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2/19/24

HYDRAULIC CRIMP & REUSABLE ENDS

Reference Catalog

The Most Comprehensive Crimp Fitting selection Available from one Supplier!

We have a Crimp Ends to Interchange with **Weatherhead** 757E, E, 069E, U , Z, 430U & 470SP series.,

Parker 43series, 71series, 78series., **Aeroquip** FJ, 1AA(TTC), **Dayco-Parker** HY, BW & JJ., **Gates** Full line M.Dist

Cross Reference with Weatherhead, Parker, Aeroquip, Dayco-Parker & Gates

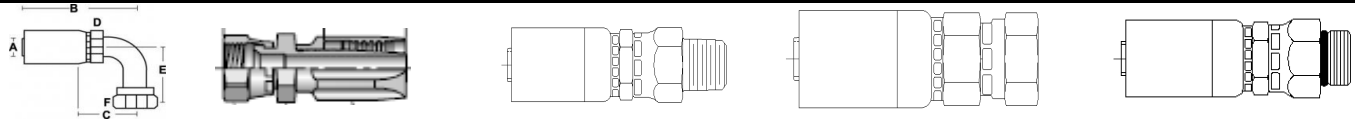
We have Crimp ends to Cover the following SAE Hose Spec's. 100R1, 100R2, 100R3, 100R4, 100R5, 100R6, 100R7, 100R8, 100R12, 100R13, 100R14, 100R15 & DIN 2SN, 2SK & 4SH and many Industrial Hoses to include some sizes of Steam hose

Over 70% of these crimp ends are Made in the USA.

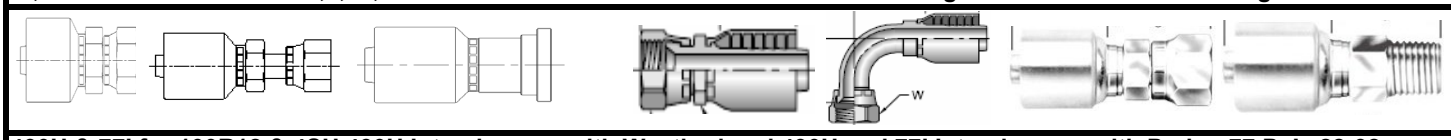
NOTE! Though there are slight differences in our Fittings and the Interchange, they have been tested and are backed by a $2,000,000.00 Mfg's warranty if installed & crimped properly no matter who's Crimper!

Air Conditioning Crimp Ends, No Shell Crimp Ends for 100R4 & Industrial Hose, 100R14 Crimp Ends Pg's 2-6

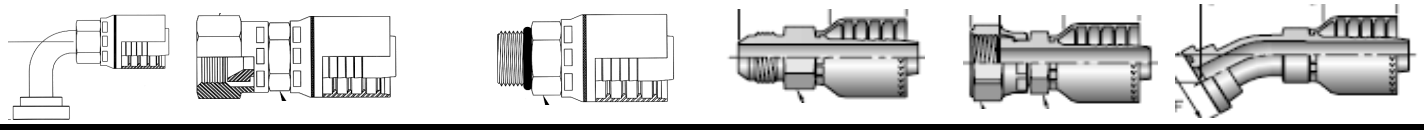
R5 Crimp Ends, R5 Reusable ends, Versitle Y style end for 100R1,2,4,5,7,8,16,17 & Industrial Hose = WH U series Pg's 6-14



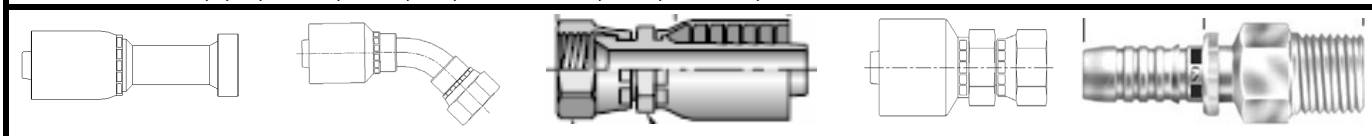
W, 43I & Gates G for 100R1,2,16,17 W also handles 100R12 & 4SH W/43I Interchange w/Parker 43 & Aero 1A Pg's 14-27



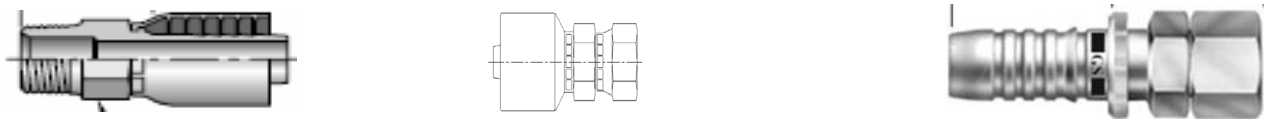
430U & 77I for 100R12 & 4SH 430U Interchanges with Weatherhead 430U and 77I Interchanges with Parker 77 Pg's 28-32



Gates GS sizes 6,8,12,16&20, WHP, 78I, 470 100R12, 4SH, 100R13, 100R15 78I Interch. w/Parker 78. 470 w/WH 470E 33-38

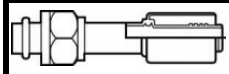


78I, 470 & Gates GS/PCM 20-32 4SH, 100R13 &100R15 78I Interchanges w/Parker 78. 470 w/Wh 470E 37-40



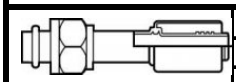
AIR CONDITIONING CRIMP ENDS

4626 Kettle Lane RR 3 Petrolia Ont N0N 1R0



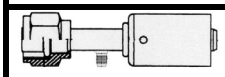
PART #	PART# HB x Thread
	6ACA-5FTON
	6ACA-6FTON
	6ACA-8FTON
	8ACA-8FTON
	10ACA-10FTON
	12ACA-10FTON
	12ACA-12FTON

STRAIGHT FEMALE "O" RING SWIVEL Steelbody



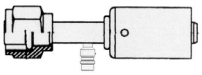
PART #	PART# HB x Thread
	6ACA-6FTON-S
	8ACA-8FTON-S
	10ACA-10FTON-S

FEMALE O-RING SWIVEL W/R-12 Service Port



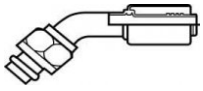
PART #	PART# HB x Thread
	6ACA-6FTONR12SP
	8ACA-8FTONR12SP

FEMALE O-RING SWIVEL W/R-134A Service Port



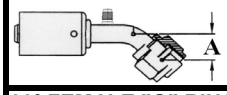
PART #	PART# HB x Thread
	6ACA-6FTON134SP
	8ACA-8FTON134SP
	10ACA-10FTON134SP
	12ACA-10FTON134SP

45º FEMALE O-RING SWIVEL ALUM BODY STEEL NUT



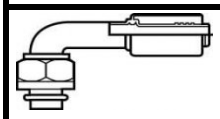
PART #	PART# HB x Thread
	6ACA-6FTON45
	8ACA-8FTON45
	10ACA-10FTON45
	12ACA-12FTON45

45º FEMALE O-RING SWIVEL STEEL BODY



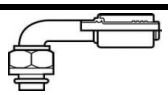
PART #	PART# HB x Thread
	6ACA-6FTON45-S
	8ACA-8FTON45-S
	10ACA-10FTON45-S

90º FEMALE "O" RING SWIVEL ALUM BODY STEEL NUT



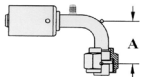
PART #	PART# HB x Thread
	6ACA-5FTON90
	6ACA-6FTON90
	6ACA-8FTON90
	8ACA-8FTON90
	10ACA-10FTON90
	12ACA-10FTON90
	12ACA-12FTON90

90º FEMALE "O" RING SWIVEL STEEL BODY



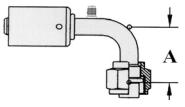
PART #	PART# HB x Thread
	6ACA-6FTON90-S
	8ACA-8FTON90-S
	10ACA-10FTON90-S

90º FEMALE O-RING SWIVEL W/R-12 Service Port



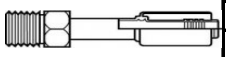
PART #	PART# HB x Thread
	6ACA-6FTONR12SP90
	8ACA-8FTONR12SP90
	10ACA-10FTONT12SP90

90ºFEMALE O-RING SWIVEL W/R-134A Service Port



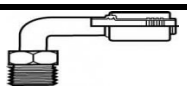
PART #	PART# HB x Thread
	6ACA-6FTON134SP90
	8ACA-8FTON134SP90
	10ACA-10FTON134SP90
	12ACA-10FTON134SP90

STRAIGHT MALE INSERT "O" RING



PART #	PART# HB x Thread
	6ACA-6MIO
	8ACA-8MIO
	10ACA-10MIO
	12ACA-12MIO

90º STRAIGHT MALE INSERT "O" RING

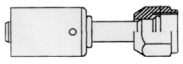


PART #	PART# HB x Thread
	6ACA-6MIO90
	8ACA-8MIO90
	10ACA-10MIO90
	12ACA-12MIO90

45º STRAIGHT MALE INSERT "O" RING

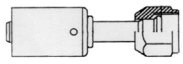
PART #	PART# HB x Thread
	6ACA-6MIO45
	8ACA-8MIO45
	10ACA-10MIO45
	12ACA-12MIO45

SAE 45º Female Flare ALUM BODY STEEL NUT



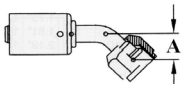
PART #	PART# HB x Thread
	6ACA-6FSX
	6ACA-8FSX
	8ACA-8FSX
	10ACA-8FSX
	10ACA-10FSX
	12ACA-10FSX
	12ACA-12FSX

SAE 45º Female Flare STEEL BODY STEEL NUT



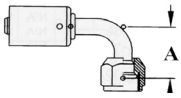
PART #	PART# HB x Thread
	6ACA-6FSX-S
	8ACA-8FSX-S
	10ACA-10FSX-S

SAE 45º Female Flare 45 ALUM BODY STEEL NUT



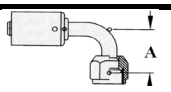
PART #	PART# HB x Thread
	6ACA-6FSX45
	8ACA-8FSX45
	10ACA-10FSX45

SAE 45 Female Flare 90 ALUM BODY STEEL NUT



PART #	PART# HB x Thread
	6ACA-6FSX90
	6ACA-8FSX90
	8ACA-8FSX90
	10ACA-10FSX90
	12ACA-10FSX90
	12ACA-12FSX90

SAE 45 Female Flare 90 STEEL BODY STEEL NUT

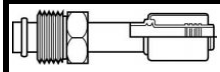


PART #	PART# HB x Thread
	6ACA-6FSX90-S
	8ACA-8FSX90-S
	10ACA-10FSX90-S

USA TUBING COMPRESSION FITTING

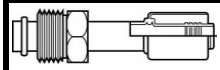
PART #	PART# HB x Thread
	6ACA-6MFA
	6ACA-8MFA
	8ACA-6MFA
	8ACA-8MFA
	8ACA-10MFA
	10ACA-8MFA
	10ACA-10MFA
	12ACA-10MFA
	12ACA-12MFA

MALE "O" RING SWIVEL ALUM BODY STEEL NUT



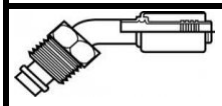
PART #	PART# HB x Thread		
	6ACA-6MTON		
	8ACA-8MTON		
	10ACA-10MTON		
	12ACA-10MTON		
	12ACA-12MTON		

MALE "O" RING SWIVEL ALUM BODY STEEL NUT



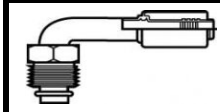
PART #	PART# HB x Thread		
	6ACA-6MTON-S		
	8ACA-8MTON-S		
	10ACA-10MTON-S		

45º MALE "O" RING SWIVEL ALUM BODY STEEL NUT



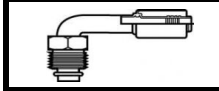
PART #	PART# HB x Thread		
	6ACA-6MTON45		
	8ACA-8MTON45		
	10ACA-10MTON45		
	12ACA-12MTON45		

90º MALE "O" RING SWIVEL ALUM BODY STEEL NUT



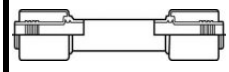
PART #	PART# HB x Thread		
	6ACA-6MTON90		
	8ACA-8MTON90		
	10ACA-10MTON90		
	12ACA-12MTON90		

90º MALE "O" RING SWIVEL STEEL BODY STEEL NUT



PART #	PART# HB x Thread		
	6ACA-6MTON90S		
	8ACA-8MTON90S		
	10ACA-10MTON90S		

STRAIGHT SPLICER

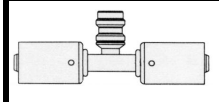


PART #	PART# HB x HB		
	6ACA-6HLE		
	6ACA-8HLE		
	8ACA-8HLE		
	8ACA-10HLE		
	10ACA-10HLE		
	12ACA-12HLE		

90 SPLICER

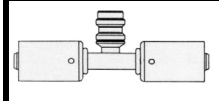
PART #	PART# HB x Thread		
	6ACA-6HLE90		
	8ACA-8HLE90		
	10ACA-10HLE90		

STRAIGHT SPLICER W/R12 Service Port



PART #	PART# HB x Thread		
	6ACA-R12SP		
	8ACA-R12SP		
	10ACA-R12SP		
	12ACA-R12SP		

STRAIGHT SPLICER W/R134A Service Port

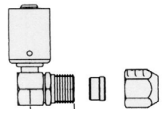


PART #	PART# HB x Thread		
	6ACA-R134SP		
	8ACA-R134SP		
	10ACA-R134SP		
	12ACA-R134SP		

Crimp Chart for BH Air Conditioning/Refrigerant Hose

HOSE STYLE/SIZE	Coupling Style	Crimp Dia.	
BH-06	ACA	0.684	
BH-08	ACA	0.785	
BH-10	ACA	0.905	
BH-12	ACA	1.050	

USA TUBING COMPRESSION FITTING 90

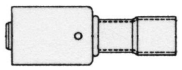


PART #	PART# HB x Thread		
	6ACA-6MFA90		
	8ACA-8MFA90		
	8ACA-10MFA90		
	10ACA-10MFA90		

METRIC TUBING COMPRESSION FITTING

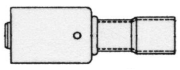
PART #	PART# HB x Thread		
	6ACA-8MMFA		
	8ACA-12MMFA		
	10ACA-14.5MMFA		

BRAZE ON FOR BEADLOCK SYSTEM ALUMINUM



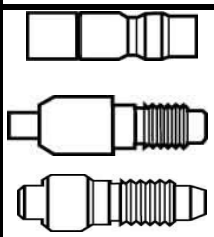
PART #	PART# HB x Thread		
	6ACA-6FBO		
	8ACA-8FBO		
	10ACA-10FBO		
	12ACA-10FBO		
	12ACA-12FBO		

BRAZE ON FOR BEADLOCK SYSTEM STEEL



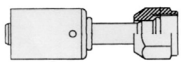
PART #	PART# HB x Thread		
	6ACA-6FBO-S		
	8ACA-8FBO-S		
	10ACA-10FBO-S		
	12ACA-10FBO-S		
	12ACA-12FBO-S		

BRAZE IN SERVICE PORTS



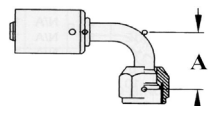
PART #	PART# HB x Thread		
	ACP349		
	ACP350		
	ACP348		
	ACPM12A		
	ACP351		
	ACP352		

Female Metric



PART #	PART# HB x Thread		
	6ACA-16FTOMN		
	10ACA-22FTOMN		
	10ACA-24FTOMN		
	12ACA-27FTOMN		

Female Metric

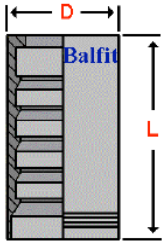
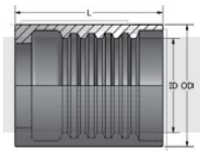
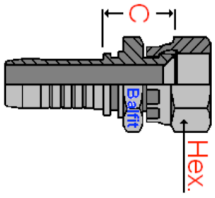
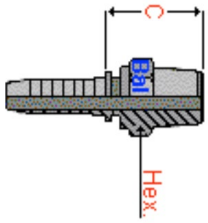
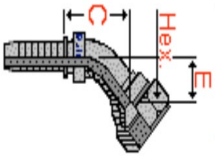
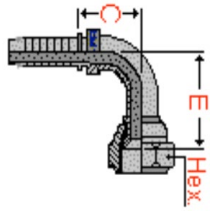
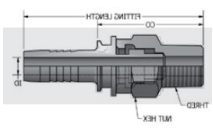


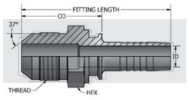
PART #	PART# HB x Thread		
	6ACA-16FTOMN90		
	10ACA-22FTOMN90		
	10ACA-24FTOMN90		
	12ACA-27FTOMN90		

AC FERRULE

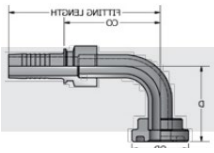
PART #	PART# HB x Thread		
	ACF-06		
	ACF-06-REDUCED		
	ACF-08		
	ACF-08-REDUCED		
	ACF-10		
	ACF-10-REDUCED		
	ACF-12		
	ACF-12-REDUCED		

Crimp Ends W/No Shell for Clamping/Crimping applications on 100R4, R1,R2,R16,R17 & I

Ferrule for 100R1,2,16,17&2SN	PART#	Inside Diameter		Ferrule for 100R4/ /Industrial hose steel	PART#	Inside Diameter	
	FERR-4-1&2W-steel				FERR-12R4		
	FERR-5-1&2W-steel				FERR-16R4		
	FERR-6-1&2W-steel				FERR-20R4		
	FERR-8-1&2W-steel				FERR-24R4		
	FERR-10-1&2W-steel				FERR-32R4		
	FERR-12-1&2W-steel			**Crimp Sleeve Alum**	CR-SLV-		
	FERR-16-1&2W-steel			**For R4/Indust hose.**	CR-SLV-		
	FERR-20-1&2W-steel				CR-SLV-		
	FERR-24-1&2W-steel				CR-SLV-		
	FERR-32-1&2W-steel				CR-SLV-		
	FERR-4-1&2W-alum				CR-SLV-		
	FERR-5-1&2W-alum				CR-SLV-		
	FERR-6-1&2W-alum				CR-SLV-		
	FERR-8-1&2W-alum				CR-SLV-		
	FERR-10-1&2W-alum				CR-SLV-		
	FERR-12-1&2W-alum				CR-SLV-		
	FERR-16-1&2W-alum				CR-SLV-		
FEMALE JIC SWIVEL	FJX-03-04-STEM				CR-SLV-		
	FJX-04-04-STEM				CR-SLV-		
	FJX-04-06-STEM				CR-SLV-		
	FJX-05-04-STEM				CR-SLV-		
	FJX-05-06-STEM				CR-SLV-		
	FJX-06-06-STEM				CR-SLV-		
	FJX-06-08-STEM				CR-SLV-		
	FJX-08-08-STEM				CR-SLV-		
	FJX-08-10-STEM				CR-SLV-		
	FJX-10-10-STEM				CR-SLV-		
	FJX-10-12-STEM				CR-SLV-		
	FJX-12-12-STEM				CR-SLV-		
	FJX-12-16-STEM				CR-SLV-		
	FJX-16-16-STEM				CR-SLV-		
	FJX-16-20-STEM			**MALE PIPE NPTF**	MP-04-02-STEM		
	FJX-20-20-STEM			**RIGID**	MP-04-04-STEM		
	FJX-20-24-W-STEM				MP-04-06-STEM		
	FJX-24-24-W-STEM				MP-06-04-STEM		
	FJX-32-32-W-STEM				MP-06-06-STEM		
					MP-06-08-STEM		
					MP-08-06-STEM		
					MP-08-08-STEM		
					MP-08-12-STEM		
					MP-12-12-STEM		
					MP-16-16-STEM		
					MP-20-20-STEM		
					MP-24-24-STEM		
					MP-32-32-STEM		
				**MALE PIPE NPTF**	MPX-04-02-STEM		
				SWIVEL	MPX-04-04-STEM		
					MPX-04-06-STEM		
					MPX-04-08-STEM		
					MPX-06-04-STEM		
					MPX-06-06-STEM		
					MPX-06-08-STEM		
					MPX-08-06-STEM		
					MPX-08-08-STEM		
					MPX-10-08-STEM		
					MPX-10-12-STEM		
					MPX-12-08-STEM		
					MPX-12-12-STEM		
					MPX-16-16-STEM		
					MPX-20-20-STEM		

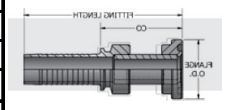


Code 61 flange 90



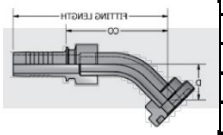
C6190-12-12-STEM			
C6190-12-16-STEM			
C6190-16-16-STEM			
C6190-16-20-STEM			
C6190-16-32-STEM			
C6190-20-20-STEM			
C6190L-20-20-STEM			
C6190-20-24-STEM			
C6190-20-32-STEM			
C6190-24-24-STEM			
C6190L-24-24-STEM			
C6190-24-32-STEM			
C6190-32-32-STEM			
C6190L-32-32-STEM			
C6190-32-40-STEM-R4			
C6190-40-32-STEM-R4			
C6190-40-40-STEM-R4			
C6190-48-48-STEM-R4			
C6190-56-56-STEM-R4			
64GL-64FL90			

Code 61 flange STR



PART# HB x Thread		
C61-12-12-STEM		
C61-12-16-STEM		
C61-16-12-STEM		
C61-16-16-STEM		
C61-16-20-STEM		
C61-16-32-STEM		
C61-20-16-STEM		
C61-20-20-STEM		
C61-20-24-STEM		
C61-24-24-STEM		
C61-24-32-STEM		
C61-32-24-STEM		
C61-32-32-STEM		
C61-40-40-STEM-R4		
C61-48-48-STEM-R4		
C61-48-56-STEM-R4		
C61-56-56-STEM-R4		
64GL-64FL		

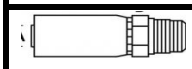
Code 61 flange 45

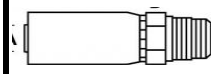


C6145-12-12-STEM		
C6145-12-16-STEM		
C6145-16-16-STEM		
C6145-16-20-STEM		
C6145-16-32-STEM		
C6145-20-16-STEM		
C6145-20-20-STEM		
C6145-20-24-STEM		
C6145-20-32-STEM		
C6145-24-24-STEM		
C6145-24-32-STEM		
C6145-32-24-STEM		
C6145-32-32-STEM		
C6145-40-40-STEM-R4		
C6145-48-48-STEM-R4		
C6145-56-56-STEM-R4		
64GL-64FL45		

SS Braided Teflon hose(100R14)Crimp Ends, 1/3 the price & 1/3 install time of Reusables DOT Approved if used W/DOT approved Hose and Crimped properly!=Weatherhead E

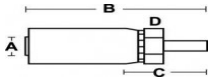
MALE PIPE NPTF





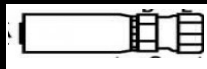
PART# HB x Thread		
MP-03-02-SST	03E-102	
MP-03-04-SST	03E-104	
MP-04-04-SST	04E-104	
MP-05-04-SST	05E-104	
MP-05-06-SST	05E-106	
MP-06-06-SST	06E-106	
MP-06-08-SST	06E-108	
MP-07-06-SST	08E-106	
MP-07-08-SST	08E-106	
MP-08-08-SST	08E-108	
MP-10-08-SST	10E-108	
MP-10-12-SST	10E-112	
MP-12-08-SST	12E-108	
MP-12-12-SST	12E-112	
MP-12-16-SST	12E-116	
MP-16-12-SST	16E-112	
MP-16-16-SST	16E-116	

STAND TUBE



PART# HB x Thread		
MW-04-04-SST	04E-T54	
MW-04-05-SST	04E-T55	
MW-04-06-SST	04E-T56	
MW-06-06-SST	06E-T56	
MW-06-08-SST	06E-T58	
MW-08-08-SST	08E-T58	
MW-08-10-SST	08E-T60	
MW-12-12-SST	12E-T62	
MW-16-16-SST	16E-T66	

