

FITTINGS & FERRULES FOR G1, G2 & M3K

HYDRAULICS



FEMALE JIC 37° SWIVEL



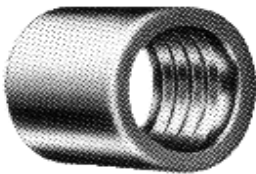
FEMALE JIC 37° SWIVEL FOR C1T & C2AT HOSE			ORDER INFORMATION	
HOSE SIZE	THREAD SIZE FEMALE	REFERENCE	STOCK NUMBER	PRICE
1/4"	7/16 - 20	4G-4FJX	GA85000	5.16
1/4"	1/2 - 20	4G-5FJX	GA85005	5.90
1/4"	9/16 - 18	4G-6FJX	GA85010	6.21
3/8"	9/16 - 18	6G-6FJX	GA85015	5.92
3/8"	3/4 - 16	6G-8FJX	GA85020	6.77
1/2"	3/4 - 16	8G-8FJX	GA85035	7.69
1/2"	7/8 - 14	8G-10FJX	GA85040	8.84
1/2"	1-1/16 - 12	8G-12FJX	GA85045	11.65
5/8"	1-1/16 - 12	10G-8FJX	GA85059	19.18
5/8"	7/8 - 14	10G-10FJX	GA85060	14.15
5/8"	1-1/16 - 12	10G-12FJX	GA85062	15.73
3/4"	7/8 - 14	12G-10FJX	GA85065	14.49
3/4"	1-1/16 - 12	12G-12FJX	GA85070	13.07
3/4"	1-3/16 - 12	12G-14FJX	GA85075	15.36
3/4"	1-5/16 - 12	12G-16FJX	GA85080	15.61
1"	1-1/16 - 12	16G-12FJX	GA85085	25.36
1"	1-5/16 - 12	16G-16FJX	GA00850	15.18
1"	1-5/8 - 12	16G-20FJX	GA85091	30.91
1-1/4"	1-5/8 - 12	20G-20FJX	GA85093	53.55
1-1/2"	1-7/8 - 12	24-24FJX	GA00860	39.91
2"	2-1/2 - 12	32-32FJX	GA00865	99.69

FERRULES FOR G1 & G2

HYDRAULICS

FERRULES

FOR GATES G1 & G2 HOSES
SAE100R1 & SAE100R2
ALUMINUM CONSTRUCTION



POWER CRIMP® FERRULES
No Skive

C1T & C2AT FERRULES		ORDER INFORMATION	
HOSE SIZE	REFERENCE	STOCK NUMBER	PRICE
1/4"	4PC1FS	GA01778	2.51
5/16"	5PC1FS	GA01779	2.99
3/8"	6PC1FS	GA01780	2.99
1/2"	8PC1FS	GA01781	3.83
5/8"	10PC1FS	GA01785	7.54
3/4"	12PC1FS	GA01790	6.91
1"	16PC1FS	GA01792	11.27
1-1/4"	20PC1FS	GA01794	24.11
1-1/2"	24PC1FS	GA01795	35.48
2"	32PC1FS	GA01800	60.86

FERRULES M3K HOSE

HYDRAULICS



M3K FERRULES

MEGAFLEX M3K FERRULES			ORDER INFORMATION	
HOSE ID (in.)	HOSE NUMBER	REFERENCE	STOCK NUMBER	PRICE
1/4	4M3K	4M3KPC	GA01681	1.92
3/8	6M3K	6M3KPC	GA01688	2.35
1/2	8M3K	8M3KPC	GA01689	2.53
3/4	12M3K	12PCS1F-M3K	GA01790	6.91
1	16M3K	16PCS1F-M3K	GA80305	15.90

