390 Amapola Ave Ste 1
Torrance, CA 90501

Tel: 310-320-3748
Fax: 310-320-3536
Email: spc@spctrade.com
Web: www.spctrade.com

PRODUCT CHANGE NOTIFICATION

General PCN Information			
PCN # 02-0520	SPC INCH Fitting Redesign	**PCN Date**	May 30, 2020
Initiator	Andrew Park	**Date**	Jun 2, 2020
Phone	(310)320-3748	**E-mail**	spc@spctrade.com
Type of Change:	☒ Major	☐ Minor	☐ Obsolescence
Change Affects:	☒Form ☒Fit ☐Function ☐Reliability ☐N/A ☐Other:		
Description of Change: SPC INCH line of push connect fittings have been reduced in size and weight. Working pressure increased.			
Reason for Change: Quality improvements			
Detail of potential impact to customer: Rolling change. Customers can expect to receive mixed inventory until current inventory levels have been depleted. Please contact us if you any further questions.			
Additional Comments: For ongoing projects, please notify us immediately to reserve old stock. Sample requests will also be made available.			
Affected Products: Please see attached speadsheet			

Customer Acknowledgement/Responses: All Customer responses must be sent via e-mail to spc@spctrade.com. Customers should acknowledge receipt of the PCN within 60 days of delivery of the PCN. Lack of acknowledgement of the PCN within 60 days constitutes acceptance of the change. Any concerns, sample order response, or a request for further information must be provided within the acknowledgement period. If additional time is required to determine if samples or additional data is required, the customer must submit this request along with the acknowledgement response and state when they expect to complete their review. After acknowledgement, lack of additional response constitutes acceptance of the change.

SPC may make changes to specifications and product descriptions at any time, without notice. SPC reserves these for future definition and shall have no responsibility whatsoever for conflicts or incompatibilities arising from future changes to them. The information here is subject to change without notice. Do not finalize a design with this information. The products described in this document may contain design defects or errors known as errata which may cause the product to deviate from published specifications.

GBC-INCH (Ball Valve Straight)

OLD PN	NEW PN	ØD	R	C	ØP	A	H	J	ØK	B	W.G(g)	Q'ty/In-Box
BC 20 1/4-N1/8	GBC 20 1/4-N1/8	1/4	NPT1/8	15.5	17	8	11/16	58.4	17	23	34.6	25
BC 60 3/8-N1/4	GBC 60 3/8-N1/4	3/8	NPT1/4	19.2	24	11	31/32	82.5	24	29	96.5	12

GBUC-INCH (Ball Valve Union)

OLD PN	NEW PN	ØD1	ØD2	C1	C2	ØP1	ØP2	B	B1	W.G(g)	Q'ty/In-Box
BUC 20 1/4-1/4	GBUC 20 1/4-1/4	1/4	1/4	15.5	15.5	17	17	55.3	23	18.9	25
BUC 20 5/16-5/16	GBUC 20 5/16-5/16	5/16	5/16	17.8	17.8	17	17	57.6	23	21.1	25
BUC 60 3/8-3/8	GBUC 60 3/8-3/8	3/8	3/8	19.2	19.2	24	24	78.6	29	44.3	12
BUC 60 1/2-1/2	GBUC 60 1/2-1/2	1/2	1/2	22.4	22.4	24	24	80.2	29	47.9	12

GPCVC-INCH (Check Valve Straight)

OLD PN	NEW PN	ØD	R	H	C	ØP	B	A	W.G(g)	Q'ty/In-Box
PCVC 1/4-N01U-O	GPCVC 1/4-N01U-O	1/4	NPT 1/8	1/2	15.5	12	32.3	8	13.9	100
PCVC 1/4-N02U-O	GPCVC 1/4-N02U-O	1/4	NPT 1/4	9/16	15.5	12	32.3	11	22	50
PCVC 3/8-N03U-O	GPCVC 3/8-N03U-O	3/8	NPT 3/8	1"	19.2	25	60.5	12	42.9	20

GPCVU-INCH (Check Valve Union)

OLD PN	NEW PN	ØD	C1	C2	ØP	B	W.G(g)	Q'ty/In-Box
PVCU 1/4	GPVCU 1/4	1/4	15.5	15.5	11.7	47.7	7.6	50

GNSE-INCH (Speed Controller Elbow)

OLD PN	NEW PN	ØD	R	ØP	A	B	C	E	F	G	H	I	ØJ	K	L	M	X	Y	W.G(g)	Q'ty/In-Box
NSE 5/32-U10U	GNSE 5/32-U10U	5/32	UNF10*3	9	3.5	30	14.6	19.2	6.5	4	5/16	9.1	10.4	19.5	5	2.5	8.6	10.8	8.8	100
NSE 5/32-N01U	GNSE 5/32-N01U	5/32	NPT 1/8	9	7.7	40	14.6	21	7	4	7/16	12.2	14.4	25.6	10.5	3.5	8.6	10.8	18.5	50
NSE 1/4-U10U	GNSE 1/4-U10U	1/4	UNF10*3	11.7	3.5	30	15.5	21	7.7	4	5/16	9.1	10.4	19.5	5	2.5	11.4	13.4	10.1	100
NSE 1/4-N01U	GNSE 1/4-N01U	1/4	NPT 1/8	11.7	7.7	40	15.5	22	7	4	7/16	12.2	14.4	25.6	10.5	3.5	11.4	13.4	18.8	50
NSE 1/4-N02U	GNSE 1/4-N02U	1/4	NPT 1/4	11.7	11.2	48	15.5	24	7	6	9/16	12	18.4	31.9	11.1	3.5	11.4	13.4	36.5	50
NSE 1/4-N03U	GNSE 1/4-N03U	1/4	NPT 3/8	11.7	13.3	54	15.5	26	8.7	5	3/4	15.7	22	37.2	12	3.5	11.4	13.4	64.4	25
NSE 5/16-N01U	GNSE 5/16-N01U	5/16	NPT 1/8	13.6	7.7	40	17.8	25.1	8	4	7/16	12.2	14.4	25.6	10.5	3.5	13	15	20.5	50
NSE 5/16-N02U	GNSE 5/16-N02U	5/16	NPT 1/4	13.6	11.2	48	17.8	27.6	8.1	6	9/16	12	18.4	31.9	11.1	3.5	13	15	38.2	50
NSE 5/16-N03U	GNSE 5/16-N03U	5/16	NPT 3/8	13.6	13.3	54	17.8	28.6	8.1	5	3/4	15.7	22	37.2	12	3.5	13	15	66.3	25
NSE 3/8-N02U	GNSE 3/8-N02U	3/8	NPT 1/4	16.3	11.2	48	19.2	29.4	9.7	6	9/16	11.1	18.4	31.9	11.1	3.5	16	18.5	39.1	25
NSE 3/8-N03U	GNSE 3/8-N03U	3/8	NPT 3/8	16.3	13.3	54	19.2	29.8	9.7	5	3/4	12	22	37.2	12	3.5	16	18.5	66.8	25
NSE 3/8-N04U	GNSE 3/8-N04U	3/8	NPT 1/2	16.3	15.5	60	19.2	32.7	11.1	5.5	1"	12	28	42.8	12	3.5	16	18.5	97.0	20
NSE 1/2-N04U	GNSE 1/2-N04U	1/2	NPT 1/2	20.5	15.5	60	22.4	38.9	12.7	5.5	1"	18	28	42.8	12	3.5	20.3	23.3	101.6	20
NSE 1/4-M5	GNSE 1/4-M5	1/4	M5	11.7	3.5	30	15.5	21	7.7	4	8	9.1	10.4	19.5	5	2.5	11.4	13.4	10.2	100
NSE 1/4-R01	GNSE 1/4-R01	1/4	R1/8	11.7	7.7	40	15.5	22	7	4	10	12.2	14.4	25.6	10.5	3.5	11.4	13.4	17.9	50
NSE 1/4-R02	GNSE 1/4-R02	1/4	R1/4	11.7	11.2	48	15.5	24	7	6	14	12	18.4	31.9	11.1	3.5	11.4	13.4	35.0	50

GNSF-INCH (Speed Controller Union)

OLD PN	NEW PN	ØD	ØP	A	B	C	E	F	G	I	J	L	M	Ød	X	Y	W.G(g)	Q'ty/In-Box
NSF 5/32	GNSF 5/32	5/32	9	11	39	15	28.7	6.5	6.5	20	14	5	2.5	3.2	8.6	10.8	11.5	50
NSF 1/4	GNSF 1/4	1/4	11.7	15	46.7	16	40.9	8.5	10.9	28	20	9.5	3.5	4.2	11.4	13.4	27.0	25
NSF 3/8	GNSF 3/8	3/8	16.3	21	60.2	19	52.5	11	12	34	26	11.5	3.5	4.2	16	18.5	62.9	20
NSF 1/2	GNSF 1/2	1/2	20.5	28	73.8	22	55.6	13	16	40	32	11.5	3.5	4.2	20.3	23.3	109.0	12

GPA-INCH (Dual Male Banjo)

OLD PN	NEW PN	ØD	R	ØP	A	B	C	E	F	G	H	I	ØJ	K	X	Orifice (mm)	W.G(g)	Q'ty/In-Box
PA 1/4-N01U	GPA 1/4-N01U	1/4	NPT 1/8	11.7	8	27	15.5	22	7.3	2.5	9/16	14.6	14	11.9	11.4	5	19.9	50
PA 3/8-N03U	GPA 3/8-N03U	3/8	NPT 3/8	16.3	12	40	19.2	29.4	10.5	4	13/16	21	22.4	17	16	9	61.1	20

GPAF-INCH (Dual Female Banjo)

OLD PN	NEW PN	ØD	R	Rc	ØP	A1	A2	B	C	E	F	G	H	I	ØJ	K	X	Orifice (mm)	W.G(g)	Q'ty/In-Box
PAF 3/8-N03U	GPAF 3/8-N03U	3/8	NPT 3/8	NPT 3/	16.3	12	13	50.9	19.2	29.4	10.5	15	13/16	21	22.4	17	16	9	70.3	15

GPC-INCH (Male Straight)

