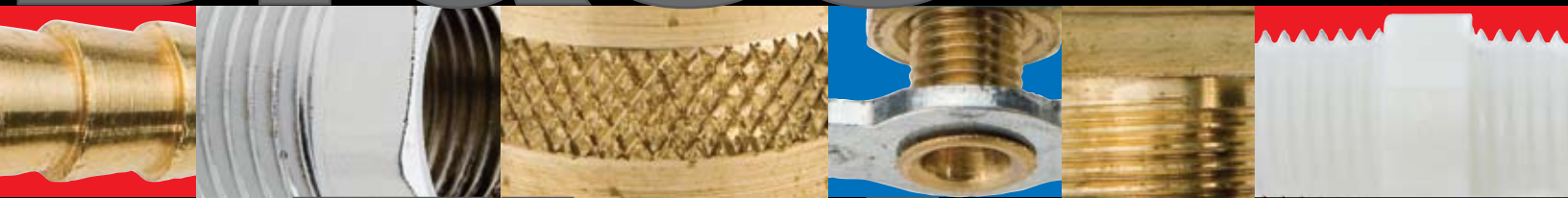


Brass



Fittings

**Brass Fittings & Accessories
2008 Catalog**

watts .com

WATTS®



Table Of Contents

	PAGE
How to Use this Catalog	2 - 3
Product Category	PAGE
Compression Fittings	4-18
45° Flare Fittings	19-26
POL Fittings	27
Gas Range Fittings	28
Inverted Flare Fittings	29
Fine Thread Flare Fittings	30-31
Cooler Fittings	32
Barstock and Forged Fittings	33-41
Cast Red Brass Fittings	42-43
Pipe Nipples	44-47
Hose Barbs	48-55
Garden Hose Fittings	56-62
Hose Clamps and Crimping Supplies	63-64
Needle Valves	65-68
Shut Off Cocks	69-71
Dielectric Unions	72
Water Meter Adaptor	73
Index by Model	73-74
Index by Industry No.	75-76

Thank you for choosing the Watts brand of quality brass fittings and accessories. This catalog is designed to assist you in quickly identifying and choosing the correct fitting for your application. Included in each section is a brief description of the product category, pertinent technical information including temperature and pressure specifications and general applications.

Catalog Key:

A Product Category – Header indicates the general type of fitting or accessory included in this section.

B Fitting Type – Indicates the individual type of fitting included in the category.

C Packaging – Header indicates method of packaging. All poly bagged fittings are offered in a compact peg-board ready plastic bag in specific quantities. Poly bagged fittings and accessories must be ordered in multiples of inner-carton quantities only.

Bulk Quantities are available for many fittings. These fittings will be packaged in increments of 100 pieces in either a poly-bag or cardboard container depending on weight.

D Product Photograph – Actual photograph of the product.

E Industry Part Number – Generic industry part number that indicates type of fitting and size.

F Watts Model Number – Watts specific part number.

G EDP Code – Electronic data processing code (Watts specific). All purchase orders must include the EDP code when submitted.

H Bag quantity – Quantity of individual fittings per poly-bag. All bulk packages include 100 individual pieces.

I Inner Carton Quantity – Indicates quantity of poly-bags per inner carton.

J Master Carton Data – Indicates quantity of poly-bags per master container and shipping weight of master container.

K Description/Size – Indicates fitting size and connection configuration.