GRAND RAPIDS

TOLL FREE 1-800-968-0188
PHONE: (616) 949-8844
FAX: (616) 949-6598

KALKASKA

TOLL FREE 1-800-355-4338
PHONE: (616) 258-4338
FAX: (616) 258-2696



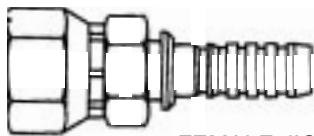
SAE 100R12

- Temperature range -40° to 251°F
- 4 spirals of steel wire and fabric

C12 4 SPIRAL HOSE						ORDER INFORMATION	
HOSE ID (in.)	WORKING PRESSURE (psi)	MIN. BURST PRESSURE (psi)	MIN. BEND RADIUS (in.)	FERRULE	REFERENCE	STOCK NUMBER	PRICE
3/4	4,000	16,000	9.5	12GS1F4	-	GB00798	14.95
1	4,000	16,000	12.0	16GS1F4	16C12	GB00805	19.40
1-1/4	3,000	12,000	16.5	20GS1F4	20C12	GB00810	31.54
1-1/2	2,500	10,000	20.0	24PCS1F	24G3K	GB00815	45.97
2	2,500	10,000	25.0	32PCS1F	32G3K	GB00820	66.73

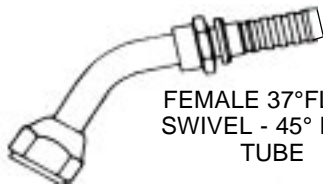
NOTE: USES PCS FERRULES & STEMS

FITTINGS FOR C12 HOSE



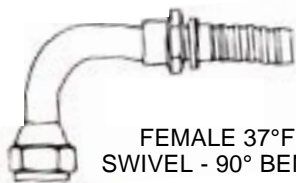
FEMALE JIC 37° SWIVEL

FEMALE JIC 37° SWIVEL FOR C12 HOSE				ORDER INFORMATION	
HOSE ID (in.)	HOSE NUMBER	FERRULE	REFERENCE	STOCK NUMBER	PRICE
3/4	12C12	12GS1F4	12GS-12FJX	GA87040	10.24
1	16C12	16GS1F4	16GS-16FJX	GA87045	15.94
1-1/4	20C12	20GS1F4	20GS-20FJX	GA87048	36.39
1-1/2	24C12	24PCS1F	24PCS-24FJX	GA80400	41.63
2	32C12	32PCS1F	32PCS-32FJX	GA80405	100.29



FEMALE 37° FLARE SWIVEL - 45° BENT TUBE

FEMALE 37° FLARE SWIVEL- 45° BENT TUBE				ORDER INFORMATION	
HOSE ID (in.)	HOSE NUMBER	FERRULE	REFERENCE	STOCK NUMBER	PRICE
1	16C12	16GS1F4	16GS-16FJX45M	GA87056	55.42



FEMALE 37° FLARE SWIVEL - 90° BENT TUBE

FEMALE 37° FLARE SWIVEL- 90° BENT TUBE				ORDER INFORMATION	
HOSE ID (in.)	HOSE NUMBER	FERRULE	REFERENCE	STOCK NUMBER	PRICE
3/4	12C12	12GS1F4	12GS-12FJX90M	GA87073	38.47
1	16C12	16GS1F4	16GS-16FJX90	GA87066	52.52
1-1/4	20C12	20GS1F4	20GS-20FJX90M	GA87077	71.68



MALE PIPE STEMS FOR C12 HOSE

MALE PIPE STEMS FOR C12 HOSE				ORDER INFORMATION	
HOSE ID (in.)	HOSE NUMBER	FERRULE	REFERENCE	STOCK NUMBER	PRICE
3/4"	12C12	12GS1F4	12GS-12MP	GA87005	6.46
1"	16C12	16GS1F4	16GS-16MP	GA87008	11.90
1-1/4"	20C12	20GS1F4	20GS-20MP	GA87010	23.65
1-1/2"	24C12	24PCS1F	24PCS-24MP	GA80360	30.97
2"	32C12	32PCS1F	32PCS-32MP	GA80365	49.42