OLD PN	NEW PN	ØD	R	A	B	C	H1	H2	X	Y	Orifice (mm)	W.G(g)	Q'ty/In-Box
PC 5/32-U10U	GPC 5/32-U10U	5/32	UNF10*3	4	20.2	15	3/8	-	8.6	10.8	2	5.8	100
PC 5/32-N01U	GPC 5/32-N01U	5/32	NPT1/8	8	20.2	15	7/16	3/32	8.6	10.8	2.4	9.4	100
PC 5/32-N02U	GPC 5/32-N02U	5/32	NPT1/4	11	20.2	15	9/16	3/32	8.6	10.8	2.4	16.8	100
PC 5/32-N03U	GPC 5/32-N03U	5/32	NPT3/8	12	21.2	15	11/16	3/32	8.6	10.8	2.4	28.7	50
PC 1/4-U10U	GPC 1/4-U10U	1/4	UNF10*3	4	21.8	16	1/2	-	11.4	13.4	2	10.3	100
PC 1/4-N01U	GPC 1/4-N01U	1/4	NPT1/8	8	22	16	1/2	4	11.4	13.4	4	10.9	100
PC 1/4-N02U	GPC 1/4-N02U	1/4	NPT1/4	11	22.8	16	9/16	4	11.4	13.4	4	17.3	100
PC 1/4-N03U	GPC 1/4-N03U	1/4	NPT3/8	12	22.8	16	11/16	4	11.4	13.4	4	28.9	50
PC 1/4-N04U	GPC 1/4-N04U	1/4	NPT1/2	15	25.8	16	7/8	4	11.4	13.4	4	52.8	50
PC 5/16-N01U	GPC 5/16-N01U	5/16	NPT1/8	8	27.7	18	9/16	3/16	13	15	4.8	15.3	100
PC 5/16-N02U	GPC 5/16-N02U	5/16	NPT1/4	11	25.7	18	9/16	7/32	13	15	5.6	16.8	100
PC 5/16-N03U	GPC 5/16-N03U	5/16	NPT3/8	12	23.7	18	11/16	7/32	13	15	5.6	26.4	50
PC 5/16-N04U	GPC 5/16-N04U	5/16	NPT1/2	15	26.7	18	7/8	7/32	13	15	5.6	50.3	50
PC 3/8-N01U	GPC 3/8-N01U	3/8	NPT1/8	8	29.2	19	11/16	3/16	16	18.5	4.8	22.4	50
PC 3/8-N02U	GPC 3/8-N02U	3/8	NPT1/4	11	32.2	19	11/16	7/32	16	18.5	5.6	27.2	50
PC 3/8-N03U	GPC 3/8-N03U	3/8	NPT3/8	12	28.2	19	11/16	5/16	16	18.5	7.9	28.9	50
PC 3/8-N04U	GPC 3/8-N04U	3/8	NPT1/2	15	27.1	19	7/8	5/16	16	18.5	7.9	48.2	50
PC 1/2-N01U	GPC 1/2-N01U	1/2	NPT1/8	8	32.4	22	7/8	5/32	20.3	23.3	4	35.8	50
PC 1/2-N02U	GPC 1/2-N02U	1/2	NPT1/4	11	35.4	22	7/8	1/4	20.3	23.3	6.4	40.5	50
PC 1/2-N03U	GPC 1/2-N03U	1/2	NPT3/8	12	31.8	22	7/8	5/16	20.3	23.3	7.9	40.0	50
PC 1/2-N04U	GPC 1/2-N04U	1/2	NPT1/2	15	33.8	22	7/8	5/16	20.3	23.3	7.9	53.4	25
PC 5/32-R01	GPC 5/32-R01	5/32	R1/8	8	20.2	15	10	3	8.6	10.8	3	8.6	100
PC 5/32-R02	GPC 5/32-R02	5/32	R1/4	11	20.2	15	14	3	8.6	10.8	3	17.3	100
PC 5/32-R03	GPC 5/32-R03	5/32	R3/8	12	21.2	15	17	3	8.6	10.8	3	30.0	50
PC 1/4-R01	GPC 1/4-R01	1/4	R1/8	8	22	16	12	4	11.4	13.4	4	9.4	100
PC 1/4-R02	GPC 1/4-R02	1/4	R1/4	11	22.8	16	14	4	11.4	13.4	4	16.0	100
PC 1/4-R03	GPC 1/4-R03	1/4	R3/8	12	22.8	16	17	4	11.4	13.4	4	27.4	50
PC 1/4-R04	GPC 1/4-R04	1/4	R1/2	15	25.8	16	21	4	11.4	13.4	4	49.2	50
PC 5/16-R01	GPC 5/16-R01	5/16	R1/8	8	27.7	18	13	5	13	15	5	13.7	100
PC 5/16-R02	GPC 5/16-R02	5/16	R1/4	11	25.7	18	14	6	13	15	6	17.1	100
PC 5/16-R03	GPC 5/16-R03	5/16	R3/8	12	23.7	18	17	6	13	15	6	27.3	50
PC 5/16-R04	GPC 5/16-R04	5/16	R1/2	15	26.7	18	21	6	13	15	6	51.8	50

PC 3/8-R01	GPC 3/8-R01	3/8	R1/8	8	29.2	19	17	5	16	18.5	5	20.7	50
PC 3/8-R02	GPC 3/8-R02	3/8	R1/4	11	32.2	19	17	6	16	18.5	6	25.2	50
PC 3/8-R03	GPC 3/8-R03	3/8	R3/8	12	28.2	19	17	8	16	18.5	8	26.9	50
PC 3/8-R04	GPC 3/8-R04	3/8	R1/2	15	27.1	19	21	8	16	18.5	8	42.9	50
PC 1/2-R01	GPC 1/2-R01	1/2	R1/8	8	32.4	22	21	4	20.3	23.3	4	31.1	50
PC 1/2-R02	GPC 1/2-R02	1/2	R1/4	11	35.4	22	21	6	20.3	23.3	6	35.1	50
PC 1/2-R03	GPC 1/2-R03	1/2	R3/8	12	31.8	22	21	8	20.3	23.3	8	35.0	50
PC 1/2-R04	GPC 1/2-R04	1/2	R1/2	15	33.8	22	21	8	20.3	23.3	8	46.9	25

GPCF-INCH (Female Straight)

OLD PN	NEW PN	ØD	Rc	ØP	G	A	B	C	H	X	Y	Orifice (mm)	W.G(g)	Q'ty/In-Box
PCF 5/32-N01U	GPCF 5/32-N01U	5/32	NPT1/8	8.8	11	9	24.5	14.6	9/16	8.6	10.8	3.2	13.1	100
PCF 5/32-N02U	GPCF 5/32-N02U	5/32	NPT1/4	8.8	14	12	27.5	14.6	11/16	8.6	10.8	3.2	19.4	100
PCF 1/4-N01U	GPCF 1/4-N01U	1/4	NPT1/8	11.5	11	9	25.4	15.5	9/16	11.4	13.4	5	16.1	100
PCF 1/4-N02U	GPCF 1/4-N02U	1/4	NPT1/4	11.5	14	12	28.4	15.5	11/16	11.4	13.4	5	25.4	50
PCF 1/4-N03U	GPCF 1/4-N03U	1/4	NPT3/8	11.5	15	13	29.4	15.5	3/4	11.4	13.4	5	25.6	50
PCF 5/16-N01U	GPCF 5/16-N01U	5/16	NPT1/8	13	10	9	27.7	17.8	9/16	13	15	7	16.7	50
PCF 5/16-N02U	GPCF 5/16-N02U	5/16	NPT1/4	13	14	12	30.7	17.8	11/16	13	15	7	26.0	50
PCF 5/16-N03U	GPCF 5/16-N03U	5/16	NPT3/8	13	15	13	31.7	17.8	7/8	13	15	7	33.9	50
PCF 5/16-N04U	GPCF 5/16-N04U	5/16	NPT1/2	13	18	16	34.7	17.8	7/8	13	15	7	40.0	25
PCF 3/8-N01U	GPCF 3/8-N01U	3/8	NPT1/8	15.5	10	9	29.2	19.2	11/16	16	18.5	6	28.2	50
PCF 3/8-N02U	GPCF 3/8-N02U	3/8	NPT1/4	15.5	13	12	32.2	19.2	11/16	16	18.5	8	28.8	50
PCF 3/8-N03U	GPCF 3/8-N03U	3/8	NPT3/8	15.5	15	13	33.2	19.2	3/4	16	18.5	8	29.2	25
PCF 3/8-N04U	GPCF 3/8-N04U	3/8	NPT1/2	15.5	18	16	36.2	19.2	7/8	16	18.5	9	37.3	25
PCF 1/2-N02U	GPCF 1/2-N02U	1/2	NPT1/4	19.6	12	12	35.4	22.4	7/8	20.3	23.3	10	53.2	25
PCF 1/2-N03U	GPCF 1/2-N03U	1/2	NPT3/8	19.6	15	13	36.4	22.4	7/8	20.3	23.3	10	50.1	25
PCF 1/2-N04U	GPCF 1/2-N04U	1/2	NPT1/2	19.6	18	16	39.4	22.4	1"	20.3	23.3	10	67.0	25
PCF 5/32-R01	GPCF 5/32-R01	5/32	Rc1/8	8.8	11	9	24.5	14.6	13	8.6	10.8	3.2	13.5	100
PCF 5/32-R02	GPCF 5/32-R02	5/32	Rc1/4	8.8	14	12	27.5	14.6	17	8.6	10.8	3.2	24.9	100
PCF 5/32-R03	GPCF 5/32-R03	5/32	Rc3/8	8.8	15	13	28.5	14.6	19	8.6	10.8	3.2	26.3	50
PCF 1/4-R01	GPCF 1/4-R01	1/4	Rc1/8	11.5	11	9	25.4	15.5	14	11.4	13.4	5	15.9	100
PCF 1/4-R02	GPCF 1/4-R02	1/4	Rc1/4	11.5	14	12	28.4	15.5	17	11.4	13.4	5	23.9	50
PCF 1/4-R03	GPCF 1/4-R03	1/4	Rc3/8	11.5	15	13	29.4	15.5	21	11.4	13.4	5	34.1	50
PCF 5/16-R01	GPCF 5/16-R01	5/16	Rc1/8	13	10	9	27.7	17.8	13	13	15	7	16.4	50
PCF 5/16-R02	GPCF 5/16-R02	5/16	Rc1/4	13	14	12	30.7	17.8	17	13	15	7	27.7	50
PCF 5/16-R03	GPCF 5/16-R03	5/16	Rc3/8	13	15	13	31.7	17.8	19	13	15	7	29.2	50
PCF 5/16-R04	GPCF 5/16-R04	5/16	Rc1/2	13	18	16	34.7	17.8	24	13	15	7	50.5	25
PCF 3/8-R01	GPCF 3/8-R01	3/8	Rc1/8	15.5	10	9	29.2	19.2	17	16	18.5	7	27.6	50
PCF 3/8-R02	GPCF 3/8-R02	3/8	Rc1/4	15.5	13	12	32.2	19.2	17	16	18.5	9	28.0	50
PCF 3/8-R03	GPCF 3/8-R03	3/8	Rc3/8	15.5	15	13	33.2	19.2	21	16	18.5	9	38.7	25
PCF 3/8-R04	GPCF 3/8-R04	3/8	Rc1/2	15.5	18	16	36.2	19.2	24	16	18.5	9	49.2	25
PCF 1/2-R02	GPCF 1/2-R02	1/2	Rc1/4	19.6	12	12	35.4	22.4	21	20.3	23.3	10	49.3	25
PCF 1/2-R03	GPCF 1/2-R03	1/2	Rc3/8	19.6	15	13	36.4	22.4	21	20.3	23.3	10	45.3	25
PCF 1/2-R04	GPCF 1/2-R04	1/2	Rc1/2	19.6	18	16	39.4	22.4	24	20.3	23.3	10	55.8	25