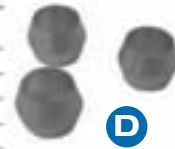


A Compression Fittings

B No. 60 Brass Compression Sleeve less Insert

C PolyBag

Industry No.	Description/Size	Watts Model	ESP	UPC	Bag Qty (if of pieces)	Inner Carton Qty (if of bags)	Master Carton Qty (if of bags)	Master Carton Weight
60-2	For 1/8" OD Tubing	A-1A	16040003	048643009509	H	I	J	1.48
60-3	For 1/8" OD Tubing	A-1B	16040009	048643009653	3	5	60	1.48
60-4	For 1/8" OD Tubing	A-2	17000002	048643070318	3	10	120	1.96
60-4	For 1/8" OD Tubing	A-2C	17010002	048643072954	25	5	60	3.40
60-5	For 1/8" OD Tubing	A-90	17000090	048643067073	3	5	20	0.63
60-6	For 1/8" OD Tubing	A-102	17000102	048643070639	3	10	120	2.38
60-6	For 1/8" OD Tubing	A-102C	17010102	048643072992	25	5	20	1.56
60-8	For 1/8" OD Tubing	A-202	17000202	048643071049	3	5	60	2.05
60-8	For 1/8" OD Tubing	A-202C	17010202	048643066939	25	5	60	8.52
60-10	For 1/8" OD Tubing	A-302	17000302	048643071339	3	5	60	2.32
60-10	For 1/8" OD Tubing	A-302C	17010302	048643066946	25	5	60	10.08
60-12	For 1/8" OD Tubing	A-402A	16040046	048643929319	3	5	60	3.56
60-14	For 1/8" OD Tubing	A-502	17000502	048643191761	3	5	60	4.10



C Bulk Packages

Industry No.	Description/Size	Watts Model	ESP	UPC	Bulk Qty (if of pieces)	Inner Carton Qty (if of bags)	Master Carton Qty (if of bags)	Master Carton Weight
60-2	For 1/8" OD Tubing	A-1ABK	17210001	096268392593	100	1	50	22.67
60-4	For 1/8" OD Tubing	A-2BK	17200002	096268391091	100	1	50	22.33
60-6	For 1/8" OD Tubing	A-102BK	17200102	096268391312	100	1	50	55.67
60-8	For 1/8" OD Tubing	A-202BK	17200202	096268391718	100	1	50	46.67
60-10	For 1/8" OD Tubing	A-302BK	17200302	096268392029	100	1	50	54.67
60-12	For 1/8" OD Tubing	A-402ABK	17210402	096268392883	100	1	50	84.67

No. 60-PT Delrin Compression Sleeve less Insert

PolyBag

Industry No.	Description/Size	Watts Model	ESP	UPC	Bag Qty (if of pieces)	Inner Carton Qty (if of bags)	Master Carton Qty (if of bags)	Master Carton Weight
60-PT-4	For 1/8" OD Tubing	A-1	17000001	048643070301	3	10	120	1.65
60-PT-6	For 1/8" OD Tubing	A-101	17000101	048643070622	3	10	120	1.69
60-PT-6	For 1/8" OD Tubing	A-101C	17010101	048643132863	25	5	60	2.09
60-PT-8	For 1/8" OD Tubing	A-202A	17020202	048643123526	1	5	20	0.52
60-PT-10	For 1/8" OD Tubing	A-302A	17020302	048643123533	1	5	20	0.53



Bulk Packages

Industry No.	Description/Size	Watts Model	ESP	UPC	Bulk Qty (if of pieces)	Inner Carton Qty (if of bags)	Master Carton Qty (if of bags)	Master Carton Weight
60-PT-4	For 1/8" OD Tubing	A-1BK	17200001	096268391084	100	1	50	15.67
60-PT-6	For 1/8" OD Tubing	A-101BK	17200101	096268391305	100	1	50	17.50
60-PT-8	For 1/8" OD Tubing	A-202BK	17210202	096268392760	100	1	50	84.00
60-PT-10	For 1/8" OD Tubing	A-302BK	17210302	096268392852	100	1	50	82.00

Information

Watts brass compression fittings are ideal for use with copper, brass, aluminum, or plastic tubing and are commonly used on gasoline, grease, oil, water, vacuum, and air lines. Watts compression fittings are not recommended for use with steel tube. Watts offers a wide variety of compression fittings including our Ander-Lign/Poly® universal compression fittings with brass inserts.

The Ander-Lign/Poly® universal compression fitting is the only brass compression fitting that can be used with almost any type of tubing. The Ander-Lign/Poly® universal compression fittings come completely assembled with the brass insert and captive sleeve. The bodies are interchangeable with standard compression fittings. The Ander-Lign® fitting puts 360° of even pressure on the tubing, ensuring a tight seal.

Installation instructions

Cut tubing square on the end. Start tubing on the insert and slide into the fitting until it hits the stop. Wrench tighten approximately 1½ to 2 turns beyond hand tight. Do not over tighten.