GRAND RAPIDS

TOLL FREE 1-800-968-0188
PHONE: (616) 949-8844
FAX: (616) 949-6598

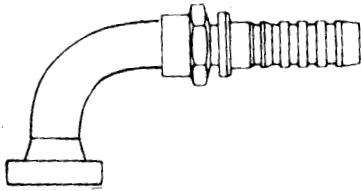
KALKASKA

TOLL FREE 1-800-355-4338
PHONE: (616) 258-4338
FAX: (616) 258-2696

O-RING FLANGES FOR C12 HOSE

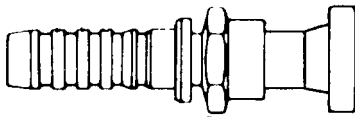
HYDRAULICS

"O" Ring Flange- 90°
(Code 61- SAE J518)



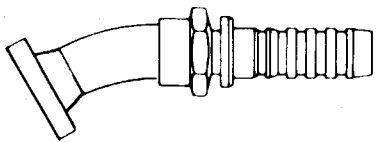
O RING FLANGE - 90° FOR C12 HOSE					ORDER INFORMATION	
HOSE ID (in.)	HOSE NUMBER	FERRULE	FLANGE SIZE	REFERENCE	STOCK NUMBER	PRICE
3/4	12C12	12GS1F4	3/4	12GS-12FL90	GA87161	38.89
1	16C12	16GS1F4	1	16GS-16FL90	GA87163	39.33
1-1/4	20C12	20GS1F4	1-1/4	20GS-20FL90L	GA87167	56.24
1-1/4	20C12	20GS1F4	1-1/2	20GS-24FL90S	GA87156	73.33
1-1/2	24C12	24PCS1F	1-1/2	24PCS-24FL90	GA80570	67.67
1-1/2	24C12	24PCS1F	2	24PCS-32FL90	GA80572	81.19
2	32C12	32PCS1F	1-1/2	32PCS-24FL90	GA80573	130.19
2	32C12	32PCS1F	2	32PCS-32FL90	GA80575	107.29

"O" Ring Flange-Strait
(Code 61- SAE J518)



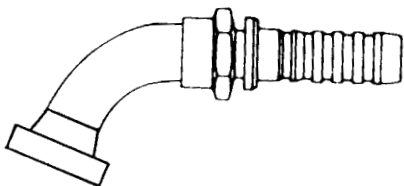
O RING STRAIGHT FLANGE FOR C12 HOSE					ORDER INFORMATION	
HOSE ID (in.)	HOSE NUMBER	FERRULE	FLANGE SIZE	REFERENCE	STOCK NUMBER	PRICE
3/4	12C12	12GS1F4	3/4	12GS-12FL	GA87120	23.75
3/4	12C12	12GS1F4	1	12GS-16FL	GA87121	28.49
1	16C12	16GS1F4	1	16GS-16FL	GA87123	23.47
1	16C12	16GS1F4	1-1/4	16GS-20FL	GA87124	32.88
1-1/4	20C12	20GS1F4	1-1/4	20GS-20FL	GA87127	31.70
1-1/4	20C12	20GS1F4	1-1/2	20GS-24FL	GA87128	46.55
1-1/2	24C12	24PCS1F	1-1/2	24PCS-24FL	GA80475	46.57
1-1/2	24C12	24PCS1F	2	24PCS-32FL	GA80480	54.77
2	32C12	32PCS1F	2	32PCS-32FL	GA80490	75.00

"O" Ring Flange- 22-1/2°
(Code 61- SAE J518)



O RING FLANGE 22-1/2° FOR C12 HOSE					ORDER INFORMATION	
HOSE ID (in.)	HOSE NUMBER	FERRULE	FLANGE SIZE	REFERENCE	STOCK NUMBER	PRICE
1	16C12	16GS1F4	1	16GS-16FL22	GA87132	53.87
1-1/4	20C12	20GS1F4	1-1/4	20GS-20FL22	GA87134	69.72
1-1/2	24C12	24PCS1F	1-1/2	24PCS-24FL22	GA80510	86.96