GPG-INCH (Reducer Straight)

OLD PN	NEW PN	ØD1	ØD2	ØP1	ØP2	B	C1	C2	X1	Y1	X2	Y2	Orifice (mm)	W.G(g)	Q'ty/In-Box
PG 1/4-5/32	GPG 1/4-5/32	1/4	5/32	11.7	9	31	15.5	14.6	11.4	13.4	8.6	10.8	3.2	3.7	100
PG 5/16-1/4	GPG 5/16-1/4	5/16	1/4	13.6	11.7	34	17.8	15.5	13	15	11.4	13.4	5	5.7	50
PG 3/8-1/4	GPG 3/8-1/4	3/8	1/4	16.3	11.7	36	19.2	15.5	16	18.5	11.4	13.4	5	7.1	50
PG 1/2-1/4	GPG 1/2-1/4	1/2	1/4	20.5	20.5	53	22.4	15.5	20.3	23.3	11.4	13.4	5	37.5	25
PG 3/8-5/16	GPG 3/8-5/16	3/8	5/16	16.3	13.6	38	19.2	17.8	16	18.5	13	15	7	8.0	50
PG 1/2-3/8	GPG 1/2-3/8	1/2	3/8	20.5	16.3	43	22.4	19.2	20.3	23.3	16	18.5	8.5	13.8	25

GPGJ-INCH (Plug-in Reducer)

OLD PN	NEW PN	ØD1	ØD2	ØP	B	C1	C2	E	X	Y	Orifice (mm)	W.G(g)	Q'ty/In-Box
PGJ 5/16-1/4	GPGJ 5/16-1/4	5/16	1/4	11.7	39.5	18	15.5	12.6	11.4	13.4	5	5.1	50
PGJ 3/8-1/4	GPGJ 3/8-1/4	3/8	1/4	11.7	40.8	19	15.5	12.6	11.4	13.4	5	6.4	50
PGJ 1/2-1/4	GPGJ 1/2-1/4	1/2	1/4	11.7	45	22	15.5	16	11.4	13.4	5	10.2	25
PGJ 1/2-3/8	GPGJ 1/2-3/8	1/2	3/8	16.3	46.4	22	19.2	14.8	16	18.5	9	12.8	25
PGJ 3/8-5/16	GPGJ 3/8-5/16	3/8	5/16	13.6	45.6	19	17.8	16.6	13	15	7	3.9	50
PGJ 1/2-5/16	GPGJ 1/2-5/16	1/2	5/16	13.6	46.6	22	17.8	16.6	13	15	7	4.7	25

GPH-INCH (Male Banjo)

OLD PN	NEW PN	ØD	R	ØP	A	B	C	E	F	G	H	I	ØJ	X	Y	Orifice (mm)	W.G(g)	Q'ty/In-Box
PH 5/32-U10U	GPH 5/32-U10U	5/32	UNF10*3	9	3.5	18	10.9	19.6	6.6	2.5	3/8	11.8	10	8.6	10.8	2	6.3	100
PH 1/4-N01U	GPH 1/4-N01U	1/4	NPT 1/8	11.7	8	27	15.5	22.5	7.3	2.5	9/16	14.6	14	11.4	13.4	5	17.5	50
PH 1/4-N02U	GPH 1/4-N02U	1/4	NPT 1/4	11.7	11	34	15.5	25	9	3	11/16	18	19	11.4	13.4	5	32.6	50
PH 3/8-N02U	GPH 3/8-N02U	3/8	NPT 1/4	16.3	11	34	19.2	28.7	9.7	3	11/16	18.1	19	16	18.5	8	35.0	25

GPHF-INCH (Female Banjo)

OLD PN	NEW PN	ØD	R	Rc	ØP	A1	A2	B	C	E	F	G	H	I	ØJ	X	Y	Orifice (mm)	W.G(g)	Q'ty/In-Box
PHF 1/4-N02U	GPHF 1/4-N02U	1/4	NPT 1/4	NPT 1/	11.7	11	12	44.5	15.5	25	9	13.5	11/16	18	19	11.4	13.4	5	44.0	50
PHF 5/16-N01U	GPHF 5/16-N01U	5/16	NPT 1/8	NPT 1/	13.6	8	9	34.6	17.8	25.6	8	10.5	9/16	14.6	14	13	15	6	24.7	50

GPKG-INCH (Triple Branch Reducer)

OLD PN	NEW PN	ØD1	ØD2	ØP1	ØP2	B	C1	C2	Ød	F1	F2	J	X1	Y1	X2	Y2	Orifice (mm)	W.G(g)	Q'ty/In-Box
PKG 3/8-1/4	GPKG 3/8-1/4	3/8	1/4	16.3	11.7	68	19.2	15.5	4.2	10	39.6	11.9	16	18.5	11.4	13.4	5	19.1	25

GPL-INCH (Male Elbow)

OLD PN	NEW PN	ØD	R	ØP	A	B	C	E	F	H	X	Y	Orifice (mm)	W.G(g)	Q'ty/In-Box
PL 5/32-U10U	GPL 5/32-U10U	5/32	UNF10*3	9	4	15	14.6	17.2	4.4	3/8	8.6	10.8	2	4.4	100
PL 5/32-N01U	GPL 5/32-N01U	5/32	NPT1/8	9	8	18	14.6	17.2	5.0	7/16	8.6	10.8	3.2	8.5	100
PL 5/32-N02U	GPL 5/32-N02U	5/32	NPT1/4	9	11	21	14.6	17.2	5.0	9/16	8.6	10.8	3.2	16.7	100
PL 5/32-N03U	GPL 5/32-N03U	5/32	NPT3/8	9	12	22	14.6	17.2	5.0	11/16	8.6	10.8	3.2	27.0	50
PL 1/4-U10U	GPL 1/4-U10U	1/4	UNF10*3	11.7	4	21	15.5	18	5.4	3/8	11.4	13.4	2.5	6.1	100
PL 1/4-N01U	GPL 1/4-N01U	1/4	NPT1/8	11.7	8	23	15.5	18	5.0	7/16	11.4	13.4	4	9.8	100
PL 1/4-N02U	GPL 1/4-N02U	1/4	NPT1/4	11.7	11	26	15.5	18	5.0	9/16	11.4	13.4	4	18.0	50
PL 1/4-N03U	GPL 1/4-N03U	1/4	NPT3/8	11.7	12	27	15.5	18	5.0	11/16	11.4	13.4	4	27.2	50
PL 1/4-N04U	GPL 1/4-N04U	1/4	NPT1/2	11.7	15	31	15.5	18	6.0	7/8	11.4	13.4	4	49.6	25
PL 5/16-N01U	GPL 5/16-N01U	5/16	NPT1/8	13.6	8	20	17.8	23.6	5.0	7/16	13.0	15.0	5.5	10.3	50
PL 5/16-N02U	GPL 5/16-N02U	5/16	NPT1/4	13.6	11	23	17.8	23.6	4.5	9/16	13.0	15.0	5.5	17.8	50
PL 5/16-N03U	GPL 5/16-N03U	5/16	NPT3/8	13.6	12	24	17.8	23.6	4.5	11/16	13.0	15.0	5.5	26.6	50
PL 5/16-N04U	GPL 5/16-N04U	5/16	NPT1/2	13.6	15	28	17.8	23.6	5.5	7/8	13.0	15.0	5.5	49.5	25

PL 3/8-N01U	GPL 3/8-N01U	3/8	NPT1/8	16.3	8	30	19.2	24.8	6.5	11/16	16	18.5	6	19.6	50
PL 3/8-N02U	GPL 3/8-N02U	3/8	NPT1/4	16.3	11	33	19.2	24.8	6.5	11/16	16	18.5	8	24.4	25
PL 3/8-N03U	GPL 3/8-N03U	3/8	NPT3/8	16.3	12	32	19.2	24.8	5.0	11/16	16	18.5	8	26.6	25
PL 3/8-N04U	GPL 3/8-N04U	3/8	NPT1/2	16.3	15	35	19.2	24.8	5.0	7/8	16	18.5	8	47.2	25
PL 1/2-N01U	GPL 1/2-N01U	1/2	NPT1/8	20.5	8	31	22.4	32.2	6.5	11/16	20.3	23.3	6	24.9	25
PL 1/2-N02U	GPL 1/2-N02U	1/2	NPT1/4	20.5	11	34	22.4	32.2	6.5	11/16	20.3	23.3	8	29.7	25
PL 1/2-N03U	GPL 1/2-N03U	1/2	NPT3/8	20.5	12	34	22.4	32.2	5.0	11/16	20.3	23.3	9.5	31.9	25
PL 1/2-N04U	GPL 1/2-N04U	1/2	NPT1/2	20.5	15	37	22.4	32.2	5.0	7/8	20.3	23.3	9.5	52.5	25
PL 5/32-R01	GPL 5/32-R01	5/32	R1/8	9	8	18	14.6	17.2	5	10	8.6	10.8	3.2	7.9	100
PL 5/32-R02	GPL 5/32-R02	5/32	R1/4	9	11	21	14.6	17.2	5	14	8.6	10.8	3.2	17.0	100
PL 5/32-R03	GPL 5/32-R03	5/32	R3/8	9	12	22	14.6	17.2	5	17	8.6	10.8	3.2	26.4	50
PL 1/4-R01	GPL 1/4-R01	1/4	R1/8	11.7	8	23	15.5	18.0	5	11	11.4	13.4	4	9.2	100
PL 1/4-R02	GPL 1/4-R02	1/4	R1/4	11.7	11	26	15.5	18.0	5	14	11.4	13.4	4	17.0	50
PL 1/4-R03	GPL 1/4-R03	1/4	R3/8	11.7	12	27	15.5	18.0	5	17	11.4	13.4	4	25.7	50
PL 1/4-R04	GPL 1/4-R04	1/4	R1/2	11.7	15	31	15.5	18.0	6	21	11.4	13.4	4	45.5	25
PL 5/16-R01	GPL 5/16-R01	5/16	R1/8	13.6	8	20	17.8	23.6	5	10	13	15	5.5	10.4	50
PL 5/16-R02	GPL 5/16-R02	5/16	R1/4	13.6	11	23	17.8	23.6	4.5	14	13	15	5.5	19.1	50
PL 5/16-R03	GPL 5/16-R03	5/16	R3/8	13.6	12	24	17.8	23.6	4.5	17	13	15	5.5	28.4	50
PL 5/16-R04	GPL 5/16-R04	5/16	R1/2	13.6	15	28	17.8	23.6	5.5	21	13	15	5.5	50.7	25
PL 3/8-R01	GPL 3/8-R01	3/8	R1/8	16.3	8	30	19.2	24.8	6.5	17	16	18.5	6	18.4	50
PL 3/8-R02	GPL 3/8-R02	3/8	R1/4	16.3	11	33	19.2	24.8	6.5	17	16	18.5	8	22.9	25
PL 3/8-R03	GPL 3/8-R03	3/8	R3/8	16.3	12	32	19.2	24.8	5	17	16	18.5	8	25.2	25
PL 3/8-R04	GPL 3/8-R04	3/8	R1/2	16.3	15	35	19.2	24.8	5	21	16	18.5	8	43.6	25
PL 1/2-R01	GPL 1/2-R01	1/2	R1/8	20.5	8	31	22.4	32.2	6.5	17	20.3	23.3	6	23.8	25
PL 1/2-R02	GPL 1/2-R02	1/2	R1/4	20.5	11	34	22.4	32.2	6.5	17	20.3	23.3	8	28.3	25
PL 1/2-R03	GPL 1/2-R03	1/2	R3/8	20.5	12	34	22.4	32.2	5	17	20.3	23.3	9.5	30.5	25
PL 1/2-R04	GPL 1/2-R04	1/2	R1/2	20.5	15	37	22.4	32.2	5	21	20.3	23.3	9.5	48.9	25