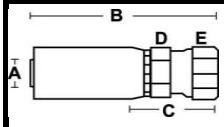
45º SAE FEMALE SWIVEL



PART# HB x Thread		
FSX-06-06-SST	06E-406	
FSX-12-12-SST	12E-413	

37º JIC FEMALE SWIVEL

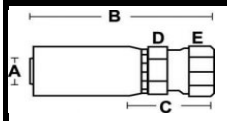
PART# HB x Thread



FJX-03-04-SST	03E-604	
FJX-03-05-SST	03E-604	
FJX-04-04-SST	04E-604	
FJX-04-05-SST	04E-605	
FJX-04-06-SST	04E-606	
FJX-05-04-SST	05E-604	
FJX-05-05-SST	05E-605	
FJX-05-06-SST	05E-606	
FJX-06-06-SST	05E-606	
FJX-06-08-SST	06E-606	
FJX-07-06-SST	08E-606	
FJX-07-08-SST	08E-608	
FJX-08-06-SST	08E-606	
FJX-08-08-SST	08E-608	
FJX-08-10-SST	08E-610	
FJX-10-08-SST	10E-608	
FJX-10-10-SST	10E-610	
FJX-10-12-SST	10E-612	
FJX-12-12-SST	12E-612	
FJX-12-14-SST	12E-614	
FJX-12-16-SST	12E-612	
FJX-16-12-SST	16E-612	
FJX-16-16-SST	16E-616	

O-RING FACE SEAL FEMALE SWIVEL

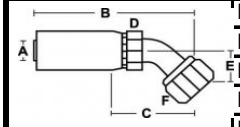
PART# HB x Thread



FFX-04-04-SST	04E-S64	
FFX-04-06-SST	04E-S66	
FFX-06-06-SST	06E-S66	
FFX-06-08-SST	06E-S68	
FFX-08-08-SST	08E-S68	
FFX-08-10-SST	08E-S70	
FFX-08-12-SST	08E-S72	
FFX-10-10-SST	10E-S70	
FFX-10-12-SST	10E-S72	
FFX-12-12-SST	12E-S72	
FFX-16-16-SST	16E-S76	

O-RING FACE SEAL F.45º TUBE SWIVEL

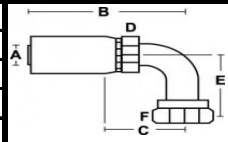
PART# HB x Thread



FFX45-04-04-SST	04E-L64	
FFX45-04-06-SST	04E-L66	
FFX45-06-06-SST	06E-L66	
FFX45-06-08-SST	06E-L68	
FFX45-08-08-SST	08E-L68	
FFX45-08-10-SST	08E-L70	
FFX45-10-10-SST	10E-L70	
FFX45-10-12-SST	10E-L72	
FFX45-12-12-SST	12E-L72	
FFX45-16-16-SST	12E-L76	

37º JIC FEMALE 90º TUBE SWIVEL

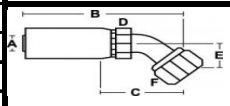
PART# HB x Thread



FJX90-03-04-SST	03E-664	
FJX90-04-04-SST	04E-664	
FJX90-04-05-SST	04E-665	
FJX90-04-06-SST	04E-666	
FJX90-05-04-SST	05E-664	
FJX90-05-06-SST	05E-666	
FJX90-06-04-SST	06E-664	
FJX90-06-06-SST	06E-666	
FJX90-07-06-SST	08E-666	
FJX90-07-08-SST	08E-668	
FJX90-08-08-SST	10E-668	
FJX90-08-10-SST	10E-670	
FJX90-10-10-SST	10E-670	
FJX90-10-12-SST	10E-672	
FJX90-12-12-SST	12E-672	
FJX90-16-16-SST	16E-676	

37º JIC FEMALE 45º TUBE SWIVEL

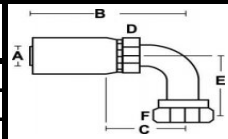
PART# HB x Thread



FJX45-03-04-SST	E-684	
FJX45-04-04-SST	E-684	
FJX45-04-05-SST	E-685	
FJX45-04-06-SST	E-686	
FJX45-05-04-SST	E-684	
FJX45-05-06-SST	E-686	
FJX45-06-04-SST	E-684	
FJX45-06-06-SST	E-686	
FJX45-07-06-SST	E-686	
FJX45-07-08-SST	E-688	
FJX45-08-08-SST	E-688	
FJX45-08-10-SST	E-690	
FJX45-10-10-SST	E-690	
FJX45-10-12-SST	E-692	
FJX45-12-12-SST	E-692	
FJX45-16-16-SST	E-696	

O-RING FACE SEAL FEMALE 90 TUBE SWIVEL

PART# HB x Thread



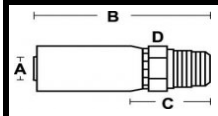
FFX90-04-04-SST	04E-A24	
FFX90-04-06-SST	04E-A26	
FFX90-06-06-SST	06E-A26	
FFX90-06-08-SST	06E-A28	
FFX90-08-08-SST	08E-A28	
FFX90-08-10-SST	08E-A30	
FFX90-10-10-SST	10E-A30	
FFX90-10-12-SST	10E-A32	
FFX90-12-12-SST	12E-A32	
FFX90-16-16-SST	12E-A32	

Crimp Chart for 100R14 SS Braided Teflon Tube Hose. Specs are for Flat Dies not bubble

HOSE STYLE/SIZE	Coupling Style	Crimp Dia.	Skive Lgth	Die Position	_____DIE	Spacer Ring	Setting
100R14-04-3/16	03-SST	in test	$0.00	Crimp to Line			
100R14-05-1/4	04-SST	0.470	$0.00	Crimp to Line			
100R14-06-5/16	05-SST	0.546	$0.00	Crimp to Line			
100R14-06T-3/8	06-SST	0.580	$0.00	Crimp to Line			
100R14-08-13/32	07-SST	0.650	$0.00	Crimp to Line			
100R14-10-1/2	08-SST	0.715	$0.00	Crimp to Line			
100R14-12-5/8	10-SST	0.865	$0.00	Crimp to Line			
100R14-12T-3/4	12-SST	1.015	$0.00	Crimp to Line			
100R14-16-7/8"			$0.00	Crimp to Line			
100R14-16T-1"	16-SST	1.27	$0.00	Crimp to Line			

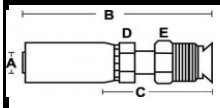
Crimp Ends for 100R5 T2 hose, 1/2 the price & 1/3 install time of Reusables
DOT Approved if used W/DOT approved Hose & Crimped properly! =Weatherhead 069E

MALE PIPE NPTF



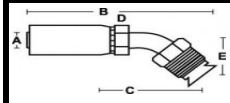
PART #	PART# HB x Thread		DLR NET
	MP-03-02R5	06904E-102	
	MP-03-04R5	06904E-104	
	MP-04-04Y-R5	06905E-104	
	MP-05-04R5	06906E-104	
	MP-05-06R5	06906E-106	
	MP-07-06R5	06908E-106	
	MP-07-08R5	06908E-108	
	MP-08-06Y-R5	06910E-106	
	MP-08-08Y-R5	06910E-108	
	MP-10-08-R5	06912E-108	
	MP-10-12-R5	06912E-112	
	MP-14-12R5	06916E-112	
	MP-14-16R5	06916E-116	
	MP-18-20R5	06920E-120	
	MP-22-24R5	06924E-124	
	MP-29-32R5	06932E-132	

45º SAE MALE INVERTED FLARE



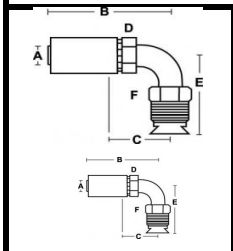
PART #	PART# HB x Thread		
	MIX-03-04-R5	06905E-B04	
	MIX-04-03Y-R5	06905E-B03	
	MIX-04-04Y-R5	06905E-B04	
	MIX-04-05Y-R5	06905E-B05	
	MIX-04-06Y-R5	06905E-B06	
	MIX-05-05-R5	06906E-B05	
	MIX-05-06-R5	06906E-B06	
	MIX-07-08R5	06908E-B08	
	MIX-08-08Y-R5	06910E-B10	

45º SAE MALE INVERTED FLARE 45



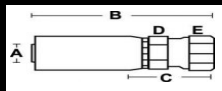
PART #	PART# HB x Thread		
	MIX45-03-04-R5	06905E-E44	
	MIX45-04-03Y-R5	06905E-E43	
	MIX45-04-04Y-R5	06905E-E44	
	MIX45-04-05Y-R5	06905E-E45	
	MIX45-04-06Y-R5	06905E-E46	
	MIX45-05-05-R5	06906E-E45	
	MIX45-05-06-R5	06906E-E46	
	MIX45-07-08R5	06908E-E48	
	MIX45-08-08Y-R5	06910E-E48	

45º SAE MALE INVERTED FLARE 90º



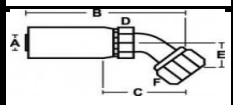
PART #	PART# HB x Thread		
	MIX90-03-04-R5	06905E-E04	
	MIX90-04-03Y-R5	06905E-E03	
	MIX90-04-04Y-R5	06905E-E04	
	MIX90-04-05Y-R5	06905E-E05	
	MIX90-04-06Y-R5	06905E-E06	
	MIX90-05-05-R5	06906-E05	
	MIX90-05-06-R5	06906-E08	
	MIX90-07-08-R5	06908-E08	
	MIX90-08-08-Y-R5		

37º JIC FEMALE SWIVEL



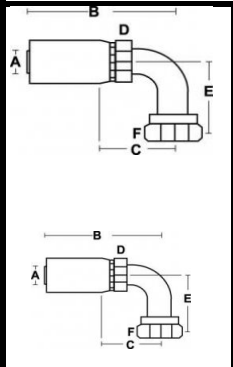
PART #	PART# HB x Thread		
	FJX-03-04-R5	06904E-604	
	FJX-03-05-R5	06904E-605	
	FJX-04-04Y-R5	06905E-604	
	FJX-04-05Y-R5	06905E-605	
	FJX-04-06Y-R5	06905E-606	
	FJX-05-04-R5	06906E-604	
	FJX-05-05-R5	06906E-605	
	FJX-05-06-R5	06906E-606	
	FJX-07-06-R5	06908E-606	
	FJX-07-08-R5	06908E-608	
	FJX-08-06Y-R5	06910E-606	
	FJX-08-08Y-R5	06910E-608	
	FJX-08-10Y-R5	06910E-610	
	FJX-10-08-R5	06912E-608	
	FJX-10-10-R5	06912E-610	
	FJX-10-12-R5	06912E-612	
	FJX-14-12-R5	06916E-612	
	FJX-14-16-R5	06916E-616	
	FJX-18-20-R5	06920E-620	
	FJX-22-24-R5	06924E-624	
	FJX-29-32-R5	06932E-632	

37º JIC FEMALE 45º TUBE SWIVEL



PART #	PART# HB x Thread		
	FJX45-03-04-R5	06904E-684	
	FJX45-04-04Y-R5	06905E-684	
	FJX45-04-05Y-R5	06905E-685	
	FJX45-04-06Y-R5	06905E-686	
	FJX45-05-04-R5	06906E-684	
	FJX45-05-06-R5	06906E-686	
	FJX45-07-06-R5	06908E-686	
	FJX45-07-08-R5	06908E-688	
	FJX45-08-08Y-R5	06910E-688	
	FJX45-08-10Y-R5	06910E-690	
	FJX45-10-10-R5	06912E-690	
	FJX45-10-12-R5	06912E-692	
	FJX45-14-16-R5	06916E-696	

37º JIC FEMALE 90º TUBE SWIVEL



PART #	PART# HB x Thread		
	FJX90-03-04-R5	06904E-664	
	FJX90-04-04Y-R5	06905E-664	
	FJX90-04-05Y-R5	06905E-665	
	FJX90-04-06Y-R5	06905E-666	
	FJX90-05-04-R5	06906E-664	
	FJX90-05-06-R5	06906E-666	
	FJX90-07-06-R5	06908E-666	
	FJX90-07-08-R5	06908E-668	
	FJX90-08-08Y-R5	06910E-668	
	FJX90-08-10Y-R5	06910E-670	
	FJX90-10-10-R5	06912E-670	
	FJX90-10-12-R5	06912E-672	
	FJX90-14-16-R5	06916E-677	

Crimp Chart for 100R5-Type 2 Fiber Covered Braided Hose! Specs are for Flat Dies not bubble

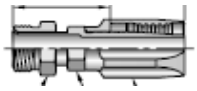
HOSE STYLE/SIZE	Coupling Style	Crimp Dia.	Skive Lgth	Die Position	_____DIE	Spacer Ring	Setting
100R5-T2-04-3/16	03-R5	0.535		Crimp to Line			
100R5-T2-05-1/4	04-Y-R5	0.660		Crimp to Line			
100R5-T2-06-5/16	05-R5	0.725		Crimp to Line			
100R5-T2-08-13/3	07-R5	0.830		Crimp to Line			
100R5-T2-10-1/2	08-Y-R5	0.917		Crimp to Line			
100R5-T2-12-5/8	10-Y-R5	1.035		Crimp to Line			
100R5-T2-16-7/8	14-R5	1.240		Crimp to Line			
100R5-T2-20-11/8	18-R5	1.533		Crimp to Line			
100R5-T2-24-13/8	22-R5	1.730		Crimp to Line			
100R5-T2-32-	29-R5	2.225		Crimp to Line			

Reusable Ends for 100R5 T2 (White layline Parker 201-Gates C5C-Aeroquip 1503-W.H. H069 DOT Approved when used with DOT approved Hose and installed properly!

MALE PIPE NPTF

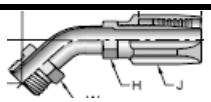
PART #	PART# HB x Thread		
	4C5-2RMP		
	4C5-4RMP		
	5C5-2RMP		
	5C5-4RMP		
	6C5-4RMP		
	6C5-6RMP		
	8C5-6RMP		
	8C5-8RMP		
	10C5-8RMP		
	12C5-8RMP		
	12C5-12RMP		
	16C5-12RMP		
	16C5-16RMP		
	20C5-20RMP		
	24C5-24RMP		
	32C5-32RMP		

45º SAE MALE INVERTED FLARE



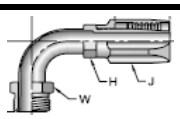
PART #	PART# HB x Thread		
	4C5-4RMIX		
	5C5-5RMIX		
	6C5-6RMIX		
	6C5-8RMIX		
	8C5-8RMIX		

45º SAE MALE INVERTED FLARE 45



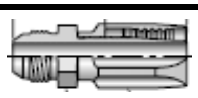
PART #	PART# HB x Thread		
	4C5-4RMIX45		
	5C5-5RMIX45		
	6C5-6RMIX45		
	8C5-8RMIX45		

45º SAE MALE INVERTED FLARE 90º



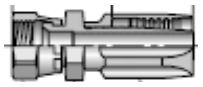
PART #	PART# HB x Thread		
	4C5-4RMIX90		
	5C5-5RMIX90		
	6C5-6RMIX90		
	8C5-8RMIX90		

37º JIC MALE



PART #	PART# HB x Thread		
	4C5-4RMJ		
	5C5-5RMJ		
	6C5-6RMJ		
	8C5-8RMJ		
	10C5-10RMJ		
	12C5-12RMJ		
	16C5-16RMJ		

37º JIC FEMALE SWIVEL

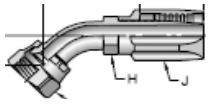


PART #	PART# HB x Thread		
	4C5-4RFJSX		
	5C5-4RFJSX		
	5C5-5RFJSX		
	6C5-6RFJX		
	6C5-8RFJSX		
	8C5-8RFJSX		
	10C5-10RFJSX		
	12C5-12RFJX		
	16C5-16RFJX		
	20C5-20RFJX		
	24C5-24RFJX		
	32C5-32RFJX		

45º SAE FEMALE SWIVEL

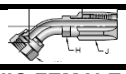
PART #	PART# HB x Thread		
	6C5-6RFSX		
	12C5-12RFSX		

37º JIC FEMALE 45º TUBE SWIVEL



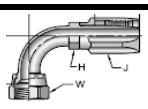
PART #	PART# HB x Thread		
	4C5-4RFJSX45		
	5C5-5RFJSX45		
	6C5-6RFJX45		
	8C5-8RFJSX45		
	10C5-10RFJSX45		
	12C5-12RFJX45		
	16C5-16RFJX45		

45º SAE FEMALE 45º TUBE SWIVEL



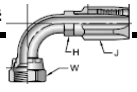
PART #	PART# HB x Thread		
	6C5-6RFSX45		
	12C5-12RFSX45		

37º JIC FEMALE 90º TUBE SWIVEL



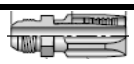
PART #	PART# HB x Thread		
	4C5-4RFJSX90		
	5C5-5RFJSX90		
	6C5-6RFJX90		
	8C5-8RFJSX90		
	10C5-10RFJSX90		
	12C5-12RFJX90		
	16C5-16RFJX90		

45º SAE FEMALE 90º TUBE SWIVEL



PART #	PART# HB x Thread		
	6C5-6RFSX90		
	12C5-12RFSX90		

37º SAE MALE



PART #	PART# HB x Thread		
	6C5-6RMS		
	12C5-12RMS		

Reusable Ends for 100R5 T1 (Green layline Parker 213-Gates C5E-Aeroquip -W.H. H213)
DOT Approved when used with correct DOT approved Hose and installed properly!

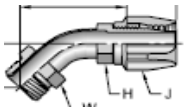
MALE PIPE NPTF

PART #	PART# HB x Thread
	4C5E-2RMP
	4C5E-4RMP
	5C5E-4RMP
	6C5E-4RMP
	6C5E-6RMP
	8C5E-6RMP
	8C5E-8RMP
	10C5E-8RMP
	12C5E-12RMP
	12C5E-16RMP
	16C5E-12RMP
	16C5E-16RMP
	20C5E-20RMP

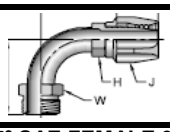
45º SAE MALE INVERTED FLARE

PART #	PART# HB x Thread
	4C5E-4RMIX
	5C5E-5RMIX
	6C5E-5RMIX
	6C5E-6RMIX
	8C5E-8RMIX

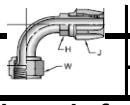
45º SAE MALE INVERTED FLARE 45

PART #	PART# HB x Thread
	
	6C5E-6RMIX45
	8C5E-8RMIX45

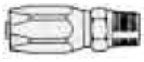
45º SAE MALE INVERTED FLARE 90º

PART #	PART# HB x Thread
	4C5E-4RMIX90
	5C5E-5RMIX90
	6C5E-6RMIX90
	8C5E-8RMIX90

45º SAE FEMALE 90º TUBE SWIVEL

PART #	PART# HB x Thread
	6C5E-6RFSX90
	12C5E-12RFSX90

Reusable ends for 100R1AT and 100R2AT hose

MALE PIPE NPTF	MP-04-04-R1R	
1-WIRE 100R1AT	MP-06-06-R1R	
	MP-08-08-R1R	
	MP-12-12-R1R	
MALE PIPE NPTF	MP-04-04-R2R	
2-WIRE 100R2AT	MP-06-06-R2R	
	MP-06-08-R2R	
	MP-08-08-R2R	
	MP-12-12-R2R	
	MP-16-16-R2R	
MALE JIC SOLID	MJ-06-06-R1R	
1-WIRE 100R1AT	MJ-08-08-R1R	

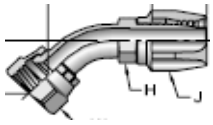
37º JIC FEMALE SWIVEL

PART #	PART# HB x Thread
	4C5E-4RFJSX
	5C5E-5RFJSX
	6C5E-6RFJX
	8C5E-8RFJSX
	10C5E-10RFJSX
	12C5E-12RFJX
	16C5E-16RFJX
	20C5E-20RFJX

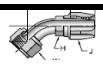
45º SAE FEMALE SWIVEL

PART #	PART# HB x Thread
	6C5E-6RFSX
	12C5E-12RFSX

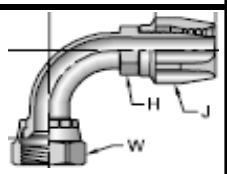
37º JIC FEMALE 45º TUBE SWIVEL

PART #	PART# HB x Thread
	4C5E-4RFJSX45
	6C5E-6RFJX45
	8C5E-8RFJSX45
	10C5E-10RFJSX45
	12C5E-12RFJX45

45º SAE FEMALE 45º TUBE SWIVEL

PART #	PART# HB x Thread
	6C5E-6RFSX45
	12C5E-12RFSX45

37º JIC FEMALE 90º TUBE SWIVEL

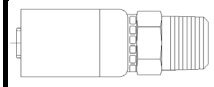
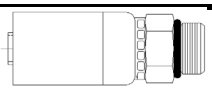
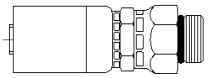
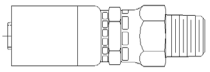
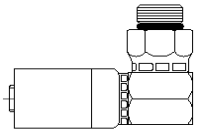
PART #	PART# HB x Thread
	4C5E-4RFJSX90
	6C5E-6RFJX90
	8C5E-8RFJSX90
	10C5E-10RFJSX90
	12C5E-12RFJX90
	16C5E-16RFJX90

Reusable ends for 100R1AT and 100R2AT hose

FEMALE JIC SWIVEL	FJX-04-04-R1R	
1-WIRE 100R1AT	FJX-06-06-R1R	
	FJX-08-08-R1R	
	FJX-10-1O-R1R	
FEMALE JIC SWIVEL	FJX-04-04-R2R	
2-WIRE 100R2AT	FJX-06-06-R2R	
	FJX-08-08-R2R	
	FJX-10-10-R2R	
	FJX-12-12-R2R	
	FJX-16-16-R2R	
MALE JIC SOLID	MJ-06-06-R2R	
2-WIRE 100R2AT	MJ-08-08-R2R	

Dealer-Distributor Pricing: USA Made Kurt Y Style Compression Crimp Interchanges WH U series

Y a True Versitle fitting 100R1, 2, 4, 7, 8, 16, 17, KT, HJK and Industrial Hose. Also Interchanges w/Aeroq FJ91