"O" Ring Flange- 45°
(Code 61- SAE J518)



O RING 45° FLANGE FOR C12 HOSE					ORDER INFORMATION	
HOSE ID (in.)	HOSE NUMBER	FERRULE	FLANGE SIZE	REFERENCE	STOCK NUMBER	PRICE
3/4	12C12	12GS1F4	3/4	12GS-12FL45M	GA87141	35.69
1	16C12	16GS1F4	1	16GS-16FL45M	GA87142	39.75
1-1/4	20C12	20GS1F4	1-1/4	20GS-20FL45S	GA87136	56.47
1-1/4	20C12	20GS1F4	1-1/2	20GS-24FL45S	GA87138	60.68
1-1/2	24C12	24PCS1F	1-1/2	24PCS-24FL45	GA80540	64.28
2	32C12	32PCS1F	2	32PCS-32FL45	GA80545	108.87

GRAND RAPIDS

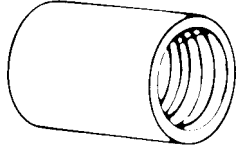
TOLL FREE 1-800-968-0188
PHONE: (616) 949-8844
FAX: (616) 949-6598

KALKASKA

TOLL FREE 1-800-355-4338
PHONE: (616) 258-4338
FAX: (616) 258-2696

FERRULES FOR C12/G3K HOSE

HYDRAULICS



PCS FERRULES FOR C12 HOSE

FERRULES FOR C12 HOSE			ORDER INFORMATION	
HOSE ID	HOSE NUMBER	REFERENCE	STOCK NUMBER	PRICE
3/4	12C12	12GS1F-4	GA87203	8.89
1	16C12	16GS1F-4	GA87204	12.23
1-1/4	20C12	20GS1F-4	GA87205	19.64
1-1/2	24C12	24PCS1F	GA80315	30.35
2	32C12	32PCS1F	GA80320	50.24

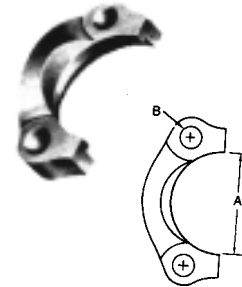
FLANGE HALF SETS FOR C12 HOSE

HYDRAULICS



Each complete code 61 flange set includes:

- 4 Bolts
- 4 Lock washers
- 1 O-ring
- 2 Flanges(left and right halves)



Flange Half Sets
(Code 61 - SAE J518)

O RING FLANGE SETS FOR CODE 61			ORDER INFORMATION	
FLANGE SIZE (in.)	DIAMETER "A"	REFERENCE	STOCK NUMBER	PRICE
3/4	1.875	12SFO	AF00105	6.62
1	2.062	16SFO	AF00110	7.30
1-1/4	2.312	20SFO	AF00115	8.88
1-1/2	2.750	24SFO	AF00120	11.79
2	3.062	32SFO	AF00125	12.91