GPL45-INCH (Male 45 Elbow)

OLD PN	NEW PN	ØD	R	ØP	A	B	C	E	F	H	X	Y	Orifice (mm)	W.G(g)	Q'ty/In-Box
PL45 5/32-U10U	GPL45 5/32-U10U	5/32	UNF10×3	9	4	13	14.6	17.2	4.4	3/8	8.6	10.8	2	4.4	100
PL45 1/4-U10U	GPL45 1/4-U10U	1/4	UNF10×3	11.7	4	15	15.5	18.0	5.4	3/8	11.4	13.4	2.5	5.8	100
PL45 1/4-N01U	GPL45 1/4-N01U	1/4	NPT 1/8	11.7	8	17	15.5	18.0	5	7/16	11.4	13.4	4	9.5	100
PL45 1/4-N02U	GPL45 1/4-N02U	1/4	NPT 1/4	11.7	11	20	15.5	18.0	5	9/16	11.4	13.4	4	17.7	50
PL45 1/4-N03U	GPL45 1/4-N03U	1/4	NPT 3/8	11.7	12	21	15.5	18.0	5	11/16	11.4	13.4	4	26.9	50
PL45 1/4-N04U	GPL45 1/4-N04U	1/4	NPT 1/2	11.7	15	25	15.5	18.0	6	7/8	11.4	13.4	4	49.3	50
PL45 1/4-R01	GPL45 1/4-R01	1/4	R1/8	11.7	8	17	15.5	18.0	5	11	11.4	13.4	4	9.0	100

GPLF-INCH (Female Elbow)

OLD PN	NEW PN	ØD	R	ØP	A	B	C	E	F	H	X	Y	Orifice (mm)	W.G(g)	Q'ty/In-Box
PLF 5/32-U10U	GPLF 5/32-U10U	5/32	UNF10×3	9	5	15	14.6	17.2	9.8	7/16	8.6	10.8	3	8.8	100
PLF 5/32-N01U	GPLF 5/32-N01U	5/32	NPT1/8	9	9	19	14.6	17.2	13.8	9/16	8.6	10.8	3.2	14.8	100
PLF 5/32-N02U	GPLF 5/32-N02U	5/32	NPT1/4	9	12	22	14.6	17.2	16.8	11/16	8.6	10.8	3.2	27.2	50
PLF 1/4-U10U	GPLF 1/4-U10U	1/4	UNF10×3	11.7	5	21	15.5	18	10.8	7/16	11.4	13.4	3	10.8	100
PLF 1/4-N01U	GPLF 1/4-N01U	1/4	NPT1/8	11.7	9	25	15.5	18	14.8	9/16	11.4	13.4	4	19.0	50
PLF 1/4-N02U	GPLF 1/4-N02U	1/4	NPT1/4	11.7	12	28	15.5	18	17.8	11/16	11.4	13.4	4	30.9	50
PLF 1/4-N03U	GPLF 1/4-N03U	1/4	NPT3/8	11.7	13	29	15.5	18	18.8	7/8	11.4	13.4	4	49.8	25
PLF 5/16-N02U	GPLF 5/16-N02U	5/16	NPT1/4	13.6	12	25	17.8	23.6	17.4	11/16	13	15	5.5	30.2	50
PLF 5/16-N03U	GPLF 5/16-N03U	5/16	NPT3/8	13.6	13	26	17.8	23.6	18.4	7/8	13	15	5.5	49.0	25
PLF 3/8-N01U	GPLF 3/8-N01U	3/8	NPT1/8	16.3	9	30	19.2	24.8	14.9	11/16	16	18.5	8	30.3	25
PLF 3/8-N02U	GPLF 3/8-N02U	3/8	NPT1/4	16.3	12	33	19.2	24.8	17.9	11/16	16	18.5	8	30.6	25
PLF 3/8-N03U	GPLF 3/8-N03U	3/8	NPT3/8	16.3	13	35	19.2	24.8	18.9	3/4	16	18.5	8	32.1	25

GPLJ-INCH (Plug-in Elbow)

OLD PN	NEW PN	ØD1	ØD2	ØP	B	C1	C2	E	X	Y	Orifice (mm)	W.G(g)	Q'ty/In-Box
PLJ 1/4	GPLJ 1/4	1/4	1/4	11.7	29.6	16	15.5	18	11.4	13.4	4	3.1	50
PLJ 3/8	GPLJ 3/8	3/8	3/8	16.3	36.2	19	19.2	24.8	16	18.5	7	7.1	25
PLJ 1/2	GPLJ 1/2	1/2	1/2	20.5	39.9	22	22.4	32.2	20.3	23.3	9.5	12.9	25

GPLL-INCH (Extended Male Elbow)

OLD PN	NEW PN	ØD	R	ØP	A	B	C	E	H	X	Y	Orifice (mm)	W.G(g)	Q'ty/In-Box
PLL 5/32-U10U	GPLL 5/32-U10U	5/32	UNF10×3	9	4	27	14.6	17.2	3/8	8.6	10.8	2.5	12.2	100
PLL 5/32-N01U	GPLL 5/32-N01U	5/32	NPT1/8	9	8	30	14.6	17.2	7/16	8.6	10.8	3.2	16.8	50
PLL 5/32-N02U	GPLL 5/32-N02U	5/32	NPT1/4	9	11	33	14.6	17.2	9/16	8.6	10.8	3.2	29.9	50
PLL 5/32-N03U	GPLL 5/32-N03U	5/32	NPT3/8	9	12	34	14.6	17.2	11/16	8.6	10.8	3.2	43.3	50
PLL 1/4-U10U	GPLL 1/4-U10U	1/4	UNF10×3	11.7	4	32	15.5	18.0	3/8	11.4	13.4	2.5	13.3	50
PLL 1/4-N01U	GPLL 1/4-N01U	1/4	NPT1/8	11.7	8	35	15.5	18.0	7/16	11.4	13.4	4	18.1	50
PLL 1/4-N02U	GPLL 1/4-N02U	1/4	NPT1/4	11.7	11	38	15.5	18.0	9/16	11.4	13.4	4	31.4	50
PLL 1/4-N03U	GPLL 1/4-N03U	1/4	NPT3/8	11.7	12	39	15.5	18.0	11/16	11.4	13.4	4	45.2	50
PLL 5/16-N01U	GPLL 5/16-N01U	5/16	NPT1/8	13.6	8	35	17.8	23.6	7/16	13.0	15.0	5.5	20.3	50
PLL 5/16-N02U	GPLL 5/16-N02U	5/16	NPT1/4	13.6	11	38	17.8	23.6	9/16	13.0	15.0	5.5	33.9	50
PLL 5/16-N03U	GPLL 5/16-N03U	5/16	NPT3/8	13.6	12	39	17.8	23.6	11/16	13.0	15.0	5.5	48.1	25
PLL 3/8-N01U	GPLL 3/8-N01U	3/8	NPT1/8	16.3	8	51	19.2	24.8	11/16	16.0	18.5	6	53.6	25
PLL 3/8-N02U	GPLL 3/8-N02U	3/8	NPT1/4	16.3	11	54	19.2	24.8	11/16	16.0	18.5	8	57.9	25
PLL 3/8-N03U	GPLL 3/8-N03U	3/8	NPT3/8	16.3	12	53	19.2	24.8	11/16	16.0	18.5	8	56.9	25
PLL 3/8-N04U	GPLL 3/8-N04U	3/8	NPT1/2	16.3	15	56	19.2	24.8	7/8	16.0	18.5	8	98.1	20
PLL 1/2-N02U	GPLL 1/2-N02U	1/2	NPT1/4	20.5	11	56	22.4	32.2	11/16	20.3	23.3	8	63.3	25
PLL 1/2-N03U	GPLL 1/2-N03U	1/2	NPT3/8	20.5	12	55	22.4	32.2	11/16	20.3	23.3	9.5	62.2	20
PLL 1/2-N04U	GPLL 1/2-N04U	1/2	NPT1/2	20.5	15	58	22.4	32.2	7/8	20.3	23.3	9.5	103.5	20
PLL 5/32-R01	GPLL 5/32-R01	5/32	R1/8	9	8	30	14.6	17.2	10	8.6	10.8	3.2	14.7	50
PLL 5/32-R02	GPLL 5/32-R02	5/32	R1/4	9	11	33	14.6	17.2	14	8.6	10.8	3.2	31.0	50
PLL 5/32-R03	GPLL 5/32-R03	5/32	R3/8	9	12	34	14.6	17.2	17	8.6	10.8	3.2	44.4	50
PLL 1/4-R01	GPLL 1/4-R01	1/4	R1/8	11.7	8	35	15.5	17.5	10	11.4	13.4	4	16.0	50
PLL 1/4-R02	GPLL 1/4-R02	1/4	R1/4	11.7	11	38	15.5	17.5	14	11.4	13.4	4	31.0	50
PLL 1/4-R03	GPLL 1/4-R03	1/4	R3/8	11.7	12	39	15.5	17.5	17	11.4	13.4	4	43.7	50
PLL 5/16-R01	GPLL 5/16-R01	5/16	R1/8	13.6	8	35	17.8	23.6	10	13	15	5.5	18.6	50
PLL 5/16-R02	GPLL 5/16-R02	5/16	R1/4	13.6	11	38	17.8	23.6	14	13	15	5.5	35.8	50
PLL 5/16-R03	GPLL 5/16-R03	5/16	R3/8	13.6	12	39	17.8	23.6	17	13	15	5.5	50.0	25
PLL 5/16-R04	GPLL 5/16-R04	5/16	R1/2	13.6	15	43	17.8	23.6	21	13	15	5.5	84.1	20
PLL 3/8-R01	GPLL 3/8-R01	3/8	R1/8	16.3	8	51	19.2	24.8	17	16	18.5	6	53.8	25
PLL 3/8-R02	GPLL 3/8-R02	3/8	R1/4	16.3	11	54	19.2	24.8	17	16	18.5	8	58.3	25
PLL 3/8-R03	GPLL 3/8-R03	3/8	R3/8	16.3	12	53	19.2	24.8	17	16	18.5	8	57.3	25
PLL 3/8-R04	GPLL 3/8-R04	3/8	R1/2	16.3	15	56	19.2	24.8	21	16	18.5	8	94.4	20
PLL 1/2-R01	GPLL 1/2-R01	1/2	R1/8	20.5	8	53	22.4	32.2	17	20.3	23.3	6	59.1	25
PLL 1/2-R02	GPLL 1/2-R02	1/2	R1/4	20.5	11	56	22.4	32.2	17	20.3	23.3	8	63.6	25
PLL 1/2-R03	GPLL 1/2-R03	1/2	R3/8	20.5	12	55	22.4	32.2	17	20.3	23.3	9.5	62.6	20
PLL 1/2-R04	GPLL 1/2-R04	1/2	R1/2	20.5	15	58	22.4	32.2	21	20.3	23.3	9.5	99.7	20

