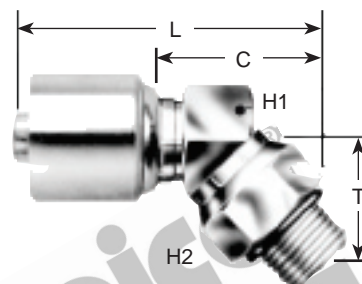
NOTE: Internal O-Rings rated at 121°C

¥ Coupling pricing & availability on request.

Male O-Ring Boss Swivel – 45° Block

SAE J1926/3 ISO 11926-3 Light-Duty (L Series)
Stud End

NOT TO BE USED AS A LIVE SWIVEL.



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
MCUMS45-09-06¥	6G-6MBX45	7100-12475	3/8	9.5	9/16-18	3/4	7/8	27.8	79.0	51.0
MCUMS45-12-06¥	6G-8MBX45	7100-12485	3/8	9.5	3/4-16	3/4	1	26.9	78.1	50.2
MCUMS45-12-08¥	8G-8MBX45	7100-02495	1/2	12.7	3/4-16	1	1	28.4	77.2	39.7
MCUMS45-14-08¥	8G-10MBX45	7100-02505	1/2	12.7	7/8-14	1	1	29.5	78.3	40.8

NOTE: Internal O-Rings rated at 121°C

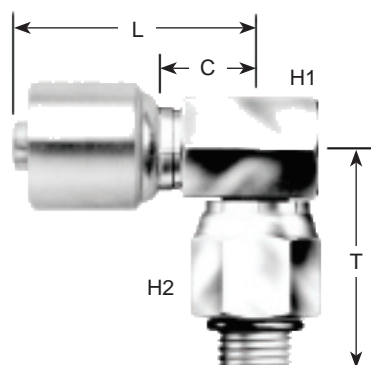
¥ Coupling pricing & availability on request.

www.hardyspicer.com.au

Document No:	HSFITCAT
Issue:	3
Issue Date:	01/07/07

This catalogue is the copyright
of Hardy Spicer

Male O-Ring Boss Swivel - 90° Block



SAE J1926/3 ISO 11926-3 Light-Duty (L Series)
Stud End

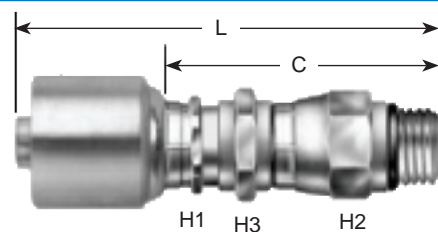
NOT TO BE USED AS A LIVE SWIVEL.

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
MCUMS90-08-04¥	4G-5MBX90	7100-12555	1/4	6.4	1/2-20	11/16	11/16	40.0	46.3	20.2
MCUMS90-09-04¥	4G-6MBX90	7100-12515	1/4	6.4	9/16-18	11/16	7/8	41.8	46.3	20.2
MCUMS90-09-06¥	6G-6MBX90	7100-12525	3/8	9.5	9/16-18	3/4	7/8	42.5	49.7	21.7
MCUMS90-12-06¥	6G-8MBX90	7100-12535	3/8	9.5	3/4-16	3/4	1	41.3	49.0	21.1
MCUMS90-14-06¥	6G-10MBX90	7100-12545	3/8	9.5	7/8-14	3/4	1	42.8	49.6	21.7
MCUMS90-12-08¥	8G-8MBX90	7100-02555	1/2	12.7	3/4-16	1	1	44.5	64.7	27.2
MCUMS90-14-08¥	8G-10MBX90	7100-02565	1/2	12.7	7/8-14	1	1	46.0	64.7	27.2
MCUMS90-17-08¥	8G-12MBX90	7100-02575	1/2	12.7	1 1/16-12	1	1 5/16	53.1	64.1	26.6
MCUMS90-14-10¥	10G-10MBX90	7100-02585	5/8	15.8	7/8-14	1	1	46.0	60.9	23.5
MCUMS90-17-12¥	12G-12MBX90	7100-02595	3/4	19	1 1/16-12	1 3/8	1 5/16	60.6	80.7	29.7

NOTE: Internal O-Rings rated at 121°C

¥ Coupling pricing & availability on request.

Male O-Ring Boss Adaptor-less Swivel



Hardy Spicer Part Number	Gates Desc.	Gates Part Number	Hose ID		Thread Size	H1	H2	H3	L	C
			inch	mm		mm	mm	mm	mm	mm
MCUMA-07-04¥	4G-4MBAX	7100-17115	1/4	6.4	7/16-20	14.0	17.0	17.0	81.0	55.0
MCUMA-09-04¥	4G-6MBAX	7100-17135	1/4	6.4	9/16-18	14.0	17.0	17.0	81.0	55.0
MCUMA-09-06¥	6G-6MBAX	7100-17215	3/8	9.5	9/16-18	17.0	22.0	22.0	87.5	59.6
MCUMA-12-06¥	6G-8MBAX	7100-17225	3/8	9.5	3/4-16	17.0	22.0	22.0	87.0	59.1
MCUMA-12-08¥	8G-8MBAX	7100-17265	1/2	12.7	3/4-16	22.0	24.0	24.0	102.0	64.5
MCUMA-14-10¥	10G-10MBAX	7100-17315	5/8	15.8	7/8-14	24.0	30.0	30.0	108.0	70.5
MCUMA-17-12¥	12G-12MBAX	7100-17365	3/4	19	1 1/16-12	27.0	36.0	36.0	131.0	80.0

NOTE: Internal O-Rings rated at 121°C

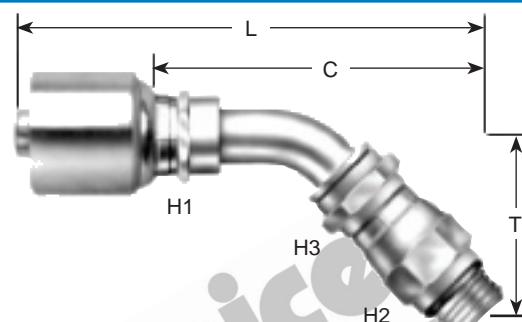
¥ Coupling pricing & availability on request.

www.hardyspicer.com.au

Document No:	HSFITCAT
Issue:	3
Issue Date:	01/07/07

This catalogue is the copyright
of Hardy Spicer

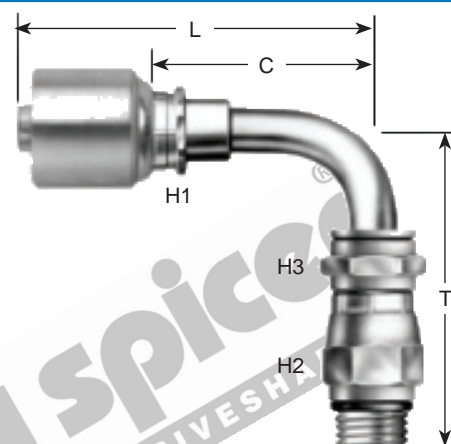
Male O-Ring Boss Adaptor-less Swivel - 45° Bent Tube



Hardy Spicer Part Number	Gates Desc.	Gates Part Number	Hose ID		Thread Size	H1	H2	H3	T	L	C
			inch	mm		inch	mm	mm	mm	mm	mm
MCUMA45-07-04¥	4G-4MBAX45	7100-17615	1/4	6.4	7/16-20	11/16	17.0	17.0	36.0	90.0	64.0
MCUMA45-09-06¥	6G-6MBAX45	7100-17715	3/8	9.5	9/16-18	5/8	22.0	22.0	40.0	101.0	73.1
MCUMA45-12-06¥	6G-8MBAX45	7100-17725	3/8	9.5	3/4-16	5/8	22.0	22.0	40.0	101.0	73.1
MCUMA45-12-08¥	8G-8MBAX45	7100-17765	1/2	12.7	3/4-16	13/16	24.0	24.0	46.0	122.0	84.5
MCUMA45-14-10¥	10G-10MBAX45	7100-17815	5/8	15.8	7/8-14	15/16	30.0	30.0	50.0	129.0	92.0
MCUMA45-17-12¥	12G-12MBAX45	7100-17865	3/4	19	1 1/16-12	1 1/16	36.0	36.0	56.0	152.0	101.0

NOTE: Internal O-Rings rated at 121°C

Male O-Ring Boss Adaptor-less Swivel - 90° Bent Tube



Hardy Spicer Part Number	Gates Desc.	Gates Part Number	Hose ID		Thread Size	H1	H2	H3	T	L	C
			inch	mm		inch	mm	mm	mm	mm	mm
MCUMA90-07-04-¥	4G-4MBAX90S	7100-18115	1/4	6.4	7/16-20	1/2	17.0	17.0	59.0	68.0	42.0
MCUMA90L-07-04-¥	4G-4MBAX90L	7100-19115	1/4	6.4	7/16-20	1/2	17.0	17.0	85.0	61.0	35.0
MCUMA90-09-06¥	6G-6MBAX90S	7100-18215	3/8	9.5	9/16-18	5/8	22.0	22.0	66.0	78.0	50.1
MCUMA90-12-06¥	6G-8MBAX90S	7100-18225	3/8	9.5	3/4-16	5/8	22.0	22.0	66.0	78.0	50.1
MCUMA90L-09-06¥	6G-6MBAX90L	7100-19215	3/8	9.5	9/16-18	5/8	22.0	22.0	96.0	70.0	42.1
MCUMA90-12-08¥	8G-8MBAX90S	7100-18265	1/2	12.7	3/4-16	13/16	24.0	24.0	77.0	96.5	59.0
MCUMA90L-12-08¥	8G-8MBAX90L	7100-19265	1/2	12.7	3/4-16	13/16	24.0	24.0	112.0	87.5	50.0
MCUMA90-14-10¥	10G-10MBAX90S	7100-18315	5/8	15.8	7/8-14	15/16	30.0	30.0	86.0	106.5	69.0
MCUMA90L-14-10¥	10G-10MBAX90L	7100-19315	5/8	15.8	7/8-14	15/16	30.0	30.0	126.0	95.5	58.0
MCUMA90-17-10¥	10G-12MBAX90S	7100-18325	5/8	15.8	1 1/16-12	15/16	36.0	36.0	97.0	114.0	77.0
MCUMA90-17-12¥	12G-12MBAX90S	7100-18365	3/4	19	1 1/16-12	1 1/16	36.0	36.0	97.0	127.0	76.0
MCUMA90L-17-12¥	12G-12MBAX90L	7100-19365	3/4	19	1 1/16-12	1 1/16	36.0	36.0	143.0	114.0	63.0

NOTE: Internal O-Rings rated at 121°C

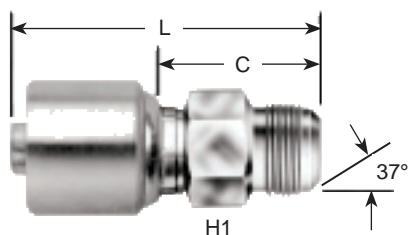
¥ Coupling pricing & availability on request.

www.hardyspicer.com.au

Document No:	HSFITCAT
Issue:	3
Issue Date:	01/07/07

This catalogue is the copyright of Hardy Spicer

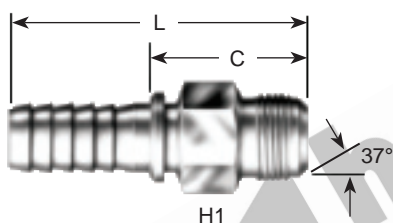
Male JIC 37° Flare



Hardy Spicer Part Number	Gates Desc.	Gates Part Number	Hose ID		Thread Size	H1	L	C
			inch	mm		inch	mm	mm
MCJM-07-04	4G-4MJ	7100-10635	1/4	6.4	7/16-20	5/8	55.5	29.5
MCJM-08-04	4G-5MJ	7100-10645	1/4	6.4	1/2-20	1/2	55.5	29.5
MCJM-09-04	4G-6MJ	7100-10825	1/4	6.4	9/16-18	9/16	56.0	30.0
MCJM-09-05¥	5G-6MJ	7100-00665	5/16	7.9	9/16-18	5/8	57.5	29.5
MCJM-09-06	6G-6MJ	7100-10675	3/8	9.5	9/16-18	5/8	57.5	29.6
MCJM-12-06	6G-8MJ	7100-10835	3/8	9.5	3/4-16	3/4	61.0	33.1
MCJM-14-06	6G-10MJ	7100-10845	3/8	9.5	7/8-14	7/8	64.0	36.1
MCJM-12-08	8G-8MJ	7100-10705	1/2	12.7	3/4-16	13/16	68.0	30.5
MCJM-14-08	8G-10MJ	7100-00715	1/2	12.7	7/8-14	7/8	70.5	33.0
MCJM-17-08	8G-12MJ	7100-00725	1/2	12.7	1 1/16-12	1 1/16	75.5	38.0
MCJM-12-10¥	10G-8MJ	7100-00735	5/8	15.8	3/4-16	15/16	72.0	34.5
MCJM-14-10	10G-10MJ	7100-00745	5/8	15.8	7/8-14	15/16	76.0	38.5
MCJM-17-10	10G-12MJ	7100-00755	5/8	15.8	1 1/16-12	1 1/16	75.5	38.0
MCJM-17-12	12G-12MJ	7100-00765	3/4	19	1 1/16-12	1 1/16	93.5	42.5
MCJM-19-12¥	12G-14MJ	7100-00775	3/4	19	1 3/16-12	1 3/16	91.0	40.0
MCJM-21-12	12G-16MJ	7100-10785	3/4	19	1 5/16-12	1 5/16	92.0	41.0
MCJM-21-16	16G-16MJ	7100-00795	1	25.4	1 5/16-12	1 3/8	104.5	47.7
MCJM-26-16¥	16G-20MJ	7100-00805	1	25.4	1 5/8-12	1 3/4	109.0	52.2
MCJM-26-20	20G-20MJ	7100-00815	1 1/4	31.7	1 5/8-12	1 3/4	112.5	53.5

¥ Coupling pricing & availability on request.

Male JIC 37° Flare

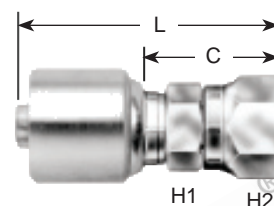


Hardy Spicer Part Number	Gates Desc.	Gates Part Number	Hose ID		Thread Size	H1	L	C
			inch	mm		inch	mm	mm
PCJM-30-24	24-24MJ	7301-89245	1 1/2	38.1	1 7/8-12	2	124.7	57.7
PCJM-40-32	32-32MJ	7301-99245	2	50.8	2 1/2-12	2 5/8	156.5	66.8

www.hardyspicer.com.au

Document No:	HSFITCAT
Issue:	3
Issue Date:	01/07/07

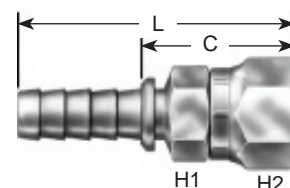
Female JIC 37° Flare Swivel



Hardy Spicer Part Number	Gates Desc.	Gates Part Number	Hose ID		Thread Size	H1	H2	L	C
			inch	mm		inch	inch	mm	mm
MCJF-07-04	4G-4FJX	7100-00875	1/4	6.4	7/16-20	1/2	9/16	53.4	27.4
MCJF-08-04	4G-5FJX	7100-10895	1/4	6.4	1/2-20	1/2	11/16	56.2	30.2
MCJF-09-04	4G-6FJX	7100-10905	1/4	6.4	9/16-18	9/16	3/4	56.3	30.2
MCJF-08-05¥	5G-5FJX	7100-00935	5/16	7.9	1/2-20	5/8	11/16	56.7	28.7
MCJF-09-05¥	5G-6FJX	7100-00925	5/16	7.9	9/16-18	5/8	3/4	58.8	30.8
MCJF-07-06¥	6G-4FJX	7100-10925	3/8	9.5	7/16-20	5/8	9/16	58.4	30.5
MCJF-07-05¥	6G-5FJX	7100-10935	3/8	9.5	1/2-20	5/8	11/16	56.7	28.8
MCJF-09-06	6G-6FJX	7100-10945	3/8	9.5	9/16-18	5/8	3/4	58.8	30.2
MCJF-12-06	6G-8FJX	7100-10955	3/8	9.5	3/4-16	11/16	7/8	63.1	35.1
MCJF-14-06	6G-10FJX	7100-10965	3/8	9.5	7/8-14	13/16	1 1/16	66.2	38.2
MCJF-09-08¥	8G-6FJX	7100-00975	1/2	12.7	9/16-18	13/16	3/4	66.8	29.3
MCJF-12-08	8G-8FJX	7100-00985	1/2	12.7	3/4-16	13/16	7/8	71.6	34.1
MCJF-14-08	8G-10FJX	7100-00995	1/2	12.7	7/8-14	13/16	1 1/16	75.1	37.7
MCJF-17-08	8G-12FJX	7100-01005	1/2	12.7	1 1/16-12	1	1 1/4	80.1	42.6
MCJF-12-10¥	10G-8FJX	7100-01015	5/8	15.8	3/4-16	15/16	7/8	73.6	36.1
MCJF-14-10	10G-10FJX	7100-01025	5/8	15.8	7/8-14	15/16	1 1/16	77.1	39.7
MCJF-17-10	10G-12FJX	7100-01035	5/8	15.8	1 1/16-12	1	1 1/4	78.5	41.0
MCJF-19-10¥	10G-14FJX	7100-01045	5/8	15.8	1 3/16-12	1 1/8	1 3/8	79.7	42.2
MCJF-12-12¥	12G-8FJX	7100-07155	3/4	19	3/4-16	1 1/16	7/8	89.1	38.1
MCJF-14-12	12G-10FJX	7100-01055	3/4	19	7/8-14	1 1/16	1 1/16	89.1	38.1
MCJF-17-12	12G-12FJX	7100-01065	3/4	19	1 1/16-12	1 1/16	1 1/4	93.5	42.5
MCJF-19-12¥	12G-14FJX	7100-01075	3/4	19	1 3/16-12	1 1/8	1 3/8	92.7	41.6
MCJF-21-12	12G-16FJX	7100-01085	3/4	19	1 5/16-12	1 1/4	1 1/2	96.0	45.0
MCJF-17-16	16G-12FJX	7100-01105	1	25.4	1 1/16-12	1 3/8	1 1/4	101.0	44.2
MCJF-19-16¥	16G-14FJX	7100-01115	1	25.4	1 3/16-12	1 3/8	1 3/8	101.6	44.9
MCJF-21-16	16G-16FJX	7100-01125	1	25.4	1 5/16-12	1 3/8	1 1/2	106.0	49.2
MCJF-26-16	16G-20FJX	7100-01135	1	25.4	1 5/8-12	1 9/16	2	109.9	53.1
MCJF-26-20	20G-20FJX	7100-01145	1 1/4	31.7	1 5/8-12	1 3/4	2	116.9	57.9
MCJF-30-20	20G-24FJX	7100-01155	1 1/4	31.7	1 7/8-12	1 7/8	2 1/4	123.2	64.2

¥ Coupling pricing & availability on request.