HOSE ASSEMBLIES

HYDRAULICS

CERTIFIED HOSE ASSEMBLIES

ASSEMBLED AND TESTED THROUGH 10,000 P.S.I

TO YOUR SPECIFICATION,
OR

CUSTOM DESIGNED
BY OUR EXPERT ENGINEERING STAFF

AT WHOLESALE PRICING

CALL OUR CUSTOMER SERVICE REPRESENTATIVE
WITH YOUR HOSE ASSEMBLY NEEDS

GRAND RAPIDS

TOLL FREE 1-800-968-0188
PHONE: (616) 949-8844
FAX: (616) 949-6598

KALKASKA

TOLL FREE 1-800-355-4338
PHONE: (616) 258-4338
FAX: (616) 258-2696

EXTREME HIGH PRESSURE HOSE

HYDRAULICS



G5K

5000 PSI (WORKING PRESSURE)

- Exceeds SAE 100R13 SPECS
- 4 SPIRAL WIRE BRAID
- 20,000 P.S.I. BURST

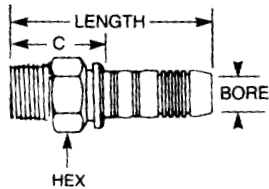


C13 SAE 100 R13 5000 PSI 4 SPIRAL HOSE						ORDER INFORMATION	
HOSE ID (in.)	WORKING PRESSURE (PSI)	BURST RADIUS	BEND RADIUS (in.)	FERRULE	REFERENCE	STOCK NUMBER	PRICE (per foot)
3/4	5,000 PSI	20,000	9.5	12 GS1F4	12G5K	GB00827	28.85
1	5,000 PSI	20,000	12.0	16 GS1F4	16G5K	GB00828	48.69
1-1/4	5,000 PSI	20,000	16.5	20GS1F6	20G5K	GB00829	69.01
1-1/2	5,000 PSI	20,000	20.0	24 PCM-2F	24G5K	GB00830	80.30
2	5,000 PSI	20,000	25.0	32 PCM-2F	32G5K	GB00831	104.51

COUPLINGS FOR G5K EXTREME HIGH PRESSURE HOSES

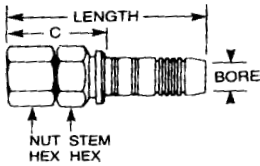
HYDRAULICS

NPTF SOLID MALE



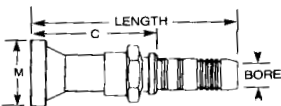
NPTF SOLID MALE							ORDER INFORMATION	
HOSE ID (in.)	THREAD SIZE	BORE (in.)	STEM HEX (in.)	LENGTH (in.)	"C" Cut-Off (in.)	REFERENCE	STOCK NUMBER	PRICE
3/4"	3/4-14	.59	1-1/8	3.61	1.54	12GS-12MP	GA87005	6.46
1"	1-11-1/2	.83	1-3/8	4.17	1.95	16GS-16MP	GA87008	11.90
1-1/2"	1-1/2-11-1/2	1.23	2	5.76	2.23	24PCM-24MP	GA80255	36.67
2"	2-11-1/2	1.63	2-1/2	6.21	2.38	32PCM-32MP	GA80260	54.81

Female JIC (37° Flare) Swivel



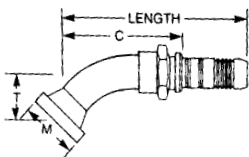
FEMALE JIC (37° FLARE)								ORDER INFORMATION	
HOSE ID (in.)	THREAD SIZE	BORE (in.)	NUT HEX (in.)	STEM HEX (in.)	LENGTH (in.)	"C" Cut-Off (in.)	REFERENCE	STOCK NUMBER	PRICE
3/4"	1-1/16-12	.59	1-1/4	1-1/8	3.83	1.77	12GS-12FJX	GA87040	10.24
1"	1-5/16-12	.83	1-1/2	1-3/8	4.15	1.93	16GS-16FJX	GA87045	15.94
1-1/4"	1-5/8-12	1.06	2	1-13/16	5.24	2.49	20GS-20FJX	GA87048	36.39
1-1/2"	1-7/8-12	1.23	2-3/8	2	6.24	2.72	24PCM-24FJX	GA80130	66.78
2"	2-1/2-12	1.63	3	2-1/2	7.00	3.14	32PCM-32FJX	GA80135	82.57

"O" RING FLANGE - STRAIGHT (CODE 62 - SAE J518)



"O" RING FLANGE — STRAIGHT						ORDER INFORMATION	
HOSE ID (in.)	NORM. FLG. SIZE (in.)	"M" FLG. DIA. (in.)	LENGTH (in.)	"C" Cut-Off (in.)	REFERENCE	STOCK NUMBER	PRICE
1"	1"	1.88	5.10	2.88	16GS-16FL	GA87123	23.47
1-1/4"	1-1/4"	2.13	5.75	3.00	20GS-20FL	GA87127	31.70
1-1/2"	1-1/2"	2.50	7.15	3.65	24PCM-24FLH	GA80150	57.11
2"	2"	3.13	8.00	4.17	32PCM-32FLH	GA80155	81.61