GPMF-INCH (Female Bulkhead)

OLD PN	NEW PN	ØD	Rc	ØP	M	G	A	B	C	E	H1	H2	Orifice (mm)	W.G(g)	Q'ty/In-Box
PMF 5/32-N01U	GPMF 5/32-N01U	5/32	NPT1/8	8.8	UNF1/4	11	9	25.2	14.6	3	9/16	9/16	3.2	19.8	100
PMF 1/4-N01U	GPMF 1/4-N01U	1/4	NPT1/8	11.5	UNF9/16	9	9	26.3	15.5	6.1	11/16	11/16	5	29.4	50
PMF 1/4-N02U	GPMF 1/4-N02U	1/4	NPT1/4	11.5	UNF9/16	14	12	31.3	15.5	6.1	11/16	11/16	5	34.7	50
PMF 5/16-N01U	GPMF 5/16-N01U	5/16	NPT1/8	13	UNF5/8	9	8	29.9	17.8	7.7	3/4	3/4	7	39.1	50
PMF 5/16-N02U	GPMF 5/16-N02U	5/16	NPT1/4	13	UNF5/8	14	12	34.9	17.8	7.7	3/4	3/4	7	45.9	50
PMF 5/16-N03U	GPMF 5/16-N03U	5/16	NPT3/8	13	UNF5/8	15	13	35.9	17.8	7.7	3/4	3/4	7	39.6	50
PMF 3/8-N02U	GPMF 3/8-N02U	3/8	NPT1/4	15.5	UNF7/8	13	12	32.1	19.2	4	1"	1"	8	82.4	25
PMF 3/8-N03U	GPMF 3/8-N03U	3/8	NPT3/8	15.5	UNF7/8	15	13	34.1	19.2	4	1"	1"	8	82.6	25
PMF 1/2-N02U	GPMF 1/2-N02U	1/2	NPT1/4	19.6	UNF7/8	12	12	35.6	22.6	8.3	1"	1"	10	82.6	25
PMF 1/2-N03U	GPMF 1/2-N03U	1/2	NPT3/8	19.6	UNF7/8	14	13	37.6	22.6	8.3	1"	1"	10	82.5	25
PMF 1/2-N04U	GPMF 1/2-N04U	1/2	NPT1/2	19.6	UNF7/8	18	16	41.6	22.6	8.3	1"	1"	10	83.8	25
PMF 5/32-R01	GPMF 5/32-R01	5/32	Rc1/8	8.8	12×1.5	11	9	25.2	14.6	3.4	14	14	3.2	18.3	100
PMF 5/32-R02	GPMF 5/32-R02	5/32	Rc1/4	8.8	12×1.5	14	12	28.2	14.6	3.4	17	14	3.2	26.0	50
PMF 5/32-R03	GPMF 5/32-R03	5/32	Rc3/8	8.8	12×1.5	15	13	29.2	14.6	3.4	19	14	3.2	27.5	50
PMF 1/4-R01	GPMF 1/4-R01	1/4	Rc1/8	11.5	14×1.5	9	9	26.3	15.5	6.2	17	17	5	28.0	50
PMF 1/4-R02	GPMF 1/4-R02	1/4	Rc1/4	11.5	14×1.5	14	12	31.3	15.5	6.2	17	17	5	32.5	50
PMF 1/4-R03	GPMF 1/4-R03	1/4	Rc3/8	11.5	14×1.5	15	13	32.3	15.5	6.2	19	17	5	33.9	50
PMF 5/16-R01	GPMF 5/16-R01	5/16	Rc1/8	13	16×1.5	8	9	29.9	17.8	7.7	19	19	7	39.9	50
PMF 5/16-R02	GPMF 5/16-R02	5/16	Rc1/4	13	16×1.5	14	12	34.9	17.8	7.7	19	19	7	44.8	50
PMF 5/16-R03	GPMF 5/16-R03	5/16	Rc3/8	13	16×1.5	15	13	35.9	17.8	7.7	19	19	7	41.8	50
PMF 5/16-R04	GPMF 5/16-R04	5/16	Rc1/2	13	16×1.5	18	16	38.9	17.8	7.7	24	19	7	59.7	25
PMF 3/8-R01	GPMF 3/8-R01	3/8	Rc1/8	15.5	20×1.5	10	9	29.1	19.2	5.7	22	24	7	58.2	25
PMF 3/8-R02	GPMF 3/8-R02	3/8	Rc1/4	15.5	20×1.5	13	12	32.1	19.2	5.7	22	24	8	66.9	25
PMF 3/8-R03	GPMF 3/8-R03	3/8	Rc3/8	15.5	20×1.5	15	13	34.1	19.2	5.7	22	24	8	61.1	25
PMF 3/8-R04	GPMF 3/8-R04	3/8	Rc1/2	15.5	20×1.5	18	16	37.1	19.2	5.7	24	24	8	63.0	25
PMF 1/2-R01	GPMF 1/2-R01	1/2	Rc1/8	19.6	22×1.5	9	9	32.6	22.6	8.4	24	26	8	71.4	25
PMF 1/2-R02	GPMF 1/2-R02	1/2	Rc1/4	19.6	22×1.5	12	12	35.6	22.6	8.4	24	26	10	78.0	25
PMF 1/2-R03	GPMF 1/2-R03	1/2	Rc3/8	19.6	22×1.5	14	13	37.6	22.6	8.4	24	26	10	76.5	25
PMF 1/2-R04	GPMF 1/2-R04	1/2	Rc1/2	19.6	22×1.5	18	16	41.6	22.6	8.4	24	26	10	77.2	25

GPMM-INCH (Bulkhead Union)

OLD PN	NEW PN	ØD	ØP	M	A	H	B	C	E	Orifice (mm)	W.G(g)	Q'ty/In-Box
PMM 5/32	GPMM 5/32	5/32	8.8	UNF1/2	11.2	9/16	30.2	14.6	7.9	3.2	20.4	100
PMM 1/4	GPMM 1/4	1/4	11.5	UNF9/16	11.2	11/16	31.9	15.5	9.6	5	26.6	50
PMM 5/16	GPMM 5/16	5/16	13	UNF5/8	13.2	3/4	37	17.8	10.7	7	35.3	50
PMM 3/8	GPMM 3/8	3/8	15.5	UNF7/8	15.1	1"	39.7	19.2	9.6	8	77.0	25
PMM 1/2	GPMM 1/2	1/2	19.6	UNF7/8	15.3	1"	46.2	22.6	15.6	10.5	73.7	25

GPOC-INCH (Round Male Straight)

OLD PN	NEW PN	ØD	R	ØP	A	B	C	H	X	Y	Orifice (mm)	W.G(g)	Q'ty/In-Box
POC 5/32-U10U	GPOC 5/32-U10U	5/32	UNF10×32	8.2	4	20	14.6	3/32	8.6	10.8	2.4	3.8	100
POC 5/32-N01U	GPOC 5/32-N01U	5/32	NPT1/8	10	8	20	14.6	3/32	8.6	10.8	2.4	7.6	100
POC 5/32-N02U	GPOC 5/32-N02U	5/32	NPT1/4	13.5	11	20	14.6	3/32	8.6	10.8	2.4	15.6	100
POC 5/32-N03U	GPOC 5/32-N03U	5/32	NPT3/8	17	12	21	14.6	3/32	8.6	10.8	2.4	27.0	50
POC 1/4-U10U	GPOC 1/4-U10U	1/4	UNF10×32	11.5	4	22	15.5	3/32	11.4	13.4	2.4	7.0	100
POC 1/4-N01U	GPOC 1/4-N01U	1/4	NPT1/8	11.5	8	22	15.5	5/32	11.5	14.4	4	8.5	100
POC 1/4-N02U	GPOC 1/4-N02U	1/4	NPT1/4	13.8	11	23	15.5	5/32	11.6	15.4	4	16.4	100
POC 5/16-N01U	GPOC 5/16-N01U	5/16	NPT1/8	13	8	28	17.8	3/16	13	15	4.8	12.3	100
POC 5/16-N02U	GPOC 5/16-N02U	5/16	NPT1/4	13.5	11	26	17.8	7/32	13	15	5.6	14.5	100
POC 5/16-N03U	GPOC 5/16-N03U	5/16	NPT3/8	17	12	24	17.8	7/32	13	15	5.6	24.0	50
POC 3/8-N01U	GPOC 3/8-N01U	3/8	NPT1/8	15.5	8	29	19.2	3/16	16	18.5	4.8	17.3	50
POC 3/8-N02U	GPOC 3/8-N02U	3/8	NPT1/4	15.5	11	32	19.2	7/32	16	18.5	5.6	22.5	50
POC 3/8-N03U	GPOC 3/8-N03U	3/8	NPT3/8	17	12	28	19.2	5/16	16	18.5	7.9	24.2	50
POC 3/8-N04U	GPOC 3/8-N04U	3/8	NPT1/2	21	15	27	19.2	5/16	16	18.5	7.9	43.3	50
POC 1/2-N02U	GPOC 1/2-N02U	1/2	NPT1/4	19.6	11	35	22.4	7/32	20.3	23.3	5.6	28.1	50
POC 1/2-N03U	GPOC 1/2-N03U	1/2	NPT3/8	19.6	12	32	22.4	5/16	20.3	23.3	7.9	28.9	50
POC 1/2-N04U	GPOC 1/2-N04U	1/2	NPT1/2	21	15	34	22.4	5/16	20.3	23.3	7.9	45.4	25
POC 1/4-R01	GPOC 1/4-R01	1/4	R1/8	11.5	8	22	15.5	4	11.4	13.4	4	8.0	100
POC 1/4-R02	GPOC 1/4-R02	1/4	R1/4	13.5	11	23	15.5	4	11.4	13.4	4	14.9	100
POC 5/16-R01	GPOC 5/16-R01	5/16	R1/8	13	8	28	17.8	5	13	15	5	13.1	100
POC 5/16-R02	GPOC 5/16-R02	5/16	R1/4	13.5	11	26	17.8	6	13	15	6	15.5	100
POC 5/16-R03	GPOC 5/16-R03	5/16	R3/8	17	12	24	17.8	6	13	15	6	25.9	50
POC 3/8-R02	GPOC 3/8-R02	3/8	R1/4	15.5	11	32	19.2	6	16	18.5	6	21.6	50
POC 3/8-R03	GPOC 3/8-R03	3/8	R3/8	17	12	28	19.2	8	16	18.5	8	23.8	50
POC 3/8-R04	GPOC 3/8-R04	3/8	R1/2	21	15	27	19.2	8	16	18.5	8	42.8	50