USA Made Kurt Y Style =Weatherhed U series	PART# HB x Thread	WH PART # Useries cross		USA Made Kurt Y Style =Weatherhed U series	PART# HB x Thread	WH PART # Useries cross	
MALE PIPE NPTF RIGID	MP-02-02Y	02U-102		**MALE BOSS O-RING RIGID**	MB-03-04Y	03U-P04	
	MP-04-02Y	04U-102			MB-04-04Y	04U-P04	
	MP-04-04Y	04U-104			MB-04-05Y	04U-P05	
	MP-04-06Y	04U-106			MB-04-06Y	04U-P06	
	MP-04-08Y	04U-108			MB-04-08Y	04U-P08	
	MP-06-04Y	06U-104			MB-06-06Y	06U-P06	
	MP-06-06Y	06U-106			MB-06-08Y	06U-P08	
	MP-06-08Y	06U-108			MB-06-10Y	06U-P10	
	MP-08-06Y	08U-106			MB-08-08Y	08U-P08	
	MP-08-08Y	08U-108			MB-08-10Y	08U-P10	
	MP-08-12Y	08U-112			MB-10-10Y	10U-P10	
	MP-10-08Y	10U-108			MB-10-12Y	10U-P12	
	MP-10-12Y	10U-112			MB-12-10Y	12U-P10	
	MP-12-08Y	12U-108			MB-12-12Y	12U-P12	
	MP-12-12Y	12U-112			MB-16-16Y	16U-P16	
	MP-12-16Y	12U-116		**MALE BOSS O-RING SWIVEL**	MBX-04-04Y	04U-R04	
	MP-16-12Y	16U-112			MBX-04-06Y	04U-R06	
	MP-16-16Y	16U-116			MBX-06-04Y	06U-R04	
	MP-20-20Y	20U-120			MBX-06-06Y	06U-R06	
MALE PIPE NPTF SWIVEL	MPX-04-02Y	04U-J02			MBX-06-08Y	06U-R08	
	MPX-04-04Y	04U-J04			MBX-08-08Y	08U-R08	
	MPX-04-06Y	04U-J06			MBX-08-10Y	08U-R10	
	MPX-06-04Y	06U-J04			MBX-12-12Y	12U-R12	
	MPX-06-06Y	06U-J06		**MALE BOSS O-RING SWIVEL 90°**	MBX90-04-04Y	04U-R64	
	MPX-06-08Y	06U-J08			MBX90-04-06Y	04U-R66	
	MPX-08-06Y	08U-J06			MBX90-06-06Y	06U-R66	
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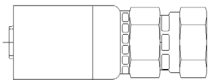
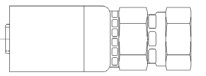
	MPX-10-08Y	08U-J08			MBX90-06-10Y	06U-R70	
	MPX-12-12Y	12U-J12			MBX90-08-08Y	08U-R68	
	MPX-16-16Y	16U-J16			MBX90-08-10Y	08U-R70	
NPSM FEMALE PIPE SWIVEL	FPX-03-04Y	03U-053			MBX90-12-12Y	12U-R72	
	FPX-04-04Y	04U-054		**37° JIC FEMALE SWIVEL**	FJX-02-03Y	02U-603	
	FPX-06-06Y	06U-056			FJX-02-04Y	02U-604	
	FPX-06-08Y	06U-058			FJX-03-04Y	03U-604	
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	FPX-08-12Y	08U-060			FJX-04-03Y	04U-603	
	FPX-12-12Y	12U-060			FJX-04-04Y	04U-604	
	FPX-16-16Y	16U-062			FJX-04-05Y	04U-605	
	FPX-20-20Y	20U-064			FJX-04-06Y	04U-606	
NPSM FEMALE PIPE RIGID	FP-04-02Y	04U-202			FJX-04-08Y	04U-608	
	FP-04-04Y	04U-204			FJX-05-05Y-R5	05U-605	
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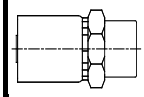
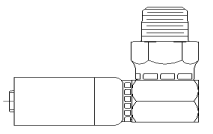
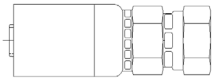
	FP-06-08Y	06U-208			FJX-06-06Y	06U-606	
	FP-08-08Y	08U-208			FJX-06-08Y	06U-608	
	FP-12-08Y	12U-208			FJX-06-10Y	06U-610	
	FP-12-12Y	12U-212			FJX-08-06Y	08U-606	
	FP-16-16Y	16U-216			FJX-08-08Y	08U-608	
MALE PIPE SWIVEL 90°	MPX90-04-04Y	04U-M04			FJX-08-10Y	08U-610	
	MPX90-04-06Y	04U-M06			FJX-08-12Y	08U-612	
	MPX90-06-04Y	06U-M04			FJX-10-08Y	10U-608	
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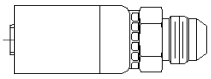
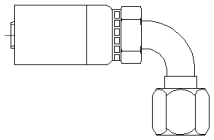
	MPX90-08-08Y	08U-M08			FJX-12-08Y	12U-608	
	MPX90-12-12Y	12U-M12			FJX-12-10Y	12U-610	
	MPX90-16-16Y	16U-M16			FJX-12-12Y	12U-612	

37° JIC MALE RIGID	MJ-04-04Y	04U-504			FJX-12-14Y	12U-614	
	MJ-04-05Y	04U-505			FJX-12-16Y	12U-616	
	MJ-04-06Y	04U-506			FJX-16-12Y	16U-612	
	MJ-05-05Y-R5	05U-506			FJX-16-16Y	16U-616	
	MJ-05-06Y-R5	05U-506			FJX-16-20Y	16U-620	
	MJ-06-04Y	06U-504			FJX-20-20Y	20U-620	
	MJ-06-06Y	06U-506		**37° JIC FEMALE 90° TUBE SWIVEL**	FJX90-04-04Y	04U-664	
	MJ-06-08Y	06U-508			FJX90M-04-04Y		
	MJ-06-10Y	06U-510			FJX90-04-05Y	04U-665	
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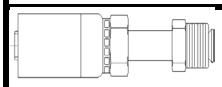
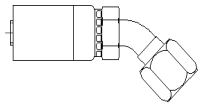
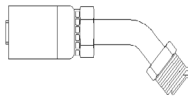
	MJ-08-10Y	08U-510			FJX90-06-06Y	06U-666	
	MJ-08-12Y	08U-512			FJX90-06-08Y	06U-668	
	MJ-10-10Y	10U-510			FJX90-08-06Y	08U-666	
	MJ-10-12Y	10U-512			FJX90-08-08Y	08U-668	
	MJ-12-12Y	12U-512			FJX90-08-10Y	08U-670	
	MJ-12-14Y	12U-514			FJX90-08-12Y	08U-672	
	MJ-12-16Y	12U-516			FJX90-10-10Y	10U-670	
	MJ-16-16Y	16U-516			FJX90-10-12Y	10U-672	
	MJ-20-20Y	20U-520			FJX90-12-12Y	12U-672	
45° SAE MALE INVERTED FLARE	MIX-04-03Y	04U-B03			FJX90-12-16Y	12U-676	
	MIX-04-04Y	04U-B04			FJX90-16-16Y	16U-676	
	MIX-04-05Y	04U-B05			FJX90-20-20Y	20U-680	
	MIX-04-06Y	04U-B06		**37° JIC FEMALE 45° TUBE SWIVEL**	FJX45-04-04Y	04U-684	
	MIX-06-04Y	06U-B04			FJX45-04-05Y	04U-685	
	MIX-06-05Y	06U-B05			FJX45-04-06Y	04U-686	
	MIX-06-06Y	06U-B06			FJX45-06-04Y	06U-684	
	MIX-06-07Y	06U-B07			FJX45-06-06Y	06U-686	
	MIX-06-08Y	06U-B08			FJX45-06-08Y	06U-688	
	MIX-08-08Y	08U-B08			FJX45-08-06Y	08U-686	
	MIX-08-10Y	08U-B10			FJX45-08-08Y	08U-688	
45° SAE MALE INVERTED FLARE 45°	MIX45-04-03Y	04U-B03			FJX45-08-10Y	08U-690	
	MIX45-04-04Y	04U-B04			FJX45-10-10Y	10U-690	
	MIX45-04-05Y	04U-B05			FJX45-10-12Y	10U-692	
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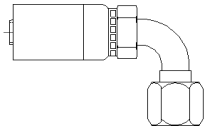
	MIX45-06-05Y	06U-B05			FJX45-12-16Y	12U-696	
	MIX45-06-06Y	06U-B06			FJX45-16-16Y	16U-696	
	MIX45-06-07Y	06U-B07			FJX45-20-20Y	20U-700	
	MIX45-06-08Y	06U-B08		**37° JIC FEMALE 90° SWIVEL LONG DROP**	FJX90L-04-04Y	04U-644	
	MIX45-08-08Y	08U-B08			FJX90L-04-06Y	064-646	
	MIX45-08-10Y	08U-B08			FJX90L-06-04Y	06U-644	
45° SAE MALE INVERTED FLARE 90°	MIX90-03-04Y	03U-B63			FJX90L-06-06Y	06U-646	
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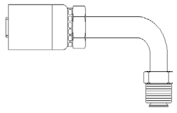	MIX90-04-04Y	04U-B64			FJX90L-08-08Y	08U-648	
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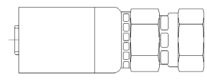
	MIX90-04-06Y	04U-B66			FJX90L-10-10Y	10U-650	
	MIX90-06-04Y	06U-B64			FJX90L-12-12Y	12U-652	
	MIX90-06-05Y	06U-B65			FJX90L-16-16Y	16U-656L33	
	MIX90-06-06Y	06U-B66		**O-RING FACE SEAL FEMALE SWIVEL**	FFX-04-04Y	04U-S64	
	MIX90-06-07Y	06U-B67			FFX-04-06Y	04U-S66	
	MIX90-06-08Y	06U-B88			FFX-06-04Y	06U-S64	
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	MIX90-08-10Y	08U-B90			FFX-06-08Y	06U-S68	
FLARELESS COMPRESSION J514	MT-04-04Y	04U-754			FFX-08-06Y	08U-S66	
	MT-04-05Y	04U-755			FFX-08-08Y	08U-S68	
	MT-04-06Y				FFX-08-10Y	08U-S70	
	MT-04-08Y				FFX-08-12Y	08U-S72	
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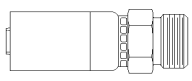	MT-06-05Y	06U-755			FFX-10-10Y	10U-S70	
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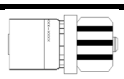
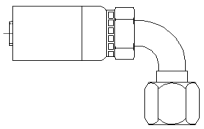
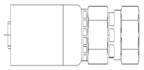
	MT-06-08Y	06U-758			FFX-12-10Y	12U-S70	
	MT-08-08Y	08U-758			FFX-12-12Y	12U-S72	
	MT-08-10Y	08U-760			FFX-12-16Y	12U-S76	
	MT-08-12Y	08U-762			FFX-16-16Y	16U-S76	

	MT-12-12Y	12U-762			FFX-16-20Y	20U-S80	
	MT-12-16Y	12U-766			FFX-20-20Y	20U-S80	
	MT-16-16Y	16U-766			FFX-20-24Y	20U-S84	
KARCHER PRESSURE		**WH PART #**		**0-RING FACE SEAL FI**	FFX90-04-04Y	04U-A24	
WASH FEMAL SWIVE	**PART# HB x Thread**	**Useries cross**		**90° TUBE SWIVEL**	FFX90-04-06Y	04U-A26	
	KAR-04-22Y				FFX90-06-06Y	06U-A26	
	KAR-06-22Y				FFX90-06-08Y	06U-A28	
					FFX90-08-08Y	08U-A28	
45 SAE FEMALE		**WH PART #**			FFX90-08-10Y	08U-A30	
SWIVEL	**PART# HB x Thread**	**Useries cross**			FFX90-08-12Y	08U-A32	
	FSX-04-06Y	04U-406			FFX90-10-10Y	10U-A30	
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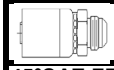
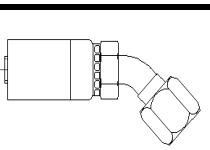
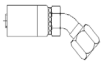
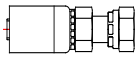
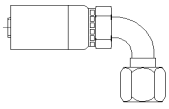
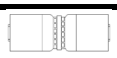
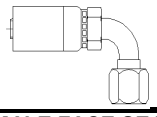
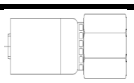
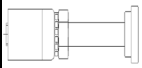
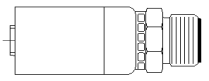
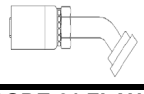
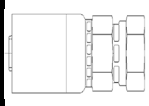
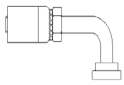
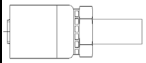
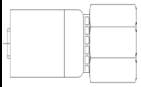
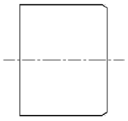
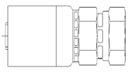
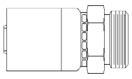
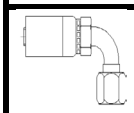
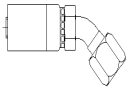
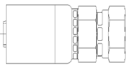
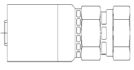
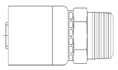
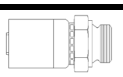
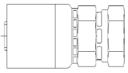
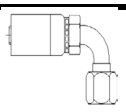
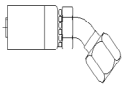
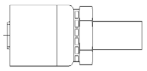
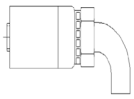
	FSX-12-12Y	12U-412			FFX90-12-12Y	12U-A32	
45 SAE MALE		**WH PART #**			FFX90-12-16Y	12U-A36	
RIGID	**PART# HB x Thread**	**Useries cross**			FFX90-16-16Y	16U-A36	
	MS-06-06Y	06U-306			FFX90-20-20Y	20U-A40	
	MS-12-12Y	12U-312		**0-RING FACE SEAL**	FFX45-04-04Y	04U-L64	
45°SAE FEMALE		**WH PART #**		**FEMALE 45°TUBE SW**	FFX45-04-06Y	04U-L66	
90°TUBE SWIVEL	**PART# HB x Thread**	**Useries cross**			FFX45-06-06Y	06U-L66	
	FSX90-06-06Y				FFX45-06-08Y	06U-L68	
	FSX90-10-12Y				FFX45-08-08Y	08U-L68	
	FSX90-12-12Y				FFX45-08-10Y	08U-L70	
45°SAE FEMALE		**WH PART #**			FFX45-10-10Y	10U-L70	
45°TUBE SWIVEL	**PART# HB x Thread**	**Useries cross**			FFX45-10-12Y	10U-L72	
	FSX45-06-06Y	06U-486			FFX45-12-12Y	12U-L72	
	FSX45-10-12Y				FFX45-12-16Y	12U-L76	
	FSX45-12-12Y				FFX45-16-16Y	16U-L76	
O-RING FACE SEAL C	FFXT-04-04Y				FFX45L-16-16Y		
FEMALE SWIVEL	FFXT-04-06Y				FFX45LL-16-16Y		
	FFXT-06-06Y				FFX45-16-20Y	16U-L80	
	FFXT-06-08Y				FFX45-20-20Y	20U-L80	
	FFXT-08-08Y			**0-RING FACE SEAL FI**	FFX90M-04-04Y	08U-J34	
	FFXT-12-12Y			**SWIVEL MEDIUM DRO**	FFX90M-06-06Y	08U-J36	
	FFXT-16-16Y				FFX90M-08-08Y	08U-J38	
HOSE X HOSE	MENDER 6Y				FFX90M-10-10Y	10U-J40	
MENDER RIGID	MENDER 8Y				FFX90M-12-12Y	12U-J42	
	MENDER-12Y				FFX90M-16-16Y	16U-J46	
	MENDER-16Y			**0-RING FACE SEAL F**	FFX90L-04-04Y	04U-A64	
FEMALE GREASE	**PART**	**WH PART #**		**90° LONG DROP**	FFX90L-06-06Y	06U-A66	
TAP RIGID	**NUMBER**	**Useries cross**			FFX90L-08-08Y	08U-A68	
	GT-04-08Y	04U-C34			FFX90L-10-10Y	10U-A70	
	GT-06-08Y	06U-C36			FFX90L-12-12Y	12U-A72	
	GT-06-08-W				FFX90L-16-16Y	16U-A76	
CODE 61 FLANGE	C61-08-08Y	08U-G08		**MALE FACE SEAL**	MF-04-04Y	04U-E64	
RIGID	C61-08-12Y	08U-G12		**RIGID**	MF-04-06Y	04U-E66	
	C61-12-12Y	12U-G12			MF-06-06Y	06U-E66	
	C61-12-16Y	12U-G16			MF-08-08Y	08U-E68	
	C61-16-16Y	16U-G16			MF-08-10Y	08U-E70	
	C61-16-20Y	16U-G20			MF-10-10Y	10U-E70	
CODE 61 FLANGE	C6145-08-08Y	08U-G41			MF-10-12Y	10U-E72	
RIGID 45° TUBE	C6145-08-12Y	08U-G42			MF-12-12Y	12U-E72	
	C6145-12-12Y	12U-G42			MF-16-16Y	16U-E76	
	C6145-12-16Y	12U-G46		**BRITISH PIPE 60°CON**	FBSPX-04-02Y		
	C6145-16-16Y	16U-G46		**FEMALE SWIVEL**	FBSPX-04-04Y		
CODE 61 FLANGE	C6190-08-08Y	08U-G71			FBSPX-04-06Y		
RIGID 90° TUBE	C6190-08-12Y	08U-G72			FBSPX-06-06Y		
	C6190-12-12Y	12U-G72			FBSPX-06-08Y		
	C6190-12-16Y	12U-G76			FBSPX-08-08Y		
	C6190-16-16Y	16U-G76			FBSPX-10-10Y		
	C6190-16-20Y	16U-G80			FBSPX-12-12Y		
	C6190-20-20Y	20U-G80			FBSPX-16-16Y		

STAND TUBE	MW-04-04Y	04U-T04	
RIGID	MW-04-05Y	04U-T05	
	MW-04-06Y	04U-T06	
	MW-06-06Y	06U-T06	
	MW-06-08Y	06U-T08	
	MW-08-08Y	08U-T08	
	MW-08-10Y	08U-T10	
	MW-12-12Y	12U-T12	
	MW-16-16Y	16U-T16	
FEMALE WELD FITTI	FW-03-04Y		
RIGID	FW-04-04Y		
	FW-04-05Y		
	FW-04-06Y		
	FW-06-06Y		
	FW-06-08Y		
	FW-08-08Y		
	FW-08-10Y		
	FW-12-12Y		
	FW-12-12-W		
	FW-16-16Y		
SHELL ONLY	SHELL-4Y		
	SHELL-6Y		
	SHELL-8Y		
	SHELL-10Y		
	SHELL-12Y		
	SHELL-16Y		
DIN HEAVY U. SEAT	FDINHX-04-18Y	04U-60C	
FEMALE SWIVEL	FDINHX-06-22Y	06U-64C	
	FDINHX-08-24Y	08U-66C	
	FDINHX-10-30Y	10U-70C	
	FDINHX-12-36Y	12U-75C	
	FDINHX-16-42Y	16U-80C	
DIN HEAVY U. SEAT	MDINHX-04-18Y	04U-10F	
RIGID MALE	MDINHX-06-22Y	06U-12F	
	MDINHX-08-24Y	08U-16F	
	MDINHX-10-30Y	10U-20F	
	MDINHX-12-36Y	12U-25F	
	MDINHX-16-42Y	16U-30F	
DIN HEAVY U. SEAT	FDINHX90-04-18Y		
90°TUBE F. SWIVEL	FDINHX90-06-22Y		
	FDINHX90-08-24Y		
	FDINHX90-10-30Y		
	FDINHX90-12-36Y		
	FDINHX90-16-42Y		
DIN HEAVY U. SEAT	FDINHX45-04-18Y		
45° TUBE F.SWIVEL	FDINHX45-06-22Y		
	FDINHX45-08-24Y		
	FDINHX45-10-30Y		
	FDINHX45-12-36Y		
	FDINHX45-16-42Y		
JIS 30° SEAT	FJISX-04-04Y		
FEMALE SWIVEL	FJISX-06-06Y		
	FJISX-08-08Y		
	FJISX-12-12Y		
	FJISX-16-16Y		
KOMATSU JIS 30°SEA	FKOMX-04-14Y		
FEMALE SWIVEL	FKOMX-06-18Y		
	FKOMX-08-22Y		
	FKOMX-10-24Y		
	FKOMX-12-30Y		
	FKOMX-16-33Y		

	FBSPX-20-20Y		
BRITISH PIPE 60°CON	MBSPT-04-04Y		
MALE RIGID	MBSPT-06-06Y		
	MBSPT-08-08Y		
	MBSPT-12-12Y		
	MBSPT-16-16Y		
BRITISH PARALLEL PIPE 60° CONE		**WH PART #**	
MALE RIGID	**PART# HB x Thread**	**Useries cross**	
	MBSPP-04-04Y		
	MBSPP-06-06Y		
	MBSPP-08-08Y		
BRITISH FLAT FACE		**WH PART #**	
FEMALE SWIVEL	**PART# HB x Thread**	**Useries cross**	
	FBFPX-06-06Y	06U-06P	
	FBFPX-06-08Y	06U-08P	
	FBFPX-08-08Y	08U-08P	
BRITISH PIPE 60°CON	FBSPX90-04-04Y	04U-74P	
90° FEMALE SWIVEL	FBSPX90-06-06Y	06U-76P	
	FBSPX90-08-08Y	08U-78P	
	FBSPX90-10-10Y	10U-80P	
	FBSPX90-12-12Y	12U-82P	
	FBSPX90-16-16Y	16U-86P	
BRITISH PIPE 60°CON	FBSPX45-04-04Y	04U-44P	
45°TUBE F. SWIVEL	FBSPX45-06-06Y	06U-46P	
	FBSPX45-08-08Y	08U-48P	
	FBSPX45-10-10Y	10U-50P	
	FBSPX45-12-12Y	12U-52P	
	FBSPX45-16-16Y	16U-56P	
METRIC STANDPIPES	MMSP-04-06Y	04U-36T	
STRAIGHT	MMSP-04-08Y	04U-38T	
	MMSP-04-10Y	04U-40T	
	MMSP-05-10Y-R5		
	MMSP-05-12Y-R5		
	MMSP-06-10Y		
	MMSP-06-12Y	06U-42T	
	MMSP-06-14Y	06U-44T	
	MMSP-08-15Y	08U-45T	
	MMSP-08-16Y	08U-46T	
	MMSP-08-18Y		
	MMSP-10-18Y	10U-48T	
	MMSP-10-20Y	10U-50T	
	MMSP-12-20Y		
	MMSP-12-22Y	12U-52T	
	MMSP-12-25Y	12U-55T	
	MMSP-16-25Y		
	MMSP-16-28Y	16U-58T	
	MMSP-16-30Y	16U-60T	
METRIC STANDPIPES	MMSP90-04-06Y		
90° TUBE	MMSP90-04-08Y		
	MMSP90-04-10Y		
	MMSP90-06-10Y		
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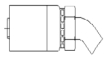
	MMSP90-06-14Y		
	MMSP90-08-15Y		
	MMSP90-08-16Y		
	MMSP90-08-18Y		
	MMSP90-10-18Y		
	MMSP90-10-20Y		
	MMSP90-12-20Y		
	MMSP90-12-22Y		
	MMSP90-12-25Y		

METRIC STANDPIPES 45° TUBE							
	MMSP45-04-06Y				MMSP90-16-25Y		
	MMSP45-04-08Y						
	MMSP45-04-10Y						
	MMSP45-06-10Y						
	MMSP45-06-12Y						
	MMSP45-06-14Y						
	MMSP45-08-15Y						
	MMSP45-08-16Y						
	MMSP45-08-18Y						

Crimp Charts for Y Crimp Ends for all the below SAE hose spec types

Crimper brand _____ Model _____

HOSE STYLE/SIZE	Coupling Style	Crimp Dia.		Die Position	_____DIE	Spacer Ring	Setting
100R1AT-04	Y	0.585		Crimp to Line			
100R1AT-06	Y	0.750		Crimp to Line			
100R1AT-08	Y	0.860		Crimp to Line			
100R1AT-10	Y	1.000		Crimp to Line			
100R1AT-12	Y	1.150		Crimp to Line			
100R1AT-16	Y	1.430		Crimp to Line			
100R1AT-20	Y	1.830		Crimp to Line			

Crimper brand _____ Model _____

HOSE STYLE/SIZE	Coupling Style	Crimp Dia.		Die Position	_____DIE	Spacer Ring	Setting
100R2AT-04	Y	0.645		Crimp to Line			
100R2AT-06	Y	0.800		Crimp to Line			
100R2AT-08	Y	0.910		Crimp to Line			
100R2AT-10	Y	1.050		Crimp to Line			
100R2AT-12	Y	1.190		Crimp to Line			
100R2AT-16	Y	1.480		Crimp to Line			
100R2AT-20	Y	1.920		Crimp to Line			

Crimper brand _____ Model _____

HOSE STYLE/SIZE	Coupling Style	Crimp Dia.		Die Position	_____DIE	Spacer Ring	Setting
100R4-12	Y	1.233		FULL			
100R4-16	Y	1.466		FULL			
100R4-20	Y	1.780		FULL			

Crimper brand _____ Model _____

HOSE STYLE/SIZE	Coupling Style	Crimp Dia.		Die Position	_____DIE	Spacer Ring	Setting
100R7-04 (701)	Y	0.580		Crimp to Line			
100R7-05 (701)	Y	0.665		Crimp to Line			
100R7-06 (701)	Y	0.730		Crimp to Line			
100R7-08 (701)	Y	0.885		Crimp to Line			
100R7-12 (701)	Y	1.150		Crimp to Line			
100R7-16 (701)	Y	1.415		Crimp to Line			