"O" RING FLANGE - 45° (CODE 62 - SAE J518)



"O RING" FLANGE 45°						ORDER INFORMATION		
HOSE ID (in.)	NORM. FLG. SIZE (in.)	"M" FLG. DIA. (in.)	"T" DROP (in.)	LENGTH (in.)	"C" Cut-Off (in.)	REFERENCE	STOCK NUMBER	PRICE
3/4"	3/4"	1.63	1.12	5.59	3.52	12GS-12FLH45M	GA87178	46.50
1"	1"	1.88	1.19	5.63	3.41	16GS-16FLH45M	GA87180	47.46
1-1/4"	1-1/4"	2.13	1.41	6.84	4.09	20GS-20FLH45M	GA87182	96.08
1-1/2"	1-1/2"	2.50	1.77	8.52	5.00	24PCM-24FLH45	GA80200	86.54
2"	2"	3.13	2.51	9.96	6.14	32PCM-32FLH45	GA80205	115.54

GRAND RAPIDS

TOLL FREE 1-800-968-0188
PHONE: (616) 949-8844
FAX: (616) 949-6598

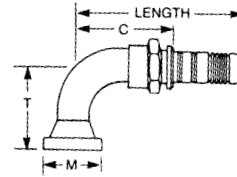
KALKASKA

TOLL FREE 1-800-355-4338
PHONE: (616) 258-4338
FAX: (616) 258-2696

COUPLINGS FOR G5K EXTREME HIGH PRESSURE HOSE

HYDRAULICS

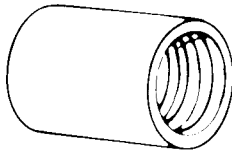
"O" RING FLANGE - 90°
(CODE 62 - SAE J518)



"O" RING FLANGE - 90°							ORDER INFORMATION	
HOSE ID (in.)	NORM. FLG. SIZE (in.)	"M" FLG. DIA. (in.)	"T" DROP (in.)	LENGTH (in.)	"C" Cut-Off (in.)	REFERENCE	STOCK NUMBER	PRICE
1	1	1.88	2.60	5.22	3.00	16GS16FLH90M	GA87192	46.95
1-1/4	1-1/4	2.13	3.00	6.39	3.64	20GS20FLH90M	GA87197	71.95
1-1/2	1-1/2	2.50	3.68	7.84	4.31	24PCM-24FLH90M	GA80235	115.81
2	2	3.13	5.12	9.07	5.24	32PCM-32FLH90M	GA80240	117.58

USE WITH GATES

GS STEMS UP TO 1 1/4"
PCM STEMS 1 1/2"-2"



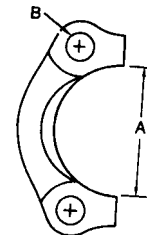
PCM FERRULES FOR G5K HOSE			ORDER INFORMATION	
HOSE ID (in.)	HOSE NUMBER	REFERENCE	STOCK NUMBER	PRICE
3/4"	12C13	12GS1F-4	GA87203	8.89
1"	16C13	16GS1F-4	GA87204	12.23
1-1/4"	20C13	20GS1F-6	GA87206	21.78
1-1/2"	24C13	24PCM-2F	GA80110	34.23
2"	32C13	32PCM-2F	GA80115	64.97

"O" RING FLANGE FITTINGS

HYDRAULICS



FLANGE HALF SETS
(CODE 62 - SAE J518)