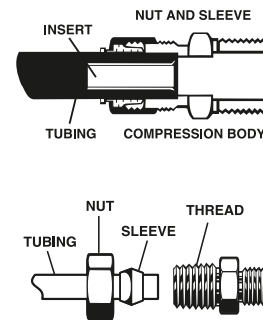
Specifications

Temperature: -65°F to 250°F

Working Pressure: Temperature and type of tubing must be considered for proper fitting selection.

The following is based on 70°F with copper tube.

Copper Tube OD	Tube Wall Inches	psi (Ander-Lign)	psi (Standard)
1/8"	0.030	2800	400
3/16"	0.030	1900	400
1/4"	0.030	1400	300
5/16"	0.032	1200	300
3/8"	0.032	900	200
1/2"	0.032	700	200
5/8"	0.035	640	150
3/4"	0.035	550	100
7/8"	0.035	450	75



Thread Sizes

Fitting	Thread Size
1/8"	5/16" X 24
3/16"	3/8" X 24
1/4"	7/16" X 24
5/16"	1/2" X 24
3/8"	9/16" X 24
7/16"	5/8" X 24
1/2"	1 1/16" X 20
5/8"	1 3/16" X 18
3/4"	1" X 18
7/8"	1 1/8" X 18

No. 60 Brass Compression Sleeve less Insert

PolyBag

Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty (# of pieces)	#Inner Carton Qty. (# of bags)	Master Carton Qty. (# of bags)	Master Carton Weight
60-2	For 1/8" OD Tubing	A-1A	16040003	048643009509	3	5	60	1.48
60-3	For 3/16" OD Tubing	A-1B	16040009	048643009653	3	5	60	1.48
60-4	For 1/4" OD Tubing	A-2	17000002	048643070318	3	10	120	1.96
60-4	For 1/4" OD Tubing	A-2C	17010002	048643072954	25	5	60	3.40
60-5	For 5/16" OD Tubing	A-90	17000090	048643067073	3	5	20	0.63
60-6	For 3/8" OD Tubing	A-102	17000102	048643070639	3	10	120	2.38
60-6	For 3/8" OD Tubing	A-102C	17010102	048643072992	25	5	20	1.56
60-8	For 1/2" OD Tubing	A-202	17000202	048643071049	3	5	60	2.05
60-8	For 1/2" OD Tubing	A-202C	17010202	048643066939	25	5	60	8.52
60-10	For 5/8" OD Tubing	A-302	17000302	048643071339	3	5	60	2.32
60-10	For 5/8" OD Tubing	A-302C	17010302	048643066946	25	5	60	10.08
60-12	For 3/4" OD Tubing	A-402A	16040046	048643929319	3	5	60	3.56
60-14	For 7/8" OD Tubing	A-502	17000502	048643191761	3	5	60	4.10



Bulk Packages

Industry No.	Description/Size	Watts Model	EDP	UPC	*Bulk Qty (# of pieces)	#Inner Carton Qty. (# of bags)	Master Carton Qty. (# of bags)	Master Carton Weight
60-2	For 1/8" OD Tubing	A-1ABK	17210001	098268392593	100	1	50	22.67
60-4	For 1/4" OD Tubing	A-2BK	17200002	098268391091	100	1	50	22.33
60-6	For 3/8" OD Tubing	A-102BK	17200102	098268391312	100	1	50	55.67
60-8	For 1/2" OD Tubing	A-202BK	17200202	098268391718	100	1	50	46.67
60-10	For 5/8" OD Tubing	A-302BK	17200302	098268392029	100	1	50	54.67
60-12	For 3/4" OD Tubing	A-402ABK	17210266	098268392784	100	1	50	84.67

No. 60-PT Delrin Compression Sleeve less Insert

PolyBag

Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty (# of pieces)	#Inner Carton Qty. (# of bags)	Master Carton Qty. (# of bags)	Master Carton Weight
60-PT-4	For 1/4" OD Tubing	A-1	17000001	048643070301	3	10	120	1.65
60-PT-6	For 3/8" OD Tubing	A-101	17000101	048643070622	3	10	120	1.69
60-PT-6	For 3/8" OD Tubing	A-101C	17010101	048643132863	25	5	60	2.09
60-PT-8	For 1/2" OD Tubing	A-202A	17020202	048643123526	3	5	20	0.52
60-PT-10	For 5/8" OD Tubing	A-302A	17020302	048643123533	3	5	20	0.53