Female JIC 37° Flare Swivel



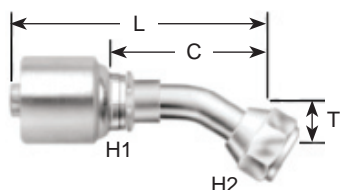
Hardy Spicer Part Number	Gates Desc.	Gates Part Number	Hose ID		Thread Size	H1	H2	L	C
			inch	mm		inch	inch	mm	mm
PCJF-30-24	24-24FJX	7303-89245	1 1/2	38.1	1 7/8-12	2	2 1/4	129.5	62.5
PCJF-40-32	32-32FJX	7303-99245	2	50.8	2 1/2-12	2 1/2	2 7/8	163.8	74.2

www.hardyspicer.com.au

Document No:	HSFITCAT
Issue:	3
Issue Date:	01/07/07

This catalogue is the copyright of Hardy Spicer

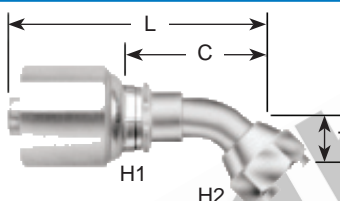
Female JIC 37° Flare Swivel - 30° Bent Tube



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
MCJF30-17-10¥	10G-12FJX30-018	7100-01185	5/8	15.8	1 1/16-12	7/8	1 1/4	17.8	112.4	74.9
MCJF30-14-12¥	12G-10FJX30	7100-07125	3/4	19	7/8-14	1	1 1/16	17.8	113.0	62.0

¥ Coupling pricing & availability on request.

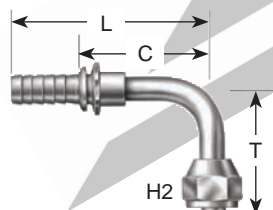
Female JIC 37° Flare Swivel - 45° Bent Tube



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
MCJF45-07-04	4G-4FJX45	7100-11215	1/4	6.4	7/16-20	1/2	9/16	11.9	58.0	32.0
MCJF45-08-04¥	4G-5FJX45	7100-11235	1/4	6.4	1/2-20	1/2	5/8	14.2	65.0	39.0
MCJF45-09-04	4G-6FJX45	7100-11255	1/4	6.4	9/16-18	1/2	11/16	14.2	69.4	43.4
MCJF45-08-05¥	5G-5FJX45	7100-01265	5/16	7.9	1/2-20	5/8	5/8	14.2	66.0	38.0
MCJF45-09-05¥	5G-6FJX45	7100-01275	5/16	7.9	9/16-18	5/8	11/16	14.2	73.0	45.0
MCJF45-09-06	6G-6FJX45	7100-11305	3/8	9.5	9/16-18	5/8	11/16	14.2	73.9	46.0
MCJF45-12-06	6G-8FJX45	7100-11325	3/8	9.5	3/4-16	5/8	7/8	17.5	73.1	45.2
MCJF45-12-08	8G-8FJX45	7100-20005	1/2	12.7	3/4-16	13/16	7/8	17.5	84.1	46.6
MCJF45-14-08	8G-10FJX45	7100-01365	1/2	12.7	7/8-14	13/16	1	19.1	91.9	54.4
MCJF45-14-10	10G-10FJX45	7100-01375	5/8	15.8	7/8-14	15/16	1	19.1	91.5	54.0
MCJF45-17-10	10G-12FJX45	7100-01385	5/8	15.8	1 1/16-12	15/16	1 1/4	26.9	105.0	67.5
MCJF45-14-10¥	12G-10FJX45	7100-01395	3/4	19	7/8-14	1 1/16	1	19.1	116.0	65.0
MCJF45-17-12	12G-12FJX45	7100-01415	3/4	19	1 1/16-12	1 1/16	1 1/4	26.9	124.2	73.2
MCJF45-21-12	12G-16FJX45	7100-01425	3/4	19	1 5/16-12	1 3/16	1 1/2	29.5	146.0	95.0
MCJF45-17-16¥	16G-12FJX45S	7100-01435	1	25.4	1 1/16-12	1 3/8	1 1/4	21.0	131.0	74.2
MCJF45-21-16	16G-16FJX45	7100-01455	1	25.4	1 5/16-12	1 3/8	1 1/2	29.5	134.6	77.8
MCJF45-26-20	20G-20FJX45	7100-01465	1 1/4	31.7	1 5/8-12	1 3/4	2	35.0	169.0	110.0

¥ Coupling pricing & availability on request.

Female JIC 37° Flare Swivel - 90° Bent Tube

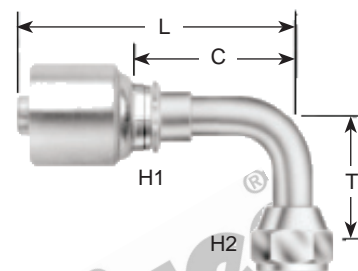


Hardy Spicer Part Number	Gates Desc.	Gates Part Number	Hose ID		Thread Size	H2	T	L	C
			"	mm		"	mm	mm	mm
PCJF90-30-24	24C2-24FJX90S	7334-41255	1-1/2	38.1	1 7/8-12	2 1/4	101.6	180.6	113.5

www.hardyspicer.com.au

Document No:	HSFITCAT
Issue:	3
Issue Date:	01/07/07

Female JIC 37° Flare Swivel - 90° Bent Tube



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
MCJF90S-07-04¥	4G-4FJX90S	7100-11475	1/4	6.4	7/16-20	1/2	9/16	17.3	57.3	31.3
MCJF90-07-04	4G-4FJX90M	7100-11485	1/4	6.4	7/16-20	1/2	9/16	22.4	52.2	26.2
MCJF90L-07-04¥	4G-4FJX90L	7100-11495	1/4	6.4	7/16-20	1/2	9/16	45.7	52.2	26.2
MCJF90S-08-04¥	4G-5FJX90S	7100-11505	1/4	6.4	1/2-20	1/2	5/8	19.6	59.0	33.0
MCJF90-08-04	4G-5FJX90M	7100-11515	1/4	6.4	1/2-20	1/2	5/8	28.7	55.2	29.2
MCJF90S-09-04¥	4G-6FJX90S	7100-11535	1/4	6.4	9/16-18	1/2	11/16	21.6	63.9	37.9
MCJF90-09-04	4G-6FJX90M	7100-07165	1/4	6.4	9/16-18	1/2	11/16	28.7	64.0	38.0
MCJF90L-09-04¥	4G-6FJX90L	7100-11555	1/4	6.4	9/16-18	1/2	11/16	54.0	71.0	45.0
MCJF90S-09-05¥	5G-6FJX90S	7100-07235	5/16	7.9	9/16-18	5/8	11/16	21.6	67.9	39.9
MCJF90-09-05¥	5G-6FJX90M	7100-01555	5/16	7.9	9/16-18	5/8	11/16	28.7	64.0	36.0
MCJF90S-07-06¥	6G-4FJX90S	7100-07305	3/8	9.5	7/16-20	5/8	9/16	21.0	60.3	32.4
MCJF90L-07-06¥	6G-4FJX90L	7100-07325	3/8	9.5	7/16-20	5/8	9/16	46.0	56.2	28.3
MCJF90S-09-06¥	6G-6FJX90S	7100-11565	3/8	9.5	9/16-18	5/8	11/16	21.6	60.0	31.0
MCJF90-09-06	6G-6FJX90M	7100-11575	3/8	9.5	9/16-18	5/8	11/16	28.7	58.9	31.0
MCJF90L-09-06¥	6G-6FJX90L	7100-11585	3/8	9.5	9/16-18	5/8	11/16	55.4	66.0	38.1
MCJF90S-12-06¥	6G-8FJX90S	7100-11595	3/8	9.5	3/4-16	5/8	7/8	27.7	69.7	41.8
MCJF90-12-06	6G-8FJX90M	7100-11605	3/8	9.5	3/4-16	5/8	7/8	35.1	64.4	36.5
MCJF90L-12-06¥	6G-8FJX90L	7100-11615	3/8	9.5	3/4-16	5/8	7/8	61.7	64.4	36.5
MCJF90-14-06¥	6G-10FJX90M	7100-07215	3/8	9.5	7/8-14	5/8	1	44.5	70.5	42.5
MCJF90S-12-08¥	8G-8FJX90S	7100-20015	1/2	12.7	3/4-16	N/A	7/8	29.0	80.3	42.8
MCJF90-12-08	8G-8FJX90M	7100-20045	1/2	12.7	3/4-16	N/A	7/8	41.0	74.0	36.5
MCJF90L-12-08¥	8G-8FJX90L	7100-20035	1/2	12.7	3/4-16	N/A	7/8	64.0	74.0	36.5
MCJF90S-14-08¥	8G-10FJX90S	7100-01655	1/2	12.7	7/8-14	N/A	1	31.2	94.5	57.0
MCJF90-14-08	8G-10FJX90M	7100-01665	1/2	12.7	7/8-14	N/A	1	44.5	81.3	43.9
MCJF90L-14-08¥	8G-10FJX90L	7100-01675	1/2	12.7	7/8-14	N/A	1	65.3	80.1	42.7
MCJF90S-17-08¥	8G-12FJX90S	7100-11645	1/2	12.7	1 1/16-12	N/A	1 1/4	48.0	105.0	67.5
MCJF90S-14-10¥	10G-10FJX90S	7100-01685	5/8	15.8	7/8-14	15/16	1	31.2	85.5	48.0
MCJF90-14-10	10G-10FJX90M	7100-01705	5/8	15.8	7/8-14	15/16	1	44.5	81.0	43.5
MCJF90L-14-10¥	10G-10FJX90L	7100-07175	5/8	15.8	7/8-14	15/16	1	65.3	81.0	43.5
MCJF90S-17-10¥	10G-12FJX90S	7100-01695	5/8	15.8	1 1/16-12	15/16	1 1/4	46.2	95.8	58.3
MCJF90L-17-10¥	10G-12FJX90L	7100-07245	5/8	15.8	1 1/16-12	15/16	1 1/4	96.0	85.0	47.5
MCJF90-14-12¥	12G-10FJX90M	7100-07195	3/4	19	7/8-14	1 1/16	1	44.5	96.0	45.0
MCJF90S-17-12¥	12G-12FJX90S	7100-01715	3/4	19	1 1/16-12	1 1/16	1 1/4	46.2	108.2	57.2
MCJF90-17-12	12G-12FJX90M	7100-01725	3/4	19	1 1/16-12	1 1/16	1 1/4	52.3	97.2	46.2
MCJF90L-17-12¥	12G-12FJX90L	7100-01735	3/4	19	1 1/16-12	1 1/16	1 1/4	94.7	97.2	46.2
MCJF90S-19-12¥	12G-14FJX90S	7100-01745	3/4	19	1 3/16-12	1 1/16	1 3/8	50.8	124.0	73.0
MCJF90L-19-12¥	12G-14FJX90L	7100-01755	3/4	19	1 3/16-12	1 1/16	1 3/8	99.8	105.0	54.0

www.hardyspicer.com.au

Document No:	HSFITCAT
Issue:	3
Issue Date:	01/07/07

This catalogue is the copyright of Hardy Spicer

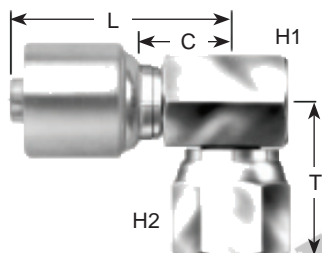
Cont.

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

MCJF90S-21-16¥	16G-16FJX90S	7100-01765	1	25.4	1 5/16-12	1 3/8	1 1/2	56.6	129.9	73.1
MCJF90-21-16	16G-16FJX90M	7100-01785	1	25.4	1 5/16-12	1 3/8	1 1/2	66.5	114.9	58.1
MCJF90L-21-16¥	16G-16FJX90L	7100-01775	1	25.4	1 5/16-12	1 3/8	1 1/2	110.0	114.9	58.1
MCJF90S-26-16¥	16G-20FJX90S	7100-07205	1	25.4	1 5/8-12	1 3/8	2	75.0	167.0	110.2
MCJF90-26-20	20G-20FJX90M	7100-01795	1 1/4	31.7	1 5/8-12	1 3/4	2	88.9	138.0	79.0

¥ Coupling pricing & availability on request.

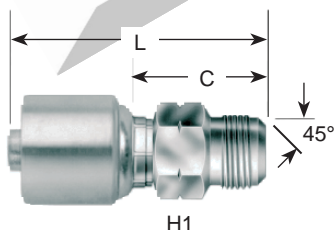
Female JIC 37° Flare Swivel - 90° Block



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
MCJF90C-21-12¥	12G-16FJX90BL	7101-50545	3/4	19	1 5/16-12	1 3/8	1 1/2	53.2	95.0	44.0

¥ Coupling pricing & availability on request.

Male SAE 45° Flare



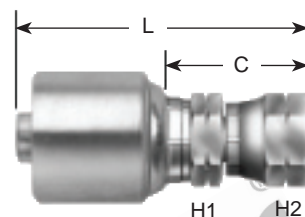
Hardy Spicer Part Number	Gates Desc.	Gates Part Number	Hose ID		Thread Size	H1	L	C
			inch	mm		inch	mm	mm
MCSM-07-04¥	4G-4MS	7100-11815	1/4	6.4	7/16-20	1/2	53.5	27.5
MCSM-08-04¥	4G-5MS	7100-11825	1/4	6.4	1/2-20	1/2	54.8	28.8
MCSM-10-06¥	6G-6MS	7100-11835	3/8	9.5	5/8-18	5/8	58.0	30.1
MCSM-12-06¥	6G-8MS	7100-11845	3/8	9.5	3/4-16	3/16	61.4	33.4
MCSM-12-08¥	8G-8MS	7100-01855	1/2	12.7	3/4-16	13/16	70.5	33.0
MCSM-14-08¥	8G-10MS	7100-01865	1/2	12.7	7/8-14	7/8	73.5	36.0
MCSM-17-12¥	12G-12MS	7100-01875	3/4	19	1 1/16-14	1 1/16	96.0	45.0

¥ Coupling pricing & availability on request.

www.hardyspicer.com.au

Document No:	HSFITCAT
Issue:	3
Issue Date:	01/07/07

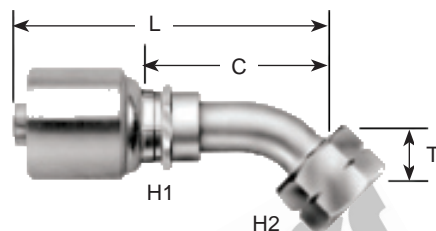
Female SAE 45° Flare Swivel



Hardy Spicer Part Number	Gates Desc.	Gates Part Number	Hose ID		Thread Size	H1	H2	L	C
			inch	mm		inch	inch	mm	mm
MCSF-07-04¥	4G-4FSX	7100-11885	1/4	6.4	7/16-20	1/2	9/16	57.0	31.0
MCSF-08-04¥	4G-5FSX	7100-11895	1/4	6.4	1/2-20	1/2	11/16	56.2	30.2
MCSF-10-04¥	4G-6FSX	7100-11905	1/4	6.4	5/8-18	5/8	3/4	58.7	32.6
MCSF-10-05¥	5G-6FSX	7100-11935	5/16	7.9	5/8-18	5/8	3/4	62.1	34.1
MCSF-10-06	6G-6FSX	7100-11915	3/8	9.5	5/8-18	5/8	3/4	62.1	34.2
MCSF-12-06¥	6G-8FSX	7100-11925	3/8	9.5	3/4-16	11/16	7/8	63.1	35.1
MCSF-12-08¥	8G-8FSX	7100-01935	1/2	12.7	3/4-16	13/16	7/8	71.6	34.1
MCSF-14-08¥	8G-10FSX	7100-01945	1/2	12.7	7/8-14	13/16	1 1/16	75.9	38.4
MCSF-17-12	12G-12FSX	7100-01955	3/4	19	1 1/16-14	1 1/16	1 1/4	93.5	42.5

¥ Coupling pricing & availability on request.

Female SAE 45° Flare Swivel - 45° Bent Tube



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
MCSF45-08-04¥	4G-5FSX45-009	7100-01965	1/4	6.4	1/2-20	1 1/16	5/8	9.1	66.9	40.9
MCSF45-10-06¥	6G-6FSX45	7100-11995	3/8	9.5	5/8-18	5/8	3/4	9.9	69.5	41.6
MCSF45-12-06¥	6G-8FSX45-014	7100-02035	3/8	9.5	3/4-16	5/8	7/8	14.0	87.8	59.9
MCSF45-12-08¥	8G-8FSX45	7100-02015	1/2	12.7	3/4-16	13/16	7/8	14.0	84.0	46.5
MCSF45-14-08¥	8G-10FSX45-016	7100-02055	1/2	12.7	7/8-14	13/16	1	16.0	93.1	55.6
MCSF45-17-12¥	12G-12FSX45	7100-02045	3/4	19.1	1 1/16-14	1 1/16	1 1/4	19.8	111.0	60.0

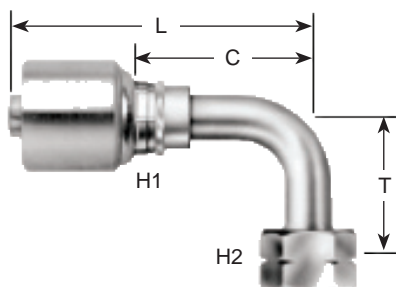
¥ Coupling pricing & availability on request.

www.hardyspicer.com.au

Document No:	HSFITCAT
Issue:	3
Issue Date:	01/07/07

This catalogue is the copyright
of Hardy Spicer

Female SAE 45° Flare Swivel - 90° Bent Tube



Hardy Spicer Part Number	Gates Desc.	Gates Part Number	Hose ID		hreadSize	H1	H2	T	L	C
			inch	mm		inch	inch	mm	mm	mm
MCSF90-07-04¥	4G-4FSX90	7100-12055	1/4	6.4	7/16-20	1/2	9/16	31.5	52.0	26.0
MCSF90-08-04¥	4G-5FSX90-046	7100-01985	1/4	6.4	1/2-20	1/2	5/8	45.7	62.8	36.8
MCSF90-10-05¥	5G-6FSX90-022	7100-02005	5/16	7.9	5/8-18	5/8	3/4	21.6	70.4	42.4
MCSF90-10-06	6G-6FSX90	7100-12105	3/8	9.5	5/8-18	5/8	3/4	38.5	60.0	32.1
MCSF90L-10-06¥	6G-6FSX90-055	7100-01995	3/8	9.5	5/8-18	5/8	3/4	55.4	71.8	43.9
MCSF90-12-06¥	6G-8FSX90	7100-02125	3/8	9.5	3/4-16	5/8	7/8	44.5	74.5	37.0
MCSF90-12-08¥	8G-8FSX90	7100-02135	1/2	12.7	3/4-16	13/16	7/8	44.5	74.5	37.0
MCSF90-14-08¥	8G-10FSX90-031	7100-02065	1/2	12.7	7/8-14	13/16	1	31.2	83.5	46.0
MCSF90-17-12	12G-12FSX90	7100-02185	3/4	19.0	1 1/16-14	1 1/16	1 1/4	70.5	100.0	49.0