"O" RING FLANGE FITTINGS											ORDER INFORMATION		
FLANGE SIZE	FLANGE HALVES			"O" RING			BOLT (GRADE 5 MIN.)		LOCK WASHER		REFERENCE	STOCK NUMBER	PRICE
	NORM. FLG. "B" (in.)	SIZE (in.)	QTY.	I.D. (in.)	WALL (in.)	QTY.	SIZE	QTY.	SIZE	QTY.			
3/4	.406	3/4	2	1	1/8	1	3/8-16X1-1/2	4	3/8	4	12SFXO	AF00255	11.97
1	.469	1	2	1-5/16	1/8	1	7/16-14X3/4	4	7/16	4	16SFXO	AF00260	15.97
1 1/4	.531	1-1/4	2	1-1/2	1/8	1	1/2-13X1-3/4	4	1/2	4	20SFXO	AF00265	20.62
1 1/2	.656	1-1/2	2	1-7/8	1/8	1	5/8-11X2-1/4	4	5/8	4	24SFXO	AF00270	27.20
2	.781	2	2	2-1/4	1/8	1	3/4-10X2-3/4	4	3/4	4	32SFXO	AF00275	46.95

GRAND RAPIDS
TOLL FREE 1-800-968-0188
PHONE: (616) 949-8844
FAX: (616) 949-6598

KALKASKA
TOLL FREE 1-800-355-4338
PHONE: (616) 258-4338
FAX: (616) 258-2696

RETURN AND SUCTION HOSE (LARGE DIAMETER)

HYDRAULICS

LARGE DIAMETER RETURN AND SUCTION HOSE



GENERAL INFORMATION AND APPLICATION

- Recommended for petroleum and water base hydraulic fluids in suction lines or in low pressure return lines.
- 50 to 350 PSI working pressure.
- Meets or exceeds SAE 100R4.
- Braided fiber reinforcement with spiral wire to prevent collapsing.
- Available in 3/4" through 4" I.D.

RETURN AND SUCTION HOSE						ORDER INFORMATION	
HOSE ID (in.)	HOSE OD (in.)	WORKING PRESSURE (PSI)	MIN. BURST PRESSURE (PSI)	MIN. BEND RADIUS	REFERENCE	STOCK NUMBER	PRICE (per foot)
3/4	1.22	350	1,400	2.5	12GMV	GB01330	8.85
1	1.45	300	1,200	3	16GMV	GB01331	11.86
1-1/4	1.76	250	1,000	4	20GMV	GB01332	15.65
1-1/2	2.01	162	650	5	24GMV	GB01333	25.26
2	2.51	112	450	6	32GMV	GB01334	26.48
2-1/2	3.02	68	275	7	40GMV	GB01336	37.40

COUPLINGS FOR RETURN AND SUCTION LINE HOSE

HYDRAULICS

NPTF SOLID MALE SPECIFICATIONS

NPTF SOLID MALE							ORDER INFORMATION	
HOSE ID (in.)	THREAD SIZE	HEX SIZE (in.)	BORE SIZE (in.)	COUPLING LENGTH (in.)	"C" Cut-Off (in.)	REFERENCE	STOCK NUMBER	PRICE
3/4	3/4-14	1-1/16	.62	2.56	1.31	12G-12MP	GA82045	10.46
1	1-11-1/2	1-3/8	.81	2.94	1.63	16G-16MP	GA82065	20.29
1-1/4	1-1/4-11-1/2	1-3/4	1.06	3.54	1.72	20G-20MP	GA82070	41.81
1-1/2	1-1/2-11-1/2	2	1.25	3.71	1.82	24-24MP	GA01458	33.41
2	2-11-1/2	2-1/2	1.69	4.34	1.96	32-32MP	GA01460	56.13

FEMALE JIC (37 DEGREE FLARE) FEMALE SWIVEL

FEMALE JIC (37° FLARE) FEMALE SWIVEL							ORDER INFORMATION	
HOSE ID (in.)	THREAD SIZE	HEX SIZE (in.)	BORE SIZE (in.)	COUPLING LENGTH (in.)	"C" Cut-Off (in.)	REFERENCE	STOCK NUMBER	PRICE
1-1/4	1-1/2-12	2	1.06	3.67	1.85	20G-20FJX	GA85093	53.55
1-1/2	1-7/8-12	2-1/4	1.24	3.98	2.09	24-24FJX	GA00860	39.91