GPOL-INCH (Hex Holed Banjo)

OLD PN	NEW PN	ØD	R	ØP	A	B	C	E	F	G	H	I	ØJ	ØK	X	Y	Orifice (mm)	W.G(g)	Q'ty/In-Box
POL 3/8-N02U	GPOL 3/8-N02U	3/8	NPT 1/4	16.3	11	38	19.2	28.7	9.7	7	5/16	18	19	18	16	18.5	8	41.4	25
POL 3/8-N02U	GPOL 3/8-N02U	3/8	NPT 1/4	16.3	11	38	19.2	28.7	9.7	7	5/16	18	19	18	16	18.5	8	41.4	25

GPPF-INCH (Cap)

OLD PN	NEW PN	ØD	ØP	B	C	X	Y	W.G(g)	Q'ty/In-Box
PPF 5/32	GPPF 5/32	5/32	9	15.7	14.6	8.6	10.8	1.4	100
PPF 1/4	GPPF 1/4	1/4	11.7	17	15.5	11.4	13.4	2.3	100
PPF 5/16	GPPF 5/16	5/16	13.6	19.8	17.8	13	15	3.6	100
PPF 3/8	GPPF 3/8	3/8	16.3	20.8	19.2	16	18.5	4.9	50
PPF 1/2	GPPF 1/2	1/2	20.5	25.4	22.4	20.3	23.3	9.4	50

GPPM-INCH (Bulkhead Union Plastic)

OLD PN	NEW PN	ØD1	ØD2	ØP1	ØP2	M	G	H	B	C1	C2	E	Orifice (mm)	W.G(g)	Q'ty/In-Box
PPM 5/32	GPPM 5/32	5/32	5/32	9	9	2×1.5	5	14	30.2	14.6	14.6	7.1	3.2	6.4	100
PPM 1/4	GPPM 1/4	1/4	1/4	11.7	11.7	4×1.5	5	17	31.9	15.5	15.5	8.9	5	9.6	50
PPM 3/8	GPPM 3/8	3/8	3/8	16.3	16.3	10×2.5	6	24	39.6	19.2	19.2	10.2	8	21.9	25

GPST-INCH (Male Run Tee)

OLD PN	NEW PN	ØD	R	ØP	A	B	C	E	F	H	X	Y	Orifice (mm)	W.G(g)	Q'ty/In-Box
PST 5/32-U10U	GPST 5/32-U10U	5/32	UNF10×32	9	4	18	14.6	17.2	4.4	3/8	8.6	10.8	2	6.0	100
PST 5/32-N01U	GPST 5/32-N01U	5/32	NPT 1/8	9	8	18	14.6	17.2	5	7/16	8.6	10.8	3.2	10.0	100
PST 5/32-N02U	GPST 5/32-N02U	5/32	NPT 1/4	9	11	24	14.6	17.2	5	9/16	8.6	10.8	3.2	18.2	50
PST 1/4-U10U	GPST 1/4-U10U	1/4	UNF10×32	11.7	4	21	15.5	19.1	5.4	3/8	11.4	13.4	2.5	8.3	50
PST 1/4-N01U	GPST 1/4-N01U	1/4	NPT 1/8	11.7	8	23	15.5	19.1	5	7/16	11.4	13.4	4	12.0	50
PST 1/4-N02U	GPST 1/4-N02U	1/4	NPT 1/4	11.7	11	26	15.5	19.1	5	9/16	11.4	13.4	4	20.3	50
PST 1/4-N03U	GPST 1/4-N03U	1/4	NPT 3/8	11.7	12	27	15.5	19.1	5	11/16	11.4	13.4	4	29.4	50

PST 5/16-N01U	GPST 5/16-N01U	5/16	NPT 1/8	13.6	8	20	17.8	23.6	5	7/16	13	15	5.5	13.6	50
PST 5/16-N02U	GPST 5/16-N02U	5/16	NPT 1/4	13.6	11	23	17.8	23.6	4.5	9/16	13	15	5.5	21.2	50
PST 5/16-N03U	GPST 5/16-N03U	5/16	NPT 3/8	13.6	12	24	17.8	23.6	4.5	11/16	13	15	5.5	30.0	25
PST 5/16-N04U	GPST 5/16-N04U	5/16	NPT 1/2	13.6	15	33	17.8	23.6	5.5	7/8	13	15	5.5	52.9	25
PST 3/8-N01U	GPST 3/8-N01U	3/8	NPT 1/8	16.3	8	30	19.2	24.8	6.5	11/16	16	18.5	6	24.6	25
PST 3/8-N02U	GPST 3/8-N02U	3/8	NPT 1/4	16.3	11	33	19.2	24.8	6.5	11/16	16	18.5	8	29.4	25
PST 3/8-N03U	GPST 3/8-N03U	3/8	NPT 3/8	16.3	12	32	19.2	24.8	5	11/16	16	18.5	8	31.6	25
PST 3/8-N04U	GPST 3/8-N04U	3/8	NPT 1/2	16.3	15	35	19.2	24.8	5	7/8	16	18.5	8	52.2	25
PST 1/2-N02U	GPST 1/2-N02U	1/2	NPT 1/4	20.5	11	34	22.4	32.2	6.5	11/16	20.3	23.3	8	38.8	20
PST 1/2-N03U	GPST 1/2-N03U	1/2	NPT 3/8	20.5	12	34	22.4	32.2	5	11/16	20.3	23.3	9.5	41.0	20
PST 1/2-N04U	GPST 1/2-N04U	1/2	NPT 1/2	20.5	15	37	22.4	32.2	5	7/8	20.3	23.3	9.5	61.6	20
PST 5/32-R01	GPST 5/32-R01	5/32	R1/8	9	8	18	14.6	17.2	5	10	8.6	10.8	3.2	9.5	100
PST 5/32-R02	GPST 5/32-R02	5/32	R1/4	9	11	21	14.6	17.2	5	14	8.6	10.8	3.2	18.6	50
PST 5/32-R03	GPST 5/32-R03	5/32	R3/8	9	12	22	14.6	17.2	5	17	8.6	10.8	3.2	28.0	50
PST 1/4-R01	GPST 1/4-R01	1/4	R1/8	11.7	8	23	15.5	19.1	5	11	11.4	13.4	4	11.4	50
PST 1/4-R02	GPST 1/4-R02	1/4	R1/4	11.7	11	26	15.5	19.1	5	14	11.4	13.4	4	19.3	50
PST 1/4-R03	GPST 1/4-R03	1/4	R3/8	11.7	12	27	15.5	19.1	5	17	11.4	13.4	4	27.9	50
PST 5/16-R01	GPST 5/16-R01	5/16	R1/8	13.6	8	20	17.8	23.6	5	10	13	15	5.5	14.7	50
PST 5/16-R02	GPST 5/16-R02	5/16	R1/4	13.6	11	23	17.8	23.6	4.5	14	13	15	5.5	23.4	50
PST 5/16-R03	GPST 5/16-R03	5/16	R3/8	13.6	12	24	17.8	23.6	4.5	17	13	15	5.5	32.7	25
PST 5/16-R04	GPST 5/16-R04	5/16	R1/2	13.6	15	28	17.8	23.6	5.5	21	13	15	5.5	55.0	25
PST 3/8-R01	GPST 3/8-R01	3/8	R1/8	16.3	8	30	19.2	24.8	6.5	17	16	18.5	6	23.5	25
PST 3/8-R02	GPST 3/8-R02	3/8	R1/4	16.3	11	33	19.2	24.8	6.5	17	16	18.5	8	27.9	25
PST 3/8-R03	GPST 3/8-R03	3/8	R3/8	16.3	12	32	19.2	24.8	5	17	16	18.5	8	30.2	25
PST 3/8-R04	GPST 3/8-R04	3/8	R1/2	16.3	15	35	19.2	24.8	5	21	16	18.5	8	48.6	25
PST 1/2-R02	GPST 1/2-R02	1/2	R1/4	20.5	11	34	22.4	32.2	6.5	17	20.3	23.3	8	37.4	20
PST 1/2-R03	GPST 1/2-R03	1/2	R3/8	20.5	12	34	22.4	32.2	5	17	20.3	23.3	9.5	39.6	20
PST 1/2-R04	GPST 1/2-R04	1/2	R1/2	20.5	15	37	22.4	32.2	5	21	20.3	23.3	9.5	58.0	20

GPT-INCH (Male Branch Tee)