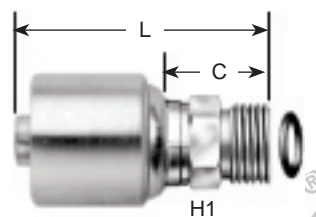
¥ Coupling pricing & availability on request.

www.hardyspicer.com.au

Document No:	HSFITCAT
Issue:	3
Issue Date:	01/07/07

Male Flat-Face O-Ring

SAE J1453 Captive O-Ring Groove for Improved O-Ring Retention

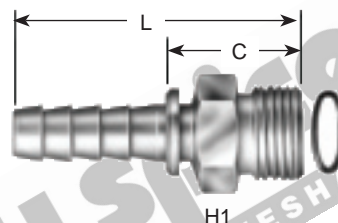


Hardy Spicer Part Number	Gates Desc.	Gates Part Number	Hose ID		Thread Size	H1	L	C
			inch	mm		inch	mm	mm
MCORFM-09-04	4G-4MFFOR	7104-16045	1/4	6.4	9/16-18	17.0	52.5	26.5
MCORFM-11-04¥	4G-6MFFOR	7102-12835	1/4	6.4	11/16-16	19.0	54.0	28.0
MCORFM-11-06	6G-6MFFOR	7104-16075	3/8	9.5	11/16-16	19.0	56.0	28.1
MCORFM-13-06¥	6G-8MFFOR	7102-12845	3/8	9.5	13/16-16	22.0	59.0	31.1
MCORFM-16-06¥	6G-10MFFOR	7102-12875	3/8	9.5	1-14	27.0	64.0	36.1
MCORFM-16-10	10G-10MFFOR	7104-16155	5/8	15.8	1-14	27.0	68.5	31.0
MCORFM-19-10¥	10G-12MFFOR	7102-02885	5/8	15.8	1 3/16-12	32.0	72.0	34.5
MCORFM-13-08	8G-8MFFOR	7104-16115	1/2	12.7	13/16-16	22.0	68.2	30.7
MCORFM-16-08¥	8G-10MFFOR	7102-12855	1/2	12.7	1-14	27.0	73.0	35.5
MCORFM-19-12	12G-12MFFOR	7104-16185	3/4	19.0	1 3/16-12	32.0	90.0	39.0
MCORFM-23-12¥	12G-16MFFOR	7102-12865	3/4	19.0	1 7/16-12	41.0	95.0	44.0
MCORFM-23-16	16G-16MFFOR	7104-16215	1	25.4	1 7/16-12	41.0	102.0	45.2
MCORFM-27-16¥	16G-20MFFOR	7102-12895	1	25.4	1 11/16-12	46.0	105.0	48.2
MCORFM-27-20	20G-20MFFOR	7104-16245	1 1/4	31.7	1 11/16-12	46.0	109.0	50.0

¥ Coupling pricing & availability on request.

Male Flat Face O-Ring

New SAE J1453 Captive O-Ring Groove for Improved O-Ring Retention



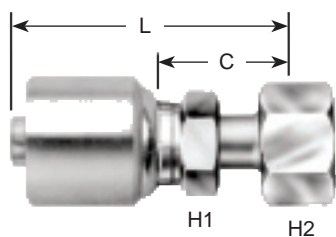
Hardy Spicer Part Number	Gates Desc.	Gates Part Number	Hose ID		Thread Size	H1	L	C
			inch	mm		inch	mm	mm
PCORFM-32-24	24-24MFFOR	7301-02575	1-1/2	38.1	2-12	2-1/8	106.2	39.1

www.hardyspicer.com.au

Document No:	HSFITCAT
Issue:	3
Issue Date:	01/07/07

This catalogue is the copyright of Hardy Spicer

Female Flat-Face O-Ring Swivel



SAE J1453 O-Ring Face Seal.

Hardy Spicer Part Number	Gates Desc.	Gates Part Number	Hose ID		Thread Size	H1	H2	L	C
			"	mm		"	"	mm	mm
MCORF-09-04	4G-4FFORX	7102-13125	1/4	6.4	9/16-18	9/16	11/16	54.5	28.5
MCORF-11-04	4G-6FFORX	7102-13135	1/4	6.4	11/16-16	5/8	13/16	57.0	31.0
MCORF-11-05¥	5G-6FFORX	7102-04015	5/16	7.9	11/16-16	5/8	13/16	68.5	31.0
MCORF-09-06¥	6G-4FFORX	7102-13195	3/8	9.5	9/16-18	21/32	11/16	57.0	29.1
MCORF-11-06	6G-6FFORX	7102-13145	3/8	9.5	11/16-16	5/8	13/16	59.0	31.0
MCORF-13-06	6G-8FFORX	7102-13155	3/8	9.5	13/16-16	3/4	15/16	64.0	36.1
MCORF-11-08¥	8G-6FFORX	7102-04045	1/2	12.7	11/16-16	13/16	13/16	69.5	32.0
MCORF-13-08	8G-8FFORX	7102-03165	1/2	12.7	13/16-16	13/16	15/16	73.5	36.0
MCORF-16-08	8G-10FFORX	7102-03175	1/2	12.7	1-14	15/16	1 1/8	81.0	43.5
MCORF-19-08	8G-12FFORX	7102-04005	1/2	12.7	1 3/16-12	15/16	1 3/8	84.3	46.8
MCORF-16-10	10G-10FFORX	7102-03185	5/8	15.8	1-14	1	1 1/8	81.5	44.0
MCORF-19-10	10G-12FFORX	7102-03195	5/8	15.8	1 3/16-12	15/16	1 3/8	84.0	46.5
MCORF-14-12¥	12G-10FFORX	7102-03205	3/4	19.0	1-14	1 1/16	1 1/8	95.5	44.5
MCORF-19-12	12G-12FFORX	7102-03905	3/4	19.0	1 3/16-12	1 1/16	1 3/8	96.0	45.0
MCORF-21-12	12G-16FFORX	7102-04205	3/4	19.0	1 7/16-12	1 1/8	1 5/8	101.4	50.4
MCORF-19-16¥	16G-12FFORX	7102-13185	1	25.4	1 3/16-12	1 3/8	1 3/8	106.0	49.2
MCORF-23-16	16G-16FFORX	7102-03925	1	25.4	1 7/16-12	1 3/8	1 5/8	113.4	56.6
MCORF-27-16¥	16G-20FFORX	7102-04215	1	25.4	1 11/16-12	1 3/8	1 7/8	113.4	56.6
MCORF-27-20	20G-20FFORX	7102-03945	1 1/4	31.7	1 11/16-12	1 3/4	1 7/8	114.4	55.4

¥ Coupling pricing & availability on request.

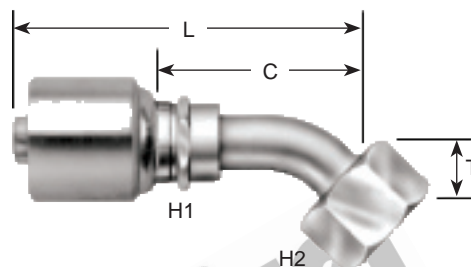
www.hardyspicer.com.au

Document No:	HSFITCAT
Issue:	3
Issue Date:	01/07/07

This catalogue is the copyright
of Hardy Spicer

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

SAE J1453 O-Ring Face Seal.



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
MCORF45-09-04	4G-4FFORX45	7102-13265	1/4	6.4	9/16-18	1/2	11/16	10.4	65.0	39.0
MCORF45-11-04	4G-6FFORX45	7102-13275	1/4	6.4	11/16-16	1/2	13/16	10.9	68.5	42.5
MCORF45-11-05¥	5G-6FFORX45	7102-04025	5/16	7.9	11/16-16	5/8	13/16	10.9	69.3	41.3
MCORF45-09-06¥	6G-4FFORX45S	7102-03985	3/8	9.5	9/16-18	5/8	11/16	10.0	66.1	38.1
MCORF45-11-06	6G-6FFORX45	7102-13285	3/8	9.5	11/16-16	5/8	13/16	10.9	69.8	41.9
MCORF45-13-06	6G-8FFORX45	7102-13295	3/8	9.5	13/16-16	5/8	15/16	15.0	78.0	50.1
MCORF45-13-08	8G-8FFORX45	7102-04325	1/2	12.7	13/16-16	13/16	15/16	15.0	89.0	51.5
MCORF45-16-08	8G-10FFORX45	7102-03315	1/2	12.7	1-14	13/16	1 1/8	16.5	89.5	52.1
MCORF45-19-12¥	8G-12FFORX45	7102-03765	1/2	12.7	1 3/16-12	15/16	1 3/8	21.0	110.3	72.9
MCORF45-16-10	10G-10FFORX45	7102-03325	5/8	15.8	1-14	15/16	1 1/8	16.5	89.0	51.6
MCORF45-19-10	10G-12FFORX45	7102-03335	5/8	15.8	1 3/16-12	15/16	1 3/8	21.1	99.1	61.5
MCORF45-16-12	12G-10FFORX45	7102-04165	3/4	19.0	1-14	1 1/16	1 1/8	16.5	101.6	50.6
MCORF45-19-12	12G-12FFORX45	7102-03345	3/4	19.0	1 3/16-12	1 1/16	1 3/8	21.1	118.5	67.5
MCORF45-23-12¥	12G-16FFORX45	7102-03355	3/4	19.0	1 7/16-12	1 3/16	1 5/8	23.9	133.0	82.0
MCORF45-23-16	16G-16FFORX45	7102-03365	1	25.4	1 7/16-12	1 3/8	1 5/8	23.9	129.1	72.3
MCORF45-27-20	20G-20FFORX45	7102-03375	1 1/4	31.7	1 11/16-12	1 3/4	1 7/8	25.4	148.0	89.0

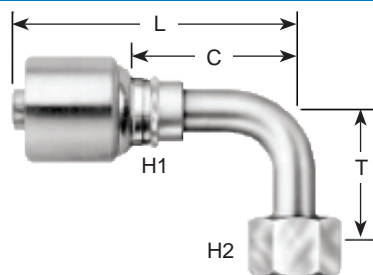
¥ Coupling pricing & availability on request.

www.hardyspicer.com.au

Document No:	HSFITCAT
Issue:	3
Issue Date:	01/07/07

This catalogue is the copyright of Hardy Spicer

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



SAE J1453 O-Ring Face Seal.

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
MCORF90S-09-04¥	4G-4FFORX90S	7102-13385	1/4	6.4	9/16-18	1/2	11/16	20.8	60.4	34.4
MCORF90-09-04	4G-4FFORX90M	7102-13395	1/4	6.4	9/16-18	1/2	11/16	32.0	55.2	29.2
MCORF90L-09-04¥	4G-4FFORX90L	7102-13405	1/4	6.4	9/16-18	1/2	11/16	45.7	55.2	29.2
MCORF90S-11-04¥	4G-6FFORX90S	7102-13415	1/4	6.4	11/16-16	1/2	13/16	22.9	63.4	37.3
MCORF90-11-04	4G-6FFORX90M	7102-13425	1/4	6.4	11/16-16	1/2	13/16	38.4	63.2	37.2
MCORF90L-11-04¥	4G-6FFORX90L	7102-13435	1/4	6.4	11/16-16	1/2	13/16	54.1	58.5	32.5
MCORF90-13-04	4G-8FFORX90M	7102-13445	1/4	6.4	13/16-16	5/8	15/16	63.8	66.0	40.0
MCORF90S-11-05¥	5G-6FFORX90S	7102-04035	5/16	7.9	11/16-16	5/8	13/16	22.9	72.1	44.1
MCORF90S-09-06¥	6G-4FFORX90S	7102-04105	3/8	9.5	9/16-18	5/8	11/16	20.8	61.4	33.5
MCORF90S-11-06¥	6G-6FFORX90S	7102-13455	3/8	9.5	11/16-16	5/8	13/16	22.9	64.7	36.7
MCORF90-11-06	6G-6FFORX90M	7102-13465	3/8	9.5	11/16-16	5/8	13/16	38.4	64.7	36.8
MCORF90L-11-06¥	6G-6FFORX90L	7102-13475	3/8	9.5	11/16-16	5/8	13/16	54.1	62.9	35.0
MCORF90S-13-06¥	6G-8FFORX90S	7102-13485	3/8	9.5	13/16-16	5/8	15/16	29.2	73.0	45.0
MCORF90-13-06	6G-8FFORX90M	7102-13495	3/8	9.5	13/16-16	5/8	15/16	41.2	68.5	40.5
MCORF90L-13-06¥	6G-8FFORX90L	7102-13505	3/8	9.5	13/16-16	5/8	15/16	63.8	69.0	41.0
MCORF90S-11-08¥	8G-6FFORX90S	7102-04125	1/2	12.7	11/16-16	13/16	13/16	22.9	75.7	38.2
MCORF90S-13-08¥	8G-8FFORX90S	7100-20215	1/2	12.7	13/16-16	13/16	15/16	29.0	83.9	46.5
MCORF90-13-08	8G-8FFORX90M	7100-20225	1/2	12.7	13/16-16	13/16	15/16	41.0	83.9	46.5
MCORF90L-13-08¥	8G-8FFORX90L	7100-20235	1/2	12.7	13/16-16	13/16	15/16	64.0	83.9	46.5
MCORF90S-16-08¥	8G-10FFORX90S	7102-03545	1/2	12.7	1-14	13/16	1 1/8	32.3	84.0	46.5
MCORF90-16-08	8G-10FFORX90M	7102-03555	1/2	12.7	1-14	13/16	1 1/8	47.0	77.7	40.2
MCORF90L-16-08¥	8G-10FFORX90L	7102-03565	1/2	12.7	1-14	13/16	1 1/8	70.1	77.9	40.4
MCORF90S-19-08¥	8G-12FFORX90S	7102-04135	1/2	12.7	1 3/16-12	15/16	1 3/8	46.6	103.1	65.6
MCORF90S-16-10¥	10G-10FFORX90S	7102-03575	5/8	15.8	1-14	15/16	1 1/8	32.3	83.4	45.9
MCORF90-16-10	10G-10FFORX90M	7102-03585	5/8	15.8	1-14	15/16	1 1/8	47.0	77.6	40.2
MCORF90L-16-10¥	10G-10FFORX90L	7102-03595	5/8	15.8	1-14	15/16	1 1/8	70.1	77.5	40.0
MCORF90S-19-10¥	10G-12FFORX90S	7102-03605	5/8	15.8	1 3/16-12	15/16	1 3/8	47.8	96.6	59.1
MCORF90S-16-12¥	12G-10FFORX90S	7102-03745	3/4	19.0	1-14	1 1/16	1 1/8	32.0	105.0	54.0
MCORF90S-19-12¥	12G-12FFORX90S	7102-03615	3/4	19.0	1 3/16-12	1 1/16	1 3/8	47.8	109.0	58.0
MCORF90-19-12	12G-12FFORX90M	7102-03625	3/4	19.0	1 3/16-12	1 1/16	1 3/8	57.9	106.8	55.8
MCORF90L-19-12¥	12G-12FFORX90L	7102-03635	3/4	19.0	1 3/16-12	1 1/16	1 3/8	96.0	102.0	51.0
MCORF90S-23-12¥	12G-16FFORX90S	7102-03645	3/4	19.0	1 7/16-12	1 3/16	1 5/8	56.1	118.5	67.5
MCORF90S-19-16¥	16G-12FFORX90S	7102-03755	1	25.4	1 3/16-12	1 3/8	1 3/8	48.0	122.8	66.2
MCORF90S-23-16¥	16G-16FFORX90S	7102-03655	1	25.4	1 7/16-12	1 3/8	1 5/8	56.1	129.9	73.1
MCORF90-23-16	16G-16FFORX90M	7102-03665	1	25.4	1 7/16-12	1 3/8	1 5/8	70.6	115.0	58.2
MCORF90L-23-16¥	16G-16FFORX90L	7102-03675	1	25.4	1 7/16-12	1 3/8	1 5/8	114.3	115.0	58.2
MCORF90S-27-20¥	20G-20FFORX90S	7102-03685	1 1/4	31.7	1 11/16-12	1 3/4	1 7/8	63.8	140.0	81.0
MCORF90-27-20	20G-20FFORX90M	7102-03695	1 1/4	31.7	1 11/16-12	1 3/4	1 7/8	78.5	135.0	76.0
MCORF90L-27-20¥	20G-20FFORX90L	7102-03705	1 1/4	31.7	1 11/16-12	1 3/4	1 7/8	129.3	135.0	76.0

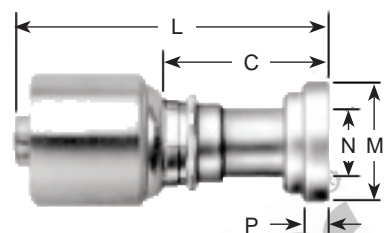
¥ Coupling pricing & availability on request.

www.hardyspicer.com.au

Document No:	HSFITCAT
Issue:	3
Issue Date:	01/07/07

This catalogue is the copyright
of Hardy Spicer

Code 61 O-Ring Flange

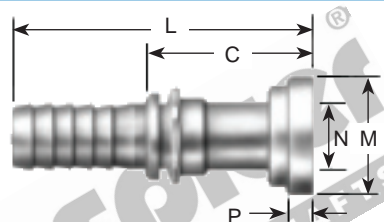


Hardy Spicer Part Number	Gates Desc.	Gates Part Number	Hose ID		N	M	L	C	F
			inch	mm	inch	mm	mm	mm	mm
MC3FL-08-08	8G-8FL	7100-03795	1/2	12.7	1/2	30.2	80.0	42.5	6.7
MC3FL-10-08¥	8G-10FLK†	7100-03805	1/2	12.7	5/8	34.2	80.0	42.5	6.7
MC3FL-12-08	8G-12FL	7103-25105	1/2	12.7	3/4	38.1	80.0	42.5	6.7
MC3FL-10-10	10G-10FLK†	7100-03825	5/8	15.9	5/8	34.2	119.0	81.5	6.7
MC3FL-12-12	12G-12FL	7103-25205	3/4	19.0	3/4	38.1	98.0	47.0	6.7
MC3FL-16-12	12G-16FL	7103-25255	3/4	19.0	1	44.5	88.8	37.8	8.0
MC3FL-16-16	16G-16FL	7103-25305	1	25.4	1	44.5	105.0	48.2	8.0
MC3FL-20-16	16G-20FL	7100-03935	1	25.4	1 1/4	50.8	105.0	48.2	8.0
MC3FL-20-20	20G-20FL	7103-25405	1 1/4	31.7	1 1/4	50.8	112.5	53.5	8.0
MC3FL-24-20	20G-24FL	7100-03895	1 1/4	31.7	1 1/2	60.5	117.5	58.5	8.0

† Komatsu-style flange

¥ Coupling pricing & availability on request.