Crimper brand _____ Model _____

HOSE STYLE/SIZE	Coupling Style	Crimp Dia.		Die Position	_____DIE	Spacer Ring	Setting
100R8-04 (801)	Y	0.585		Crimp to Line			
100R8-06 (801)	Y	0.720		Crimp to Line			
100R8-08 (801)	Y	0.870		Crimp to Line			
100R8-12 (801)	Y	1.140		Crimp to Line			
100R8-16 (801)	Y	1.430		Crimp to Line			

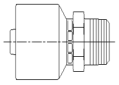
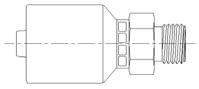
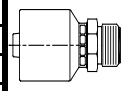
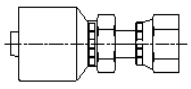
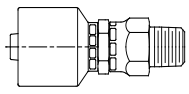
Crimper brand _____ Model _____

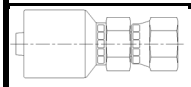
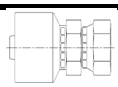
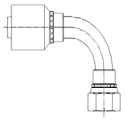
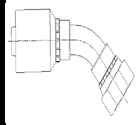
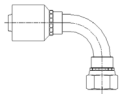
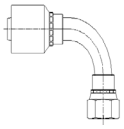
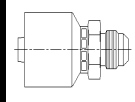
HOSE STYLE/SIZE	Coupling Style	Crimp Dia.		Die Position	_____DIE	Spacer Ring	Setting
100R16-04	Y	0.615		Crimp to Line			
100R16-06	Y	0.760		Crimp to Line			
100R16-08	Y	0.880		Crimp to Line			
100R16-10	Y	1.010		Crimp to Line			
100R16-12	Y	1.150		Crimp to Line			
100R16-16	Y	1.425		Crimp to Line			

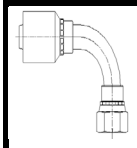
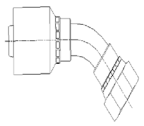
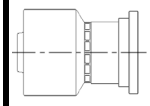
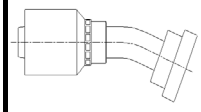
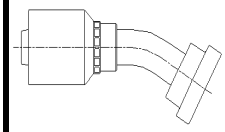
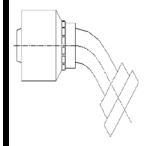
Crimper brand _____ Model _____							
HOSE STYLE/SIZE	**Coupling Style**	**Crimp Dia.**		**Die Position**	**_____DIE**	**Spacer Ring**	**Setting**
100R17-04 Red. o.d.	Y	0.565		Crimp to Line			
100R17-06 Red. o.d.	Y	0.725		Crimp to Line			
100R17-08 Red. o.d.	Y	0.840		Crimp to Line			
100R17-10 Red. o.d.	Y	1.015		Crimp to Line			
100R17-12 Red. o.d.	Y	1.160		Crimp to Line			
100R17-16 Red. o.d.	Y	1.455		Crimp to Line			
Crimper brand _____ Model _____							
HOSE STYLE/SIZE	**Coupling Style**	**Crimp Dia.**		**Die Position**	**_____DIE**	**Spacer Ring**	**Setting**
100R-KT-04	Y	0.600		Crimp to Line			
100R-KT-06	Y	0.750		Crimp to Line			
100R-KT-08	Y	0.860		Crimp to Line			
100R-KT-10	Y	1.006		Crimp to Line			
100R-KT-12	Y	1.151		Crimp to Line			
100R-KT-16	Y	1.455		Crimp to Line			
Crimper brand _____ Model _____							
HOSE STYLE/SIZE	**Coupling Style**	**Crimp Dia.**		**Die Position**	**_____DIE**	**Spacer Ring**	**Setting**
HJK-04	Y	0.634		Crimp to Line			
HJK-06	Y	0.785		Crimp to Line			

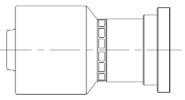
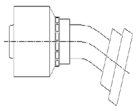
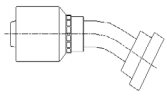
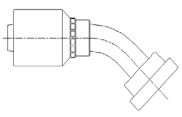
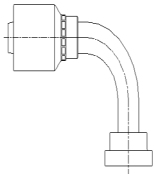
The Most Versitile Crimp Fitting = Balflex BW Style Bite to the Wire Crimp Fitting!

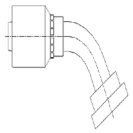
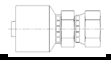
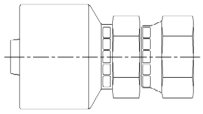
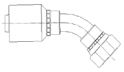
BW fitting covers a wide range of SAE Spec. Hose 100R1, 2, 4, 12, 16, 17, KT, HJK, 4SH/Industrial Hose.

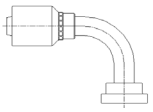
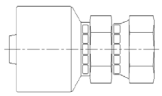
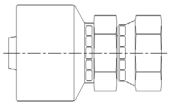
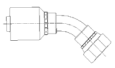
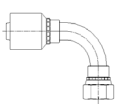
BALFLEX THE EUROPEAN TECHNOLOGY BW SERIES -1&2-4W	PART# HB x Thread			BALFLEX THE EUROPEAN TECHNOLOGY BW SERIES -1&2-4W	PART# HB x Thread		
MALE PIPE NPTF RIGID	MP-04-02BW			**MALE BOSS O-RING RIGID**	MB-04-04BW		
	MP-04-04BW				MB-06-06BW		
	MP-04-06BW				MB-06-08BW		
	MP-04-08BW				MB-08-08BW		
	MP-06-04BW				MB-08-10BW		
	MP-06-06BW				MB-08-12BW		
	MP-06-08BW				MB-10-10BW		
	MP-08-06BW				MB-10-12BW		
	MP-08-08BW				MB-12-12BW		
	MP-08-12BW				MB-12-16BW		
	MP-10-06BW				MB-16-16BW		
	MP-10-08BW			**MALE FACE SEAL RIGID**	MF-04-04BW		
	MP-10-12BW				MF-06-06BW		
	MP-12-08BW				MF-06-08BW		
	MP-12-12BW				MF-08-08BW		
	MP-12-16BW				MF-08-10BW		
	MP-16-12BW				MF-10-10BW		
	MP-16-16BW				MF-10-12BW		
	MP-16-20BW				MF-12-12BW		
	MP-20-20BW/71/430U				MF-16-16BW		
	MP-20-24BW/71/430U				MF-20-20BW		
	MP-24-24BW/71/430U			**O-RING FACE SEAL FEMALE SWIVEL**	FFX-04-04BW		
	MP-32-32BW/71/430U				FFX-04-06BW		
MALE PIPE NPTF SWIVEL	MPX-04-02BW				FFX-06-04BW		
	MPX-04-04BW				FFX-06-06BW		
	MPX-04-06BW				FFX-06-08BW		
	MPX-06-04BW				FFX-08-08BW		
	MPX-06-06BW				FFX-08-10BW		
	MPX-06-08BW				FFX-08-12BW		
	MPX-08-06BW				FFX-10-10BW		
	MPX-08-08BW				FFX-10-12BW		
	MPX-12-12BW				FFX-12-12BW		
	MPX-16-16BW				FFX-12-16BW		

MALE PIPE SWIVEL 90°	MPX90-04-04BW				FFX-16-16BW		
	MPX90-06-06BW				FFX-16-20BW		
	MPX90-08-08BW				FFX-20-20BW/71/430U		
	MPX90-12-12BW				FFX-20-24BW/71/430U		
NPSM FEMALE PIPE SWIVEL	FPX-04-04BW				FFX-24-24BW/71/430U		
	FPX-06-06BW			**ORING FACE SEAL 90 FEMALE SWIVEL**	FFX90-04-04BW		
	FPX-08-08BW				FFX90-04-06W		
	FPX-12-12BW				FFX90-06-06W		
	FPX-16-16BW				FFX90-06-08W		
37° JIC FEMALE SWIVEL	FJX-04-04BW				FFX90-08-06BW		
	FJX-04-05BW				FFX90-08-08W		
	FJX-04-06BW				FFX90-08-10BW		
	FJX-06-04BW				FFX90-08-12BW		
	FJX-06-06BW				FFX90-10-08BW		
	FJX-06-08BW				FFX90-10-10BW		
	FJX-06-10BW				FFX90-10-12BW		
	FJX-08-08BW				FFX90-12-12BW		
	FJX-08-10BW				FFX90-12-16BW		
	FJX-08-12BW				FFX90-16-16BW		
	FJX-10-10BW				FFX90-16-20BW		
	FJX-10-12BW				FFX90-20-20BW/71/430U		
	FJX-12-08BW				FFX90-20-24BW/71/430U		
	FJX-12-10BW				FFX90-24-24BW/71/430U		
	FJX-12-12BW				FFX90-24-24BW/71/430U		
	FJX-12-14BW			**ORING FACE SEAL 90° FEMALE SWIVEL LON**	**PART# HB x Thread**		
	FJX-12-16BW				FFX90L-06-06BW23		
	FJX-16-12BW				FFX90L-08-08BW23		
	FJX-16-16BW				FFX90L-10-10BW		
	FJX-16-20BW				FFX90L-10-12BW		
	FJX-20-20BW/71/430U				FFX90L-12-12BW		
	FJX-20-24BW/71/430U				FFX90L-16-16BW		
	FJX-24-24BW/71/430U				FFX90L-20-20BW		
	FJX-32-32BW/71/430U						
37° JIC FEMALE 90° SWIVEL SHORT	FJX90S-04-04BW			**ORING FACE SEAL 45° FEMALE SWIVEL**	**PART# HB x Thread**		
	FJX90S-04-06BW				FFX45-04-04BW		
	FJX90S-06-06BW				FFX45-04-06BW		
	FJX90S-06-08BW				FFX45-06-04BW		
	FJX90S-08-08BW				FFX45-06-06BW		
	FJX90S-08-10BW				FFX45-06-08BW		
	FJX90S-12-12BW				FFX45-08-06BW		
37° JIC FEMALE 90° SWIVEL MED	FJX90-04-04BW				FFX45-08-08BW		
	FJX90-04-05BW				FFX45-08-10BW		
	FJX90-04-06BW				FFX45-10-10BW		
	FJX90-06-06BW				FFX45-10-12BW		
	FJX90-06-08BW				FFX45-12-12BW		
	FJX90-08-08BW				FFX45-12-16BW		
	FJX90-08-10BW				FFX45-16-16BW		
	FJX90-08-12BW				FFX45-16-20BW		
	FJX90-10-10BW				FFX45-20-20BW/71/430U		
	FJX90-10-12BW				FFX45-20-24BW/71/430U		
	FJX90-12-12BW				FFX45-24-24BW/71/430U		
	FJX90-12-16BW						
	FJX90-16-16BW			**37° JIC MALE RIGID**	MJ-04-04BW		
					MJ-04-05BW		
	FJX90-16-20BW				MJ-04-06BW		
	FJX90-20-20BW/71/430U				MJ-06-06BW		
	FJX90-20-24BW/71/430U				MJ-06-08BW		
	FJX90-24-24BW/71/430U				MJ-06-10BW		
	FJX90-32-32BW/71/430U				MJ-08-08BW		

37° JIC FEMALE 90° SWIVEL LONG	FJX90L-04-04BW		
	FJX90L-04-06BW		
	FJX90L-06-06BW		
	FJX90L-06-08BW		
	FJX90L-08-08BW		
	FJX90L-08-10BW		
	FJX90L-12-12BW		
	FJX90L-16-16BW		
37° JIC FEMALE 45° SWIVEL	FJX45-04-04BW		
	FJX45-04-06BW		
	FJX45-06-06BW		
	FJX45-06-08BW		
	FJX45-08-08BW		
	FJX45-08-10BW		
	FJX45-08-12BW		
	FJX45-10-10BW		
	FJX45-12-12BW		
	FJX45-12-16BW		
	FJX45-16-16BW		
	FJX45-16-20BW		
	FJX45-20-20BW/71/430U		
	FJX45-20-24BW/71/430U		
	FJX45-24-24BW/71/430U		
	FJX45-32-32BW/71/430U		
CODE 61 FLANGE RIGIDE	C61-08-08BW		
	C61-12-12BW		
	C61-12-16BW		
	C61-16-16BW		
	C61-16-20BW		
	C61-16-24BW		
	C61-20-20BW71/430U		
	C61-20-24BW71/430U		
	C61-24-24BW/7143U		
	C61-24-32BW/71/430U		
	C61-32-32BW/71430U		
CODE 61 FLANGE 22° RIGIDE	C6122-12-12BW		
	C6122-12-16BW		
	C6122-16-16BW		
	C6122-16-20BW		
	C6122-20-20BW/71430U		
	C6122-20-24BW/71430U		
	C6122-24-24BW/7430U		
	C6122-32-32BW/71/430U		
CODE 61 FLANGE 30° RIGIDE	C6130-12-12BW		
	C6130-12-16BW		
	C6130-16-16BW		
	C6130-16-20BW		
	C6130-20-20BW/71I/430U		
	C6130-20-24BW/71I/430U		
	C6130-24-24BW/71I/430U		
	C6130-32-32BW/7II/430U		
CODE 61 FLANGE 45° RIGIDE	C6145-08-08BW		
	C6145-12-12BW		
	C6145-12-16BW		
	C6145-16-16BW		
	C6145-16-20BW		
	C6145-20-20BW/71/430U		
	C6145-20-24BW/71I/430U		
	C6145-24-24BW/71I/430U		
	C6145-24-32BW/71I/430U		
	C6145-32-32BW/71I/430U		
	C6145-32-40BW71I/430U		

	MJ-08-10BW		
	MJ-08-12BW		
	MJ-10-10BW		
	MJ-10-12BW		
	MJ-12-12BW		
	MJ-12-16BW		
	MJ-16-16BW		
	MJ-16-20BW		
	MJ-20-20BW/71/430U		
	MJ-20-24BW/71/430U		
	MJ-24-24BW/71/430U		
	MJ-32-32BW/71/430U		
CODE 62 FLANGE RIGIDE	C62-08-08BW		
	C62-08-12BW		
	C62-12-08-W		
	C62-12-12-W		
	C62-12-16-W		
	C62-16-16-W		
	C62-16-20-W		
	C62-20-20BW/71/430U		
	C62-20-24BW/71/430U		
	C62-24-24BW/71/430U		
CODE 62 FLANGE 22° RIGIDE	C62-32-32BW/71/430U		
	C6222-12-12BW		
	C6222-12-16BW		
	C6222-16-16BW		
	C6222-16-20BW		
	C6222-20-20BW/71/430U		
	C6222-20-24BW/71/430U		
	C6222-24-24BW/71/430U		
CODE 62 FLANGE 30° RIGIDE	C6230-12-12BW		
	C6230-12-16BW		
	C6230-16-16BW		
	C6230-16-20BW		
	C6230-20-20BW/71/430U		
	C6230-20-24BW/71/430U		
CODE 62 FLANGE 45° RIGIDE	C6230-24-24BW/71/430U		
	C6245-12-12BW		
	C6245-12-16BW		
	C6245-16-12BW		
	C6245-16-16BW		
	C6245-16-20BW		
	C6245-20-20BW/71/430U		
	C6245L-20-20BW/71/430U		
	C6245-20-24BW/71/430U		
	C6245-24-24BW/71/430U		
	C6245-32-32BW/71/430U		
CODE 62 FLANGE 90° RIGIDE	C6290-08-08BW		
	C6290-08-12BW		
	C6290-12-12BW		
	C6290-12-16BW		
	C6290-16-16BW		
	C6290-16-20BW		
	C6290-20-16BW		
	C6290-20-20BW/71/430U		
	C6290-20-24BW/71/430U		
	C6290-24-24BW/71/430U		
	C6290-32-32BW/71/430U		
CODE 61 FLANGE 90° RIGIDE	C6190-08-12BW		
	C6190-12-12BW		
	C6190-12-16BW		
	C6190-16-16BW		

CODE 61 FLANGE 60° RIGID	C6160-08-12BW		
	C6160-12-12BW		
	C6160-12-16BW		
	C6160-16-16BW		
	C6160-16-20BW		
	C6160-20-20BW/71I/430U		
	C6160-20-24BW/71I/430U		
	C6160-24-24BW/71I/430U		
	C6160-32-32BW/71I/430U		
JIS 30° SEAT FEMALE	FJISX-4-4BW		
	FJISX-6-6BW		
	FJISX-8-8BW		
	FJISX-10-10BW		
	FJISX-12-12BW		
	FJISX-16-16-W		
BALFLEX THE EUROPEAN TECHNOLOGY BW SERIES -1&2-4W	**PART# HB x Thread**		
DIN LIGHT U. SEAT FEMALE SWIVEL	FDINLX-04-14BW		
	FDINLX-04-16BW		
	FDINLX-06-16BW		
	FDINLX-06-18BW		
	FDINLX-06-22BW		
	FDINLX-08-22BW		
	FDINLX-10-26BW		
	FDINLX-12-30BW		
	FDINLX-16-36BW		
DIN LIGHT U. SEAT 45° TUBE F. SWIVEL	FDINLX45-04-14BW		
	FDINLX45-04-16BW		
	FDINLX45-06-16BW		
	FDINLX45-06-18BW		
	FDINLX45-06-22BW		
	FDINLX45-08-22BW		
	FDINLX45-10-26BW		
	FDINLX45-12-30BW		
	FDINLX45-16-36BW		
DIN LIGHT U. SEAT 90° TUBE F. SWIVEL	FDINLX90-04-14BW		
	FDINLX90-04-16BW		
	FDINLX90-06-16BW		
	FDINLX90-06-18BW		
	FDINLX90-06-22BW		
	FDINLX90-08-22BW		
	FDINLX90-10-26BW		
	FDINLX90-12-30BW		
	FDINLX90-16-36BW		
DIN LIGHT U. SEAT Ridged Male	MDINLX-04-14BW		
	MDINLX-04-16BW		
	MDINLX-06-18BW		
	MDINLX-08-22BW		
	MDINLX-10-26BW		
	MDINLX-12-30BW		
	MDINLX-16-36BW		
DIN HEAVY UNIV SEA F. SWI. W/O'RING	FDINHX-06-14-22BW		
	FDINHX-08-16-24BW		
	FDINHX-10-20-30BW		
	FDINHX-12-25-36BW		
	FDINHX-16-30-42BW		
	FDINHX-20-38-52BW/71/430U		
	FDINHX-24-38-52BW/71/430U		
DIN HEAVY UNIV SEA 45° F.SWL W/O'RING	FDINHX45-08-16-24BW		
	FDINHX45-10-20-30BW		
	FDINHX45-12-25-36BW		
	FDINHX45-16-30-42BW		
	FDINHX45-20-38-52BW/71/430U		

	C6190-16-20BW		
	C6190-20-20BW/71I/430U		
	C6190-20-24BW/71I/430U		
	C6190-24-24BW/71I/430U		
	C6190-24-32BW/71I/430U		
	C6190-32-32BW/71I/430U		
KOMATSU JIS 30°SEA FEMALE SWIVEL	FKX-04-14BW		
	FKX-06-18BW		
	FKX-08-22BW		
	FKX-10-24BW		
	FKX-12-30BW		
	FKX-12-33BW		
	FKX-12-36BW		
	FKX-16-36BW		
	FKX-24-42BW		
KOMATSU JIS 30°SEA FEMALE SWIVEL 90	FKX90-4-14BW		
	FKX90-6-18BW		
	FKX90-8-22BW		
BRITISH PIPE 60° CO FEMALE SWIVEL	**PART# HB x Thread**		
	FBSPX-04-02BW		
	FBSPX-04-04BW		
	FBSPX-04-06BW		
	FBSPX-06-04BW		
	FBSPX-06-06BW		
	FBSPX-06-08BW		
	FBSPX-08-06BW		
	FBSPX-08-08BW		
	FBSPX-10-10BW		
	FBSPX-12-12BW		
	FBSPX-16-16BW		
	FBSPX-20-20BW/71/430U		
	FBSPX-24-24BW/71/430U		
	FBSPX-32-32BW		
BRITISH STANDARD PIPE 60° CONE 45° FEMALE SWIVEL	FBSPX45-04-04BW		
	FBSPX45-06-06BW		
	FBSPX45-08-08BW		
	FBSPX45-10-10BW		
	FBSPX45-12-12BW		
	FBSPX45-16-16BW		
BRITISH STANDARD PIPE 60° CONE 90° FEMALE SWIVEL	FBSPX90-04-04BW		
	FBSPX90-06-06BW		
	FBSPX90-08-08BW		
	FBSPX90-10-10BW		
	FBSPX90-12-12BW		
	FBSPX90-16-16BW		
DIN HEAVY UNIV SEA 90° F. SWL W/ O'RING	FDINHX-90-06-14-22BW		
	FDINHX-90-08-16-24BW		
	FDINHX-90-10-20-30BW		
	FDINHX-90-12-25-36BW		
	FDINHHX-90-16-30-42BW		
	FDINHX-90-20-38-42BW/71/430U		
	FDINHX-90-24-38-52BW/71/430U		
DIN HEAVY UNIV SEA Ridged Male	MDINH-06-14-22BW		
	MDINH-08-16-24BW		
	MDINH10-20-30BW		
	MDINH12-25-36BW		
	MDINH16-30-42BW		
	MDINH-20-38-52BW/71/430U		
	MDINH-24-38-52BW/71/430U		

Crimp Charts for all the below SAE hose spec types

Crimper brand _____ Model _____

HOSE STYLE/SIZE	Coupling Style	Crimp Dia.		Die Position	_____DIE	Spacer Ring	Setting
100R1AT-04	BW	0.655		FULL			
100R1AT-06	BW	0.790		FULL			
100R1AT-08	BW	0.935		FULL			
100R1AT-10	BW	1.000		FULL			
100R1AT-12	BW	1.250		FULL			
100R1AT-16	BW	1.625		FULL			
100R1AT-20	BW	2.020		FULL			

Crimper brand _____ Model _____

HOSE STYLE/SIZE	Coupling Style	Crimp Dia.		Die Position	_____DIE	Spacer Ring	Setting
100R2AT-04	BW			FULL			
100R2AT-06	BW			FULL			
100R2AT-08	BW			FULL			
100R2AT-10	BW	1.205/1.220		FULL			
100R2AT-12	BW	1.280/1.30		FULL			
100R2AT-16	BW	1.65/1.665		FULL			
100R2AT-20	BW	2.065		FULL			
100R2AT-24	BW	2.400		FULL			
100R2AT-32	BW	2.870		FULL			

Crimper brand _____ Model _____

HOSE STYLE/SIZE	Coupling Style	Crimp Dia.		Die Position	_____DIE	Spacer Ring	Setting
100R4-24	BW	in test		FULL			
100R4-32	BW	in test		FULL			

Crimper brand _____ Model _____

HOSE STYLE/SIZE	Coupling Style	Crimp Dia.		Die Position	_____DIE	Spacer Ring	Setting
100R16-04	BW			FULL			
100R16-06	BW			FULL			
100R16-08	BW			FULL			
100R16-10	BW	1.180		FULL			
100R16-12	BW	1.230		FULL			
100R16-16	BW	1.555		FULL			

Crimper brand _____ Model _____

HOSE STYLE/SIZE	Coupling Style	Crimp Dia.		Die Position	_____DIE	Spacer Ring	Setting
100R17-04 Red. o.d.	BW			Crimp to Line			
100R17-06 Red. o.d.	BW			FULL			
100R17-08 Red. o.d.	BW			FULL			
100R17-10 Red. o.d.	BW	1.170		FULL			
100R17-12 Red. o.d.	BW	1.275		FULL			
100R17-16 Red. o.d.	BW	1.564		FULL			

Crimper brand _____ Model _____

HOSE STYLE/SIZE	Coupling Style	Crimp Dia.		Die Position	_____DIE	Spacer Ring	Setting
100R-KT-04	BW			FULL			
100R-KT-06	BW			FULL			
100R-KT-08	BW			FULL			
100R-KT-10	BW	1.170		FULL			
100R-KT-12	BW	in test		FULL			
100R-KT-16	BW	in test		FULL			

Crimper brand _____ Model _____

HOSE STYLE/SIZE	Coupling Style	Crimp Dia.		Die Position	_____DIE	Spacer Ring	Setting
HJK-04	BW			FULL			
HJK-06	BW			FULL			