Bulk Packages

Industry No.	Description/Size	Watts Model	EDP	UPC	*Bulk Qty (# of pieces)	#Inner Carton Qty. (# of bags)	Master Carton Qty. (# of bags)	Master Carton Weight
60-PT-4	For 1/4" OD Tubing	A-1BK	17200001	098268391084	100	1	50	15.67
60-PT-6	For 3/8" OD Tubing	A-101BK	17200101	098268391305	100	1	50	17.50
60-PT-8	For 1/2" OD Tubing	A-202ABK	17210185	098268392722	100	1	50	84.00
60-PT-10	For 5/8" OD Tubing	A-302ABK	17210197	098268392753	100	1	50	82.00

*A bulk package consists of 100 loose pieces, not 100 bagged units.
 #The inner carton reflects the minimum purchase quantity for that item.
 Orders will be rounded to the nearest inner carton quantity.

No. 96760-PT Delrin Compression Sleeve with Brass Insert

PolyBag



Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
96760-PT-4	For 1/4" OD Tubing	A-8	17000008	048643070356	2	10	120	1.94
96760-PT-6	For 3/8" OD Tubing	A-107	17000107	048643070677	2	5	60	1.54
96760-PT-5	For 5/16" OD Tubing	A-165SC	16040165	048643168220	2	5	60	1.73
96760-PT-8	For 1/2" OD Tubing	A-173SC	16040173	048643089990	2	5	60	2.10
96760-PT-10	For 5/8" OD Tubing	A-306	17000306	048643123540	2	5	20	0.80

No. 61 Brass Compression Nut less Insert

PolyBag



Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
61-2	1/8" OD Compression	A-2A	16040064	048643009547	3	5	60	2.69
61-3	3/16" OD Compression	A-2B	16040070	048643009554	3	5	60	3.10
61-4	1/4" OD Compression	A-3	17000003	048643070325	3	10	120	5.54
61-4	1/4" OD Compression	A-3C	17010003	048643072961	25	5	20	6.19
61-5	5/16" OD Compression	A-91	17000091	048643067059	3	5	60	3.46
61-6	3/8" OD Compression	A-103	17000103	048643070646	3	10	120	7.14
61-6	3/8" OD Compression	A-103C	16043086	048643168442	25	5	60	25.41
61-8	1/2" OD Compression	A-203	17000203	048643071056	3	5	40	3.54
61-8	1/2" OD Compression	A-203C	16043098	048643168459	25	5	60	35.22
61-10	5/8" OD Compression	A-303	17000303	048643071346	3	5	40	5.09
61-10	5/8" OD Compression	A-303C	17010303	048643066960	25	5	30	28.57
61-14	7/8" OD Compression	A-403	16040116	048643929036	3	5	60	11.87

Bulk Packages

Industry No.	Description/Size	Watts Model	EDP	UPC	*Bulk Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
61-4	1/4" OD Compression	A-3BK	17200003	098268391107	100	1	25	35.33
61-6	3/8" OD Compression	A-103BK	17200103	098268391329	100	1	25	13.33
61-8	1/2" OD Compression	A-203BK	17200203	098268391725	100	1	25	66.33

*A bulk package consists of 100 loose pieces, not 100 bagged units.
 #The inner carton reflects the minimum purchase quantity for that item.
 Orders will be rounded to the nearest inner carton quantity.

Compression Fittings

No. 961 Ander-Lign Brass Nut with Brass Insert

PolyBag

Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
961-4	1/4" OD Compression	A-4	17000004	048643070332	1	10	120	3.31
961-5	5/16" OD Compression	A-92	17000092	048643067066	1	5	60	1.97
961-6	3/8" OD Compression	A-104	17000104	048643070653	1	10	120	4.30
961-8	1/2" OD Compression	A-204	17000204	048643071063	1	5	20	1.14
961-10	5/8" OD Compression	A-304	17000304	048643071353	1	5	40	2.59
961-14	7/8" OD Compression	A-504	17000504	048643071629	1	5	60	6.02



Bulk Packages

Industry No.	Description/Size	Watts Model	EDP	UPC	*Bulk Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
961-4	1/4" OD Compression	A-4BK	17200004	098268391114	100	1	25	66.50
961-6	3/8" OD Compression	A-104BK	17200104	098268391336	100	1	25	25.50
961-8	1/2" OD Compression	A-204BK	17200204	098268391732	100	1	25	118.00
961-10	5/8" OD Compression	A-304BK	17200304	098268392036	100	1	1	5.56