Code 61 O-Ring Flange



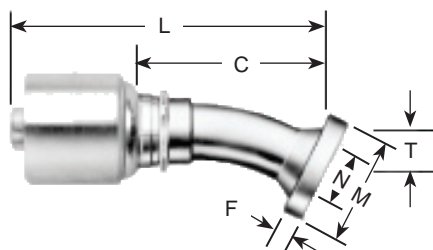
Hardy Spicer Part Number	Gates Desc.	Gates Part Number	Hose ID		N	M	L	C	F
			inch	mm	inch	mm	mm	mm	mm
PC3FL-24-24	24-24FL	7305-80055	1-1/2	38.1	1-1/2	60.5	125.5	58.4	8.1
PC3FL-32-24	24-32FL	7305-80065	1-1/2	38.1	2	71.4	125.5	58.4	9.7
PC3FL-32-32	32-32FL	7305-90055	2	50.8	2	71.4	154.2	64.5	9.7
PC3FL-40-32	32C-40FL	7305-90065	2	50.8	2 1/2	84.1	154.2	64.5	9.7

www.hardyspicer.com.au

Document No:	HSFITCAT
Issue:	3
Issue Date:	01/07/07

This catalogue is the copyright
of Hardy Spicer

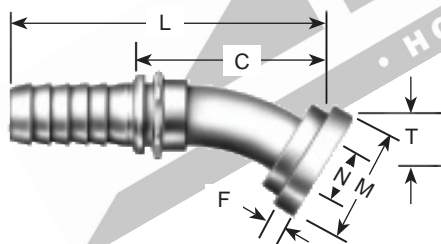
Code 61 O-Ring Flange - 22 1/2° Bent Tube



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
MC3FL22-12-12¥	12G-12FL22	7100-03945	3/4	19.0	3/4	38.1	11.2	113.5	62.5	6.9
MC3FL22-16-12¥	12G-16FL22M	7100-03955	3/4	19.0	1	44.5	14.0	121.0	70.0	8.0
MC3FL22-16-16¥	16G-16FL22	7100-03965	1	25.4	1	44.5	11.2	123.0	66.2	8.0
MC3FL22-20-20¥	20G-20FL22	7100-03985	1 1/4	31.7	1 1/4	50.8	12.7	131.5	72.5	8.0

¥ Coupling pricing & availability on request.

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

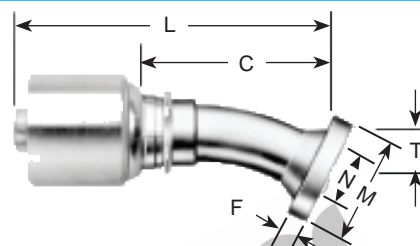


Hardy Spicer Part Number	Gates Desc.	Gates Part Number	Hose ID		N	M	T	L	C	F
			inch	mm	inch	mm	mm	mm	mm	mm
PC3FL22-24-24	24-24FL22	7305-80245	1 1/2	38.1	1 1/2	60.5	16.0	155.5	88.4	8.1
PC3FL22-32-24	24-32FL22	7305-80265	1 1/2	38.1	2	71.4	16.0	155.5	88.4	9.7
PC3FL22-32-32	32-32FL22	7305-90245	2	50.8	2	71.4	22.4	202.7	113.0	9.7

www.hardyspicer.com.au

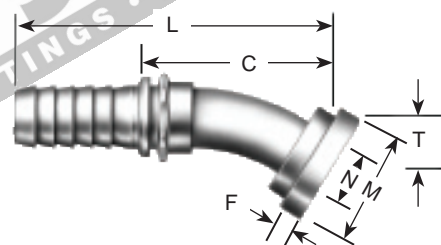
Document No:	HSFITCAT
Issue:	3
Issue Date:	01/07/07

Code 61 O-Ring Flange - 30° Bent Tube



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
MC3FL30-16-12¥	12G-16FL30M	7100-04045	3/4	19.0	1	44.5	19.0	124.0	73.0	8.0
MC3FL30-16-16¥	16G-16FL30	7100-04055	1	25.4	1	44.5	15.7	125.0	68.2	8.0

Code 61 O-Ring Flange - 30° Bent Tube



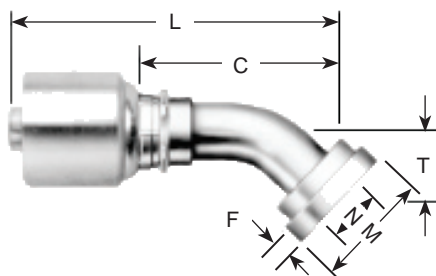
Hardy Spicer Part Number	Gates Desc.	Gates Part Number	Hose ID		N	M	T	L	C	F
			inch	mm	inch	mm	mm	mm	mm	mm
PC3FL30-24-24	24-24FL30	7305-80345	1-1/2	38.1	1-1/2	60.5	22.4	161.0	94.0	8.1
PC3FL30-32-24	24-32FL30	7305-80365	1-1/2	38.1	2	71.4	22.4	161.0	94.0	9.7
PC3FL30-32-32	32-32FL30	7305-90345	2	50.8	2	71.4	31.8	209.0	119.4	9.7

www.hardyspicer.com.au

Document No:	HSFITCHAT
Issue:	3
Issue Date:	01/07/07

This catalogue is the copyright of Hardy Spicer

Code 61 O-Ring Flange - 45° Bent Tube

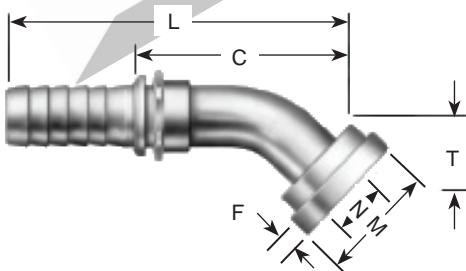


Hardy Spicer Part Number	Gates Desc.	Gates Part Number	Hose ID		N	M	T	L	C	F
			inch	mm						
MC3FL45-08-08¥	8G-8FL45	7100-04125	1/2	12.7	1/2	30.2	19.8	94.0	56.5	6.7
MC3FL45-12-08¥	8G-12FL45	7100-04145	1/2	12.7	3/4	38.1	19.8	94.0	56.5	6.9
MC3FL45-10-10	10G-10FLK45†	7100-04155	5/8	15.9	5/8	34.1	26.0	106.5	69.0	6.9
MC3FL45-12-12	12G-12FL45	7103-27245	3/4	19.0	3/4	38.1	25.4	118.5	67.5	6.9
MC3FL45-16-12	12G-16FL45	7103-27315	3/4	19.0	1	44.4	25.4	118.5	67.5	8.0
MC3FL45-16-16	16G-16FL45	7103-27395	1	25.4	1	44.4	26.9	129.7	72.9	8.0
MC3FL45-20-16	16G-20FL45	71032-7475	1	25.4	1 1/4	50.8	26.9	129.5	72.7	8.0
MC3FL45-20-20	20G-20FL45	7103-27555	1 1/4	31.7	1 1/4	50.8	29.2	142.0	83.0	8.0

† Komatsu-style flange.

¥ Coupling pricing & availability on request.

Code 61 O-Ring Flange - 45° Bent Tube

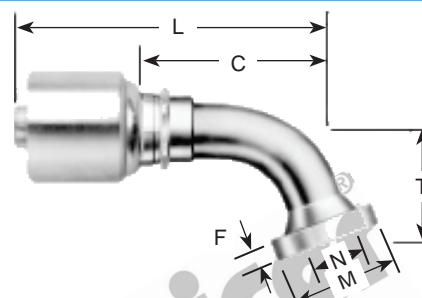


Hardy Spicer Part Number	Gates Desc.	Gates Part Number	Hose ID		N	M	T	L	C	F
			inch	mm						
PC3FL45-24-24	24-24FL45	7305-80445	1-1/2	38.1	1-1/2	60.5	35.8	165.9	98.8	8.1
PC3FL45-32-24	24-32FL45	7305-80465	1-1/2	38.1	2	71.4	29.0	165.9	98.8	9.7
PC3FL45-32-32	32-32FL45	7305-90445	2	50.8	2	71.4	50.8	216.2	126.5	9.7

www.hardyspicer.com.au

Document No:	HSFITCAT
Issue:	3
Issue Date:	01/07/07

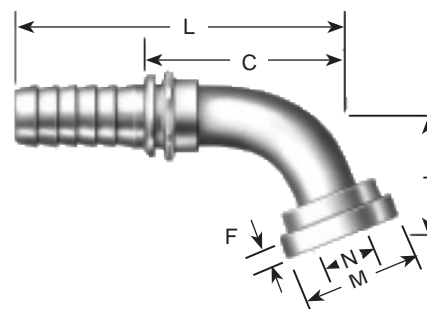
Code 61 O-Ring Flange - 60° Bent Tube



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
MC3FL60-12-12¥	12G-12FL60	7100-04265	3/4	19.0	3/4	38.1	35.8	117.0	66.0	6.9
MC3FL60-16-12¥	12G-16FL60	7100-04275	3/4	19.0	1	44.5	44.0	122.0	71.0	8.0

¥ Coupling pricing & availability on request.

Code 61 O-Ring Flange - 60° Bent Tube



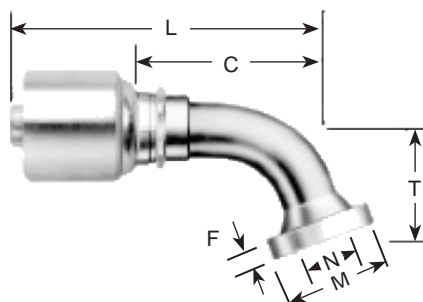
Hardy Spicer Part Number	Gates Desc.	Gates Part Number	Hose ID		N	M	T	L	C	F
			inch	mm	inch	mm	mm	mm	mm	mm
PC3FL60-24-24	24-24FL60	7305-80645	1-1/2	38.1	1-1/2	60.5	50.8	166.9	99.8	8.1
PC3FL60-32-24	24-32FL60	7305-80665	1-1/2	38.1	2	71.4	50.8	166.9	99.8	9.7
PC3FL60-32-32	32-32FL60	7305-90645	2	50.8	2	71.4	73.2	229.0	139.2	9.7

www.hardyspicer.com.au

Document No:	HSFICAT
Issue:	3
Issue Date:	01/07/07

This catalogue is the copyright
of Hardy Spicer

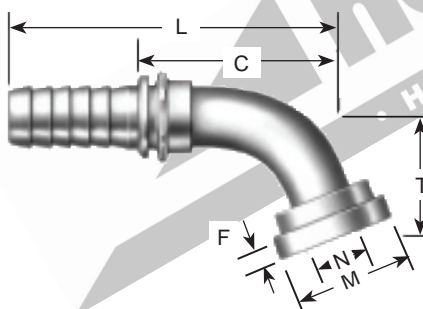
Code 61 O-Ring Flange - 67 1/2° Bent Tube



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
MC3FL67-12-12¥	12G-12FL67M	7100-04355	3/4	19.0	3/4	38.1	42.0	118.0	67.0	6.7
MC3FL67-20-20¥	20G-20FL67S	7100-04335	1 1/4	31.7	1 1/4	50.8	51.0	150.4	91.4	8.0

¥ Coupling pricing & availability on request.

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

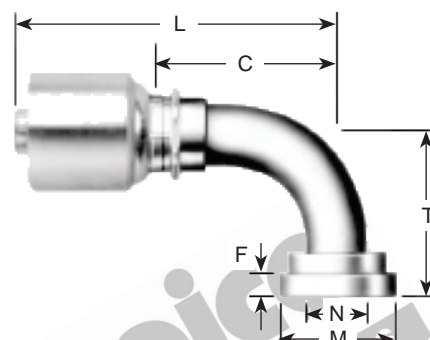


Hardy Spicer Part Number	Gates Desc.	Gates Part Number	Hose ID		N	M	T	L	C	F
			inch	mm	inch	mm	mm	mm	mm	mm
PC3FL67-24-24¥	24-24FL67	7305-80745	1-1/2	38.1	1-1/2	60.5	50.8	165.9	98.8	8.1
PC3FL67-32-24¥	24-32FL67	7305-80765	1-1/2	38.1	2	71.4	50.8	165.9	98.8	9.7
PC3FL67-32-32¥	32-32FL67	7305-90745	2	50.8	2	71.4	82.6	228.1	138.4	9.7

www.hardyspicer.com.au

Document No:	HSFITCAT
Issue:	3
Issue Date:	01/07/07

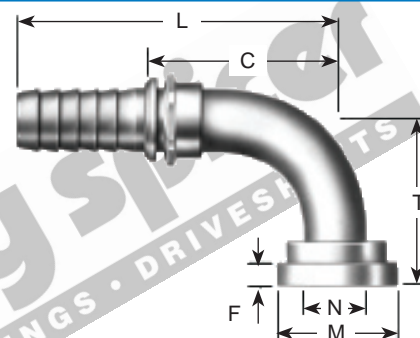
Code 61 O-Ring Flange - 90° Bent Tube



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
MC3FL90-08-08	8G-8FL90	7103-29115	1/2	12.7	1/2	30.1	41.4	91.2	53.7	6.9
MC3FL90-12-08	8G-12FL90	7103-29235	1/2	12.7	3/4	38.1	41.4	91.5	54.0	6.9
MC3FL90-10-10	10G-10FLK90	7100-04475	5/8	15.9	5/8	34.1	55.0	99.0	61.5	6.9
MC3FL90-12-10¥	10G-12FL90	7100-04485	5/8	15.9	3/4	38.1	58.0	100.0	62.5	6.7
MC3FL90-12-12	12G-12FL90	7103-29535	3/4	19.0	3/4	38.1	54.1	111.7	60.7	6.7
MC3FL90-16-12	12G-16FL90	7103-29585	3/4	19.0	1	44.4	54.1	111.7	60.7	8.0
MC3FL90-16-16	16G-16FL90	7103-29705	1	25.4	1	44.4	60.5	128.1	71.3	8.0
MC3FL90-20-16	16G-20FL90	7103-29765	1	25.4	1 1/4	50.8	60.5	128.1	71.3	8.0
MC3FL90-20-20	20G-20FL90	7103-29885	1 1/4	31.7	1 1/4	50.8	66.5	137.5	78.5	8.0
MC3FL90L-20-20¥	20G-20FL90-102	7100-04565	1 1/4	31.7	1 1/4	50.8	101.0	138.0	79.0	8.0
MC3FL90-24-20¥	20G-24FL90	7100-04545	1 1/4	31.7	1 1/2	60.5	66.5	144.0	85.0	8.0

¥ Coupling pricing & availability on request.

Code 61 O-Ring Flange - 90° Bent Tube



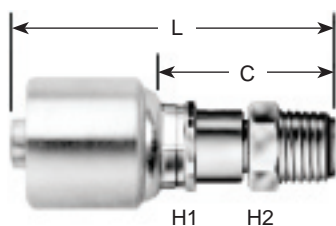
Hardy Spicer Part Number	Gates Desc.	Gates Part Number	Hose ID		N	M	T	L	C	F
			inch	mm	inch	mm	mm	mm	mm	mm
PC3FL90-24-24	24-24FL90	7305-80945	1-1/2	38.1	1-1/2	60.5	79.3	157.2	90.2	8.1
PC3FL90L-24-24¥	24C2-24FL90L	7305-80955	1-1/2	38.1	1-1/2	60.5	101.6	157.2	90.2	8.1
PC3FL90-32-24	24-32FL90	7305-80965	1-1/2	38.1	2	71.4	79.3	157.2	90.2	9.7
PC3FL90-32-32	32-32FL90	7305-90945	2	50.8	2	71.4	114.3	216.2	126.5	9.7
PC3FL90-40-32	32C2-40FL90	7334-08255	2	50.8	2-1/2	84.1	114.3	216.2	126.5	9.7

www.hardyspicer.com.au

Document No:	HSFITCAT
Issue:	3
Issue Date:	01/07/07

This catalogue is the copyright
of Hardy Spicer

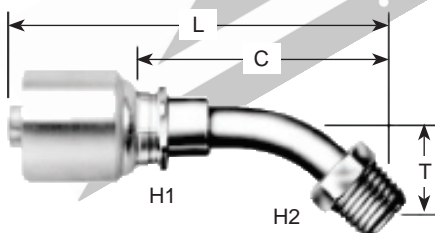
SAE Male Inverted Swivel



Hardy Spicer Part Number	Gates Desc.	Gates Part Number	Hose ID		Thread Size	H1	H2	L	C
			inch	mm		inch	inch	mm	mm
MCIFM-07-04¥	4G-4MIX	7100-16225	1/4	6.4	7/16-24	1/2	7/16	63.9	37.9
MCIFM-08-04¥	4G-5MIX	7100-16235	1/4	6.4	1/2-20	1/2	1/2	63.9	37.9
MCIFM-08-06¥	6G-5MIX	7100-16245	3/8	9.5	1/2-20	5/8	1/2	64.9	37.0
MCIFM-10-06¥	6G-6MIX	7100-16255	3/8	9.5	5/8-18	5/8	5/8	69.9	42.0
MCIFM-11-06¥	6G-7MIX	7100-16265	3/8	9.5	11/16-18	5/8	11/16	70.0	42.1
MCIFM-10-08¥	8G-6MIX	7100-06275	1/2	12.7	5/8-18	13/16	5/8	79.5	42.0
MCIFM-12-08¥	8G-8MIX	7100-06285	1/2	12.7	3/4-16	13/16	3/4	83.8	46.3

¥ Coupling pricing & availability on request.

SAE Male Inverted Swivel - 45° Bent Tube



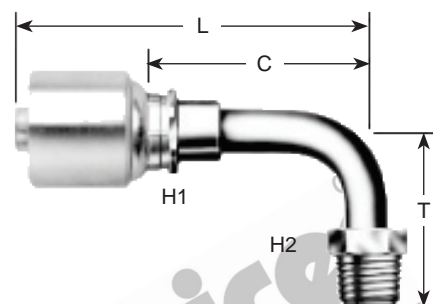
Hardy Spicer Part Number	Gates Desc.	Gates Part Number	Hose ID		Thread Size	H1	H2	T	L	C
			inch	mm		inch	inch	mm	mm	mm
MCIFM45-07-06¥	6G-4MIX45	7100-16305	3/8	9.5	7/16-24	5/8	7/16	25.4	80.5	52.6
MCIFM45-08-06¥	6G-5MIX45	7100-16315	3/8	9.5	1/2-20	5/8	1/2	25.4	79.5	51.6
MCIFM45-10-06¥	6G-6MIX45	7100-16325	3/8	9.5	5/8-18	5/8	5/8	25.4	84.3	56.4
MCIFM45-11-06¥	6G-7MIX45	7100-16335	3/8	9.5	11/16-18	5/8	11/16	25.4	86.0	58.1
MCIFM45-12-08¥	8G-8MIX45	7100-16345	1/2	12.7	3/4-16	13/16	6/4	29.0	106.0	68.5

¥ Coupling pricing & availability on request.

www.hardyspicer.com.au

Document No:	HSFITCAT
Issue:	3
Issue Date:	01/07/07

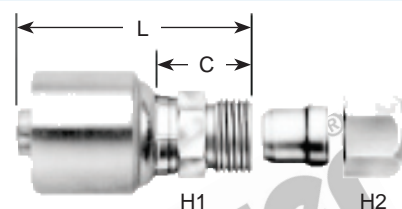
SAE Male Inverted Swivel - 90° Bent Tube



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
MCIFM90-07-04¥	4G-4MIX90	7100-16355	1/4	6.4	7/16-24	1/2	7/16	35.1	59.2	33.2
MCIFM90-08-04¥	4G-5MIX90	7100-16365	1/4	6.4	1/2-20	1/2	1/2	35.1	62.5	36.5
MCIFM90-10-05¥	5G-6MIX90-035	7100-16385	5/16	7.9	5/8-18	5/8	5/8	35.1	70.5	42.5
MCIFM90-07-06¥	6G-4MIX90	7100-16395	3/8	9.5	7/16-24	5/8	7/16	35.1	62.0	34.1
MCIFM90-08-06¥	6G-5MIX90	7100-16405	3/8	9.5	1/2-20	5/8	1/2	35.1	63.5	35.6
MCIFM90-10-06¥	6G-6MIX90	7100-16415	3/8	9.5	5/8-18	5/8	5/8	35.1	71.0	43.1
MCIFM90-11-06¥	6G-7MIX90	7100-16425	3/8	9.5	11/16-18	5/8	11/16	35.1	71.0	43.1
MCIFM90-12-08¥	8G-8MIX90	7100-06435	1/2	12.7	3/4-16	13/16	3/4	41.7	83.5	46.0

¥ Coupling pricing & availability on request.