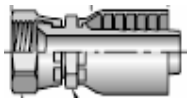
Crimper brand _____ Model _____							
HOSE STYLE/SIZE	**Coupling Style**	**Crimp Dia.**		**Die Position**	**_____DIE**	**Spacer Ring**	**Setting**
100R12-06	BW			FULL			
100R12-08	BW			FULL			
100R12-12	BW	1.320		FULL			
100R12-16	BW	1.630		FULL			
100R12-20	BW	2.045		FULL			
100R12-24	BW	2.375		FULL			
100R12-32	BW	2.885		FULL			

Crimper brand _____ Model _____							
HOSE STYLE/SIZE	**Coupling Style**	**Crimp Dia.**		**Die Position**	**_____DIE**	**Spacer Ring**	**Setting**
4SH-12 BWrated to 5000w	BW	1.320		FULL			
4SH-16 BWrated to 5000w	BW	1.630		FULL			
4SH-20 BWrated to 5000w	BW	1.990		FULL			
4SH-24 BWrated to 4000w	BW	2.390		FULL			

Balflex Crimp Systems Bite to the wire use in place of Parker 43/Aero 1AA/ Weatherhead Z

43I STYLE CRIMP ENDS FOR 100R1AT, 100R2AT, 100R17, 100R16 Hose

37° JIC FEMALE SWIVEL

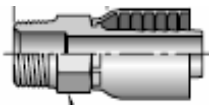


PART# HB x Thread	Parker Part #	
FJX-04-04-43I	10643-4-4	
FJX-04-05-43I	10643-5-4	
FJX-04-06-43I	10643-6-4	
FJX-04-08-43I	10643-8-4	
FJX-06-04-43I	10643-4-6	
FJX-06-06-43I	10643-6-6	
FJX-06-08-43I	10643-8-6	
FJX-06-10-43I	10643-10-6	
FJX-08-06-43I	10643-6-8	
FJX-08-08-43I	10643-8-8	
FJX-08-10-43I	10643-10-8	
FJX-08-12-43I	10643-12-8	
FJX-08-16-43I	10643-16-8	
FJX-10-08-43I	10643-8-10	
FJX-10-10-43I	10643-10-10	
FJX-10-12-43I	10643-12-10	
FJX-12-10-43I	10643-10-12	
FJX-12-12-43I	10643-12-12	
FJX-12-14-43I	10643-14-12	
FJX-12-16-43I	10643-16-12	
FJX-16-12-43I	10643-12-16	
FJX-16-16-43I	10643-16-16	
FJX-16-20-43I	10643-20-16	
FJX-20-20-43I	10643-20-20	
FJX-24-24-43I	10643-24-24	
FJX-32-32-43I	10643-32-32	

37° JIC FEMALE 45° TUBE SWIVEL

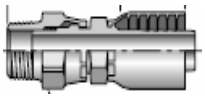
PART# HB x Thread	Parker Part #	
FJX45-04-04-43I	13743-4-4	
FJX45-04-05-43I	13743-5-4	
FJX45-04-06-43I	13743-6-4	
FJX45-06-04-43I	13743-4-6	
FJX45-06-06-43I	13743-6-6	

MALE PIPE NPTF RIGID



PART# HB x Thread	Parker Part #	
MP-04-02-43I	10143-2-4	
MP-04-04-43I	10143-4-4	
MP-04-06-43I	10143-6-4	
MP-04-08-43I	10143-8-4	
MP-06-04-43I	10143-4-6	
MP-06-06-43I	10143-6-6	
MP-06-08-43I	10143-8-6	
MP-08-04-43I	10143-4-8	
MP-08-06-43I	10143-6-8	
MP-08-08-43I	10143-8-8	
MP-08-12-43I	10143-12-8	
MP-10-08-43I	10143-8-10	
MP-10-12-43I	10143-12-10	
MP-12-08-43I	10143-8-12	
MP-12-12-43I	10143-12-12	
MP-12-16-43I	10143-16-12	
MP-16-12-43I	10143-12-16	
MP-16-16-43I	10143-16-16	
MP-20-20-43I	10143-20-20	
MP-24-24-43I	10143-24-24	
MP-32-32-43I	10143-32-32	

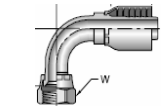
MALE PIPE NPTF SWIVEL

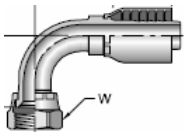


PART# HB x Thread	Parker Part #	
MPX-04-02-43I	11343-2-4	
MPX-04-04-43I	11343-4-4	
MPX-04-06-43I	11343-6-4	
MPX-06-04-43I	11343-4-6	
MPX-06-06-43I	11343-6-6	
MPX-06-08-43I	11343-8-6	
MPX-08-06-43I	11343-6-8	
MPX-08-08-43I	11343-8-8	
MPX-12-12-43I	11343-12-12	
MPX-16-16-43I	11343-16-16	

FJX45-06-08-43I	13743-8-6	
FJX45-08-06-43I	13743-6-8	
FJX45-08-08-43I	13743-8-8	
FJX45-08-10-43I	13743-10-8	
FJX45-10-10-43I	13743-10-10	
FJX45-10-12-43I	13743-12-10	
FJX45-12-12-43I	13743-12-12	
FJX45-12-16-43I	13743-16-12	
FJX45-16-16-43I	13743-16-16	
FJX45-20-20-43I	13743-20-20	
FJX45-24-24-43I	13743-24-24	
FJX45-32-32-43I	13743-32-32	

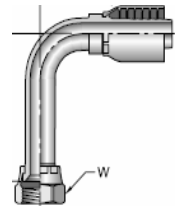
37° JIC FEMALE 90° TUBE SWIVEL





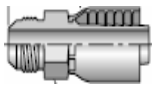
PART# HB x Thread	Parker Part #	
FJX90-04-04-43I	13943-4-4	
FJX90-04-05-43I	13943-5-4	
FJX90-04-06-43I	13943-6-4	
FJX90-06-04-43I	13943-4-6	
FJX90-06-06-43I	13943-6-6	
FJX90-06-08-43I	13943-8-6	
FJX90-08-06-43I	13943-6-8	
FJX90-08-08-43I	13943-8-8	
FJX90-08-10-43I	13943-10-8	
FJX90-08-12-43I	13943-12-8	
FJX90-10-10-43I	13943-10-10	
FJX90-10-12-43I	13943-12-10	
FJX90-12-10-43I	13943-10-12	
FJX90-12-12-43I	13943-12-12	
FJX90-12-16-43I	13943-16-12	
FJX90-16-16-43I	13943-16-16	
FJX90-20-20-43I	13943-20-20	
FJX90-24-24-43I	13943-24-24	
FJX90-32-32-43I	13943-32-32	

37° JIC F. 90°TUBE SWIVEL LONG DROP



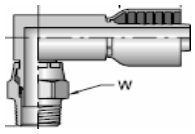
PART# HB x Thread	Parker Part #	
FJX90L-04-04-43I	14143-4-4	
FJX90L-04-06-43I	14143-6-4	
FJX90L-06-04-43I	14143-4-6	
FJX90L-06-06-43I	14143-6-6	
FJX90L-06-08-43I	14143-8-6	
FJX90L-08-08-43I	14143-8-8	
FJX90L-08-10-43I	14143-10-8	
FJX90L-10-10-43I	14143-10-10	
FJX90L-12-12-43I	14143-12-12	
FJX90L-16-16-43I	14143-16-16	
FJX90L-20-20-43I	14143-20-20	

37° JIC MALE RIDGID



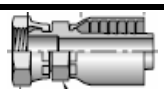
PART# HB x Thread	Parker Part #	
MJ-04-04-43I	10343-4-4	
MJ-04-05-43I	10343-4-5	
MJ-04-06-43I	10343-6-4	
MJ-06-06-43I	10343-6-6	
MJ-06-08-43I	10343-8-6	
MJ-06-10-43I	10343-10-6	
MJ-08-08-43I	10343-8-8	

MALE PIPE SWIVEL 90°



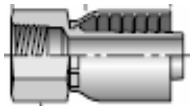
PART# HB x Thread	Parker Part #	
MPX90-04-04-43I	11L43-4-4	
MPX90-04-06-43I	11L43-6-4	
MPX90-06-04-43I	11L43-4-6	
MPX90-06-06-43I	11L43-6-6	
MPX90-06-08-43I	11L43-8-6	
MPX90-08-08-43I	11L43-8-8	
MPX90-12-12-43I	11L43-12-12	

NPSM FEMALE PIPE SWIVEL



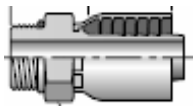
PART# HB x Thread	Parker Part #	
FPX-04-04-43I	10743-4-4	
FPX-06-06-43I	10743-6-6	
FPX-06-08-43I	10743-8-6	
FPX-08-08-43I	10743-8-8	
FPX-12-12-43I	10743-12-12	
FPX-16-16-43I	10743-16-16	

NPSM FEMALE PIPE RIDGID



PART# HB x Thread	Parker Part #	
FP-04-02-43I	10243-2-4	
FP-04-04-43I	10243-4-4	
FP-06-04-43I	10243-4-6	
FP-06-06-43I	10243-6-6	
FP-06-08-43I	10243-6-8	
FP-08-08-43I	10243-8-8	
FP-12-12-43I	10243-12-12	
FP-16-16-43I	10243-16-16	

MALE BOSS O-RING RIDGID



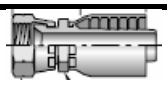
PART# HB x Thread	Parker Part #	
MB-03-04-43I	10543-4-3	
MB-04-04-43I	10543-4-4	
MB-04-05-43I	10543-4-5	
MB-04-06-43I	10543-6-4	
MB-04-08-43I	10543-8-4	
MB-06-06-43I	10543-6-6	
MB-06-08-43I	10543-8-6	
MB-06-10-43I	10543-10-6	
MB-08-08-43I	10543-8-8	
MB-08-10-43I	10543-10-8	
MB-08-12-43I	10543-12-8	
MB-10-08-43I	10543-8-10	
MB-10-10-43I	10543-10-10	
MB-10-12-43I	10543-12-10	
MB-12-10-43I	10543-10-12	
MB-12-12-43I	10543-12-12	
MB-16-16-43I	10543-16-16	

MALE BOSS O-RING SWIVEL

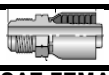
PART# HB x Thread	Parker Part #	
MBX-04-04-43I	10G43-4-4	
MBX-04-06-43I	10G43-6-4	
MBX-06-06-43I	10G43-6-6	
MBX-06-08-43I	10G43-8-6	
MBX-08-08-43I	10G43-8-8	
MBX-08-10-43I	10G43-10-8	
MBX-12-12-43I	10G43-12-12	

	MJ-08-10-43I	10343-10-8	
	MJ-08-12-43I	10343-12-8	
	MJ-10-08-43I	10343-08-10	
	MJ-10-10-43I	10343-10-10	
	MJ-10-12-43I	10343-12-10	
	MJ-12-10-43I	10343-10-12	
	MJ-12-12-43I	10343-12-12	
	MJ-12-14-43I	10343-14-12	
	MJ-12-16-43I	10343-16-12	
	MJ-16-16-43I	10343-16-16	
	MJ-20-20-43I	10343-20-20	
	MJ-20-24-43I	10343-24-20	

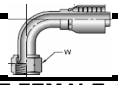
45 SAE FEMALE SWIVEL

	PART# HB x Thread	Parker Part #	
	FSX-04-06-43I		
	FSX-06-06-43I	10843-	
	FSX-12-12-43I	10843-	

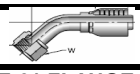
45 SAE MALE RIDGID

	PART# HB x Thread	Parker Part #	
	MS-06-06-43I	10443-	
	MS-12-12-43I	10443-	

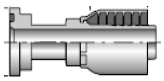
45° SAE FEMALE 90° TUBE SWIVEL

	PART# HB x Thread	Parker Part #	
	FSX90-06-06-43I	17943-	
	FSX90L-06-06-43I	17943-	

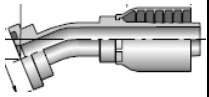
45° SAE FEMALE 45° TUBE SWIVEL

	PART# HB x Thread	Parker Part #	
	FSX45-06-06-43I	17743-	
	FSX45-12-12-43I	17743-	

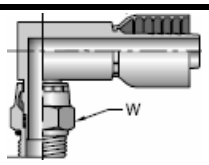
CODE 61 FLANGE RIDGID

	PART# HB x Thread	Parker Part #	
	C61-08-08-43I	11543-	
	C61-08-12-43I	11543-	
	C61-12-12-43I	11543-	
	C61-12-16-43I	11543-	
	C61-16-16-43I	11543-	
	C61-16-20-43I	11543-	
	C61-20-20-43I	11543-	
	C61-20-24-43I	11543-	
	C61-20-32-43I	11543-	
	C61-24-24-43I	11543-	
	C61-24-32-43I	11543-	
	C61-32-24-43I	11543-	
	C61-32-32-43I	11543-	

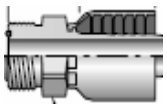
CODE 61 FLANGE RIDGID 45

	PART# HB x Thread	Parker Part #	
	C6145-08-08-43I	11643-	
	C6145-08-12-43I	11643-	
	C6145-12-12-43I	11643-	
	C6145-12-16-43I	11643-	
	C6145-16-16-43I	11643-	
	C6145-16-20-43I	11643-	
	C6145-20-20-43I	11643-	
	C6145-20-24-43I	11643-	
	C6145-24-24-43I	11643-	
	C6145-24-32-43I	11643-	
	C6145-32-32-43I	11643-	

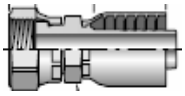
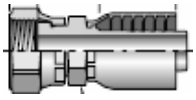
MALE BOSS O-RING SWIVEL 90

	PART# HB x Thread	Parker Part #	
	MBX90-04-04-43I	10L43-4-4	
	MBX90-04-06-43I	10L43-6-4	
	MBX90-06-06-43I	10L43-6-6	
	MBX90-06-08-43I	10L43-8-6	
	MBX90-06-10-43I	10L43-10-6	
	MBX90-08-08-43I	10L43-8-8	
	MBX90-08-10-43I	10L43-10-8	
	MBX90-12-12-43I	10L43-12-12	

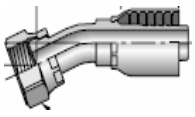
MALE FACE SEAL RIDGID

	PART# HB x Thread		
	MF-04-04-43I	1J043-4-4	
	MF-06-06-43I	1J043-6-6	
	MF-06-08-43I	1J043-8-6	
	MF-08-08-43I	1J043-8-8	
	MF-08-10-43I	1J043-10-8	
	MF-08-12-43I	1J043-12-8	
	MF-10-10-43I	1J043-10-10	
	MF-10-12-43I	1J043-12-10	
	MF-12-12-43I	1J043-12-12	
	MF-16-16-43I	1J043-16-16	

O-RING FACE SEAL FEMALE SWIVEL

	PART# HB x Thread	Parker Part #	
	FFX-04-04-43I	1JC43-4-4	
	FFX-04-06-43I	1JC43-6-4	
	FFX-04-08-43I	1JC43-8-4	
	FFX-06-04-43I	1JC43-4-6	
	FFX-06-06-43I	1JC43-6-6	
	FFX-06-08-43I	1JC43-8-6	
	FFX-08-06-43I	1JC43-6-8	
	FFX-08-08-43I	1JC43-8-8	
	FFX-08-10-43I	1JC43-10-8	
	FFX-08-12-43I	1JC43-12-8	
	FFX-10-08-43I	1JC43-8-10	
	FFX-10-10-43I	1JC43-10-10	
	FFX-10-12-43I	1JC43-12-10	
	FFX-12-10-43I	1JC43-10-12	
	FFX-12-12-43I	1JC43-12-12	
	FFX-12-16-43I	1JC43-16-12	
	FFX-16-12-43I	1JC43-12-16	
	FFX-16-16-43I	1JC43-16-16	
	FFX-16-20-43I	1JC43-20-16	
	FFX-20-16-43I	1JC43-16-20	
	FFX-20-20-43I	1JC43-20-20	
	FFX-20-24-43I	1JC43-24-20	
	FFX-24-24-43	1JC43-24-24	

0-RING FACE SEAL FEMALE 45°TUBE SWIVEL

	PART# HB x Thread	Parker Part #	
	FFX45-04-04-43I	1J743-4-4	
	FFX45-04-06-43I	1J743-6-4	
	FFX45-04-08-43I	1J743-6-4	
	FFX45-06-06-43I	1J743-6-6	
	FFX45-06-08-43I	1J743-8-6	
	FFX45-08-06-43I	1J743-6-8	
	FFX45-08-08-43I	1J743-8-8	
	FFX45-08-10-43I	1J743-10-8	

CODE 61 FLANGE RIDGID 90

PART# HB x Thread	Parker Part #
C6190-08-08-43I	11943-
C6190-08-12-43I	11943-
C6190-12-12-43I	11943-
C6190-12-16-43I	11943-
C6190-16-16-43I	11943-
C6190-16-20-43I	11943-
C6190-20-20-43I	11943-
C6190-20-24-43I	11943-
C6190-24-24-43I	11943-
C6190-24-32-43I	11943-
C6190-32-32-43I	11943-

DIN HEAVY UNIVERSAL SEAT RIDGID MALE

PART# HB x Thread	
M-DINH-04-16-43I	1D243-
M-DINH-04-18-43I	1D243-
M-DINH-06-16-43I	
M-DINH-06-20-43I	1D243-
M-DINH-06-22-43I	1D243-
M-DINH-08-24-43I	1D243-

DIN HEAVY UNIVERSAL SEAT F.SWIVEL

PART# HB x Thread	
FDINHX-04-08-16-43I	1C343-
FDINHX-04-10-18-43I	1C343-
FDINHX-06-12-20-43I	1C343-
FDINHX-06-14-22-43I	1C343-
FDINHX-08-16-24-43I	1C343-
FDINHX-10-20-30-43I	1C343-
FDINHX-12-20-30-43I	1C343-
FDINHX-12-25-36-43I	1C343-
FDINHX-16-30-42-43I	1C343-

DIN HVY UNIVERSAL SEAT 90 TUBE F. SW

PART# HB x Thread	Parker Part #
FDINHX90-04-08-16-43I	
FDINHX90-04-10-18-43I	
FDINHX90-06-08-16-43I	
FDINHX90-06-12-20-43I	
FDINHX90-06-14-22-43I	
FDINHX90-08-16-24-43I	11C43-
FDINHX90-10-20-30-43I	11C43-
FDINHX90-12-20-30-43I	11C43-
FDINHX90-12-25-36-43I	11C43-
FDINHX9016-30-42-43I	11C43-

DIN HVY UNIVERSAL SEAT 45° TUBE F.SW

	Parker Part #
FDINHX45-04-08-16-43I	
FDINHX45-04-10-18-43I	10C43-
FDINHX45-06-08-16-43I	10C43-
FDINHX45-06-12-20-43I	10C43-
FDINHX45-06-14-22-43I	10C43-
FDINHX45-08-16-24-43I	10C43-
FDINHX45-10-20-30-43I	10C43-
FDINHX45-12-20-30-43I	10C43-
FFX45-08-12-43I	1J743-12-8
FFX45-10-10-43I	1J743-10-10
FFX45-10-12-43I	1J743-12-10
FFX45-12-10-43I	1J743-10-12
FFX45-12-12-43I	1J743-12-12
FFX45-16-12-43I	1J743-12-16
FFX45-16-16-43I	1J743-16-16
FFX45-20-20-43I	1J743-20-20
FFX45-20-24-43I	1J743-24-20
FFX45-24-24-43I	1J743-24-24

0-RING FACE SEAL FEMALE 90°TUBE SWIVEL

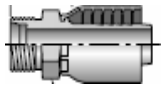
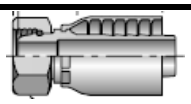
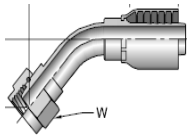
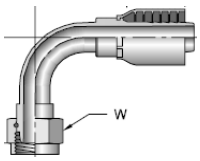
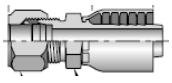
PART# HB x Thread	Parker Part #
FFX90-04-04-43I	1J943-4-4
FFX90-04-06-43I	1J943-6-4
FFX90-06-04-43I	1J943-4-6
FFX90-06-06-43I	1J943-6-6
FFX90-06-08-43I	1J943-8-6
FFX90-08-06-43I	1J943-6-8
FFX90-08-08-43I	1J943-8-8
FFX90-08-10-43I	1J943-10-8
FFX90-08-12-43I	
FFX90-10-10-43I	1J943-10-10
FFX90-10-12-43I	1J943-12-10
FFX90-12-10-43I	1J943-10-12
FFX90-12-12-43I	1J943-12-12
FFX90-12-16-43I	
FFX90-16-12-43I	
FFX90-16-16-43I	1J943-16-16
FFX90-16-20-43I	
FFX90-20-16-43I	
FFX90-20-20-43I	1J943-20-20
FFX90-20-24-43I	
FFX90-24-24-43I	

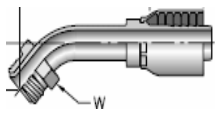
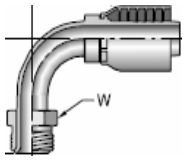
0-RING FACE SEAL F.90°SW LONG DROP

PART# HB x Thread	Parker Part #
FFX90L-04-04-43I	1J043-4-4
FFX90L-04-06-43I	1J043-6-4
FFX90L-06-06-43I	1J043-6-6
FFX90L-06-08-43I	1J043-8-6
FFX90L-08-08-43I	1J043-8-8
FFX90L-08-10-43I	1J043-10-8
FFX90L-10-10-43I	1J043-10-10
FFX90L-12-12-43I	1J043-12-12
FFX90L-16-16-43I	1J043-16-16

45° SAE MALE INVERTED FLARE

PART# HB x Thread	
MIX-04-03-43I	12843-3-4
MIX-04-04-43I	12843-4-4
MIX-04-05-43I	12843-5-4
MIX-04-06-43I	12843-6-4
MIX-06-04-43I	12843-4-6
MIX-06-05-43I	12843-5-6
MIX-06-06-43I	12843-6-6
MIX-06-07-43I	12843-7-6
MIX-08-08-43I	12843-8-8

	FDINHX45-12-25-36-43I	10C43-	
	FDINHX45-16-30-42-43I	10C43-	
DIN LIGHT UNIVERSAL SEAT RIDGID MALE			
	PART# HB x Thread		
	M-DINL-04-14-43I	1D043-	
	M-DINL-06-16-43I	1D043-	
	M-DINL-06-18-43I	1D043-	
	M-DINL-08-22-43I	1D043-	
	M-DINL-10-26-43I	1D043-	
	M-DINL-12-30-43I	1D043-	
	M-DINL-16-36-43I	1D043-	
DIN LIGHT UNIVERSAL SEAT F.SWIVEL			
	PART# HB x Thread		
	FDINLX-04-06-12-43I	1C343-	
	FDINLX-04-08-14-43I	1C343-	
	FDINLX-04-10-16-43I	1C343-	
	FDINLX-06-10-16-43I	1C343-	
	FDINLX-06-12-18-43I	1C343-	
	FDINLX-06-15-22-43I	1C343-	
	FDINLX-08-15-22-43I	1C343-	
	FDINLX-08-18-26-43I	1C343-	
	FDINLX-10-18-26-43I	1C343-	
	FDINLX-12-18-26-43I	1C343-	
	FDINLX-12-22-30-43I	1C343-	
	FDINLX-16-28-36-43I	1C343-	
DIN LIGHT UNIV. SEAT 45 TUBE F.SWIVEL			
	PART# HB x Thread		
	FDINLX45-04-06-12-43I	1C443-	
	FDINLX45-04-08-14-43I	1C443-	
	FDINLX45-04-10-16-43I	1C443-	
	FDINLX45-06-10-16-43I	1C443-	
	FDINLX45-06-12-18-43I	1C443-	
	FDINLX45-06-15-22-43I	1C443-	
	FDINLX45-08-15-22-43I	1C443-	
	FDINLX45-08-18-26-43I	1C443-	
	FDINLX45-10-18-26-43I	1C443-	
	FDINLX45-12-18-26-43I	1C443-	
	FDINLX45-12-22-30-43I	1C443-	
	FDINLX45-16-28-36-43I	1C443-	
DIN LIGHT UNIV. SEAT 90 TUBE F.SWIVEL			
	PART# HB x Thread		
	FDINLX90-04-06-12-43I	1C543-	
	FDINLX90-04-08-14-43I	1C543-	
	FDINLX0-04-10-16-43I	1C543-	
	FDINLX90-06-10-16-43I	1C543-	
	FDINLX90-06-12-18-43I	1C543-	
	FDINLX90-06-15-22-43I	1C543-	
	FDINLX90-08-15-22-43I	1C543-	
	FDINLX90-08-18-26-43I	1C543-	
	FDINLX90-10-18-26-43I	1C543-	
	FDINLX90-12-18-26-43I	1C543-	
	FDINLX90-12-22-30-43I	1C543-	
	FDINLX90-16-28-36-43I	1C543-	
FLARELESS COMPRESSION SAW J513			
	PART# HB x Thread		
	MT-04-04-43I	11143-	
	MT-04-06-43I	11143-	
	MT-06-05-43I	11143-	
	MT-06-06-43I	11143-	
	MT-06-08-43I	11143-	
	MT-08-08-43I	11143-	
	MT-08-10-43I	11143-	
	MT-12-12-43I	11143-	
	MT-16-16-43I	11143-	