No. 61-CP Chrome Plated Brass Compression Nut less Insert

PolyBag

Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
61-CP-6	3/8" OD Compression	SC-185	16040185	048643115910	1	5	60	1.78



Bulk Packages

Industry No.	Description/Size	Watts Model	EDP	UPC	*Bulk Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
61-CP-6	3/8" OD Compression	SC-185BK	17210100	098268392647	100	1	1	25.20

No. 6061-CP Chrome Plated Brass Compression Nut with Brass Compression Sleeve

PolyBag

Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
6061-CP-6	For 3/8" OD Tubing	A-108	17000108	048643070684	2	5	60	3.28
6061-CP-8	For 1/2" OD Tubing	A-208	17000208	048643067240	2	5	20	1.58



*A bulk package consists of 100 loose pieces, not 100 bagged units.
 #The inner carton reflects the minimum purchase quantity for that item.
 Orders will be rounded to the nearest inner carton quantity.

No. 61-CX Brass Compression Cap less Insert

PolyBag



Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
61-CX-4	1/4" OD Compression	A-5	17000005	048643070349	1	5	60	2.06
61-CX-5	5/16" OD Compression	A-5A	16040123	048643073432	1	5	60	2.48
61-CX-6	3/8" OD Compression	A-105	17000105	048643070660	1	5	60	2.38
61-CX-6	3/8" OD Compression	A-124SC	16043124	048643177895	10	5	60	11.33
61-CX-8	1/2" OD Compression	A-205	17000205	048643071070	1	5	40	2.12
61-CX-10	5/8" OD Compression	A-305	17000305	048643071360	1	5	40	2.60

Bulk Packages

Industry No.	Description/Size	Watts Model	EDP	UPC	*Bulk Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
61-CX-5	5/16" OD Compression	A-5ABK	17210005	098268392609	100	1	25	78.00
61-CX-6	3/8" OD Compression	A-105BK	17200105	098268391343	100	1	25	82.00
61-CX-8	1/2" OD Compression	A-205BK	17200205	098268391749	100	1	25	113.00

No. 962 Ander-Lign Tube to Tube Union with Brass Insert

PolyBag



Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
962-2	1/8" OD Comp. Both Ends	A-9A	16010010	048643113220	1	5	60	2.98
962-3	3/16" OD Comp. Both Ends	A-9B	16010011	048643113237	1	5	60	3.62
962-4	1/4" OD Comp. Both Ends	A-10	17000010	048643070363	1	10	120	7.26
962-4	1/4" OD Comp. Both Ends	A-10C	17010010	048643072978	10	5	20	9.03
962-5	5/16" OD Comp. Both Ends	A-92A	17020092	048643123557	1	5	60	5.01
962-6	3/8" OD Comp. Both Ends	A-110	17000110	048643070707	1	10	120	10.48
962-6	3/8" OD Comp. Both Ends	A-110C	17010110	048643073012	5	5	60	20.67
962-8	1/2" OD Comp. Both Ends	A-210	17000210	048643071094	1	5	60	7.63
962-8	1/2" OD Comp. Both Ends	A-210C	16043271	048643177857	5	5	60	30.20
962-10	5/8" OD Comp. Both Ends	A-310	17000310	048643071384	1	5	60	9.46
962-10	5/8" OD Comp. Both Ends	A-310C	16043272	048643177871	5	5	60	42.38
962-12	3/4" OD Comp. Both Ends	A-475	17000475	048643067455	1	5	60	18.41
962-14	7/8" OD Comp. Both Ends	A-510	17000510	048643071643	1	2	24	8.22

Bulk Packages

Industry No.	Description/Size	Watts Model	EDP	UPC	*Bulk Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
962-4	1/4" OD Comp. Both Ends	A-10BK	17200010	098268391121	100	1	1	5.90
962-6	3/8" OD Comp. Both Ends	A-110BK	17200110	098268391367	100	1	1	8.72
962-8	1/2" OD Comp. Both Ends	A-210BK	17200210	098268391763	100	1	1	11.84
962-10	5/8" OD Comp. Both Ends	A-310BK	17200310	098268392050	100	1	1	15.08
962-12	3/4" OD Comp. Both Ends	A-475BK	17200475	098268392241	100	1	1	30.68
962-14	7/8" OD Comp. Both Ends	A-510BK	17200510	098268392272	100	1	1	32.80

*A bulk package consists of 100 loose pieces, not 100 bagged units.
 #The inner carton reflects the minimum purchase quantity for that item.
 Orders will be rounded to the nearest inner carton quantity.