SAE Male Flareless Assembly



Hardy Spicer Part Number	Gates Desc.	Gates Part Number	Hose ID		Thread Size	A1	H1	H2	L	C
			inch	mm		inch	inch	inch	mm	mm
MCSFA-07-04¥	4G-4MFA	7100-16445	1/4	6.4	7/16-20	1/4	1/2	9/16	49.5	23.5
MCSFA-08-04¥	4G-5MFA	7100-16455	1/4	6.4	1/2-20	5/16	1/2	5/8	50.0	24.0
MCSFA-07-06¥	6G-4MFA	7100-16465	3/8	9.5	7/16-20	1/4	5/8	7/8	52.0	24.1
MCSFA-08-06¥	6G-5MFA	7100-16475	3/8	9.5	1/2-20	5/16	5/8	5/8	55.0	27.1
MCSFA-10-06¥	6G-6MFA	7100-16485	3/8	9.5	5/8-18	3/8	5/8	11/16	52.5	24.6
MCSFA-12-06¥	6G-8MFA	7100-16495	3/8	9.5	3/4-16	1/2	3/4	7/8	56.0	28.1
MCSFA-12-08¥	8G-8MFA	7100-06505	1/2	12.7	3/4-16	1/2	13/16	7/8	65.5	28.0
MCSFA-14-08¥	8G-10MFA	7100-06515	1/2	12.7	7/8-14	5/8	7/8	1	67.0	29.5
MCSFA-17-12¥	12G-12MFA	7100-06525	3/4	19.0	1 1/16-12	3/4	1 1/16	1 1/4	86.5	35.5
MCSFA-21-16¥	16G-16MFA	7100-06535	1	25.4	1 5/16-12	1	1 3/8	1 1/2	100.0	43.2

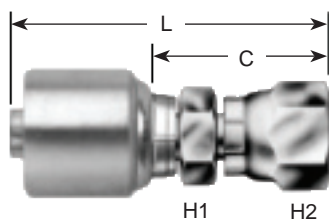
¥ Coupling pricing & availability on request.

www.hardyspicer.com.au

Document No:	HSFITCAT
Issue:	3
Issue Date:	01/07/07

This catalogue is the copyright of Hardy Spicer

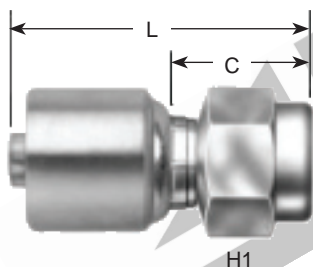
Female Air Brake Swivel



Hardy Spicer Part Number	Gates Desc.	Gates Part Number	Hose ID		Thread Size	H1	H2	L	C
			inch	mm		inch	inch	mm	mm
MCABS-12-06¥	6G-8FABX	7100-13095	3/8	9.5	3/4-20	3/4	7/8	61.2	33.3
MCABS-12-08¥	8G-8FABX	7100-13105	1/2	12.7	3/4-20	13/16	7/8	63.0	25.5

¥ Coupling pricing & availability on request.

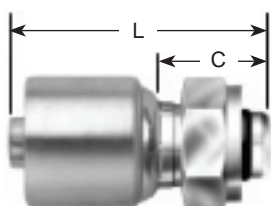
Female Grease



Hardy Spicer Part Number	Gates Desc.	Gates Part Number	Hose ID		Thread Size	H1	L	C
			inch	mm		inch	mm	mm
MCFG-08-04¥	4G-8FG	7100-09605	1/4	6.4	1/2-27	11/16	47.5	21.5
MCFG-08-06¥	6G-8FG	7100-09615	3/8	9.5	1/2-27	11/16	49.1	21.2

¥ Coupling pricing & availability on request.

Pressure Wash Swivel



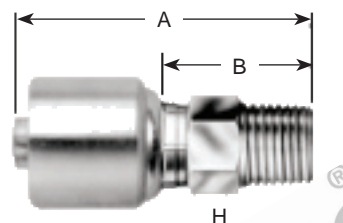
Hardy Spicer Part Number	Gates Desc.	Gates Part Number	Hose ID		Thread Size	L	C
			inch	mm		inch	mm
MCKAF-22-04	4G-6PWX	7100-02905	1/4	6.4	M22X1.5	64.0	38.0
MCKAF-22-06	6G-6PWX	7100-02915	3/8	9.5	M22X1.5	66.0	38.1

www.hardyspicer.com.au

Document No:	HSFITCAT
Issue:	3
Issue Date:	01/07/07

This catalogue is the copyright of Hardy Spicer

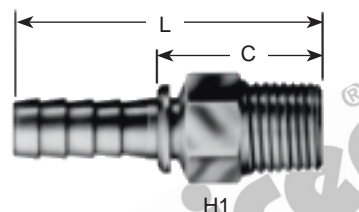
Male British Standard Pipe Tapered



Hardy Spicer Part Number	Gates Desc.	Gates Part Number	Hose ID		Thread Size	A	B	H
			inch	mm		mm	mm	mm
MCBM-04-04	4G-4MBSPT	7100-191075	1/4	6.4	R 1/4" - 19 BSP	50.8	24.8	14.0
MCBM-06-04	4G-6MBSPT	7100-191085	1/4	6.4	R 3/8" - 19 BSP	52.0	26.0	19.0
MCBM-06-05¥	5G-6MBSPT	7100-191095	5/16	7.9	R 3/8" - 19 BSP	54.1	26.1	19.0
MCBM-06-06	6G-6MBSPT	7100-191105	3/8	9.5	R 3/8" - 19 BSP	54.0	26.1	19.0
MCBM-08-06	6G-8MBSPT	7100-191115	3/8	9.5	R 1/2" - 14 BSP	58.8	30.9	22.0
MCBM-06-08	8G-6MBSPT	7100-192955	1/2	12.7	R 3/8" - 19 BSP	64.5	27.0	22.0
MCBM-08-08	8G-8MBSPT	7100-191125	1/2	12.7	R 1/2" - 14 BSP	68.4	30.9	22.0
MCBM-10-10¥	10G-10MBSPT	7100-191135	5/8	15.9	R 5/8" - 14 BSP	69.9	32.4	24.0
MCBM-12-12	12G-12MBSPT	7100-191145	3/4	19.0	R 3/4" - 14 BSP	86.7	35.7	32.0
MCBM-16-16	16G-16MBSPT	7100-191155	1	25.4	R 1" - 11 BSP	98.4	41.6	36.0

¥ Coupling pricing & availability on request.

Male British Standard Pipe Tapered



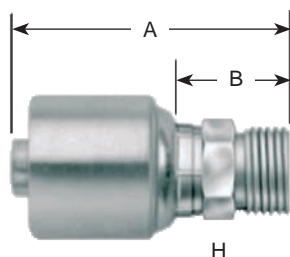
Hardy Spicer Part Number	Gates Desc.	Gates Part Number	Hose ID		Thread Size	H1	L	C
			inch	mm		inch	mm	mm
PCBM-24-24	24-24MBSPT	-	1 1/2	38.1	1 1/2"-11	2	122.7	55.6
PCBM-32-32	32-32MBSPT	-	2	50.8	2"-11	2 1/2	148.8	59.2

www.hardyspicer.com.au

Document No:	HSFITCAT
Issue:	3
Issue Date:	01/07/07

This catalogue is the copyright
of Hardy Spicer

Male British Standard Pipe Parallel



Hardy Spicer Part Number	Gates Desc.	Gates Part Number	Hose ID		Thread Size	A	B	H
			inch	mm		mm	mm	mm
MCPM-04-04	4G-4MBSPP	7100-115515	1/4	6.4	G 1/4" - 19 BSP	51.5	25.5	19.0
MCPM-06-04	4G-6MBSPP	7100-191165	1/4	6.4	G 3/8" - 19 BSP	51.8	25.8	22.0
MCPM-08-04¥	4G-8MBSPP	7100-193925	1/4	6.4	G 1/2" - 14 BSP	59.5	33.5	27.0
MCPM-04-05¥	5G-4MBSPP	7100-193915	5/16	7.9	G 1/4" - 19 BSP	53.5	25.5	19.0
MCPM-06-05¥	5G-6MBSPP	7100-191175	5/16	7.9	G 3/8" - 19 BSP	53.8	25.8	22.0
MCPM-06-06	6G-6MBSPP	7100-115525	3/8	9.5	G 3/8" - 19 BSP	55.0	27.1	22.0
MCPM-08-06¥	6G-8MBSPP	7100-115535	3/8	9.5	G 1/2" - 14 BSP	60.0	32.1	27.0
MCPM-06-08¥	8G-6MBSPP	7100-193245	1/2	12.7	G 3/8" - 19 BSP	63.5	26.0	22.0
MCPM-08-08	8G-8MBSPP	7100-105545	1/2	12.7	G 1/2" - 14 BSP	69.0	31.5	27.0
MCPM-10-08¥	8G-10MBSPP	7100-194735	1/2	12.7	G 5/8" - 14 BSP	71.0	33.5	30.0
MCPM-10-10¥	10G-10MBSPP	7100-105555	5/8	15.9	G 5/8" - 14 BSP	73.5	36.0	30.0
MCPM-12-10¥	10G-12MBSPP	7100-193255	5/8	15.9	G 3/4" - 14 BSP	71.5	34.0	32.0
MCPM-12-12	12G-12MBSPP	7100-105565	3/4	19.0	G 3/4" - 14 BSP	85.0	34.0	32.0
MCPM-16-16	16G-16MBSPP	7100-105575	1	25.4	G 1" - 11 BSP	101.0	44.2	41.0
MCPM-20-20	20G-20MBSPP	7100-105585	1-1/4	31.8	G 1.1/4" - 11 BSP	110.0	51.0	50.0

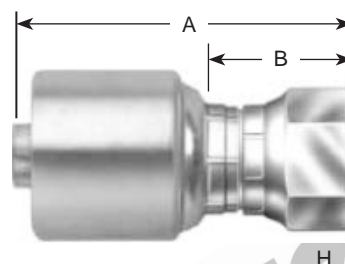
¥ Coupling pricing & availability on request.

www.hardyspicer.com.au

Document No:	HSFITCAT
Issue:	3
Issue Date:	01/07/07

Female British Standard Pipe Parallel O-Ring Swivel

Includes O-Ring sealing in flare.

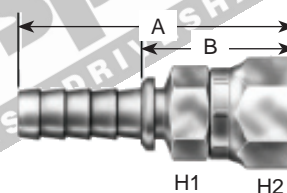


Hardy Spicer Part Number	Gates Desc.	Gates Part Number	Hose ID		Thread Size	A	B	H
			inch	mm		mm	mm	mm
MCBF-02-04	4G-2FBSPX (Ø)	7100-193285	1/4	6.4	G 1/8" - 28 BSP	44.0	18.0	14.0
MCBF-04-04	4G-4FBSPORX	7100-19500	1/4	6.4	G 1/4" - 19 BSP	48.0	22.0	19.0
MCBF-06-04	4G-6FBSPORX	7100-195015	1/4	6.4	G 3/8" - 19 BSP	52.0	26.0	22.0
MCBF-06-05¥	5G-6FBSPORX	7100-194195	5/16	7.9	G 3/8" - 19 BSP	54.0	26.0	22.0
MCBF-08-05¥	5G-8FBSPORX	7100-194205	5/16	7.9	G 1/2" - 14 BSP	54.8	26.8	27.0
MCBF-06-06	6G-6FBSPORX	7100-19504	3/8	9.5	G 3/8" - 19 BSP	53.2	25.3	22.0
MCBF-08-06	6G-8FBSPORX	7100-195055	3/8	9.5	G 1/2" - 14 BSP	54.7	26.8	27.0
MCBF-06-08	8G-6FBSPORX	7100-195065	1/2	12.7	G 3/8" - 19 BSP	66.5	29.0	22.0
MCBF-08-08	8G-8FBSPORX	7100-19507	1/2	12.7	G 1/2" - 14 BSP	64.2	26.7	27.0
MCBF-10-08	8G-10FBSPORX	7100-194255	1/2	12.7	G 5/8" - 14 BSP	68.0	30.5	30.0
MCBF-12-08	8G-12FBSPORX	7100-195095	1/2	12.7	G 3/4" - 14 BSP	69.5	32.0	32.0
MCBF-10-10	10G-10FBSPORX	7100-195105	5/8	15.9	G 5/8" - 14 BSP	68.5	31.0	30.0
MCBF-12-10	10G-12FBSPORX	7100-195115	5/8	15.9	G 3/4" - 14 BSP	69.5	32.0	32.0
MCBF-12-12	12G-12FBSPORX	7100-195125	3/4	19.0	G 3/4" - 14 BSP	83.0	32.0	32.0
MCBF-12-16	16G-12FBSPORX	7100-192805	3/4	19.0	G 3/4" - 14 BSP	82.7	25.9	32.0
MCBF-16-12	12G-16FBSPORX	7100-195135	3/4	19.0	G 1" - 11 BSP	87.0	36.0	41.0
MCBF-16-16	16G-16FBSPORX	7100-195155	1	25.4	G 1" - 11 BSP	96.0	39.2	41.0
MCBF-20-20	20G-20FBSPORX	7100-195235	1-1/4	31.8	G 1.1/4" - 11 BSP	100.5	41.5	50.0

¥ Coupling pricing & availability on request.

Female British Standard Pipe Parallel O-Ring Swivel

Includes O-Ring sealing in flare.



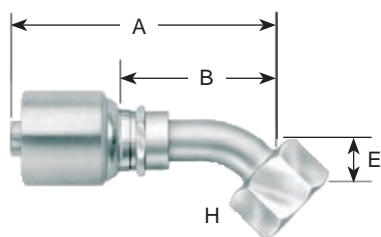
Hardy Spicer Part Number	Gates Desc.	Gates Part Number	Hose ID		Thread Size	H1	H2	A	B
			inch	mm		inch	inch	mm	mm
PCBF-24-24	24-24FBSPORX	-	1 1/2	38.1	1 1/2"-11	2	2 1/4	129.5	62.5
PCBF-32-32	32-32FBSPORX	-	2	50.8	2"-11	2 1/2	2 7/8	163.8	74.2

www.hardyspicer.com.au

Document No:	HSFITCAT
Issue:	3
Issue Date:	01/07/07

This catalogue is the copyright
of Hardy Spicer

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

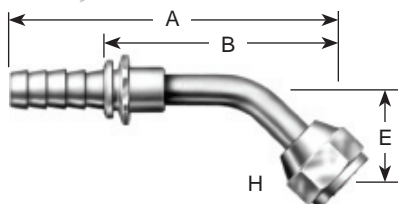


Includes O-Ring sealing in flare.

Hardy Spicer Part Number	Gates Desc.	Gates Part Number	Hose ID		Thread Size	A	B	E	H
			inch	mm		mm	mm	mm	mm
MCBF45-04-04	4G-4FBSPORX45	7100-191445	1/4	6.4	G 1/4" - 19 BSP	57.2	31.1	11.6	19.0
MCBF45-06-04	4G-6FBSPORX45	7100-191455	1/4	6.4	G 3/8" - 19 BSP	63.2	37.1	17.7	22.0
MCBF45-06-05¥	5G-6FBSPORX45	7100-191465	5/16	7.9	G 3/8" - 19 BSP	64.1	36.1	15.4	22.0
MCBF45-06-06	6G-6FBSPORX45	7100-191475	3/8	9.5	G 3/8" - 19 BSP	67.1	39.1	15.4	22.0
MCBF45-08-06¥	6G-8FBSPORX45	7100-191485	3/8	9.5	G 1/2" - 14 BSP	71.0	43.0	19.3	27.0
MCBF45-08-08	8G-8FBSPORX45	7100-191495	1/2	12.7	G 1/2" - 14 BSP	81.5	44.0	17.0	27.0
MCBF45-10-08¥	8G-10FBSPORX45	7100-193135	1/2	12.7	G 5/8" - 14 BSP	91.0	53.5	23.0	30.0
MCBF45-10-10	10G-10FBSPORX45	7100-191505	5/8	15.9	G 5/8" - 14 BSP	89.6	52.1	21.3	30.0
MCBF45-12-10¥	10G-12FBSPORX45	7100-191515	5/8	15.9	G 3/4" - 14 BSP	99.5	62.0	31.2	32.0
MCBF45-12-12	12G-12FBSPORX45	7100-191525	3/4	19.0	G 3/4" - 14 BSP	115.4	64.4	28.3	32.0
MCBF45-16-16	16G-16FBSPORX45	7100-191535	1	25.4	G 1" - 11 BSP	135.6	78.8	30.9	41.0
MCBF45-20-20	20G-20FBSPORX45	7100-192715	1-1/4	31.8	G 1.1/4" - 11 BSP	152.4	93.4	37.5	50.0

¥ Coupling pricing & availability on request.

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



Includes O-Ring sealing in flare.

Hardy Spicer Part Number	Gates Desc.	Gates Part Number	Hose ID		Thread Size	A	B	E	H
			inch	mm		mm	mm	mm	mm
PCBF45-32-32	32-32FBSPORX45	-	2	50.8	2" - 11				

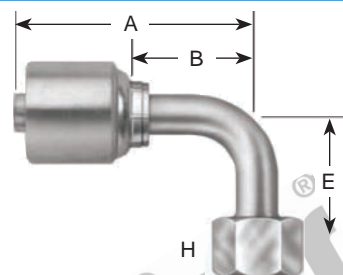
www.hardyspicer.com.au

Document No:	HSFITCAT
Issue:	3
Issue Date:	01/07/07

This catalogue is the copyright of Hardy Spicer

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

Includes O-Ring sealing in flare.