45° SAE MALE INVERTED FLARE 45°			
	PART# HB x Thread		
	MIX45-04-03-43I	16743-3-4	
	MIX45-04-04-43I	16743-4-4	
	MIX45-04-05-43I	16743-5-4	
	MIX45-04-06-43I	16743-6-4	
	MIX45-06-04-43I	16743-4-6	
	MIX45-06-05-43I	16743-5-6	
	MIX45-06-06-43I	16743-6-6	
	MIX45-06-07-43I	16743-7-6	
	MIX45-08-08-43I	16743-8-8	
45° SAE MALE INVERTED FLARE 90°			
	PART# HB x Thread		
	MIX90-04-03-43I	16943-3-4	
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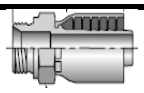
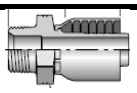
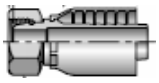
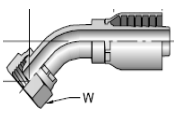
	MIX90-04-06-43I	16943-6-4	
	MIX90-06-04-43I	16943-4-6	
	MIX90-06-05-43I	16943-5-6	
	MIX90-06-06-43I	16943-6-6	
	MIX90-06-07-43I	16943-7-6	
	MIX90-08-08-43I	16943-8-8	
BRITISH PARALLEL PIPE 60°CONE MALE RIDGID			
	PART# HB x Thread	**Parker Part #**	
	M-BSPP-04-04-43I	1D943-4-4	
	M-BSPP-06-06-43I	1D943-6-6	
	M-BSPP-06-08-43I	1D943-6-8	
	M-BSPP-08-06-43I	1D943-6-8	
	M-BSPP-08-08-43I	1D943-8-8	
	M-BSPP-12-12-43I	1D943-12-12	
BRITISH STANDARD PIPE 60°CONE MALE RIDGID			
	PART# HB x Thread	**Parker Part #**	
	M-BSPT-04-04-43I		
	M-BSPT-06-06-43I		
	M-BSPT-08-08-43I		
	M-BSPT-12-12-43I		
	M-BSPT-16-16-43I		
BRITISH STANDARD PIPE 60° CONE F.SW			
	PART# HB x Thread	**Parker Part #**	
	F-BSPX-04-04-43I	19243-4-4	
	F-BSPX-04-06-43I	19243-6-4	
	F-BSPX-06-06-43I	19243-6-6	
	F-BSPX-06-08-43I	19243-8-6	
	F-BSPX-08-08-43I	19243-8-8	
	F-BSPX-10-10-43I	19243-10-10	
	F-BSPX-12-12-43I	19243-12-12	
	F-BSPX-16-16-43I	19243-16-16	
	F-BSPX-20-20-43I	19243-20-20	
BRITISH STANDARD PIPE 60°C 45° TUBE F.SW			
	PART# HB x Thread	**Parker Part #**	
	F-BSPX45-04-04-43I	1B143-4-4	
	F-BSPX45-06-06-43I	1B143-6-6	
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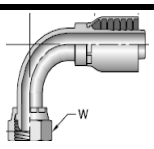
	F-BSPX45-10-10-43I	1B143-10-10	
	F-BSPX45-12-12-43I	1B143-12-12	
	F-BSPX45-16-16-43I	1B143-16-16	
BRITISH STANDARD PIPE 60° 90° TUBE F.SW			
	PART# HB x Thread	**Parker Part #**	
	F-BSPX90-04-04-43I	1B443-4-4	
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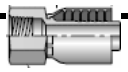
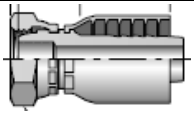
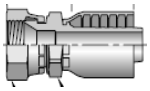
	F-BSPX90-08-08-43I	1B443-8-8	
	F-BSPX90-10-10-43I	1B443-10-10	
	F-BSPX90-12-12-43	1B443-12-12	
	F-BSPX90-16-16-43I	1B443-16-16	

FEMALE GREASE TAP RIDGID	PART# HB x Thread			Karcher Pressure wash Female Swivel	PART# HB x Thread	Parker Part #	
	GT-04-08-43I	12843-8-4			F-KAR-04-22-43i		
	GT-06-08-43I	12843-8-6			F-KAR-06-22-43I		

KOMATSU JIS 30° SEAT FEMALE SWIVEL	PART# HB x Thread	Parker Part #		JIS 30° SEAT FEMALE SWIVEL	PART# HB x Thread	Parker Part #	
	F-KOMX-04-14-43I				F-JISX-04-04-43I	1MU43-	
	F-KOMX-06-14-43I				F-JISX-06-06-43I	1MU43-	
	F-KOMX-06-18-43I				F-JISX-08-08-43I	1MU43-	
	F-KOMX-08-22-43I				F-JISX-12-12-43I	1MU43-	
	F-KOMX-08-24-43I				F-JISX-16-16-43I	1MU43-	
	F-KOMX-10-24-43I						
	F-KOMX-12-30-43I						
	F-KOMX-16-33-43I						

Crimp Charts for all the below SAE hose spec types

Crimper brand _____ Model _____

HOSE STYLE/SIZE	Coupling Style	Crimp Dia.		Die Position	_____DIE	Spacer Ring	Setting
100R1AT-04	43I	0.645/0.665		FULL			
100R1AT-06	43I	0.825/0.845		FULL			
100R1AT-08	43I	0.945/.0965		FULL			
100R1AT-10	43I	1.060/1.080		FULL			
100R1AT-12	43I	1.245/1.265		FULL			
100R1AT-16	43I	1.590/1.610		FULL			
100R1AT-20	43I	1.970/1.990		FULL			

Crimper brand _____ Model _____

HOSE STYLE/SIZE	Coupling Style	Crimp Dia.		Die Position	_____DIE	Spacer Ring	Setting
100R2AT-04	43I	0.685/0.705		FULL			
100R2AT-06	43I	0.865/0.885		FULL			
100R2AT-08	43I	0.985/1.005		FULL			
100R2AT-10	43I	1.100/1.120		FULL			
100R2AT-12	43I	1.285/1.305		FULL			
100R2AT-16	43I	1.630/1.650		FULL			
100R2AT-20	43I	2.010/2.030		FULL			
100R2AT-24	43I	2.330/2.350		FULL			
100R2AT-32	43I	2.775/2.795		FULL			

Crimper brand _____ Model _____

HOSE STYLE/SIZE	Coupling Style	Crimp Dia.		Die Position	_____DIE	Spacer Ring	Setting
100R16-04	43I	0.645		FULL			
100R16-06	43I	0.815		FULL			
100R16-08	43I	0.945		FULL			
100R16-10	43I	1.080		FULL			
100R16-12	43I	1.245		FULL			
100R16-16	43I	1.595		FULL			

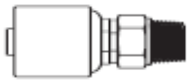
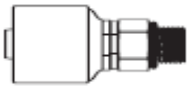
Crimper brand _____ Model _____

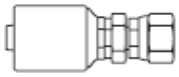
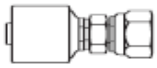
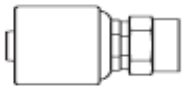
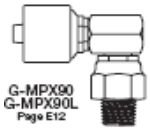
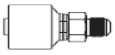
HOSE STYLE/SIZE	Coupling Style	Crimp Dia.		Die Position	_____DIE	Spacer Ring	Setting
100R17-04 Red. o.d.	43I	0.620/0.640		Crimp to Line			
100R17-06 Red. o.d.	43I	0.79/0.81		FULL			
100R17-08 Red. o.d.	43I	0.915/0.935		FULL			
100R17-10 Red. o.d.	43I	1.075/1.09		FULL			
100R17-12 Red. o.d.	43I	1.245/1.265		FULL			
100R17-16 Red. o.d.	43I	1.590/1.610		FULL			

Crimper brand _____ Model _____							
HOSE STYLE/SIZE	**Coupling Style**	**Crimp Dia.**		**Die Position**	**_____DIE**	**Spacer Ring**	**Setting**
100R-KT-04	43I	0.645/0.665		FULL			
100R-KT-06	43I	0.825/0.845		FULL			
100R-KT-08	43I	0.945/0.965		FULL			
100R-KT-10	43I	1.060/1.080		FULL			
100R-KT-12	43I	1.245/1.265		FULL			
100R-KT-16	43I	1.590/1.610		FULL			
Crimper brand _____ Model _____							
HOSE STYLE/SIZE	**Coupling Style**	**Crimp Dia.**		**Die Position**	**_____DIE**	**Spacer Ring**	**Setting**
HJK-04	43I			FULL			
HJK-06	43I			FULL			

Dealer-Distributor Pricing: Gates Gobal Style Crimp Ends

For 100R1AT, 100R16, 100R17, 100R2AT

MALE PIPE NPTF RIGID	**PART# HB x Thread**			**MALE BOSS O-RING RIGID**	**PART# HB x Thread**		
	4G-2MP				4G-4MB		
	4G-4MP				4G-5MB		
	4G-6MP				4G-6MB		
	4G-8MP				6G-6MB		
	6G-4MP				6G-8MB		
	6G-6MP				6G-10MB		
	6G-8MP				8G-8MB		
	8G-6MP				8G-10MB		
	8G-8MP				8G-12MB		
	8G-12MP				10G-10MB		
	10G-8MP				10G-12MB		
	10G-12MP				12G-12MB		
	12G-8MP				16G-16MB		
	12G-12MP				20G-20MB		
	12G-16MP			**MALE BOSS O-RING SWIVEL**	4G-4MBX		
	16G-12MP				4G-6MBX		
	16G-16MP				6G-6MBX		
	20G-20MP				6G-8MBX		
MALE PIPE NPTF SWIVEL	**PART# HB x Thread**				6G-10MBX		
					8G-8MBX		
	4G-2MPX				8G-10MBX		
	4G-4MPX				12G-12MBX		
	4G-6MPX			**MALE BOSS O-RING SWIVEL 90°**	4G-6MBX90		
	6G-4MPX				6G-6MBX90		
	6G-6MPX				6G-8MBX90		
	6G-8MPX				6G-10MBX90		
	8G-6MPX				8G-8MBX90		
	8G-8MPX				8G-10MBX90		
	10G-12MPX				8G-12MBX90		
	12G-8MPX				10G-10MBX90		
	12G-12MPX				10G-12MBX90		
	16G-16MPX				12G-12MBX90		

NPSM FEMALE PIPE SWIVEL	4G-4FPX			**37° JIC FEMALE SWIVEL**	4G-4FJX		
	6G-6FPX				4G-5FJX		
	8G-8FPX				4G-6FJX		
	12G-12FPX				5G-6FJX		
	16G-16FPX				6G-4FJX		
NPSM FEMALE PIPE RIGID	4G-2FP				6G-5FJX		
	4G-4FP				6G-6FJX		
	6G-4FP				6G-8FJX		
	6G-6FP				6G-10FJX		
	8G-8FP				8G-6FJX		
	12G-12FP				8G-8FJX		
MALE PIPE SWIVEL 90°	4G-4MPX90				8G-10FJX		
	4G-6MPX90				8G-12FJX		
	6G-4MPX90				10G-8FJX		
	6G-6MPX90				10G-10FJX		
	6G-8MPX90				10G-12FJX		
	8G-8MPX90				12G-10FJX		
	12G-12MPX90				12G-12FJX		
37° JIC MALE RIGID	4G-4MJ				12G-14FJX		
	4G-5MJ				12G-16FJX		
	4G-6MJ				16G-12FJX		
	5G-6MJ				16G-16FJX		
	6G-6MJ				16G-20FJX		
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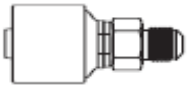
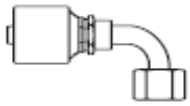
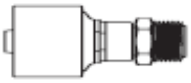
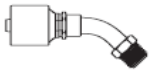
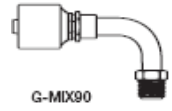
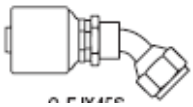
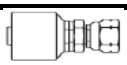
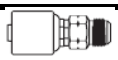
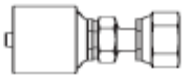
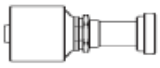
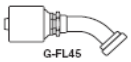
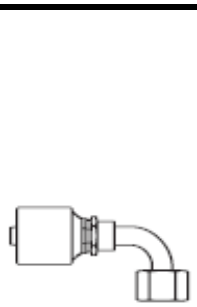
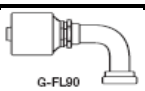
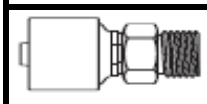
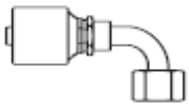
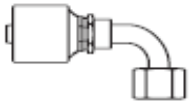
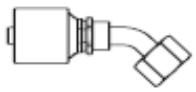
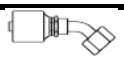
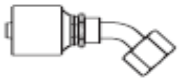
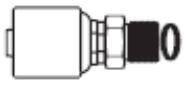
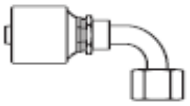
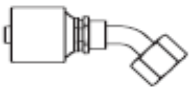
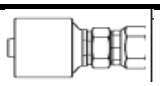
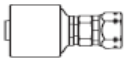
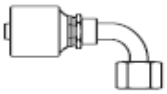
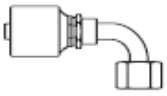
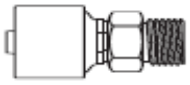
	6G-10MJ			**37° JIC FEMALE 90° TUBE SWIVEL**	4G-4FJX90S		
	8G-8MJ				4G-4FJX90M		
	8G-10MJ				4G-4FJX90L		
	8G-12MJ				4G-5FJX90S-023		
	10G-10MJ				4G-5FJX90M		
	10G-12MJ				4G-6FJX90S		
	12G-12MJ				4G-6FJX90M		
	12G-14MJ				6G-4FJX90S		
	12G-16MJ				6G-6FJX90S		
	16G-16MJ				6G-6FJX90M		
	20G-20MJ				6G-6FJX90L		
45° SAE MALE INVERTED FLARE	4G-4MIX				6G-8FJX90S		
	4G-5MIX				6G-8FJX90M		
	6G-4MIX				6G-8FJX90L		
	6G-5MIX				8G-8FJX90S		
	6G-6MIX				8G-8FJX90M		
	6G-7MIX				8G-8FJX90L		
	8G-8MIX				8G-10FJX90S		
	10G-10MIX				8G-10FJX90M		
45° SAE MALE INVERTED FLARE 45°	6G-4MIX45				8G-10FJX90L		
	6G-5MIX45				10G-10FJX90S-036		
	6G-6MIX45				10G-10FJX90M		
	6G-7MIX45				10G-10FJX90L		
	8G-8MIX45				10G-12FJX90S		
	10G-10MIX45				12G-10FJX90M		
45° SAE MALE INVERTED FLARE 90°	4G-4MIX90				12G-12FJX90S		
	4G-5MIX90				12G-12FJX90M		
	6G-4MIX90				12G-12FJX90L		
	6G-5MIX90				12G-16FJX90S		
	6G-6MIX90				12G-16FJX90M		
	6G-7MIX90				16G-16FJX90S		
	8G-8MIX90				16G-16FJX90M		
	10G-10MIX90				16G-16FJX90L		

FLARELESS COMPRESSION J514	4G-4MFA				16G-20FJX90S		
	4G-5MFA				20G-20FJX90M		
	6G-4MFA				20G-20FJX90L		
	6G-5MFA			**37° JIC FEMALE 45° TUBE SWIVEL**	4G-4FJX45S		
	6G-6MFA				4G-5FJX45		
	6G-8MFA				4G-6FJX45S		
	8G-8MFA				6G-6FJX45S		
	8G-10MFA				6G-8FJX45S		
	12G-12MFA				8G-8FJX45S		
	16G-16MFA				8G-10FJX45S		
45 SAE FEMALE SWIVEL	**PART# HB x Thread**				10G-10FJX45S		
	4G-6JSX				10G-12FJX45S		
	6G-6FSX				12G-12FJX45S		
	12G-12FSX				16G-16FJX45S		
45 SAE MALE RIGID				**O-RING FACE SEAL FEMALE SWIVEL**	4G-4FFORX		
	PART# HB x Thread				4G-6FFORX		
	6G-6MS				4G-8FFORX		
	12G-12MS				6G-6FFORX		
45°SAE FEMALE 90°TUBE SWIVEL					6G-8FFORX		
	PART# HB x Thread				6G-10FFORX		
	6G-6FSX90				8G-8FFORX		
	12G-12FSX90				8G-10FFORX		
FEMALE GREASE TAP RIGID	**Female Grease Thread**				8G-12FFORX		
	4G-8FG				10G-10FFORX		
	6G-8FG				10G-12FFORX		
CODE 61 FLANGE RIGID	8G-8FL				12G-10FFORX		
	12G-12FL				12G-12FFORX		
	12G-16FL				12G-16FFORX		
	16G-16FL				16G-12FFORX		
	16G-20FL				16G-16FFORX		
CODE 61 FLANGE RIGID 45° TUBE	8G-8FL45				16G-20FFORX		
	12G-12FL45M				20G-20FFORX		
	16G-16FL45S			**0-RING FACE SEAL FE 90° TUBE SWIVEL**	4G-4FFORX90S		
CODE 61 FLANGE RIGID 90° TUBE	8G-8FL90M				4G-4FFORX90M		
	12G-12FL90M				4G-4FFORX90L		
	12G-16FL90S				4G-6FFORX90S		
	16G-16FL90				4G-6FFORX90M		
	16G-20FL90				4G-6FFORX90L		
DIN LIGHT U. SEAT FEMALE SWIVEL	4G-6FDLORX				4G-8FFORX90S		
	4G-8FDLORX				6G-4FFORX90S		
	4G-10FDLORX				6G-6FFORX90S		
	4G-12FDLORX				6G-6FFORX90M		
	6G-10FDLORX				6G-6FFORX90L		
	6G-12FDLORX				6G-8FFORX90S		
	8G-15FDLORX				6G-8FFORX90M		
	10G-18FDLORX				6G-8FFORX90L		
	12G-22FDLORX				8G-6FFORX90S		
	16G-28FDLORX				8G-6FFORX90L		
	20G-35FDLORX				8G-8FFORX90S		
DIN LIGHT U. SEAT RIGID MALE	4G-6MDL				8G-8FFORX90M		
	4G-8MDL				8G-8FFORX90L		
	4G-10MDL				8G-10FFORX90S		
	6G-10MDL				8G-10FFORX90M		
	6G-12MDL				8G-10FFORX90L		
	6G-15MDL				8G-12FFORX90S		
	8G-15MDL				10G-8FFORX90S		
	10G-18MDL				10G-8FFORX90L		
	12G-22MDL				10G-10FFORX90S		
	16G-28MDL				10G-10FFORX90M		
	20G-35MDL				10G-10FFORX90L		

DIN LIGHT U. SEAT	4G-6FDLORX90				10G-12FFORX90S		
90° TUBE F. SWIVEL	4G-8FDLORX90				12G-10FFORX90S		
	4G-10FDLORX90				12G-12FFORX90S		
	6G-10FDLORX90				12G-12FFORX90M		
	6G-12FDLORX90				12G-12FFORX90L		
	8G-15FDLORX90				12G-16FFORX90S		
	10G-18FDLORX90				16G-12FFORX90S		
	12G-22FDLORX90				16G-16FFORX90S		
	16G-28FDLORX90				16G-16FFORX90M		
	20G-35FDLORX90				16G-16FFORX90L		
DIN LIGHT U. SEAT	4G-8FDLORX45				16G-20FFORX90S		
45° TUBE F. SWIVEL	4G-10FDLORX45				16G-20FFORX90M		
	6G-10FDLORX45				20G-20FFORX90S		
	6G-12FDLORX45				20G-20FFORX90M		
	8G-15FDLORX45				20G-20FFORX90L		
	10G-18FDLORX45			**0-RING FACE SEAL**	4G-4FFORX45S		
	12G-22FDLORX45			**FEMALE 45°TUBE SW**	4G-6FFORX45S		
	16G-28FDLORX45				6G-4FFORX45S		
	20G-35FDLORX45				6G-6FFORX45S		
DIN HEAVY U. SEAT	4G-8FDHORX				6G-8FFORX45S		
FEMALE SWIVEL	4G-10FDHORX				8G-8FFORX45S		
	4G-12FDHORX				8G-10FFORX45S		
	6G-10FDHORX				8G-12FFORX45S		
	6G-12FDHORX				10G-8FFORX45SS		
	6G-14FDHORX				10G-10FFORX45S		
	8G-12FDHORX				10G-12FFORX45S		
	8G-14FDHORX				12G-10FFORX45S		
	8G-16FDHORX				12G-12FFORX45S		
	10G-20FDHORX				12G-16FFORX45S		
	12G-20FDHORX				16G-12FFORX45S		
	12G-25FDHORX				16G-16FFORX45S		
	16G-25FHORX				20G-20FFORX45S		
	16G-30FHDORX			**MALE FACE SEAL**	4G-4MFFOR		
	20G-38FHDORX			**RIGID**	4G-6MFFOR		
DIN HEAVY U. SEAT	4G-8FDHORX90				6G-6MFFOR		
90°TUBE F. SWIVEL	4G-10FDHORX90				6G-8MFFOR		
	6G-10FDHORX90				6G-10MFFOR		
	6G-12FDHORX90				8G-8MFFOR		
	6G-14FDHORX90				8G-10MFFOR		
	8G-14FDHORX90				8G-12MFFOR		
	8G-16FDHORX90				10G-10MFFOR		
	10G-20FDHORX90				10G-12MFFOR		
	10G-25FDHORX90				12G-12MFFOR		
	12G-20FDHORX90				12G-16MFFOR		
	12G-25FDHORX90				16G-16MFFOR		
	16G-25FDHORX90				16G-20MFFOR		
DIN HEAVY U. SEAT	4G-8FDHORX45				20G-20MFFOR		
45° TUBE F.SWIVEL	4G-10FDHORX45			**BRITISH PIPE 60°CON**	4G-2FBSPORX		
	6G-10FDHORX45			**FEMALE SWIVEL**	4G-4FBSPORX		
	6G-12FDHORX45				4G-6FBSPORX		
	8G-14FDHORX45				6G-6FBSPORX		
	8G-16FDHORX45				6G-8FBSPORX		
	10G-20FDHORX45				8G-8FBSPORX		
	10G-25FDHORX45				8G-10FBSP0RX		
	12G-25FDHORX45				10G-10FBSPORX		
JIS 30° SEAT	4G-4FJISX				10G-12FBSPORX		
FEMALE SWIVEL	6G-6FJISX				12G-12FBSPORX		
	8G-8FJISX				12G-16FBSPORX		
	12G-12FJISX				16G-16FBSPORX		
	16G-16FJISX				20G-20FBSPORX		