No. 962-R Ander-Lign Tube to Tube Reducing Union with Brass Insert

PolyBag

Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
962-R-5-4	5/16" OD Comp. X 1/4" OD Comp.	A-92B	17090092	048643123564	1	5	40	3.20
962-R-6-4	3/8" OD Comp. X 1/4" OD Comp.	A-109	17000109	048643070691	1	5	60	5.43
962-R-8-4	1/2" OD Comp. X 1/4" OD Comp.	A-211	17000211	048643118355	1	5	20	2.30
962-R-8-6	1/2" OD Comp. X 3/8" OD Comp.	A-209	17000209	048643071087	1	5	60	7.07
962-R-8-6	1/2" OD Comp. X 3/8" OD Comp.	A-209C	16043281	048643177901	5	5	60	27.38
962-R-10-6	5/8" OD Comp. X 3/8" OD Comp.	A-309	17000309	048643071377	1	5	60	8.77
962-R-10-8	5/8" OD Comp. X 1/2" OD Comp.	A-308	17000308	048643928381	1	5	60	9.42
962-R-14-10	7/8" OD Comp. X 5/8" OD Comp.	A-509	17000509	048643071636	1	2	24	6.82



Bulk Packages

Industry No.	Description/Size	Watts Model	EDP	UPC	*Bulk Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
962-R-6-4	3/8" OD Comp. X 1/4" OD Comp.	A-109BK	17200109	098268391350	100	1	1	8.40
962-R-8-4	1/2" OD Comp. X 1/4" OD Comp.	A-211BK	17200211	098268391770	100	1	1	10.20
962-R-8-6	1/2" OD Comp. X 3/8" OD Comp.	A-209BK	17200209	098268391756	100	1	1	11.24
962-R-10-6	5/8" OD Comp. X 3/8" OD Comp.	A-309BK	17200309	098268392043	100	1	1	14.08

No. 62-R Tube to Tube Reducing Union

PolyBag

Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
62-R-10-6	5/8" OD Comp. X 3/8" OD Comp.	A-318	17000318	048643926776	1	5	40	5.95



Bulk Packages

Industry No.	Description/Size	Watts Model	EDP	UPC	*Bulk Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
62-R-10-6	5/8" OD Comp. X 3/8" OD Comp.	A-318BK	17200318	098268392081	100	1	1	13.16

*A bulk package consists of 100 loose pieces, not 100 bagged units.
#The inner carton reflects the minimum purchase quantity for that item.
Orders will be rounded to the nearest inner carton quantity.

No. 62-FM Female Compression to Tube Adaptor less Insert

PolyBag



Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
62-FM-6-4	3/8" Female Comp. X 1/4" OD Comp.	A-157	17000157	048643070851	1	5	60	3.64
62-FM-6-8	3/8" Female Comp. X 1/2" OD Comp.	A-158	17000158	048643070868	1	5	20	1.71
62-FM-7-6	7/16" Female Comp. X 3/8" OD Comp.	A-200	17000200	048643074873	1	5	60	4.49
62-FM-8-6	1/2" Female Comp. X 3/8" OD Comp.	A-230	17000230	048643071179	1	5	40	3.25

Bulk Packages

Industry No.	Description/Size	Watts Model	EDP	UPC	*Bulk Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
62-FM-6-4	3/8" Female Comp. X 1/4" OD Comp.	A-157BK	17200157	098268391527	100	1	1	5.44
62-FM-6-8	3/8" Female Comp. X 1/2" OD Comp.	A-158BK	17200158	098268391534	100	1	1	7.76
62-FM-8-6	1/2" Female Comp. X 3/8" OD Comp.	A-230BK	17200230	098268391862	100	1	1	11.35