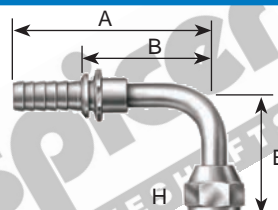


Hardy Spicer Part Number	Gates Desc.	Gates Part Number	Hose ID		Thread Size	A	B	E	H
			"	mm		mm	mm	mm	mm
MCBF90-04-04	4G-4FBSPORX90	7100-191545	1/4	6.4	G 1/4" - 19 BSP	52.5	26.5	23.5	19.0
MCBF90-06-04	4G-6FBSPORX90	7100-191555	1/4	6.4	G 3/8" - 19 BSP	50.5	24.5	32.0	22.0
MCBF90-06-05¥	5G-6FBSPORX90	7100-191565	5/16	7.9	G 3/8" - 19 BSP	59.0	31.0	32.0	22.0
MCBF90-06-06	6G-6FBSPORX90	7100-191575	3/8	9.5	G 3/8" - 19 BSP	61.9	34.0	32.0	22.0
MCBF90-08-06	6G-8FBSPORX90	7100-191585	3/8	9.5	G 1/2" - 14 BSP	60.1	32.2	37.5	27.0
MCBF90-08-08	8G-8FBSPORX90	7100-191595	1/2	12.7	G 1/2" - 14 BSP	78.0	40.5	37.5	27.0
MCBF90-10-08¥	8G-10FBSPORX90	7100-193145	1/2	12.7	G 5/8" - 14 BSP	81.5	44.0	46.0	30.0
MCBF90-10-10	10G-10FBSPORX90	7100-191605	5/8	15.9	G 5/8" - 14 BSP	84.1	46.6	46.0	30.0
MCBF90-12-10¥	10G-12FBSPORX90	7100-191615	5/8	15.9	G 3/4" - 14 BSP	84.1	46.6	60.0	32.0
MCBF90-12-12	12G-12FBSPORX90	7100-191625	3/4	19.0	G 3/4" - 14 BSP	107.0	56.0	60.0	32.0
MCBF90-16-12	12G-16FBSPORX90	7100-193155	3/4	19.0	G 1" - 11 BSP	112.2	61.2	70.0	41.0
MCBF90-16-16	16G-16FBSPORX90	7100-191635	1	25.4	G 1" - 11 BSP	131.1	74.3	70.0	41.0
MCBF90-20-20	20G-20FBSPORX90	7100-191645	1-1/4	31.8	G 1.1/4" - 11 BSP	141.8	82.8	80.0	50.0

¥ Coupling pricing & availability on request.

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

Includes O-Ring sealing in flare.



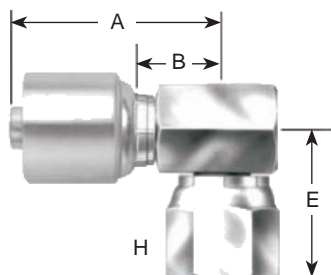
Hardy Spicer Part Number	Gates Desc.	Gates Part Number	Hose ID		Thread Size	H	A	B	E
			"	mm		"	mm	mm	mm
PCJF90-24-24	24-24FBSPORX90S	-	1-1/2	38.1	1 1/2"-11	2 1/4	180.6	113.5	101.6
PCJF90-32-32	32-32FBSPORX90S	-	2	50.8	2"-11	2 1/4	180.6	113.5	101.6

www.hardyspicer.com.au

Document No:	HSFITCAT
Issue:	3
Issue Date:	01/07/07

This catalogue is the copyright
of Hardy Spicer

Female British Standard Pipe Parallel O-Ring Swivel - 90° Block



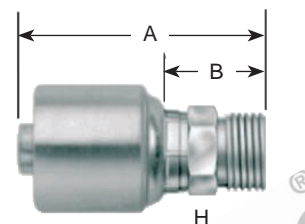
Hardy Spicer Part Number	Gates Desc.	Gates Part Number	Hose ID		Thread Size	A	B	E	H
			inch	mm		mm	mm	mm	mm
MCBF90C-04-04	4G-4FBSPORX90BL	7100-191825	1/4	6.4	G 1/4" - 19 BSP	44.2	18.2	18.0	19.0
MCBF90C-06-04	4G-6FBSPORX90BL	7100-193935	1/4	6.4	G 3/8" - 19 BSP	46.0	20.0	21.0	22.0
MCBF90C-06-06	6G-6FBSPORX90BL	7100-191835	3/8	9.5	G 3/8" - 19 BSP	47.9	20.0	21.0	22.0
MCBF90C-08-06	6G-8FBSPORX90BL	7100-193945	3/8	9.5	G 1/2" - 14 BSP	51.4	23.5	24.0	27.0
MCBF90C-08-08	8G-8FBSPORX90BL	7100-191845	1/2	12.7	G 1/2" - 14 BSP	61.0	23.5	24.0	27.0
MCBF90C-10-08¥	8G-10FBSPORX90BL	7100-193275	1/2	12.7	G 5/8" - 14 BSP	61.0	23.5	25.2	30.0
MCBF90C-10-10	10G-10FBSPORX90BL	7100-194155	5/8	15.9	G 5/8" - 14 BSP	62.4	24.9	27.7	30.0
MCBF90C-12-12	12G-12FBSPORX90BL	7100-192595	3/4	19.0	G 3/4" - 14 BSP	78.0	27.0	31.2	32.0
MCBF90C-12-16¥	16G-12FBSPORX90BL	7100-192785	1	25.4	G 3/4" - 14 BSP	86.2	29.4	34.4	32.0
MCBF90C-16-16	16G-16FBSPORX90BL	7100-192585	1	25.4	G 1" - 11 BSP	91.4	34.6	36.4	41.0

¥ Coupling pricing & availability on request.

www.hardyspicer.com.au

Document No:	HSFITCAT
Issue:	3
Issue Date:	01/07/07

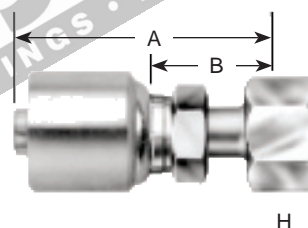
Male BSP Flat-Face



Hardy Spicer Part Number	Gates Desc.	Gates Part Number	Hose ID		Thread Size	A	B	H
			inch	mm		mm	mm	mm
MCBFFF-08-06¥	6G-8MBFF	7100-193965	3/8	9.5	G 1/2" - 14 BSP	61.0	33.1	27.0

¥ Coupling pricing & availability on request.

Female BSP Flat-Face Swivel



Hardy Spicer Part Number	Gates Desc.	Gates Part Number	Hose ID		Thread Size	A	B	H
			inch	mm		mm	mm	mm
MCBFFS-08-05¥	5G-8FBFFX	7100-193705	5/16	7.9	G 1/2" - 14 BSP	45.5	17.5	27.0
MCBFFS-06-06¥	6G-6FBFFX	7100-193715	3/8	9.5	G 3/8" - 19 BSP	46.0	18.1	22.0
MCBFFS-08-06¥	6G-8FBFFX	7100-193725	3/8	9.5	G 1/2" - 14 BSP	45.5	17.6	27.0
MCBFFS-08-08¥	8G-8FBFFX	7100-193735	1/2	12.7	G 1/2" - 14 BSP	55.5	18.0	27.0
MCBFFS-10-08¥	8G-10FBFFX	7100-193825	1/2	12.7	G 5/8" - 14 BSP	56.0	18.5	30.0
MCBFFS-12-08¥	8G-12FBFFX	7100-193745	1/2	12.7	G 3/4" - 14 BSP	52.5	15.0	32.0
MCBFFS-12-10¥	10G-12FBFFX	7100-193315	5/8	15.9	G 3/4" - 14 BSP	52.5	15.0	32.0
MCBFFS-12-12	12G-12FBFFX	7100-193325	3/4	19.0	G 3/4" - 14 BSP	66.1	15.1	32.0

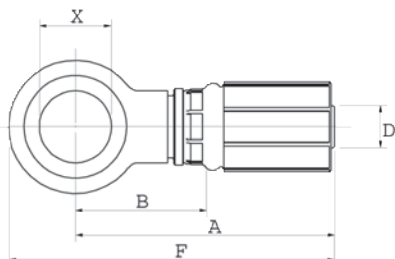
¥ Coupling pricing & availability on request.

www.hardyspicer.com.au

Document No:	HSFITCAT
Issue:	3
Issue Date:	01/07/07

This catalogue is the copyright
of Hardy Spicer

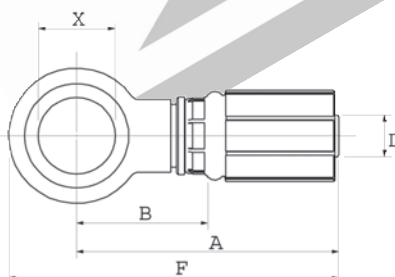
BSP Banjo



Hardy Spicer Part Number	Gates Desc.	Gates Part Number	Hose ID		Thread Size	A	B	F	X	Mpa
			inch	mm		mm	mm	mm	mm	
MCBB-04-04¥	4G-4BSPBJ	7100-192565	1/4	6.4	1/4" - BSP	56.3	30.3	68.3	13.2	10
MCBB-06-04¥	4G-6BSPBJ	7100-193265	1/4	6.4	3/8" - BSP	58.2	32.2	72.3	16.8	10
MCBB-04-06¥	6G-4BSPBJ	7100-192935	3/8	9.5	1/4" - BSP	58.5	30.6	70.5	13.2	10
MCBB-06-06¥	6G-6BSPBJ	7100-192575	3/8	9.5	3/8" - BSP	60.3	32.4	74.3	16.8	10
MCBB-08-06¥	6G-8BSPBJ	7100-192945	3/8	9.5	1/2" - BSP	62.7	34.8	82.2	21.0	10
MCBB-08-08¥	8G-8BSPBJ	7100-192925	1/2	12.7	1/2" - BSP	75.7	38.2	95.2	21.0	10

¥ Coupling pricing & availability on request.

DIN Metric Banjo



Hardy Spicer Part Number	Gates Desc.	Gates Part Number	Hose ID		Thread Size	A	B	F	X	Mpa
			inch	mm		mm	mm	mm	mm	
MCMB-10-04¥	4G-10DBJ	7100-191185	1/4	6.4	M10	52.3	26.3	60.8	10.1	10
MCMB-12-04¥	4G-12DBJ	7100-191195	1/4	6.4	M12	54.3	28.3	64.3	12.1	10
MCMB-14-04¥	4G-14DBJ	7100-191205	1/4	6.4	M14	56.3	30.3	68.3	14.1	10
MCMB-16-04¥	4G-16DBJ	7100-191215	1/4	6.4	M16	58.3	32.3	72.3	16.1	10
MCMB-18-04¥	4G-18DBJ	7100-191225	1/4	6.4	M18	60.3	34.3	76.3	18.1	10
MCMB-12-05¥	5G-12DBJ	7100-193415	5/16	7.9	M12	56.2	28.2	66.2	12.1	10
MCMB-14-05¥	5G-14DBJ	7100-193425	5/16	7.9	M14	58.2	30.2	70.2	14.1	10
MCMB-16-05¥	5G-16DBJ	7100-191255	5/16	7.9	M16	60.5	32.5	74.2	16.1	10
MCMB-18-05¥	5G-18DBJ	7100-193435	5/16	7.9	M18	62.2	34.2	78.2	18.1	10
MCMB-14-06¥	6G-14DBJ	7100-191275	3/8	9.5	M14	58.3	30.4	70.3	14.1	10
MCMB-16-06¥	6G-16DBJ	7100-191285	3/8	9.5	M16	60.3	32.4	74.3	16.1	10
MCMB-16-06¥	6G-18DBJ	7100-191295	3/8	9.5	M18	62.3	34.4	78.3	18.1	10
MCMB-22-06¥	6G-22DBJ	7100-193875	3/8	9.5	M22	63.8	35.9	82.3	22.1	10
MCMB-18-08¥	8G-18DBJ	7100-191305	1/2	12.7	M18	72.2	34.7	88.2	18.1	10
MCMB-22-08¥	8G-22DBJ	7100-191315	1/2	12.7	M22	75.2	37.7	94.7	22.1	10
MCMB-22-10¥	10G-22DBJ	7100-193885	5/8	15.9	M22	76.1	38.6	96.6	22.1	10
MCMB-26-12¥	12G-26DBJ	7100-193895	3/4	19.0	M26	94.7	43.7	117.7	26.1	10

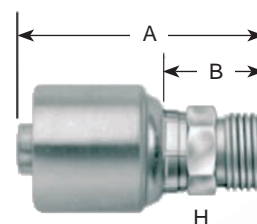
¥ Coupling pricing & availability on request.

www.hardyspicer.com.au

Document No:	HSFICAT
Issue:	3
Issue Date:	01/07/07

This catalogue is the copyright of Hardy Spicer

Male DIN 24° Cone - Light Series



Hardy Spicer Part Number	Gates Desc.	Gates Part Number	Hose ID		Thread Size	A	B	H
			inch	mm		mm	mm	mm
MCLMM-12-04	4G-6MDL	7100-192685	1/4	6.4	M12 x 1.5	45.8	19.8	14.0
MCLMM-14-04	4G-8MDL	7100-114835	1/4	6.4	M14 x 1.5	46.8	20.8	17.0
MCLMM-16-04	4G-10MDL	7100-114845	1/4	6.4	M16 x 1.5	47.8	21.8	17.0
MCLMM-18-04	4G-12MDL	7100-192725	1/4	6.4	M18 x 1.5	50.0	24.0	19.0
MCLMM-14-05¥	5G-8MDL	7100-193045	5/16	7.9	M14 x 1.5	48.8	20.8	17.0
MCLMM-16-05¥	5G-10MDL	7100-192995	5/16	7.9	M16 x 1.5	49.8	21.8	17.0
MCLMM-18-05	5G-12MDL	7100-193065	5/16	7.9	M18 x 1.5	50.8	22.8	19.0
MCLMM-16-06	6G-10MDL	7100-114865	3/8	9.5	M16 x 1.5	49.8	21.9	17.0
MCLMM-18-06	6G-12MDL	7100-114875	3/8	9.5	M18 x 1.5	50.8	22.9	19.0
MCLMM-22-06	6G-15MDL	7100-192695	3/8	9.5	M22 x 1.5	51.8	23.9	24.0
MCLMM-18-08	8G-12MDL	7100-192735	1/2	12.7	M18 x 1.5	60.6	23.1	22.0
MCLMM-22-08	8G-15MDL	7100-104885	1/2	12.7	M22 x 1.5	61.5	24.0	24.0
MCLMM-26-08	8G-18MDL	7100-192745	1/2	12.7	M26 x 1.5	63.0	25.5	27.0
MCLMM-26-10	10G-18MDL	7100-104895	5/8	15.9	M26 x 1.5	62.5	25.0	27.0
MCLMM-26-12	12G-18MDL	7100-193005	3/4	19.0	M26 x 1.5	75.9	24.9	27.0
MCLMM-30-12	12G-22MDL	7100-104905	3/4	19.0	M30 x 2.0	78.0	27.0	32.0
MCLMM-36-16	16G-28MDL	7100-104915	1	25.4	M36 x 2.0	87.2	30.4	41.0
MCLMM-45-20	20G-35MDL	7100-104925	1-1/4	31.8	M45 x 2.0	94.1	35.1	46.0

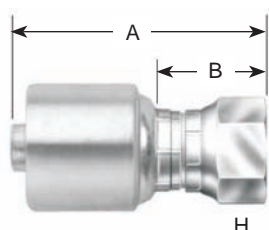
¥ Coupling pricing & availability on request.

www.hardyspicer.com.au

Document No:	HSFITCAT
Issue:	3
Issue Date:	01/07/07

This catalogue is the copyright
of Hardy Spicer

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



Hardy Spicer Part Number	Gates Desc.	Gates Part Number	Hose ID		Thread Size	A	B	H
			inch	mm		mm	mm	mm
MCLMF-12-04	4G-6FDLORX	7100-192135	1/4	6.4	M12 x 1.5	51.8	25.8	14.0
MCLMF-14-04	4G-8FDLORX	7100-191995	1/4	6.4	M14 x 1.5	54.4	28.4	17.0
MCLMF-16-04	4G-10FDLORX	7100-192145	1/4	6.4	M16 x 1.5	55.3	29.3	19.0
MCLMF-18-04	4G-12FDLORX	7100-192865	1/4	6.4	M18 x 1.5	55.7	29.7	22.0
MCLMF-14-05¥	5G-8FDLORX	7100-192165	5/16	7.9	M14 x 1.5	56.4	28.4	17.0
MCLMF-16-05¥	5G-10FDLORX	7100-192015	5/16	7.9	M16 x 1.5	58.0	29.7	19.0
MCLMF-18-05¥	5G-12FDLORX	7100-192035	5/16	7.9	M18 x 1.5	58.0	29.9	22.0
MCLMF-16-06	6G-10FDLORX	7100-192175	3/8	9.5	M16 x 1.5	57.1	29.2	19.0
MCLMF-18-06	6G-12FDLORX	7100-192055	3/8	9.5	M18 x 1.5	57.8	29.9	22.0
MCLMF-20-06	6G-14FDLORX	7100-193295	3/8	9.5	M20 x 1.5	60.4	32.5	24.0
MCLMF-22-06	6G-15FDLORX	7100-192195	3/8	9.5	M22 x 1.5	56.7	28.8	27.0
MCLMF-18-08	8G-12FDLORX	7100-194495	1/2	12.7	M18 x 1.5	70.2	32.7	22.0
MCLMF-22-08	8G-15FDLORX	7100-192075	1/2	12.7	M22 x 1.5	66.8	29.3	27.0
MCLMF-26-08	8G-18FDLORX	7100-193105	1/2	12.7	M26 x 1.5	67.9	30.4	32.0
MCLMF-26-10	10G-18FDLORX	7100-192095	5/8	15.9	M26 x 1.5	67.8	30.3	32.0
MCLMF-26-12	12G-18FDLORX	7100-192825	3/4	19.0	M26 x 1.5	81.0	30.0	32.0
MCLMF-30-12	12G-22FDLORX	7100-192115	3/4	19.0	M30 x 2.0	83.3	32.3	36.0
MCLMF-36-16	16G-28FDLORX	7100-192205	1	25.4	M36 x 2.0	93.5	36.7	41.0
MCLMF-45-20	20G-35FDLORX	7100-192215	1-1/4	31.8	M45 x 2.0	103.1	44.1	50.0

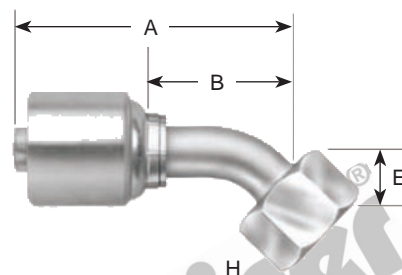
¥ Coupling pricing & availability on request.