	20G-20FJISX			**BRITISH PIPE 60°CON**	4G-4FBSPORX90		
KOMATSU JIS 30°SEA	4G-4FKX			**45° FEMALE SWIVEL**	6G-6FBSPORX90		
FEMALE SWIVEL	4G-6FKX				8G-8FBSPORX90		
	6G-6FKX				10G-10FBSPORX90		
	8G-8FKX				12G-12FBSPORX90		
	10G-10FKX				16G-16FBSPORX90		
	12G-12FKX				20G-20FBSPORS90		
	16G-16FKX			**BRITISH PIPE 60°CON**	4G-4FBSPORX45		
BRITISH TAPERED PIPE 60° CONE				**90° FEMALE SWIVEL**	6G-6FBSPORX45		
MALE RIGID	4G-4MBSPP				6G-8FBSPORX45		
	6G-4MBSPP				8G-8FBSPORX45		
	6G-6MBSPP				8G-10FBSPORX45		
	6G-8MBSPP				10G-10FBSPORX45		
	8G-8MBSPP				12G-12FBSPORX45		
	10G-10MBSPP				16G-16FBSPORX45		
	12G-12MBSPP			**BRITISH TAPERED PIPE 60° CONE**			
	16G-16MBSPP			**MALE RIGID**	4G-4MBSPT		
	20G-20MBSPP				6G-6MBSPT		
					8G-8MBSPT		
					10G-10MBSPT		
					12G-12MBSPT		
					16G-16MBSPT		

Crimp Charts for all the below SAE hose spec types

Crimper brand _____ Model _____

HOSE STYLE/SIZE	Coupling Style	Crimp Dia.		Die Position	_____DIE	Spacer Ring	Setting
100R1AT-04	G	0.705		FULL			
100R1AT-06	G	0.845		FULL			
100R1AT-08	G	1.010		FULL			
100R1AT-10	G	1.135		FULL			
100R1AT-12	G	1.350		FULL			
100R1AT-16	G	1.760		FULL			
100R1AT-20	G	2.050		FULL			

Crimper brand _____ Model _____

HOSE STYLE/SIZE	Coupling Style	Crimp Dia.		Die Position	_____DIE	Spacer Ring	Setting
100R2AT-04	G	0.740		FULL			
100R2AT-06	G	0.890		FULL			
100R2AT-08	G	1.050		FULL			
100R2AT-10	G	1.170		FULL			
100R2AT-12	G	1.395		FULL			
100R2AT-16	G	1.790		FULL			
100R2AT-20	G	2.125		FULL			
100R2AT-24	G			FULL			
100R2AT-32	G			FULL			

Crimper brand _____ Model _____

HOSE STYLE/SIZE	Coupling Style	Crimp Dia.		Die Position	_____DIE	Spacer Ring	Setting
100R16-04	G	0.715		FULL			
100R16-06	G	0.870		FULL			
100R16-08	G	1.035		FULL			
100R16-10	G	1.155		FULL			
100R16-12	G	1.370		FULL			
100R16-16	G	1.725		FULL			

Crimper brand _____ Model _____

HOSE STYLE/SIZE	Coupling Style	Crimp Dia.		Die Position	_____DIE	Spacer Ring	Setting
100R17-04 Red. o.d.	G	0.700		Crimp to Line			
100R17-06 Red. o.d.	G	0.810		FULL			
100R17-08 Red. o.d.	G	1.000		FULL			
100R17-10 Red. o.d.	G	1.170		FULL			
100R17-12 Red. o.d.	G	1.395		FULL			

100R17-16 Red. o.d.	G	1.800		FULL			

Crimper brand _____ Model _____

HOSE STYLE/SIZE	Coupling Style	Crimp Dia.		Die Position	_____DIE	Spacer Ring	Setting
100R-KT-04	G			FULL			
100R-KT-06	G			FULL			
100R-KT-08	G			FULL			
100R-KT-10	G			FULL			
100R-KT-12	G			FULL			
100R-KT-16	G			FULL			

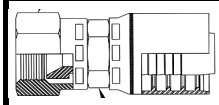
Crimper brand _____ Model _____

HOSE STYLE/SIZE	Coupling Style	Crimp Dia.		Die Position	_____DIE	Spacer Ring	Setting
HJK-04	G	0.740		FULL			
HJK-06	G	0.895		FULL			

Dealer-Distributor Pricing: USA/Korean Made 71/430U Style Bite-to-Wire Crimp

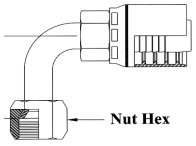
FOR SAE100R12 STYLE 4 WIRE/4SH Interchanges W/ Parker 71 series & Weatherhead 430U Series

37° JIC FEMALE SWIVEL



PART# HB x Thread	Weatherhead#	
FJX-06-06-71/430U		
FJX-08-06-71/430U		
FJX-08-08-71/430U		
FJX-08-10-71/430U		
FJX-08-12-71/430U		
FJX-12-12-71/430U		
FJX-12-14-71/430U		
FJX-12-16-71/430U		
FJX-16-12-71/430U		
FJX-16-16-71/430U		
FJX-16-20-71/430U		
FJX-20-20W/71/430U		
FJX-20-24W/71/430U		
FJX-24-24W/71/430U		
FJX-32-32W/71/430U		

37° JIC FEMALE 90° SWIVEL

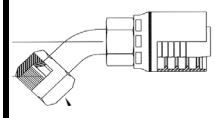


PART# HB x Thread	Weatherhead#	
FJX90-06-06-71/430U		
FJX90-08-08-71/430U		
FJX90-08-10-71/430U		
FJX90-10-10-71/430U		
FJX90-12-12-71/430U		
FJX90-12-16-71/430U		
FJX90-16-16-71/430U		
FJX90-16-20-71/430U		
FJX90-20-20W/71/430U		
FJX90-20-24W/71/430U		
FJX90-24-24W/71/430U		
FJX90-32-32W/71/430U		

37° JIC FEMALE 90°LONG SWIVEL

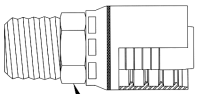
PART# HB x Thread	Weatherhead#	
FJX90L-06-06-71/430U		
FJX90L-08-08-71/430U		
FJX90L-12-12-71/430U		
FJX90L-16-16-71/430U		

37° JIC FEMALE 45° SWIVEL



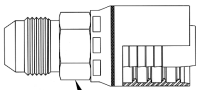
PART# HB x Thread	Weatherhead#	
FJX45-06-06-71/430U		
FJX45-08-08-71/430U		
FJX45-08-10-71/430U		
FJX45-12-12-71/430U		
FJX45-12-16-71/430U		
FJX45-16-16-71/430U		
FJX45-20-20W/71/430U		

MALE PIPE



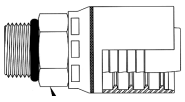
PART# HB x Thread	Weatherhead#	
MP-06-06-71/430U		
MP-08-08-71/430U		
MP-08-12-71/430U		
MP-10-08-71/430U		
MP-12-12-71/430U		
MP-12-16-71/430U		
MP-16-12-71/430U		
MP-16-16-71/430U		
MP-16-20-71/430U		
MP-20-20W/71/430U		
MP-20-24W/71/430U		
MP-24-24W/71/430U		
MP-32-32W/71/430U		

37° JIC MALE



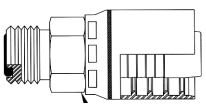
PART# HB x Thread	Weatherhead#	
MJ-08-08-71/430U		
MJ-08-10-71/430U		
MJ-12-12-71/430U		
MJ-12-16-71/430U		
MJ-16-16-71/430U		
MJ-16-20-71/430U		
MJ-20-20W/71/430U		
MJ-20-24W/71/430U		
MJ-24-24W/71/430U		
MJ-32-32W/71/430U		

MALE ORING BOSS



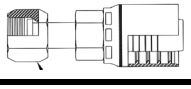
PART# HB x Thread	Weatherhead#	
MB-08-08-71/430U		
MB-08-10-71/430U		
MB-12-12-71/430U		
MB-16-16-71/430U		
MB-20-20W/71/430U		

MALE FLAT FACE ORING SEAL

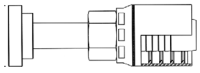
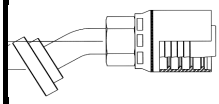
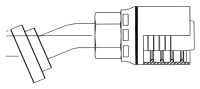
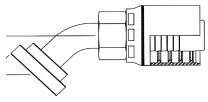
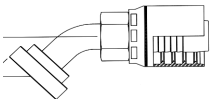
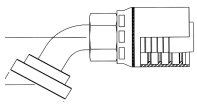


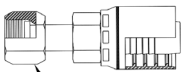
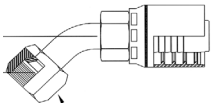
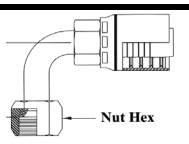
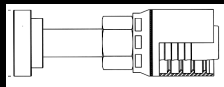
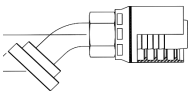
PART# HB x Thread	Weatherhead#	
MF-06-06-71/430U		
MF-08-08-71/430U		
MF-12-12-71/430U		
MF-16-16-71/430U		
MF-20-20W/430U/71I		

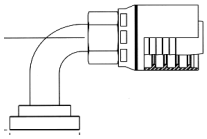
O-RING FACE SEAL FEMALE SWIVEL

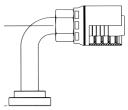


PART# HB x Thread	Weatherhead#	
FFX-06-06-71/430U		
FFX-08-08-71/430U		
FFX-08-10-71/430U		

	FJX45-20-24W/71/430U		
	FJX45-24-24W/71/430U		
	FJX45-32-32W/71/430U		
CODE 61 FLANGE			
	PART# HB x Thread	**Weatherhead#**	
	C61-08-08-71/430U		
	C61-08-12-71/430U		
	C61-12-12-71/430U		
	C61-12-16-71430U		
	C61-16-16-71/430U		
	C61-16-20-71430U		
	C61-20-20W71/430U		
	C61-20-24/W71/430U		
	C61-24-24W/7143U		
	C61-24-32W/71/430U		
	C61-32-32W/71430U		
CODE 61 FLANGE 22.5°			
	PART# HB x Thread	**Weatherhead#**	
	C6122-12-12-71/430U		
	C6122-12-16-71/430U		
	C6122-16-16-71/430U		
	C6122-16-20-71/430U		
	C6122-20-20W/71430U		
	C6122-20-24W/71430U		
	C6122-24-24W/7430U		
	C6122-32-32W/71/430U		
CODE 61 FLANGE 30°			
	PART# HB x Thread	**Weatherhead#**	
	C6130-12-12-71/430U		
	C6130-16-16-71/430U		
	C6130-20-20W/71l/430U		
	C6130-20-24W/71l/430U		
	C6130-24-24W/71l/430U		
	C6130-32-32W/7ll/430U		
CODE 61 FLANGE 45°			
	PART# HB x Thread		
	C6145-08-12-71/430U		
	C6145-12-12-71/430U		
	C6145-12-16-71/430U		
	C6145-16-16-71/430U		
	C6145-16-20-71/430U		
	C6145-20-20W/71/430U		
	C6145-20-24W/71l/430U		
	C6145-24-24W/71l/430U		
	C6145-24-32W/71l/430U		
	C6145-32-32W/71l/430U		
	C6145-32-40W71l/430U		
CODE 61 FLANGE 60°			
	PART# HB x Thread		
	C6160-12-12-71/430U		
	C6160-12-16-71/430U		
	C6160-16-16-71/430U		
	C6160-16-20-71/430U		
	C6160-20-20W/71l/430U		
	C6160-20-24W/71l/430U		
	C6160-24-24W/71l/430U		
	C6160-32-32W/71l/430U		
CODE 61 FLANGE 67.5°			
	PART# HB x Thread		
	C6167-12-12-71/430U		
	C6167-12-16-71/430U		
	C6167-16-16-71/430U		
	C6167-16-20-71/430U		
	C6167-20-20-71/430U		

	FFX-08-12-71/430U		
	FFX-10-10-71/430U		
	FFX-12-10-71/430U		
	FFX-12-12-71/430U		
	FFX-12-16-71/430U		
	FFX-16-16-71/430U		
	FFX-16-20-71/430U		
	FFX-20-20W/71/430U		
	FFX-20-24W/71/430U		
	FFX-24-24W/71/430U		
O-RING FACE SEAL 45° FEMALE SWIVEL			
	PART# HB x Thread	**Weatherhead#**	
	FFX45-06-06-71/430U		
	FFX45-08-08-71/430U		
	FFX45-08-10-71/430U		
	FFX45-10-10-71/430U		
	FFX45-12-12-71/430U		
	FFX45-12-16-71/430U		
	FFX45-16-16-71/430U		
	FFX45-20-20W/71/430U		
	FFX45-20-24W/71/430U		
	FFX45-24-24W/71/430U		
O-RING FACE SEAL 90° FEMALE SWIVEL			
	PART# HB x Thread	**Weatherhead#**	
	FFX90-08-08-71/430U		
	FFX90-08-10-71/430U		
	FFX90-10-10-71/430U		
	FFX90-12-10-71/430U		
	FFX90-12-12-71/430U		
	FFX90-12-16-71/430U		
	FFX90-16-16-71/430U		
	FFX90-16-20-71/430U		
	FFX90-20-20W/71/430U		
	FFX90-20-24W/71/430U		
	FFX90-24-24W/71/430U		
O-RING FACE SEAL 90°LONG F. SWIVEL			
	PART# HB x Thread	**Weatherhead#**	
	FFX90L-08-08-71/430U		
	FFX90L-08-10-71/430U		
	FFX90L-12-12-71/430U		
	FFX90L-16-16-71/430U		
	FFX90L-20-20W/71/430U		
CODE 62 FLANGE			
	PART# HB x Thread	**Weatherhead#**	
	C62-08-08-71/430U		
	C62-12-12-71/430U		
	C62-12-16-71/430U		
	C62-16-16-71/430U		
	C62-16-20-71/430U		
	C62-20-20W/71/430U		
	C62-20-24W/71/430U		
	C62-24-24W/71/430U		
	C62-32-32W/71/430U		
CODE 62 FLANGE 45°			
	PART# HB x Thread	**Weatherhead#**	
	C6245-12-12-430U		
	C6245-12-16-430U		
	C6245-16-16-430U		
	C6245-16-20-430U		
	C6245-20-20-W/71/430U		
	C6245L-20-20W/71/430U		
	C6245-20-24W/71/430U		
	C6245-24-24W/71/430U		
	C6245-32-32W/71/430U		

CODE 61 FLANGE 90°	PART# HB x Thread	Weatherhead#	
	C6190-08-08-71/430U		
	C6190-08-12-71/430U		
	C6190-12-12-71/430U		
	C6190-12-16-71/430U		
	C6190-16-16-71/430U		
	C6190-16-20-71/430U		
	C6190-20-20W/71I/430U		
	C6190-20-24W/71I/430U		
	C6190-24-24W/71I/430U		
	C6190-24-32W/71I/430U		
	C6190-32-32W/71I/430U		

CODE 61 FLANGE 90°LONG	PART# HB x Thread	Weatherhead#	
	C6190L-12-12-71/430U		
	C6190L-12-16-71/430U		
	C6190L-16-16-71/430U		
	C6190L-20-20-71/430U		

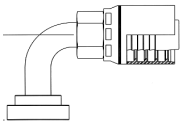
CODE 61 FLANGE 100°	PART# HB x Thread	Weatherhead#	
	C61100-12-12-71/430U		
	C61100-12-16-71/430U		

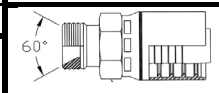
CODE 61 FLANGE 110°	PART# HB x Thread	Weatherhead#	
	C61110-16-16-71/430U		
	C61110-20-20-71/430U		

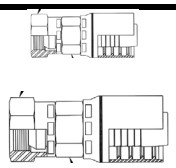
CODE 61 FLANGE 135°	PART# HB x Thread	Weatherhead#	
	C61135-12-12-71/430U		

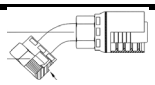
FEMALE KOMATSU 30° FLARE	PART# HB x Thread	Weatherhead#	
	F-KOM-8-22-71/430U		
	F-KOM-12-30-71/430U		
	F-KOM-16-33-71/430U		

DIN HEAVY UNIVERSAL SEAT F.SWIVEL	PART# HB x Thread	Weatherhead#	
	F-DINLX-08-22-71/430U		
	F-DINLX-12-30-71/430U		
	F-DINLX-16-36-71/430U		
	F-DINLX-20-35-45-71/430U		
	F-DINLX45-20-35.45-71/430U		
	F-DINLX90-20-35.45-71/430U		

CODE 62 FLANGE 90°	PART# HB x Thread	Weatherhead#	
	C6290-12-12-430U		
	C6290-12-16-430U		
	C6290-16-16-430U		
	C6290-16-20-430U		
	C6290-20-20W/71/430U		
	C6290-20-24W/71/430U		
	C6290-24-24W/71/430U		
	C6290-32-32W/71/430U		

BRITISH STAND. PIPE 60° CONE MALE	PART# HB x Thread	Weatherhead#	
	M-BSP-08-08-430U		
	M-BSP-12-12-430U		
	M-BSP-16-16-430U		

BRITISH STAND. PIPE 60° CONE F. SW	PART# HB x Thread	Weatherhead#	
	F-BSPX-06-06-71/430U		
	F-BSPX-08-08-71/430U		
	F-BSPX-12-12-71/430U		
	F-BSPX-16-16-71/430U		
	F-BSPX-20-20W/71/430U		
	F-BSPX-24-24W/71/430U		

BRITISH STAND. PIPE 60° CONE F. 45 SW	PART# HB x Thread	Weatherhead#	
	F-BSPX45-08-08-71/430U		
	F-BSPX45-12-12-71/430U		
	F-BSPX45-16-16-71/430U		

DIN HEAVY UNIVERSAL SEAT F.SWIVEL	PART# HB x Thread	Weatherhead#	
	F-DINHX-08-24-71/430U		
	F-DINHX-12-36-71/430U		
	F-DINHX-16-42-71/430U		
	F-DHINX-20-30-52W/71/430U		
	F-DHINX-20-38-52W/71/430U		
	F-DHINX-24-38-52W/71/430U		
	F-DHINX45-20-30-52W/71/430U		
	F-DHINX45-20-38-52W/71/430U		
	F-DHINX45-24-38-52W/71/430U		
	F-DHINX90-20-30-52W/71/430U		
	F-DHIMX90-20-38-52W/71/430U		
	F-DHINX90-24-38-52W/71/430U		

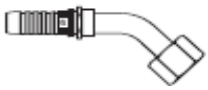
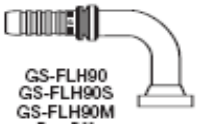
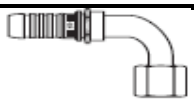
Crimper brand _____ Model _____

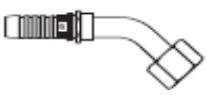
HOSE STYLE/SIZE	Coupling Style	Crimp Dia.		Die Position	_____DIE	Spacer Ring	Setting
100R12-06	71/430U			FULL			
100R12-08	71/430U	1.150		FULL			
100R12-12	71/430U	1.406		FULL			
100R12-16	71/430U	1.705		FULL			
100R12-20	71/430U	2.035		FULL			
100R12-24	71430U	2.285		FULL			
100R12-32	71/430U	2.895		FULL			

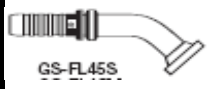
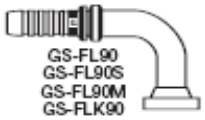
Crimper brand _____ Model _____

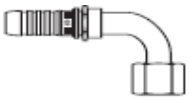
HOSE STYLE/SIZE	Coupling Style	Crimp Dia.		Die Position	_____DIE	Spacer Ring	Setting
4SH-12	71/430U	1.406		FULL			
4SH-16	71/430U	1.705		FULL			
4SH-20	71/430U	1.985		FULL			
4SH-24	71/430U	2.295		FULL			
4SH-32	71/430U	in test		FULL			

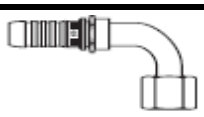
A Verstile Four Wire Crimp Ends, Sizes 6,8,12 & 16 for 100R12, 4SH, 100R13&R15 Hose GATES 2 Piece Fitting use with GS1F-4 Ferrule WPSI up to 6,100. Made in the USA.

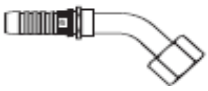
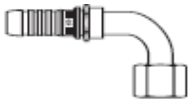
USA MADE-GATES	PART# HB x Thread	Use on 4SH, R12,R13 & R15		USA MADE-GATES	PART# HB x Thread	Use on 4SH, R12,R13 & R15	
GS Crimp Ferrules	6GS1F-4			**CODE 62 FLANGE**	8GS-8FLH		
	8GS1F-4				8GS-12FLH		
	10GS1F-4				10GS-8FLH		
	12GS1F-4				10GS-12FLH		
	16GS1F-4				12GS-12FLH		
	20GS1F-4				12GS-16FLH		
	20GS1F-6				16GS-12FLH		
37° JIC FEMALE	6GS-6FJX				16GS-16FLH		
	6GS-8FJX				16GS-20FLH		
	8GS-8FJX				20GS-16FLH		
	8GS-10FJX				20GS-20FLH		
	8GS-12FJX				20GS-24FLH		
	10GS-10FJX			**CODE 62 FLANG 30°**	12GS-12FLH30M		
	10GS-12FJX				12GS-16FLH30M		
	12GS-10FJX				16GS-16FLH30M		
	12GS-12FJX				16GS-20FLH30M		
	12GS-16FJX				20GS-20FLH30M		
	16GS-12FJX				20GS-24FLH30M		
	16GS-16FJX			**CODE 62 FLANG 45°**	8GS-8FLH45M		
	16GS-20FJX				8GS-12FLH45M		
	20GS-20FJX				10GS-12FLH45M		
37° JIC FEMALE45°	6GS-6FJX45S				12GS-8FLH45M		
	6GS-8FJX45S				12GS-12FLH45M		
	8GS-8FJX45S				12GS-16FLH45M		
	8GS-10FJX45S				16GS-12FLH45M		
	10GS-10FJX45S				16GS-16FLH45M		
	12GS-12FJX45S				16GS-20FLH45M		
	12GS-16FJX45S				20GS-16FLH45M		
	16GS-16FJX45S				20GS-20FLH45M		
	16GS-20FJX45S				20GS-24FLH45M		
	20GS-20FJX45S			**CODE 62 FLANG 90°**	8GS-8FLH90M		
37° JIC FEMALE 90°	6GS-6FJX90S				8GS-12FLH90M		
	6GS-6FJX90L				10GS-8FLH90M		
	6GS-8FJX90M				10GS-12FLH90M		
	6GS-8FJX90-083				12GS-12FLH90M		
	8GS-8FJX90S				12GS-12FLH90-100		
	8GS-8FJX90M				12GS-12FLH90-122		
	8GS-8FJX90L				12GS-16FLH90S		
	8GS-8FJX90XL				12GS-20FLH90M		
	8GS-10FJX90S				16GS-12FLH90M		
	8GS-10FJX90M				16GS-16FLH90S		
	8GS-10FJX90L				16GS-16FLH90M		
	8GS-12FJX90S				16GS-16FLH90-120		
	10GS-10FJX90-036				16GS-20FLH90S		
	10GS-10FJX90M				16GS-20FLH90M		
	10GS-12FJX90M				16GS-24FLH90S		
	12GS-12FJX90S				20GS-16FLH90M		
	12GS-12FJX90M				20GS-20FLH90-076		
	12GS-12FJX90L				20GS-20FLH90M		
	12GS-16FJX90S				20GS-20FLH90-152		
	12GS-16FJX90M				20GS-24FLH90S		
	12GS-16FJX90L			**CODE 61 FLANGE**	8GS-8FL		
	16GS-16FJX90S				8GS-10FLK		
	16GS-16FJX90M				10GS-10FLK		
	16GS-16FJX90L				8GS-12FL		
	16GS-20FJX90L				8GS-16FL		
	20GS-20FJX90S				10GS-12FL		