No. 6240 Tube to Female Flare with Gasket Adaptor less Insert

PolyBag



Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
6240-4-4	1/4" OD Comp. X 1/4" Female Flare	A-55	17000055	048643070523	1	5	60	3.27
6240-6-6	3/8" OD Comp. X 3/8" Female Flare	A-155	17000155	048643070844	1	5	40	3.72

Bulk Packages

Industry No.	Description/Size	Watts Model	EDP	UPC	*Bulk Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
6240-4-4	1/4" OD Comp. X 1/4" Female Flare	A-55BK	17200055	098268391244	100	1	25	116.00
6240-6-6	3/8" OD Comp. X 3/8" Female Flare	A-155BK	17200155	098268391503	100	1	1	8.24

*A bulk package consists of 100 loose pieces, not 100 bagged units.
 #The inner carton reflects the minimum purchase quantity for that item.
 Orders will be rounded to the nearest inner carton quantity.

No. 964 Ander-Lign Tube 3-Ends Tee with Brass Insert

PolyBag

Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
964-4	1/4" OD Comp. 3 Ends	A-12	17000012	048643070370	1	5	60	7.04
964-6	3/8" OD Comp. 3 Ends	A-114	17000114	048643070721	1	10	120	19.23
964-8	1/2" OD Comp. 3 Ends	A-214	17000214	048643071100	1	5	40	9.85
964-10	5/8" OD Comp. 3 Ends	A-313	17000313	048643071391	1	5	60	20.67
964-14	7/8" OD Comp. 3 Ends	A-514	17000514	048643071667	1	2	24	14.98



Bulk Packages

Industry No.	Description/Size	Watts Model	EDP	UPC	*Bulk Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
964-4	1/4" OD Comp. 3 Ends	A-12BK	17200012	098268391138	100	1	1	8.60
964-6	3/8" OD Comp. 3 Ends	A-114BK	17200114	098268391374	100	1	1	16.20
964-8	1/2" OD Comp. 3 Ends	A-214BK	17200214	098268391787	100	1	1	22.80
964-10	5/8" OD Comp. 3 Ends	A-313BK	17200313	098268392067	100	1	1	33.72

No. 964-R Ander-Lign Tube 3-Ends Reducing Tee with Brass Insert

PolyBag


Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
964-R-6-6-4	3/8" OD Comp. X 3/8" OD Comp. X 1/4" OD Comp.	A-113	17000113	048643070714	1	5	60	9.70
964-R-14-14-10	7/8" OD Comp. X 7/8" OD Comp. X 5/8" OD Comp.	A-513	17000513	048643071650	1	2	24	13.72



*A bulk package consists of 100 loose pieces, not 100 bagged units.
 #The inner carton reflects the minimum purchase quantity for that item.
 Orders will be rounded to the nearest inner carton quantity.

No. 64-R Tube 3-Ends Reducing Tee less Insert

PolyBag




Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
64-R-8-8-6	1/2" OD Comp. X 1/2" OD Comp. X 3/8" OD Comp.	A-318SC	16040318	048643176799	1	5	60	11.98
64-R-10-10-8	5/8" OD Comp. X 5/8" OD Comp. X 1/2" OD Comp.	A-319SC	16040319	048643168251	1	5	60	17.46
64-R-14-14-10	7/8" OD Comp. X 7/8" OD Comp. X 5/8" OD Comp.	A-321SC	16040321	048643178236	1	2	24	10.90

Bulk Packages

Industry No.	Description/Size	Watts Model	EDP	UPC	*Bulk Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
64-R-8-8-6	1/2" OD Comp. X 1/2" OD Comp. X 3/8" OD Comp.	A-318SCBK	17210202	098268392760	100	1	1	23.40
64-R-10-10-8	5/8" OD Comp. X 5/8" OD Comp. X 1/2" OD Comp.	A-319SCBK	17210222	098268392777	100	1	1	28.96

No. 965 Ander-Lign Tube to Tube Elbow with Brass Insert

PolyBag



Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
965-4	1/4" OD Comp. Both Ends	A-14	17000014	048643070387	1	5	40	3.82
965-6	3/8" OD Comp. Both Ends	A-115	17000115	048643070738	1	5	40	5.57
965-8	1/2" OD Comp. Both Ends	A-215	17000215	048643071117	1	5	20	3.91
965-10	5/8" OD Comp. Both Ends	A-316	17000316	048643071407	1	5	60	16.80
965-14	7/8" OD Comp. Both Ends	A-517	17000517	048643105171	1	2	24	10.37