www.hardyspicer.com.au

Document No:	HSFITCAT
Issue:	3
Issue Date:	01/07/07

This catalogue is the copyright of Hardy Spicer

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



Hardy Spicer Part Number	Gates Desc.	Gates Part Number	Hose ID		Thread Size	A	B	E	H
			inch	mm		mm	mm	mm	mm
MCLMF45-12-04	4G-6FDLORX45	7100-192135	1/4	6.4	M12 x 1.5	65.3	39.5	16.9	14.0
MCLMF45-14-04	4G-8FDLORX45	7100-191855	1/4	6.4	M14 x 1.5	62.6	36.5	16.2	17.0
MCLMF45-16-04	4G-10FDLORX45	7100-192265	1/4	6.4	M16 x 1.5	64.4	38.3	17.9	19.0
MCLMF45-18-04	4G-12FDLORX45	7100-192885	1/4	6.4	M18 x 1.5	66.7	40.7	18.3	22.0
MCLMF45-14-05¥	5G-8FDLORX45	7100-192285	5/16	7.9	M14 x 1.5	67.2	39.1	16.9	17.0
MCLMF45-16-05¥	5G-10FDLORX45	7100-191895	5/16	7.9	M16 x 1.5	67.3	39.3	17.1	19.0
MCLMF45-18-05¥	5G-12FDLORX45	7100-191915	5/16	7.9	M18 x 1.5	67.7	39.7	18.9	22.0
MCLMF45-16-06	6G-10FDLORX45	7100-192295	3/8	9.5	M16 x 1.5	68.5	40.5	18.6	19.0
MCLMF45-18-06	6G-12FDLORX45	7100-191875	3/8	9.5	M18 x 1.5	68.8	40.9	18.9	22.0
MCLMF45-22-06	6G-15FDLORX45	7100-192315	3/8	9.5	M22 x 1.5	72.3	44.4	22.5	27.0
MCLMF45-18-08	8G-12FDLORX45	7100-194505	1/2	12.7	M18 x 1.5	92.9	55.4	29.7	22.0
MCLMF45-22-08	8G-15FDLORX45	7100-191935	1/2	12.7	M22 x 1.5	84.6	47.1	20.2	27.0
MCLMF45-26-08	8G-18FDLORX45	7100-193115	1/2	12.7	M26 x 1.5	94.9	57.2	26.9	32.0
MCLMF45-26-10	10G-18FDLORX45	7100-191955	5/8	15.9	M26 x 1.5	93.5	56.0	24.8	32.0
MCLMF45-30-12	12G-22FDLORX45	7100-191975	3/4	19.0	M30 x 2.0	117.1	66.1	29.8	36.0
MCLMF45-36-16	16G-28FDLORX45	7100-192325	1	25.4	M36 x 2.0	135.4	78.8	30.9	41.0
MCLMF45-45-20	20G-35FDLORX45	7100-192335	1-1/4	31.8	M45 x 2.0	152.4	93.4	37.5	50.0

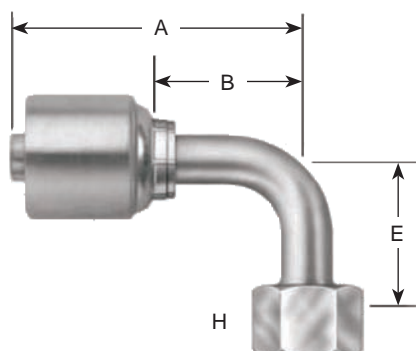
¥ Coupling pricing & availability on request.

www.hardyspicer.com.au

Document No:	HSFITCAT
Issue:	3
Issue Date:	01/07/07

This catalogue is the copyright of Hardy Spicer

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



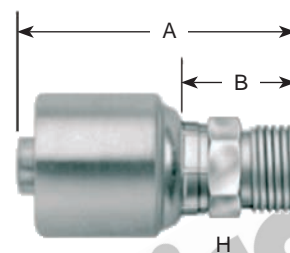
Hardy Spicer Part Number	Gates Desc.	Gates Part Number	Hose ID		Thread Size	A	B	E	H
			inch	mm		mm	mm	mm	mm
MCLMF90-12-04	4G-6FDLORX90	7100-192375	1/4	6.4	M12 x 1.5	57.5	31.5	35.0	14.0
MCLMF90-14-04	4G-8FDLORX90	7100-191685	1/4	6.4	M14 x 1.5	57.5	31.5	35.0	17.0
MCLMF90-16-04	4G-10FDLORX90	7100-192385	1/4	6.4	M16 x 1.5	57.5	31.5	36.5	19.0
MCLMF90-18-04	4G-12FDLORX90	7100-192905	1/4	6.4	M18 x 1.5	59.5	33.5	37.0	22.0
MCLMF90-14-05¥	5G-8FDLORX90	7100-192405	5/16	7.9	M14 x 1.5	61.4	33.4	35.0	17.0
MCLMF90-16-05¥	5G-10FDLORX90	7100-191725	5/16	7.9	M16 x 1.5	62.5	34.4	36.5	19.0
MCLMF90-18-05	5G-12FDLORX90	7100-191745	5/16	7.9	M18 x 1.5	59.0	31.0	37.0	22.0
MCLMF90-16-06	6G-10FDLORX90	7100-192415	3/8	9.5	M16 x 1.5	60.1	32.2	36.5	19.0
MCLMF90-18-06	6G-12FDLORX90	7100-191705	3/8	9.5	M18 x 1.5	60.1	32.2	37.0	22.0
MCLMF90-22-06	6G-15FDLORX90	7100-192435	3/8	9.5	M22 x 1.5	60.1	32.2	42.0	27.0
MCLMF90-18-08	8G-12FDLORX90	7100-194115	1/2	12.7	M18 x 1.5	74.3	36.9	53.1	22.0
MCLMF90-22-08	8G-15FDLORX90	7100-191765	1/2	12.7	M22 x 1.5	77.9	40.4	42.0	27.0
MCLMF90-26-08	8G-18FDLORX90	7100-193125	1/2	12.7	M26 x 1.5	81.5	44.0	51.5	32.0
MCLMF90-26-10	10G-18FDLORX90	7100-191785	5/8	15.9	M26 x 1.5	85.1	47.6	51.5	32.0
MCLMF90-26-12	12G-18FDLORX90	7100-193095	3/4	19.0	M26 x 1.5	100.3	49.3	51.5	32.0
MCLMF90-30-12	12G-22FDLORX90	7100-191805	3/4	19.0	M30 x 2.0	107.3	56.3	62.0	36.0
MCLMF90-36-16	16G-28FDLORX90	7100-192445	1	25.4	M36 x 2.0	131.1	74.3	70.0	41.0
MCLMF90-90-20	20G-35FDLORX90	7100-192455	1-1/4	31.8	M45 x 2.0	141.8	82.8	80.0	50.0

¥ Coupling pricing & availability on request.

www.hardyspicer.com.au

Document No:	HSFITCAT
Issue:	3
Issue Date:	01/07/07

Male DIN 24° Cone - Heavy Series



Hardy Spicer Part Number	Gates Desc.	Gates Part Number	Hose ID		Thread Size	A	B	H
			inch	mm		mm	mm	mm
MCHMM-16-04	4G-8MDH	7100-115315	1/4	6.4	M16 x 1.5	53.0	27.0	17.0
MCHMM-18-04	4G-10MDH	7100-115325	1/4	6.4	M18 x 1.5	52.5	26.5	19.0
MCHMM-18-05¥	5G-10MDH	7100-193075	5/16	7.9	M18 x 1.5	53.8	25.8	19.0
MCHMM-20-05¥	5G-12MDH	7100-193015	5/16	7.9	M20 x 1.5	55.8	27.8	22.0
MCHMM-18-06¥	6G-10MDH	7100-115345	3/8	9.5	M18 x 1.5	55.0	27.1	19.0
MCHMM-20-06¥	6G-12MDH	7100-115355	3/8	9.5	M20 x 1.5	57.5	29.6	24.0
MCHMM-22-06	6G-14MDH	7100-115365	3/8	9.5	M22 x 1.5	59.5	31.6	24.0
MCHMM-24-08	8G-16MDH	7100-105375	1/2	12.7	M24 x 1.5	69.0	31.5	27.0
MCHMM-30-10	10G-20MDH	7100-105385	5/8	15.9	M30 x 2.0	73.5	36.0	32.0
MCHMM-30-12	12G-20MDH	7100-192755	3/4	19.0	M30 x 2.0	84.9	33.9	32.0
MCHMM-36-12	12G-25MDH	7100-105395	3/4	19.0	M36 x 2.0	92.0	41.0	41.0
MCHMM-36-16	16G-25MDH	7100-192675	1	25.4	M36 x 2.0	97.2	40.4	41.0
MCHMM-42-16	16G-30MDH	7100-192535	1	25.4	M42 x 2.0	99.2	42.4	46.0
MCHMM-52-20	20G-38MDH	7100-192545	1-1/4	31.8	M52 x 2.0	108.1	49.1	55.0

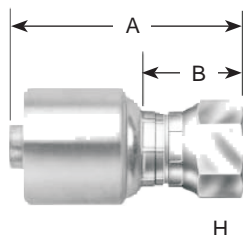
¥ Coupling pricing & availability on request.

www.hardyspicer.com.au

Document No:	HSFITCAT
Issue:	3
Issue Date:	01/07/07

This catalogue is the copyright
of Hardy Spicer

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



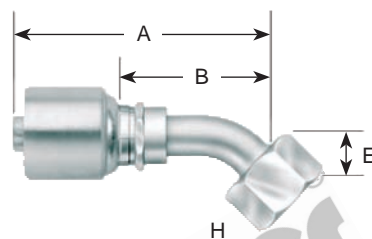
Hardy Spicer Part Number	Gates Desc.	Gates Part Number	Hose ID		Thread Size	A	B	H
			inch	mm		mm	mm	mm
MCHMF-14-04¥	4G-6FDHORX	7100-192975	1/4	6.4	M14 x 1.5	51.8	25.8	17.0
MCHMF-16-04	4G-8FDHORX	7100-192005	1/4	6.4	M16 x 1.5	54.4	28.4	19.0
MCHMF-18-04	4G-10FDHORX	7100-192155	1/4	6.4	M18 x 1.5	55.3	29.3	22.0
MCHMF-20-04¥	4G-12FDHORX	7100-192875	1/4	6.4	M20 x 1.5	55.7	29.7	24.0
MCHMF-18-05¥	5G-10FDHORX	7100-192025	5/16	7.9	M18 x 1.5	58.0	29.9	22.0
MCHMF-20-05¥	5G-12FDHORX	7100-192045	5/16	7.9	M20 x 1.5	58.0	29.9	24.0
MCHMF-18-06¥	6G-10FDHORX	7100-192185	3/8	9.5	M18 x 1.5	57.1	29.2	22.0
MCHMF-20-06	6G-12FDHORX	7100-192065	3/8	9.5	M20 x 1.5	57.8	29.9	24.0
MCHMF-22-06	6G-14FDHORX	7100-193305	3/8	9.5	M22 x 1.5	60.4	32.5	27.0
MCHMF-20-08¥	8G-12FDHORX	7100-193335	1/2	12.7	M20 x 1.5	70.2	32.7	24.0
MCHMF-24-08	8G-16FDHORX	7100-192085	1/2	12.7	M24 x 1.5	71.1	33.6	30.0
MCHMF-30-08¥	8G-20FDHORX	7100-192665	1/2	12.7	M30 x 2.0	75.5	38.0	36.0
MCHMF-24-10¥	10G-16FDHORX	7100-194105	5/8	15.9	M24 x 1.5	71.9	34.4	30.0
MCHMF-30-10	10G-20FDHORX	7100-192105	5/8	15.9	M30 x 2.0	75.7	38.2	36.0
MCHMF-30-12	12G-20FDHORX	7100-192855	3/4	19.0	M30 x 2.0	88.5	37.5	36.0
MCHMF-36-12	12G-25FDHORX	7100-192125	3/4	19.0	M36 x 2.0	93.6	42.6	46.0
MCHMF-36-16	16G-25FDHORX	7100-193215	1	25.4	M36 x 2.0	102.5	45.7	46.0
MCHMF-42-16	16G-30FDHORX	7100-192235	1	25.4	M42 x 2.0	106.0	49.2	50.0
MCHMF-52-20¥	20G-38FDHORX	7100-192245	1-1/4	31.8	M52 x 2.0	116.8	57.8	60.0

¥ Coupling pricing & availability on request.

www.hardyspicer.com.au

Document No:	HSFITCAT
Issue:	3
Issue Date:	01/07/07

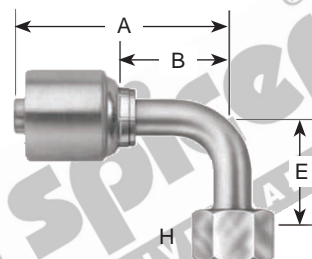
Female DIN 24° Cone Swivel Heavy Series with O-Ring - 45° Bent Tube



Hardy Spicer Part Number	Gates Desc.	Gates Part Number	Hose ID		Thread Size	A	B	E	H
			inch	mm		mm	mm	mm	mm
MCHMF45-16-04¥	4G-8FDHORX45	7100-191865	1/4	6.4	M16 x 1.5	62.6	36.5	16.2	19.0
MCHMF45-18-04	4G-10FDHORX45	7100-192275	1/4	6.4	M18 x 1.5	64.4	38.3	17.9	22.0
MCHMF45-20-04¥	4G-12FDHORX45	7100-192895	1/4	6.4	M20 x 1.5	66.7	40.7	18.3	24.0
MCHMF45-18-05¥	5G-10FDHORX45	7100-191905	5/16	7.9	M18 x 1.5	67.3	39.3	17.1	22.0
MCHMF45-20-05¥	5G-12FDHORX45	7100-191925	5/16	7.9	M20 x 1.5	67.7	39.7	18.9	24.0
MCHMF45-18-06¥	6G-10FDHORX45	7100-192305	3/8	9.5	M18 x 1.5	68.5	40.5	18.6	22.0
MCHMF45-20-06	6G-12FDHORX45	7100-191885	3/8	9.5	M20 x 1.5	68.8	40.9	18.9	24.0
MCHMF45-22-06	6G-14FDHORX45	7100-192345	3/8	9.5	M22 x 1.5	70.9	43.0	21.0	27.0
MCHMF45-24-08	8G-16FDHORX45	7100-191945	1/2	12.7	M24 x 1.5	86.0	48.5	21.6	30.0
MCHMF45-30-10	10G-20FDHORX45	7100-191965	5/8	15.9	M30 x 2.0	93.1	55.7	24.9	36.0
MCHMF45-36-12	12G-25FDHORX45	7100-191985	3/4	19.0	M36 x 2.0	118.6	67.6	31.2	46.0
MCHMF45-42-16	16G-30FDHORX45	7100-192355	1	25.4	M42 x 2.0	139.8	83.0	35.1	50.0
MCHMF45-52-20¥	20G-38FDHORX45	7100-194945	1-1/4	31.8	M52 x 2.0	145.0	107.9	42.5	60.0

¥ Coupling pricing & availability on request.

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



Hardy Spicer Part Number	Gates Desc.	Gates Part Number	Hose ID		Thread Size	A	B	E	H
			inch	mm		mm	mm	mm	mm
MCHMF90-16-04	4G-8FDHORX90	7100-191695	1/4	6.4	M16 x 1.5	57.5	31.5	35.0	19.0
MCHMF90-18-04	4G-10FDHORX90	7100-192395	1/4	6.4	M18 x 1.5	57.5	31.5	36.5	22.0
MCHMF90-20-04¥	4G-12FDHORX90	7100-192915	1/4	6.4	M20 x 1.5	59.5	33.5	37.0	24.0
MCHMF90-18-05¥	5G-10FDHORX90	7100-191735	5/16	7.9	M18 x 1.5	62.5	34.4	36.5	22.0
MCHMF90-20-05¥	5G-12FDHORX90	7100-191755	5/16	7.9	M20 x 1.5	59.0	30.9	37.0	24.0
MCHMF-18-06¥	6G-10FDHORX90	7100-192425	3/8	9.5	M18 x 1.5	60.1	32.2	36.5	22.0
MCHMF90-20-06	6G-12FDHORX90	7100-191715	3/8	9.5	M20 x 1.5	60.1	32.2	37.0	24.0
MCHMF90-22-06	6G-14FDHORX90	7100-192465	3/8	9.5	M22 x 1.5	60.1	32.2	40.0	27.0
MCHMF90-24-08	8G-16FDHORX90	7100-191775	1/2	12.7	M24 x 1.5	77.9	40.4	44.0	30.0
MCHMF90-30-10	10G-20FDHORX90	7100-191795	5/8	15.9	M30 x 2.0	84.1	46.6	51.0	36.0
MCHMF90-30-12	12G-20FDHORX90	7100-193035	3/4	19.0	M30 x 2.0	100.3	49.3	51.0	36.0
MCHMF90-36-12	12G-25FDHORX90	7100-191815	3/4	19.0	M36 x 2.0	107.3	56.3	64.0	46.0
MCHMF90-42-16	16G-30FDHORX90	7100-192475	1	25.4	M42 x 2.0	131.1	74.3	76.0	50.0

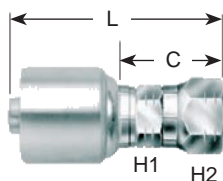
¥ Coupling pricing & availability on request.

www.hardyspicer.com.au

Document No:	HSFITCAT
Issue:	3
Issue Date:	01/07/07

This catalogue is the copyright of Hardy Spicer

Female Komatsu-Style Japanese Metric Swivel



Hardy Spicer Part Number	Gates Desc.	Gates Part Number	Hose ID		Thread Size	H1	H2	L	C
			inch	mm		inch	inch	mm	mm
MCKF-14-04	4G-4FKX	7100-13715	1/4	6.4	M14 x 1.5	9/16	3/4	56.3	30.2
MCKF-18-04¥	4G-6FKX	7100-13735	1/4	6.4	M18 x 1.5	11/16	7/8	61.3	35.3
MCKF-18-06	6G-6FKX	7100-13725	3/8	9.5	M18 x 1.5	11/16	7/8	62.8	34.9
MCKF-22-08	8G-8FKX	7100-03735	1/2	12.7	M22 x 1.5	7/8	1-1/16	74.5	37.0
MCKF-24-10	10G-10FKX	7100-03745	5/8	15.8	M24 x 1.5	1	1-1/4	78.5	41.1
MCKF-30-12	12G-12FKX	7100-03755	3/4	19.0	M30 x 1.5	1-1/8	1-3/8	87.1	46.1
MCKF-33-16	16G-16FKX	7100-03765	1	25.4	M33 x 1.5	1-3/8	1-5/8	114.6	57.8

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

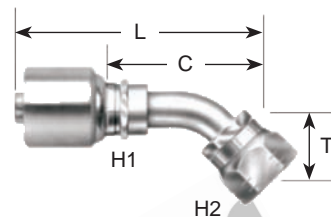
¥ Coupling pricing & availability on request.

www.hardyspicer.com.au

Document No:	HSFITCAT
Issue:	3
Issue Date:	01/07/07

This catalogue is the copyright of Hardy Spicer

Female Komatsu-Style Japanese Metric Swivel - 45° Bent Tube

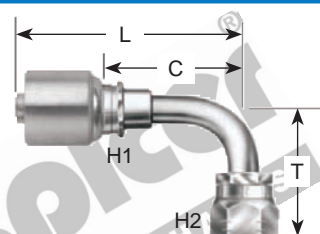


Hardy Spicer Part Number	Gates Desc.	Gates Part Number	Hose ID		Thread Size	H1	H2	T	L	C
			inch	mm		inch	inch	mm	mm	mm
MCKF45-14-04¥	4G-4FKX45	7100-06555	1/4	6.4	M14 x 1.5	1/2	3/4	19.0	78.0	52.0
MCKF45-18-06¥	6G-6FKX45	7100-06575	3/8	9.5	M18 x 1.5	5/8	7/8	28.0	86.0	58.1
MCKF45-22-08¥	8G-8FKX45	7100-06595	1/2	12.7	M22 x 1.5	13/16	1-1/16	18.0	95.0	57.5
MCKF45-24-10¥	10G-10FKX45	7100-06625	5/8	15.8	M24 x 1.5	15/16	1-1/4	28.0	112.5	75.0
MCKF45-30-12¥	12G-12FKX45	7100-06645	3/4	19.0	M30 x 1.5	1-1/16	1-7/8	30.0	133.0	82.0

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

¥ Coupling pricing & availability on request.