	20GS-20FJX90M		
	20GS-20FJX90L		
MALE PIPE NPTF RIGID	6GS-6MP		
	6GS-8MP		
	8GS-8MP		
	8GS-12MP		
	10GS-8MP		
	10GS-12MP		
	12GS-8MP		
	12GS-12MP		
	12GS-16MP		
	16GS-12MP		
	16GS-16MP		
	16GS-20MP		
	20GS-20MP		
37° JIC MALE	6GS-6MJ		
	6GS-8MJ		
	6GS-10MJ		
	8GS-8MJ		
	8GS-10MJ		
	10GS-10MJ		
	10GS-12MJ		
	12GS-12MJ		
	12GS-16MJ		
	16GS-16MJ		
	16GS-20MJ		
	20GS-20MJ		
MALE BOSS O-RING	6GS-6MB		
	8GS-8MB		
	8GS-10MB		
	10GS-10MB		
	10GS-12MB		
	12GS-12MB		
	12GS-16MB		
	16GS-12MB		
	16GS-16MB		
	16GS-20MB		
	20GS-20MB		
O-RING FACE SEAL FEMALE SWIVEL			
	6GS-6FFORX		
	6GS-8FFORX		
	8GS-8FFORX		
	8GS-10FFORX		
	8GS-12FFORX		
	10GS-10FFORX		
	10GS-12FFORX		
	12GS-10FFORX		
	12GS-12FFORX		
	12GS-16FFORX		
	16GS-12FFORX		
	16GS-16FFORX		
	16GS-20FFORX		
	20GS-20FFORX		
	20GS-24FFORX		
0-RING FACE SEAL FEMALE 45°			
	6GS-6FFORX45S		
	6GS-8FFORX45S		
	8GS-8FFORX45S		
	8GS-10FFORX45S		
	8GS-12FFORX45S		
	10GS-10FFORX45S		

	12GS-8FL		
	12GS-10FLK		
	12GS-12FL		
	12GS-16FL		
	12GS-20FL		
	16GS-12FL		
	16GS-16FL		
	16GS-20FL		
	16GS-24FL		
	20GS-16FL		
	20GS-20FL		
	20GS-24FL		
	20GS-32FL		
CODE 61 FLANG 22	8GS-8FL22M		
	12GS-12FL22M		
	12GS-16FL22M		
	16GS-16FL22M		
	16GS-20FL22M		
	20GS-20FL22M		
	20GS-24FL22M		
CODE 61 FLANG 30	8GS-12FL30M		
	12GS-12FL30M		
	12GS-16FL30M		
	16GS-16FL30M		
	16GS-20FL30M		
	20GS-20FL30M		
	20GS-24FL30M		
CODE 61 FLANG 45	6GS-8FL45M		
	8GS-8FL45M		
	8GS-12FL45M		
	10GS-12FL45M		
	12GS-12FL45M		
	12GS-16FL45S		
	16GS-16FL45M		
	16GS-20FL45M		
	20GS-16FL45M		
	20GS-20FL45S		
	20GS-24FL45S		
CODE 61 FLANGE 60°& 67°	12GS-12FL60M		
	12GS-16FL60M		
	16GS-16FL60M		
	16GS-20FL60M		
	20GS-20FL60M		
	20GS-24FL60M		
	12GS-12FL67M		
	12GS-16FL67M		
	16GS-16FL67M		
	16GS-20FL67M		
	20GS-20FL67M		
CODE 61 FLANG 90°	8GS-8FL90M		
	8GS-8FL90L		
	8GS-12FL90M		
	10GS-10FLK90-055		
	10GS-12FL90M		
	12GS-8FL90-050		
	12GS-10FLK90		
	12GS-12FL90M		
	12GS-12FL90-100		
	12GS-12FL90-125		
	12GS-16FL90S		
	12GS-16FL90M		

	10GS-12FFORX45S		
	12GS-12FFORX45S		
	12GS-16FFORX45S		
	16GS-16FFORX45S		
	16S-20FFORX45S		
	20GS-20FFORX45-032		
0-RING FACE SEAL F. 90° TUBE SWIVEL	6GS-6FFORX90S		
	6GS-6FFORX90L		
	6GS-8FFORX90M		
	8GS-8FFORX90S		
	8GS-8FFORX90M		
	8GS-10FFORX90S		
	8GS-10FFORX90M		
	8GS-10FFORX90L		
	8GS-12FFORX90S		
	10GS-10FFORX90S		
	10GS-10FFORX90M		
	10GS-10FFORX90L		
	10GS-12FFORX90S		
	12GS-10FFORX90S		
	12GS-12FFORX90S		
	12GS-12FFORX90M		
	12GS-12FFORX90L		
	12GS-16FFORX90S		
	12GS-16FFORX90M		
	12GS-16FFORX90L		
	16GS-16FFORX90S		
	16GS-16FFORX90M		
	16GS-16FFORX90L		
	16GS-20FFORX90S		
	16GS-20FFORX90M		
	16GS-20FFORX90L		
	20GS-20FFORX90S		
	20GS-20FFORX90M		
	20GS-20FFORX90L		
0-RING FACE SEAL MALE			
	6GS-6MFFOR		
	8GS-8MFFOR		
	8GS-10MFFOR		
	10GS-10MFFOR		
	10GS-12MFFOR		
	12GS-12MFFOR		
	12GS-16MFFOR		
	16GS-16MFFOR		
	20GS-20MFFOR		
FEMALE BRITISH 60 CONE			
STRAIGHT	6GS-6FBSPORX		
	6GS-8FBSPORX		
	8GS-8FBSPORX		
	10GS-10FBSPORX		
	10GS-12FBSPORX		
	12GS-12FBSPORX		
	12GS-16FBSPORX		
	16GS-16FBSPORX		
	16GS-20FBSPORX		
	20GS-20FBSPORX		

	12GS-16FL90-080		
	12GS-16FL90-178		
	12GS-20FL90-054		
	16GS-12FL90		
	16GS-12FL90M		
	16GS-16FL90S		
	16GS-16FL90M		
	16GS-16FL90-120		
	16GS-16FL90-210		
	16GS-20FL90S		
	16GS-20FL90M		
	16GS-24FL90S		
	20GS-16FL90M		
	20GS-16FL90-215		
	20GS-20FL90S		
	20GS-20FL90M		
	20GS-20FL90-168		
	20GS-24FL90S		
	20GS-24FL90-118		
FEMALE KOMATSU	8GS-8FKX		
	10GS-10FKX		
	12GS-12FKX		
	16GS-16FKX		
JIS 30° SEAT	12GS-12FJISX		
	16GS-16FJISX		
	20GS-20FJISX		
DIN HEAVY U. SEAT F.SWIVEL W/O'RING	6GS-10FDHORX		
	6GS-12FDHORX		
	6GS-14FDHORX		
	8GS-12FDHORX		
	8GS-14FDHORX		
	8GS-16FDHORX		
	8GS-20FDHORX		
	10GS-20FDHORX		
	10GS-25FDHORX		
	12GS-20FDHORX		
	12GS-25FDHORX		
	16GS-30FDHORX		
	16GS-38FDHORX		
	20GS-38FDHORX		
DIN HEAVY U. SEAT 45° FEM. W/O'RING	6GS-12FDHORX45		
	6GS-14FDHORX45		
	8GS-16FDHORX45		
	10GS-20FDHORX45		
	12GS-20FDHORX45		
	12GS-25FDHORX45		
	16GS-25FDHORX45		
	16GS-30FDHORX45		
	20GS-38FDHORX45		
DIN HEAVY U. SEAT 90° FEM. W/O'RING	6GS-12FDHORX90		
	6GS-14FDHORX90		
	8GS-16FDHORX90		
	10GS-20FDHORX90		
	12GS-20FDHORX90		
	12GS-25FDHORX90		
	16GS-25FDHORX90		

FEMALE BRITISH 60 CONE 45deg			
	6GS-6FBSPORX45M		
	8GS-8FBSPORX45M		
	10GS-10FBSPORX45M		
	12GS-12FBSPORX45M		
	16GS-16FBSPORX45M		
	20GS-20FBSPORX45M		
FEMALE BRITISH 60 C	6GS-6FBSPORX90M		
	8GS-8FBSPORX90M		
	10GS-10FBSPORX90M		
	12GS-12FBSPORX90M		
	16GS-16FBSPORX90M		
	20GS-20FBSPORX90M		
Male British Parrel Pipe	6GS-6MBSPP		
	8GS-8MBSPP		
	10GS-10MBSPP		
	10GS-12MBSPP		
	12GS-12MBSPP		
	16GS-16MBSPP		
	20GS-20MBSPP		

	16GS-30FDHORX90		
	20GS-38FDHORX90		
DIN HEAVY U. SEAT MALE	6GS-12MDH		
	6GS-14MDH		
	8GS-16MDH		
	10GS-20MDH		
	12GS-20MDH		
	12GS-25MDH		
	12GS-30MDH		
	16GS-25MDH		
	16GS-30MDH		
	20GS-38MDH		

Crimp Charts for all the below SAE hose spec types

Crimper brand _____ Model _____

HOSE STYLE/SIZE	Coupling Style	Crimp Dia.	Skive Lgt	Die Position	_____DIE	Spacer Ring	Setting
100R12-06	GS	0.98	0	FULL			
100R12-08	GS	1.08	0				
100R12-10	GS	1.32	0				
100R12-12	GS	1.480	0				
100R12-16	GS	1.750	0	FULL			
100R12-20	20GS1F-4	2.060	0				

Crimper brand _____ Model _____

HOSE STYLE/SIZE	Coupling Style	Crimp Dia.	Skive Lgt	Die Position	_____DIE	Spacer Ring	Setting
4SH-12	GS	1.480	0	FULL			
4SH-16	GS	1.790	0	FULL			
4SH-20	20GS1F-4	2.120	0				

Crimper brand _____ Model _____

HOSE STYLE/SIZE	Coupling Style	Crimp Dia.	Skive Lgt	Die Position	_____DIE	Spacer Ring	Setting
100R13-12	GS	1.480	0	FULL			
100R13-16	GS	1.750	0	FULL			
100R13-20	20GS1F-6	2.230	0				

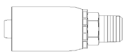
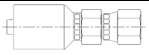
Crimper brand _____ Model _____

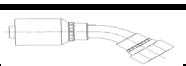
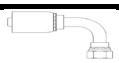
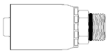
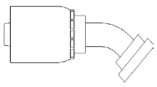
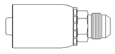
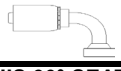
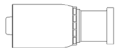
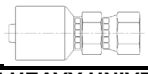
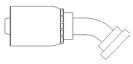
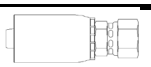
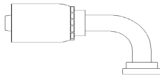
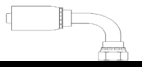
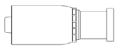
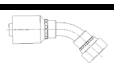
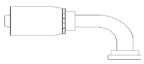
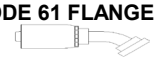
HOSE STYLE/SIZE	Coupling Style	Crimp Dia.	Skive Lgt	Die Position	_____DIE	Spacer Ring	Setting
100R15-06	GS	0.98	0	FULL			
100R15-08	GS	1.08	0				
100R15-12	GS	1.480	0				
100R15-16	GS	1.750	0	FULL			
100R15-20	20GS1F-6	2.230	0				

Heavy Four Wire Crimp Ends, Sizes 12 & 16 for 4SH, 100R13 & 100R15 Hose

WPSI up to 6,100. Made in the USA Kurt Hydraulics Interchanges W/Parker 78/79 series

USA Made Kurt-WHP-Style	PART# HB x Thread	Use on 4SH, 100R13 & R15	
O-RING FACE SEAL FEMALE SWIVEL			
	FFX-12-12-WHP/78		
	FFX-16-16-WHP/78		
0-RING FACE SEAL FEMALE 45°			
	FFX45-12-12-WHP/78		
	FFX45-16-16-WHP/78		

USA Made Kurt-WHP-Style	PART# HB x Thread	Use on 4SH, 100R13 & R15	
MALE PIPE NPTF RIGID 	MP-12-12-WHP/78		
	MP-16-16-WHP/78		
	MP-16-16-WHP-API		
37° JIC FEMALE			
	FJX-12-12-WHP/78		
	FJX-16-16-WHP/78		
37° JIC FEMALE 45° TUBE			

0-RING FACE SEAL 90° TUBE SWIVEL	FFX90-12-12-WHP/78				FJX45-12-12-WHP/78		
	FFX90L-12-12-WHP/78				FJX45-16-16-WHP/78		
	FFX90-16-16-WHP/78			**37° JIC FEMALE 90°**			
	FFX90L-16-16-WHP/78				FJX90-12-12-WHP/78		
FEMALE WELD FITTING					FJX90-16-16-WHP/78		
	FW-12-12-WHP/78			**CAT FLANGE**	CAT-12-12-WHP/78		
	FW-12-16-WHP/78				CAT-16-16-WHP/78		
MALE BOSS O-RING				**CAT FLANGE 45°-22-3**	CAT22-12-12-WHP/78		
	MB-12-12-WHP/78				CAT30-12-12-WHP/78		
	MB-16-16-WHP/78				CAT45-12-12-WHP/78		
37° JIC MALE					CAT45-16-16-WHP/78		
	MJ-12-12-WHP/78			**CAT FLANGE 90°**	CAT90-12-12-WHP/78		
	MJ-16-16-WHP/78				CAT90-16-16-WHP/78		
CODE 62 FLANGE							
	C62-12-12-WHP/78			**JIS 30° SEAT**			
	C62-16-16-WHP/78				FJISX-12-12-WHP/78		
CODE 62 FLANGE 45°					FJISX-16-16-WHP/78		
	C6245-12-12-WHP/78			**DIN HEAVY UNIVERSAL SEAT FEMALE SWIVEL WITH O'RING**			
	C6245-16-16-WHP/78				FDH-12-2536-WHP/78		
CODE 62 FLANGE 90°	C6290-12-12-WHP/78				FDH-16-3042-WHP/78		
	C6290-12-16-WHP/78			**DIN HEAVY UNIVERSAL SEAT 90° TUBE FEMALE SWIVEL WITH O'RING**			
	C6290-16-16-WHP/78						
	C6290-16-20-WHP/78				FDH9012-2536-WHP/78		
CODE 61 FLANGE					FDH9016-3042-WHP/78		
	C61-12-12-WHP/78			**DIN HEAVY UNIVERSAL SEAT 45° TUBE FEMALE SWIVEL WITH O'RING**			
	C61-16-16-WHP/78						
CODE 61 FLANGE 90°					FDH4512-2536-WHP/78		
	C6190-12-12-WHP/78				FDH45163042-WHP/78		
	C6190-16-16-WHP/78						
CODE 61 FLANGE 45°	C6145-12-12-WHP/78						
	C6145-16-16-WHP/78						

Crimper brand _____ Model _____

HOSE STYLE/SIZE	Coupling Style	Crimp Dia.		Die Position	_____DIE	Spacer Ring	
100R12-12	WHP	1.430		FULL			
100R12-16	WHP	1.710		FULL			

Crimper brand _____ Model _____

HOSE STYLE/SIZE	Coupling Style	Crimp Dia.		Die Position	_____DIE	Spacer Ring	
4SH-12	WHP	1.430		FULL			
4SH-16	WHP	1.740		FULL			

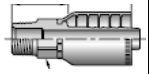
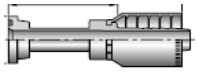
Crimper brand _____ Model _____

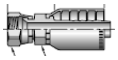
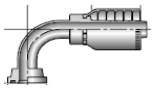
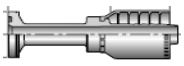
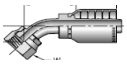
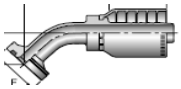
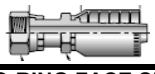
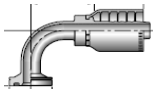
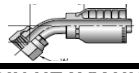
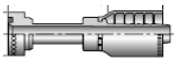
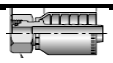
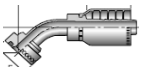
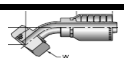
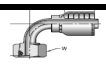
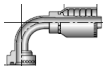
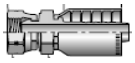
HOSE STYLE/SIZE	Coupling Style	Crimp Dia.		Die Position	_____DIE	Spacer Ring	
100R13-12	WHP	1.490		FULL			
100R13-16	WHP	1.740		FULL			

Crimper brand _____ Model _____

HOSE STYLE/SIZE	Coupling Style	Crimp Dia.		Die Position	_____DIE	Spacer Ring	
100R15-12	WHP	1.490		FULL			
100R15-16	WHP	1.740		FULL			

Heavy SIX Wire Crimp Ends, Sizes 20 thru 32 for 4SH, 100R13 & 100R15 Hose
WPSI up to 6,100. Made in the USA Kurt Hydraulics Interchanges W/Parker 78/79 series

USA Made 6-WIRE	PART# HB x Thread	Parker Part #		USA Made 6-WIRE	PART# HB x Thread	Parker Part #	
MALE PIPE RIGID 	MP-20-20-6W			**CODE 61 FLANGE** 	C61-20-20-6W		
	MP-24-24-6W				C61-24-24-6W		
	MP-24-32-6W				C61-24-32-6W		
	MP-32-32-6W				C61-32-32-6W		

37° JIC MALE RIGID	MJ-20-20-6W			**CODE 61 FL45°**	C6145-20-20-6W		
	MJ-24-24-6W				C6145-24-24-6W		
	MJ-32-32-6W				C6145-32-32-6W		
37° JIC FEMALE 	FJX-20-20-6W			**CODE 61 FL90°** 	C6190-20-20-6W		
	FJX-24-24-6W				C6190-24-24-6W		
	FJX-32-32-6W				C6190-24-32-6W		
37° JIC FEMALE 90°	FJX90-20-20-6W				C6190-32-32-6W		
	FJX90-24-24-6W			**CODE 62 FLANGE** 	C62-20-20-6W		
	FJX90-32-32-6W				C62-24-24-6W		
37° JIC FEMALE 45° 	FJX45-20-20-6W				C62-24-32-6W		
	FJX45-24-24-6W				C62-32-32-6W		
	FJX45-32-32-6W			**CODE 62 FL45°** 	C6245-20-20-6W		
O-RING FACE SEAL 					C6245-24-24-6W		
	FFX-20-20-6W				C6245-24-32-6W		
	FFX-24-24-6W				C6245-32-32-6W		
O-RING FACE SEAL 90°				**CODE 62 FL90°** 	C6290-20-20-6W		
	FFX90-20-20-6W				C6290-24-24-6W		
	FFX90-24-24-6W				C6290-24-32-6W		
O-RING FACE SEAL 45° 					C6290-32-32-6W		
	FFX45-20-20-6W			**CAT FLANGE** 	CAT-20-20-6W		
	FFX45-24-24-6W				CAT-20-24-6W		
DIN HEAVY UNIVERSAL SEAT FEMALE SWIVEL WITH O'RING STR, 45 & 90	**Parker Part #**				CAT-24-24-6W		
					CAT-32-32-6W		
	FDH-20-38-52-6W			**CAT FLANGE 45°** 	CAT45-20-20-6W		
	FDH-24-38-52-6W				CAT45-20-24-6W		
	FDH45-20-38-52-78I				CAT45-24-24-6W		
	FDH45-24-38-52-78I				CAT45-32-32-6W		
	FDH90-20-3852-78I			**CAT FLANGE 90°** 	CAT90-20-20-6W		
	FDH90-24-3852-78I				CAT90-20-24-6W		
BRITISH STANDARD PIPE 60° CONE					CAT90-24-24-6W		
FEMALE SWIVEL	F-BSPX-20-20-78I				CAT90-32-32-6W		
	F-BSPX-24-24-78I						
	F-BSPX-32-32-78I						

Crimp Charts for the below SAE hose spec types

Crimper brand _____ Model _____

HOSE STYLE/SIZE	Coupling Style	Crimp Dia.		Die Position	_____DIE	Spacer Ring	
4SH-20	78			FULL			
4SH-24	78			FULL			
4SH-32	78			FULL			

Crimper brand _____ Model _____

HOSE STYLE/SIZE	Coupling Style	Crimp Dia.		Die Position	_____DIE	Spacer Ring	
100R13-20	78	2.14/2.16		FULL			
100R13-24	78	2.44/2.46		FULL			
100R13-32	78	3.025/3.045		FULL			

Crimper brand _____ Model _____

HOSE STYLE/SIZE	Coupling Style	Crimp Dia.		Die Position	_____DIE	Spacer Ring	
100R15-20	78	2.14/2.16		FULL			
100R15-24	78	2.44/2.46		FULL			

Heavy 4 & 6-Wire Crimp Ends, Sizes 20, 24, 32 for 4SH, 100R13 & 100R15 Hose
Gates 1 Piece Gobal Spiral Max PSI Fitting WPSI up to 6,100. USA Made

Gates USA/Mex Made For 6-WIRE Hose	PART# HB x Thread			Gates USA/Mex Made For 6-WIRE Hose	PART# HB x Thread		
MALE PIPE	24GSM-24MP			CODE 61 FLANGE	24GSM-24FL		
RIGID	32GSM-32MP				24GSM-32FL		
37° JIC MALE	24GSM-24MJ				32GSM-32FL		
RIGID	32GSM-32MJ			CODE 61 FL30°	24GSM-24FL30M		
37° JIC FEMALE	24GSM-24FJX			CODE 61 FL45°	24GSM-24FL45M		
	32GSM-32FJX				24GSM-32FL45S		
37° JIC FEMALE 45°	24GSM-24FJX45-34				32GSM-32FL45M		
				CODE 61 FL60°	24GSM-24FL60M		
37° JIC FEMALE 90°	24GSM-24FJX90M			CODE 61 FL90°	24GSM-24FL90S		
					24GSM-32FL90S		
FEMALE O-RING FACE SEAL					32GSM-32 FL90-130		
	24GSM4K-24FFORX			CODE 62 FLANGE	24GSM-20FLH		
	32GSM-32FFORX				24GSM-24FLH		
O-RING FACE SEAL					24GSM-32FLH		
45°	24GSM-24FFORX45				32GSM-24FLH		
O-RING FACE SEAL					32GSM-32FLH		
90°	24GSM-24FFORX90			CODE 62 FL22°	24GSM-24FLH22M		
DIN HEAVY UNIVERSAL SEAT				CODE 62 FLANGE 30°	24GSM-24FLH30M		
FEMALE SWIVEL WITH O'RING					32GSM-32 FLH30		
	24GSM-38FDHORX			CODE 62 FL45°	24GSM-24FLH45		
	24GSM-38FDHORX45				24GSM-32FLH45		
	24GSM-38FDHORX90				32GSM-32FLH45-063		
BRITISH STANDARD PIPE 60° CONE				CODE 62 FL60°	24GSM-24FLH60		
FEMALE SWIVEL	24GSM-24FBSPORX				24GSM-32FLH60		
	32GSM-32FBSPORX				32GSM-32FLH60		
	24GSM-24FBSPORX45			CODE 62 FL90°	24GSM-24FLH90-094		
	32GSM-32FBSPORX45				24GSM-24FLH90-150		
	24GSM-24FBSPORX90				24GSM-32FLH90S		
	32GSM-32FBSPORX90				32GSM-32FLH90S		
	24GSM-24MBSPP				32GSM-32FLH90M		
	32GSM-32MBSPP				32GSM-32FLH90-159		

Crimp Charts for the below SAE hose spec types

HOSE STYLE/SIZE	Coupling Style	Crimp Dia.		Die Position	_____DIE	Spacer Ring	Setting
4SH-24	GSM			FULL			
4SH-32	GSM			FULL			
HOSE STYLE/SIZE	**Coupling Style**	**Crimp Dia.**		**Die Position**	**_____DIE**	**Spacer Ring**	**Setting**
100R13-24/EFG5K	GSM	3.880		FULL			
100R13-32/EFG5K	GSM	2.200		FULL			
HOSE STYLE/SIZE	**Coupling Style**	**Crimp Dia.**		**Die Position**	**_____DIE**	**Spacer Ring**	**Setting**
100R15-20/EFG	GSM	3.880		FULL			
100R15-24	GSM	2.200		FULL			