GRAND RAPIDS

TOLL FREE 1-800-968-0188
PHONE: (616) 949-8844
FAX: (616) 949-6598

KALKASKA

TOLL FREE 1-800-355-4338
PHONE: (616) 258-4338
FAX: (616) 258-2696

SWIVEL ADAPTERS

HYDRAULICS



NPTF SOLID MALE TO
NPSM SWIVEL FEMALE
STRAIGHT



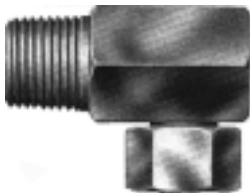
SWIVEL MALE (NPTF SOLID MALE TO NPSM SWIVEL FEMALE)			ORDER INFORMATION	
FIRST THREAD SIZE	SECOND THREAD SIZE	REFERENCE	STOCK NUMBER	PRICE
1/8-27	1/8-27	3A01-02A02	SL00300	2.04
1/8-27	1/4-18	3A01-02A04	SL00305	3.75
1/4-18	1/4-18	3A01-04A04	SL00310	2.83
1/4-18	3/8-18	3A01-04A06	SL00315	3.79
3/8-18	1/4-18	3A01-06A04	SL00330	4.03
3/8-18	3/8-18	3A01-06A06	SL00335	3.71
3/8-18	1/2-14	3A01-06A08	SL00340	4.92
1/2-14	3/8-18	3A01-08A06	SL00345	4.99
1/2-14	1/2-14	3A01-08A08	SL00350	4.79
1/2-14	3/4-14	3A01-08A12	SL00355	8.20
3/4-14	1/2-14	3A01-12A08	SL00370	9.91
3/4-14	3/4-14	3A01-12A12	SL00375	8.16
1-11-1/2	3/4-14	16MP-12FPX	GA03395	10.71
1-11-1/2	1-11-1/2	3A01-16A16	SL00400	9.73
1-1/4-11-1/2	1-1/4-11-1/2	20MP-20FPX	GA03420	13.54
1-1/2-11-1/2	1-1/2-11-1/2	24MP-24FPX	GA03435	23.45

SWIVEL ADAPTERS

HYDRAULICS



NPTF SOLID MALE TO
NPSM SWIVEL FEMALE
90 DEGREE ELBOW



90° ELBOW SWIVEL (NPTF SOLID MALE TO NPSM SWIVEL FEMALE)			ORDER INFORMATION	
FIRST THREAD SIZE	SECOND THREAD SIZE	REFERENCE	STOCK NUMBER	PRICE
1/8-27	1/8-27	3A03-02A02	SL00600	5.12
1/4-18	1/4-18	3A03-04A04	SL00615	4.33
1/4-18	3/8-18	4MP-6FPX90	GA03620	6.68
3/8-18	1/4-18	3A03-06A04	SL00625	6.00
3/8-18	3/8-18	3A03-06A06	SL00630	5.79
3/8-18	1/2-14	3A03-06A08	SL00635	9.66
1/2-14	3/8-18	3A03-08A06	SL00640	8.08
1/2-14	1/2-14	3A03-08A08	SL00645	8.16
1/2-14	3/4-14	8MP-12FPX90	GA03650	10.82
3/4-14	1/2-14	12MP-8FPX90	GA03670	13.55
3/4-14	3/4-14	3A03-12A12	SL00675	13.57
1-11-1/2	3/4-14	16MP-12FPX90	GA03685	18.94
1-11-1/2	1-11-1/2	16MP-16FPX90	GA03690	17.64
1-1/4-11-1/2	1-1/4-11-1/2	20MP-20FPX90	GA03710	35.84
1-1/2-11-1/2	1-1/2-11-1/2	24MP-24FPX90	GA03725	57.93

GRAND RAPIDS
TOLL FREE 1-800-968-0188
PHONE: (616) 949-8844
FAX: (616) 949-6598

KALKASKA
TOLL FREE 1-800-355-4338
PHONE: (616) 258-4338
FAX: (616) 258-2696