Female Komatsu-Style Japanese Metric Swivel - 90° Bent Tube



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
MCKF90-14-04	4G-4FKX90M	7100-06705	1/4	6.4	M14 x 1.5	1/2	3/4	38.0	69.0	43.0
MCKF90-18-06	6G-6FKX90-028	7100-06955	3/8	9.5	M18 x 1.5	5/8	7/8	27.7	74.2	46.3
MCKF90-22-08¥	8G-8FKX90M	7100-06765	1/2	12.7	M22 x 1.5	13/16	1-1/16	35.0	88.0	50.5
MCKF90-30-12¥	12G-12FKX90M	7100-06825	3/4	19.0	M30 x 1.5	1-1/16	1-7/16	63.0	188.0	67.0

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

¥ Coupling pricing & availability on request.

www.hardyspicer.com.au

Document No:	HSFITCAT
Issue:	3
Issue Date:	01/07/07

This catalogue is the copyright
of Hardy Spicer

Power Crimp One Non-Skive Ferrules (Steel) - PC1FS Series

Hardy Spicer Part Number	Gates Desc.	Gates Part Number	L	Hose OD
			mm	mm
PC-24PC1FS	24PC1FS	7266-07245	68.3	68.3
PC-32PC1FS	32PC1FS	7266-07325	90.4	82.6



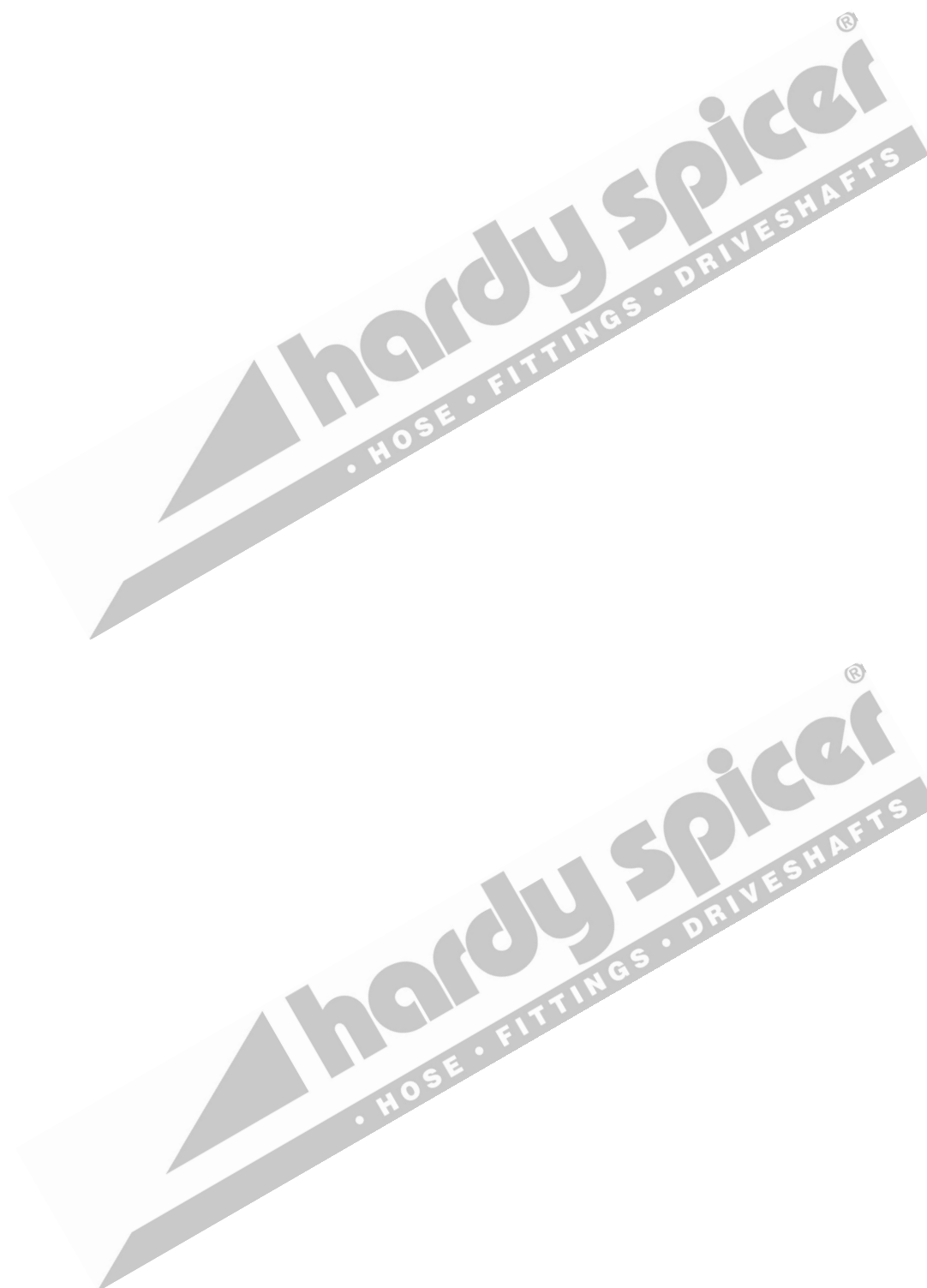
Power Crimp Two Skive Ferrules (Steel) - PC2F Series

Hardy Spicer Part Number	Gates Desc.	Gates Part Number	L	Hose OD
			mm	mm
PC-24PC2F-4¥	24PC2F-4	7266-00355	73.2	64.8
PC-32PC2F-4¥	32PC2F-4	7266-00375	87.1	80.3

¥ Coupling pricing & availability on request.



Notes

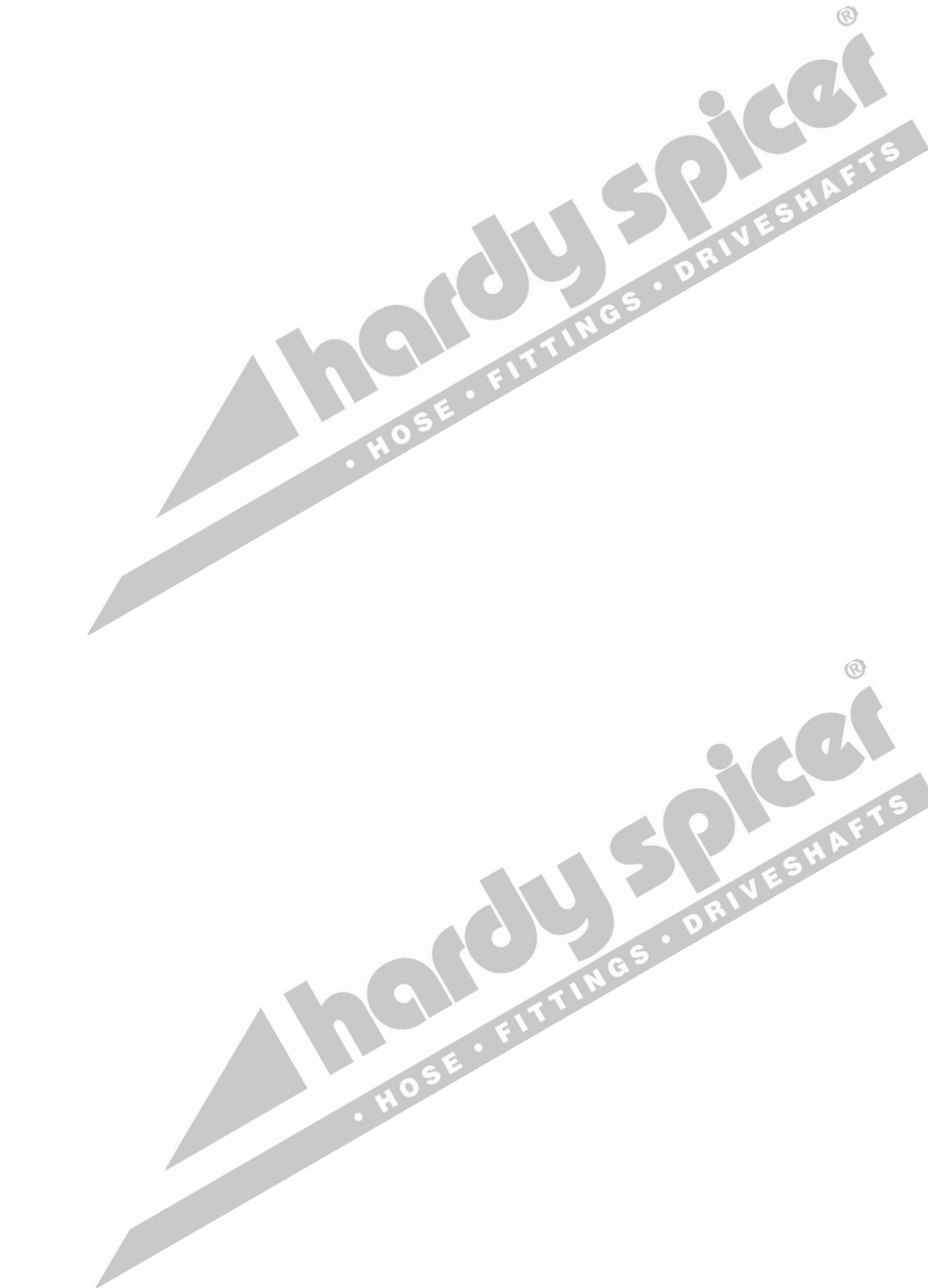


www.hardyspicer.com.au

Document No:	HSFITCAT
Issue:	3
Issue Date:	01/07/07

This catalogue is the copyright
of Hardy Spicer

Notes

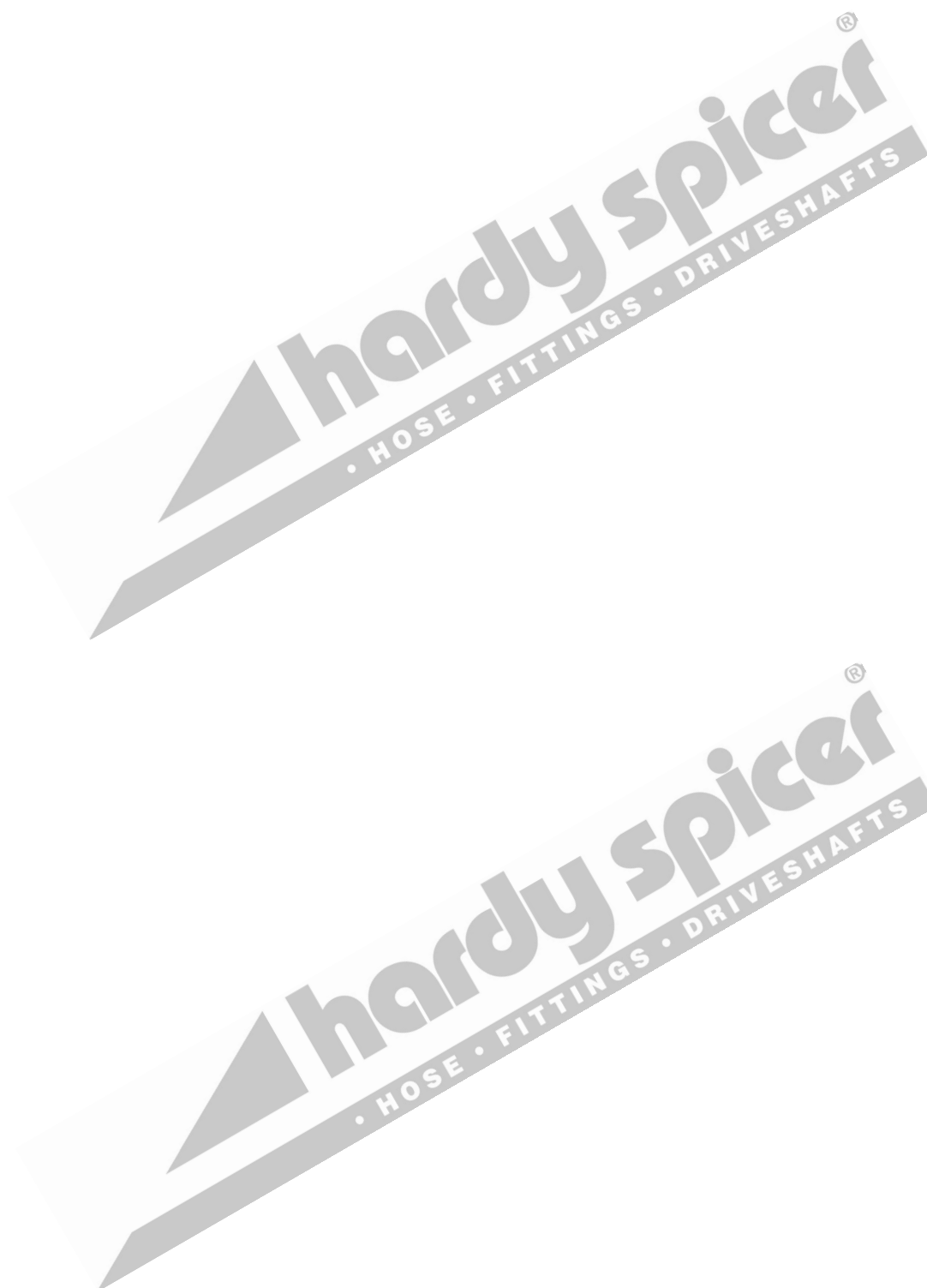


www.hardyspicer.com.au

Document No:	HSFITCAT
Issue:	3
Issue Date:	01/07/07

This catalogue is the copyright
of Hardy Spicer

Notes

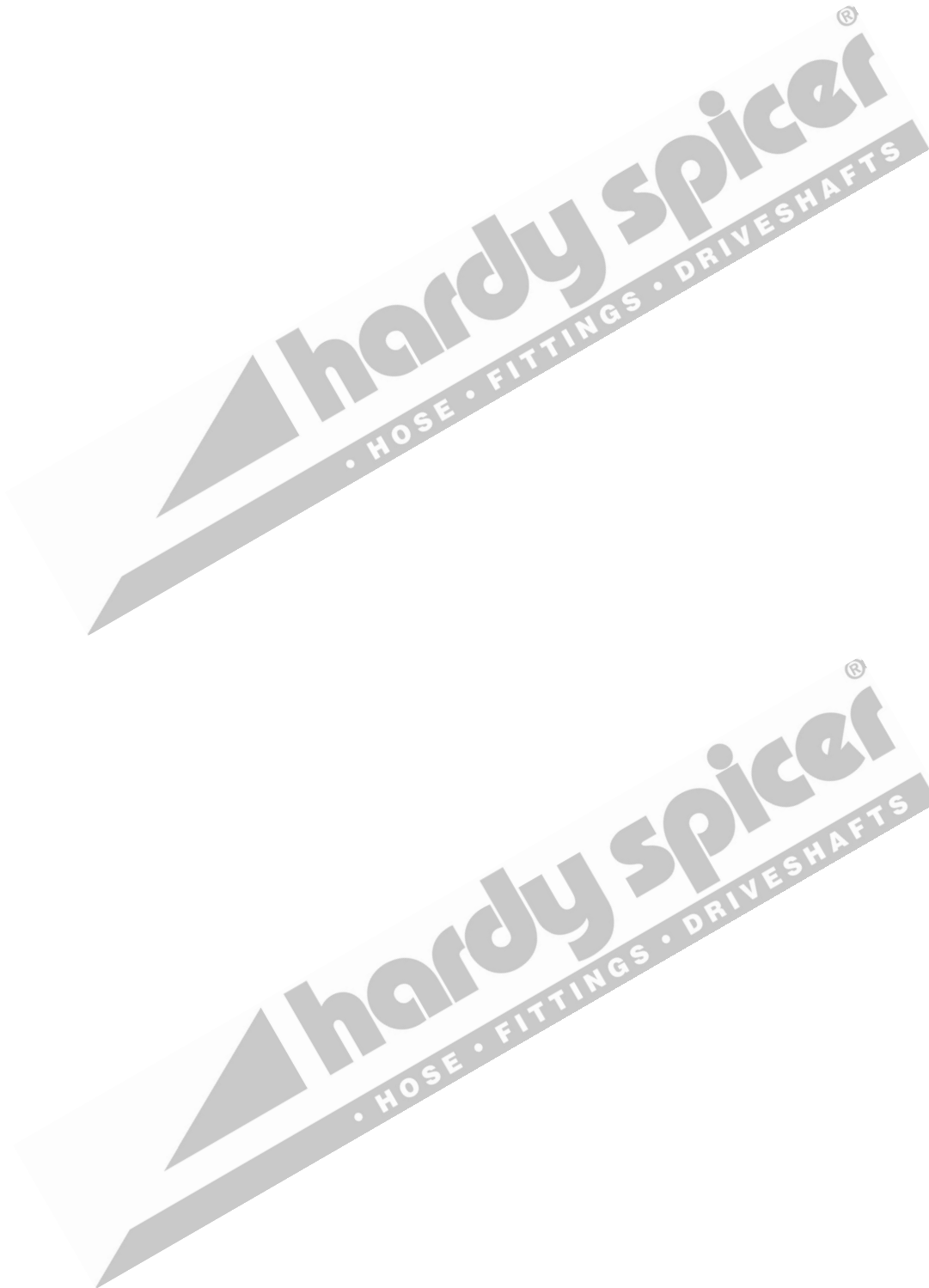


www.hardyspicer.com.au

Document No:	HSFITCAT
Issue:	3
Issue Date:	01/07/07

This catalogue is the copyright
of Hardy Spicer

Notes



www.hardyspicer.com.au

Document No:	HSFITCAT
Issue:	3
Issue Date:	01/07/07