OLD PN	NEW PN	ØD	R	ØP	A	B	C	E	F	G	H	X	Y	Orifice (mm)	W.G(g)	Q'ty/In-Box
PT 5/32-U10U	GPT 5/32-U10U	5/32	JNF10*3	9	4	17	14.6	17.2	4.4	34.4	3/8	8.6	10.8	2	5.9	100
PT 5/32-N01U	GPT 5/32-N01U	5/32	NPT1/8	9	8	20	14.6	17.2	5	34.4	7/16	8.6	10.8	3.2	9.9	100
PT 5/32-N02U	GPT 5/32-N02U	5/32	NPT1/4	9	11	23	14.6	17.2	5	34.4	9/16	8.6	10.8	3.2	18.1	50
PT 5/32-N03U	GPT 5/32-N03U	5/32	NPT3/8	9	12	24	14.6	17.2	5	34.4	11/16	8.6	10.8	3.2	28.4	50
PT 1/4-U10U	GPT 1/4-U10U	1/4	JNF10*3	11.7	4	21	15.5	18	5.4	35.9	3/8	11.4	13.4	2.5	8.2	50
PT 1/4-N01U	GPT 1/4-N01U	1/4	NPT1/8	11.7	8	23	15.5	18	5	35.9	7/16	11.4	13.4	4	11.9	50
PT 1/4-N02U	GPT 1/4-N02U	1/4	NPT1/4	11.7	11	26	15.5	18	5	35.9	9/16	11.4	13.4	4	20.2	50
PT 1/4-N03U	GPT 1/4-N03U	1/4	NPT3/8	11.7	12	27	15.5	18	5	35.9	11/16	11.4	13.4	4	29.4	50
PT 1/4-N04U	GPT 1/4-N04U	1/4	NPT1/2	11.7	15	31	15.5	18	6	35.9	7/8	11.4	13.4	4	51.7	25
PT 5/16-N01U	GPT 5/16-N01U	5/16	NPT1/8	13.6	8	24	17.8	23.6	5	47.2	7/16	13	15	5.5	13.7	50
PT 5/16-N02U	GPT 5/16-N02U	5/16	NPT1/4	13.6	11	26	17.8	23.6	4.5	47.2	9/16	13	15	5.5	21.3	50
PT 5/16-N03U	GPT 5/16-N03U	5/16	NPT3/8	13.6	12	27	17.8	23.6	4.5	47.2	11/16	13	15	5.5	30.1	50
PT 5/16-N04U	GPT 5/16-N04U	5/16	NPT1/2	13.6	15	31	17.8	23.6	5.5	47.2	7/8	13	15	5.5	53.0	25
PT 3/8-N01U	GPT 3/8-N01U	3/8	NPT1/8	16.3	8	30	19.2	24.8	6.5	49.6	11/16	16	18.5	6	24.7	25
PT 3/8-N02U	GPT 3/8-N02U	3/8	NPT1/4	16.3	11	33	19.2	24.8	6.5	49.6	11/16	16	18.5	8	29.4	25
PT 3/8-N03U	GPT 3/8-N03U	3/8	NPT3/8	16.3	12	32	19.2	24.8	5	49.6	11/16	16	18.5	8	31.6	25
PT 3/8-N04U	GPT 3/8-N04U	3/8	NPT1/2	16.3	15	35	19.2	24.8	5	49.6	7/8	16	18.5	8	52.2	25
PT 1/2-N01U	GPT 1/2-N01U	1/2	NPT1/8	20.5	8	31	22.4	32.2	6.5	64.4	11/16	20.3	23.3	6	34.0	20
PT 1/2-N02U	GPT 1/2-N02U	1/2	NPT1/4	20.5	11	34	22.4	32.2	6.5	64.4	11/16	20.3	23.3	8	38.8	20
PT 1/2-N03U	GPT 1/2-N03U	1/2	NPT3/8	20.5	12	34	22.4	32.2	5	64.4	11/16	20.3	23.3	9.5	41.0	20
PT 1/2-N04U	GPT 1/2-N04U	1/2	NPT1/2	20.5	15	37	22.4	32.2	5	64.4	7/8	20.3	23.3	9.5	61.6	20
PT 5/32-R01	GPT 5/32-R01	5/32	R1/8	9	8	20	14.6	17.2	5	34.4	10	8.6	10.8	3.2	9.5	100
PT 5/32-R02	GPT 5/32-R02	5/32	R1/4	9	11	23	14.6	17.2	5	34.4	14	8.6	10.8	3.2	18.7	50
PT 5/32-R03	GPT 5/32-R03	5/32	R3/8	9	12	24	14.6	17.2	5	34.4	17	8.6	10.8	3.2	28.0	50
PT 1/4-R01	GPT 1/4-R01	1/4	R1/8	11.7	8	23	15.5	18	5	35.9	11	11.4	13.4	4	11.3	50
PT 1/4-R02	GPT 1/4-R02	1/4	R1/4	11.7	11	26	15.5	18	5	35.9	14	11.4	13.4	4	19.2	50
PT 1/4-R03	GPT 1/4-R03	1/4	R3/8	11.7	12	27	15.5	18	5	35.9	17	11.4	13.4	4	27.9	50
PT 1/4-R04	GPT 1/4-R04	1/4	R1/2	11.7	15	31	15.5	18	6	35.9	21	11.4	13.4	4	47.6	25
PT 5/16-R01	GPT 5/16-R01	5/16	R1/8	13.6	8	24	17.8	23.6	5	47.2	10	13	15	5.5	14.9	50
PT 5/16-R02	GPT 5/16-R02	5/16	R1/4	13.6	11	26	17.8	23.6	4.5	47.2	14	13	15	5.5	23.6	50
PT 5/16-R03	GPT 5/16-R03	5/16	R3/8	13.6	12	27	17.8	23.6	4.5	47.2	17	13	15	5.5	32.9	50
PT 5/16-R04	GPT 5/16-R04	5/16	R1/2	13.6	15	31	17.8	23.6	5.5	47.2	21	13	15	5.5	55.2	25
PT 3/8-R01	GPT 3/8-R01	3/8	R1/8	16.3	8	30	19.2	24.8	6.5	49.6	17	16	18.5	6	23.5	25
PT 3/8-R02	GPT 3/8-R02	3/8	R1/4	16.3	11	33	19.2	24.8	6.5	49.6	17	16	18.5	8	27.9	25
PT 3/8-R03	GPT 3/8-R03	3/8	R3/8	16.3	12	32	19.2	24.8	5	49.6	17	16	18.5	8	30.2	25
PT 3/8-R04	GPT 3/8-R04	3/8	R1/2	16.3	15	35	19.2	24.8	5	49.6	21	16	18.5	8	48.6	25
PT 1/2-R01	GPT 1/2-R01	1/2	R1/8	20.5	8	31	22.4	32.2	6.5	64.4	17	20.3	23.3	6	32.9	20
PT 1/2-R02	GPT 1/2-R02	1/2	R1/4	20.5	11	34	22.4	32.2	6.5	64.4	17	20.3	23.3	8	37.4	20
PT 1/2-R03	GPT 1/2-R03	1/2	R3/8	20.5	12	34	22.4	32.2	5	64.4	17	20.3	23.3	9.5	39.6	20
PT 1/2-R04	GPT 1/2-R04	1/2	R1/2	20.5	15	37	22.4	32.2	5	64.4	21	20.3	23.3	9.5	58.0	20

GPTF-INCH (Female Branch Tee)

OLD PN	NEW PN	ØD	R	ØP	A	B	C	E	F	G	H	X	Y	Orifice (mm)	W.G(g)	Q'ty/In-Box
PTF 1/4-N01U	GPTF 1/4-N01U	1/4	NPT 1/8	11.7	9	25	15.5	18	14.8	35.9	9/16	11.4	13.4	4	21.2	50
PTF 1/4-N02U	GPTF 1/4-N02U	1/4	NPT 1/4	11.7	12	28	15.5	18	17.8	35.9	11/16	11.4	13.4	4	33.1	50
PTF 5/16-N01U	GPTF 5/16-N01U	5/16	NPT 1/8	13.6	9	25	17.8	23.6	14.4	47.2	9/16	13	15	5.5	22.6	50
PTF 3/8-N04U	GPTF 3/8-N04U	3/8	NPT 1/2	16.3	16	37	19.2	24.8	21.9	49.6	1"	16	18.5	8	73.4	15

GPUC-INCH (Union Straight)

OLD PN	NEW PN	ØD	ØP	B	C	X	Y	Orifice (mm)	W.G(g)	Q'ty/In-Box
PUC 5/32	GPUC 5/32	5/32	9	30.4	14.6	8.6	10.8	3.2	3.1	100
PUC 1/4	GPUC 1/4	1/4	11.7	31.9	15.5	11.4	13.4	5	4.5	50
PUC 5/16	GPUC 5/16	5/16	13.6	40.2	17.8	13	15	7	8.8	50
PUC 3/8	GPUC 3/8	3/8	16.3	39.6	19.2	16	18.5	8	9.4	50
PUC 1/2	GPUC 1/2	1/2	20.5	54.8	22.4	20.3	23.3	10	18.7	25

GPUG-INCH (Reducer Tee)

OLD PN	NEW PN	ØD1	ØD2	ØP1	ØP2	B	C1	C2	E	F1	F2	G	Ød	X1	Y1	X2	Y2	Orifice (mm)	W.G(g)	Q'ty/In-Box
PU 1/2-1/4	GPUG 1/2-1/4	1/2	1/4	20.5	20.5	64	22.4	15.5	32.2	14	14	30.3	4.2	20.3	23.3	11.4	13.4	5	48.9	20
PU 3/8-1/4	GPUG 3/8-1/4	3/8	1/4	16.3	16.3	50	19.2	15.5	24.8	12	12	24.1	4.2	16	18.5	11.4	13.4	5	23.6	25
PU 3/8-5/16	GPUG 3/8-5/16	3/8	5/16	16.3	16.3	50	19.2	17.8	24.8	12	12	24.6	4.2	16	18.5	13	15	7	31.5	25
PU 1/2-3/8	GPUG 1/2-3/8	1/2	3/8	20.5	20.5	64	22.4	19.2	32.2	14	14	30.3	4.2	20.3	23.3	16	18.5	8	39.3	20

GPUL-INCH (Union Elbow)

OLD PN	NEW PN	ØD	ØP	C	E	F	Ød	X	Y	Orifice (mm)	W.G(g)	Q'ty/In-Box
PUL 1/4	GPUL 1/4	1/4	11.7	15.5	19	6.7	3.2	11.4	13.4	5	4.9	50

PUL 3/8	GPUL 3/8	3/8	16.3	19.2	24.8	10	4.2	16	18.5	8	10.7	25
PUL 1/2	GPUL 1/2	1/2	20.5	22.4	32.2	12	4.2	20.3	23.3	10	20.1	25

GPUT-INCH (Union Tee)

OLD PN	NEW PN	ØD	ØP	B	C	E	F	Ød	X	Y	Orifice (mm)	W.G(g)	Q'ty/In-Box
PUT 5/32	GPUT 5/32	5/32	9	34.4	14.6	17.2	12	3.2	8.6	10.8	3.2	5.0	100
PUT 1/4	GPUT 1/4	1/4	11.7	37.9	15.5	19	13	3.2	11.4	13.4	5	7.3	50
PUT 5/16	GPUT 5/16	5/16	13.6	47.2	17.8	23.6	18	3.2	13	15	7	14.1	50
PUT 3/8	GPUT 3/8	3/8	16.3	49.6	19.2	24.8	24	4.2	16	18.5	8	15.8	25
PUT 1/2	GPUT 1/2	1/2	20.5	64.4	22.4	32.2	28	4.2	20.3	23.3	10	29.9	20

GPW-INCH (Reducer Y)

OLD PN	NEW PN	ØD1	ØD2	ØP1	ØP2	B	C1	C2	Ød	F	J	X1	Y1	X2	Y2	Orifice (mm)	W.G(g)	Q'ty/In-Box
PW 1/4-5/32	GPW 1/4-5/32	1/4	5/32	11.7	11.7	34	15.5	14.6	3.2	13.7	11.9	11.4	13.74	8.6	10.8	2.6	12.6	50
PW 1/2-1/4	GPW 1/2-1/4	1/2	1/4	20.5	20.5	55	22.4	15.5	4.2	22	20.8	20.3	23.3	11.4	13.4	5	67.6	20
PW 3/8-5/16	GPW 3/8-5/16	3/8	5/16	16.3	16.3	45	19.2	17.8	4.2	17.6	17	16	18.5	13	15	6.4	46.6	25
PW 1/2-3/8	GPW 1/2-3/8	1/2	3/8	20.5	20.5	55	22.4	19.2	4.2	22	20.8	20.3	23.3	16	18.5	7	48.5	20

GPWT-INCH (Male Y)

OLD PN	NEW PN	ØD	R	ØP	A	B	C	Ød	J	F	H	X	Y	Orifice (mm)	W.G(g)	Q'ty/In-Box
PWT 5/32-U10U	GPWT 5/32-U10U	5/32	UNF10*3	9	4	38	14.6	3.2	9.3	13.3	3/8	8.6	10.8	2	8.4	50
PWT 5/32-N01U	GPWT 5/32-N01U	5/32	NPT 1/8	9	8	41	14.6	3.2	9.3	13.3	1/2	8.6	10.8	2.1	13.3	50
PWT 5/32-N02U	GPWT 5/32-N02U	5/32	NPT 1/4	9	11	44	14.6	3.2	9.3	13.3	9/16	8.6	10.8	2.1	19.7	50
PWT 1/4-U10U	GPWT 1/4-U10U	1/4	UNF10*3	11.7	4	41	15.5	3.2	11.9	14.1	1/2	11.4	13.4	2	13.9	50
PWT 1/4-N01U	GPWT 1/4-N01U	1/4	NPT 1/8	11.7	8	44	15.5	3.2	11.9	14.1	1/2	11.4	13.4	3.6	16.7	50
PWT 1/4-N02U	GPWT 1/4-N02U	1/4	NPT 1/4	11.7	11	47	15.5	3.2	11.9	14.1	9/16	11.4	13.4	3.6	23.1	50
PWT 1/4-N03U	GPWT 1/4-N03U	1/4	NPT 3/8	11.7	12	48	15.5	3.2	11.9	14.1	11/16	11.4	13.4	3.6	31.0	25
PWT 5/16-N01U	GPWT 5/16-N01U	5/16	NPT 1/8	13.6	8	53	17.8	3.2	14.2	18.6	9/16	13	15	5.4	22.7	50
PWT 5/16-N02U	GPWT 5/16-N02U	5/16	NPT 1/4	13.6	11	55	17.8	3.2	14.2	18.6	9/16	13	15	5.4	26.1	50
PWT 5/16-N03U	GPWT 5/16-N03U	5/16	NPT 3/8	13.6	12	56	17.8	3.2	14.2	18.6	11/16	13	15	5.4	34.1	25
PWT 5/16-N04U	GPWT 5/16-N04U	5/16	NPT 1/2	13.6	15	60	17.8	3.2	14.2	18.6	7/8	13	15	5.4	55.5	25
PWT 3/8-N01U	GPWT 3/8-N01U	3/8	NPT 1/8	16.3	8	53	19.2	4.2	17	17.8	11/16	16	18.5	6	28.7	25
PWT 3/8-N02U	GPWT 3/8-N02U	3/8	NPT 1/4	16.3	11	56	19.2	4.2	17	17.8	11/16	16	18.5	6.4	33.1	25
PWT 3/8-N03U	GPWT 3/8-N03U	3/8	NPT 3/8	16.3	12	58	19.2	4.2	17	17.8	11/16	16	18.5	6.4	38.2	25
PWT 3/8-N04U	GPWT 3/8-N04U	3/8	NPT 1/2	16.3	15	61	19.2	4.2	17	17.8	7/8	16	18.5	6.4	57.7	25
PWT 1/2-N02U	GPWT 1/2-N02U	1/2	NPT 1/4	20.5	11	66	22.4	4.2	20.8	23.9	7/8	20.3	23.3	7.3	55.7	20
PWT 1/2-N03U	GPWT 1/2-N03U	1/2	NPT 3/8	20.5	12	68	22.4	4.2	20.8	23.9	7/8	20.3	23.3	7.3	62.0	20
PWT 1/2-N04U	GPWT 1/2-N04U	1/2	NPT 1/2	20.5	15	71	22.4	4.2	20.8	23.9	7/8	20.3	23.3	7.3	73.9	20
PWT 5/32-R01	GPWT 5/32-R01	5/32	R1/8	9	8	41	14.6	3.2	9.3	13.3	10	8.6	10.8	2.1	11.6	50
PWT 5/32-R02	GPWT 5/32-R02	5/32	R1/4	9	11	44	14.6	3.2	9.3	13.3	14	8.6	10.8	2.1	20.5	50
PWT 1/4-R01	GPWT 1/4-R01	1/4	R1/8	11.7	8	44	15.5	3.2	11.9	14.1	11	11.4	13.4	3.6	14.8	50
PWT 1/4-R02	GPWT 1/4-R02	1/4	R1/4	11.7	11	47	15.5	3.2	11.9	14.1	14	11.4	13.4	3.6	22.0	50
PWT 1/4-R03	GPWT 1/4-R03	1/4	R3/8	11.7	12	48	15.5	3.2	11.9	14.1	17	11.4	13.4	3.6	29.5	25
PWT 5/16-R01	GPWT 5/16-R01	5/16	R1/8	13.6	8	53	17.8	3.2	14.2	18.6	13	13	15	5.4	23.3	50
PWT 5/16-R02	GPWT 5/16-R02	5/16	R1/4	13.6	11	55	17.8	3.2	14.2	18.6	14	13	15	5.4	27.9	50
PWT 5/16-R03	GPWT 5/16-R03	5/16	R3/8	13.6	12	56	17.8	3.2	14.2	18.6	17	13	15	5.4	36.2	25
PWT 5/16-R04	GPWT 5/16-R04	5/16	R1/2	13.6	15	60	17.8	3.2	14.2	18.6	21	13	15	5.4	57.2	25
PWT 3/8-R01	GPWT 3/8-R01	3/8	R1/8	16.3	8	53	19.2	4.2	17	17.8	17	16	18.5	6	27.9	25
PWT 3/8-R02	GPWT 3/8-R02	3/8	R1/4	16.3	11	56	19.2	4.2	17	17.8	17	16	18.5	6.4	31.8	25
PWT 3/8-R03	GPWT 3/8-R03	3/8	R3/8	16.3	12	58	19.2	4.2	17	17.8	17	16	18.5	6.4	36.7	25
PWT 3/8-R04	GPWT 3/8-R04	3/8	R1/2	16.3	15	61	19.2	4.2	17	17.8	21	16	18.5	6.4	54.1	25
PWT 1/2-R02	GPWT 1/2-R02	1/2	R1/4	20.5	11	66	22.4	4.2	20.8	23.9	21	20.3	23.3	7.3	54.2	20
PWT 1/2-R03	GPWT 1/2-R03	1/2	R3/8	20.5	12	68	22.4	4.2	20.8	23.9	21	20.3	23.3	7.3	59.2	20
PWT 1/2-R04	GPWT 1/2-R04	1/2	R1/2	20.5	15	71	22.4	4.2	20.8	23.9	21	20.3	23.3	7.3	70.3	20

GPXG-INCH (Reducer Double Y)

OLD PN	NEW PN	ØD1	ØD2	ØP1	ØP2	B	C1	C2	E	F	G	Ød	X1	Y1	X2	Y2	Orifice (mm)	W.G(g)	Q'ty/In-Box
PXG 1/4-5/32	GPXG 1/4-5/32	1/4	5/32	11.7	9	33	15.5	14.6	18.2	13.2	9.2	3.2	11.4	13.4	8.6	8.6	2.3	8.1	25

GPY-INCH (Union Y)

OLD PN	NEW PN	ØD	ØP	B	C	F	J	Ød	X	Y	Orifice (mm)	W.G(g)	Q'ty/In-Box
PY 5/32	GPY 5/32	5/32	9	31.4	14.6	13.3	9.3	3.2	8.6	10.8	2.1	4.9	100
PY 1/4	GPY 1/4	1/4	11.7	34.6	15.5	14.1	11.9	3.2	11.4	13.4	2.3	7.3	50
PY 5/16	GPY 5/16	5/16	13.6	44.2	17.8	18.6	14.2	3.2	13	15	5.4	13.9	50
PY 3/8	GPY 3/8	3/8	16.3	45.6	19.2	17.8	17	4.2	16	18.5	6.4	15.8	25
PY 1/2	GPY 1/2	1/2	20.5	56.8	22.4	23.9	20.8	4.2	20.3	23.3	7.3	29.8	20

GPYJ-INCH (Plug-in Y)

OLD PN	NEW PN	ØD1	ØD2	ØP	B	C1	C2	F	J	X	Y	Orifice (mm)	W.G(g)	Q'ty/In-Box
PYJ 5/32	GPYJ 5/32	5/32	5/32	9	37.9	15	14.6	16.1	9.3	8.6	10.8	2	3.5	100
PYJ 1/4	GPYJ 1/4	1/4	1/4	11.7	45	16	15.5	17.2	11.9	11.4	13.4	3.5	5.8	50
PYJ 3/8	GPYJ 3/8	3/8	3/8	16.3	55.8	19	19.2	22.4	17	16	18.5	5.6	12.8	25

GPZA-INCH (Union Cross)

OLD PN	NEW PN	ØD	ØP	C	E	F	Ød	X	Y	Orifice (mm)	W.G(g)	Q'ty/In-Box
PZA 5/32	GPZA 5/32	5/32	9	14.6	17.2	6	3.2	8.6	10.8	3.2	5.9	50
PZA 1/4	GPZA 1/4	1/4	11.7	15.5	19.1	6.7	3.2	11.4	13.4	5	9.6	50
PZA 3/8	GPZA 3/8	3/8	16.3	19.2	24.8	10	4.2	16	18.5	8	20.2	25
PZA 1/2	GPZA 1/2	1/2	20.5	22.4	32.2	12	4.2	20.3	23.3	10	38.7	15