Bulk Packages

Industry No.	Description/Size	Watts Model	EDP	UPC	*Bulk Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
965-4	1/4" OD Comp. Both Ends	A-14BK	17200014	098268391145	100	1	1	6.32
965-6	3/8" OD Comp. Both Ends	A-115BK	17200115	098268391381	100	1	1	13.20
965-8	1/2" OD Comp. Both Ends	A-215BK	17200215	098268391794	100	1	1	18.56
965-10	5/8" OD Comp. Both Ends	A-316BK	17200316	098268392074	100	1	1	27.24

*A bulk package consists of 100 loose pieces, not 100 bagged units.
 #The inner carton reflects the minimum purchase quantity for that item.
 Orders will be rounded to the nearest inner carton quantity.

No. 966 Ander-Lign Tube to Female Pipe Coupling with Brass Insert

PolyBag

Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
966-4-2	1/4" OD Comp. X 1/8" FIP	A-15	17000015	048643066892	1	5	60	3.62
966-4-4	1/4" OD Comp. X 1/4" FIP	A-16	17000016	048643070394	1	5	60	4.15
966-4-6	1/4" OD Comp. X 3/8" FIP	A-18	17000018	048643070400	1	5	20	1.92
966-4-8	1/4" OD Comp. X 1/2" FIP	A-19	17000019	048643070417	1	5	40	4.02
966-5-4	5/16" OD Comp. X 1/4" FIP	A-92C	17010092	048643123571	1	5	20	1.57
966-6-4	3/8" OD Comp. X 1/4" FIP	A-116	17000116	048643070745	1	5	40	3.48
966-6-6	3/8" OD Comp. X 3/8" FIP	A-117	17000117	048643070752	1	5	60	5.06
966-6-8	3/8" OD Comp. X 1/2" FIP	A-118	17000118	048643070769	1	10	120	11.60
966-6-8	3/8" OD Comp. X 1/2" FIP	A-118C	16043363	048643177918	5	5	60	24.36
966-8-6	1/2" OD Comp. X 3/8" FIP	A-217	17000217	048643071124	1	5	20	1.94
966-8-8	1/2" OD Comp. X 1/2" FIP	A-218	17000218	048643071131	1	5	60	6.51
966-10-8	5/8" OD Comp. X 1/2" FIP	A-319	17000319	048643071414	1	5	60	7.48
966-10-12	5/8" OD Comp. X 3/4" FIP	A-320	17000320	048643067387	1	5	20	3.56
966-14-12	7/8" OD Comp. X 3/4" FIP	A-523	17000523	048643067509	1	2	24	5.98



Bulk Packages

Industry No.	Description/Size	Watts Model	EDP	UPC	*Bulk Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
966-4-4	1/4" OD Comp. X 1/4" FIP	A-16BK	17200016	098268391152	100	1	1	8.92
966-4-6	1/4" OD Comp. X 3/8" FIP	A-18BK	17200018	098268391169	100	1	1	9.24
966-4-8	1/4" OD Comp. X 1/2" FIP	A-19BK	17200019	098268391176	100	1	1	9.24
966-6-4	3/8" OD Comp. X 1/4" FIP	A-116BK	17200116	098268391398	100	1	1	7.84
966-6-6	3/8" OD Comp. X 3/8" FIP	A-117BK	17200117	098268391404	100	1	1	7.72
966-6-8	3/8" OD Comp. X 1/2" FIP	A-118BK	17200118	098268391411	100	1	1	9.32
966-8-6	1/2" OD Comp. X 3/8" FIP	A-217BK	17200217	098268391800	100	1	1	8.88
966-8-8	1/2" OD Comp. X 1/2" FIP	A-218BK	17200218	098268391817	100	1	1	10.20
966-10-8	5/8" OD Comp. X 1/2" FIP	A-319BK	17200319	098268392098	100	1	1	12.12
966-10-12	5/8" OD Comp. X 3/4" FIP	A-320BK	17200320	098268392104	100	1	1	16.56

*A bulk package consists of 100 loose pieces, not 100 bagged units.
 #The inner carton reflects the minimum purchase quantity for that item.
 Orders will be rounded to the nearest inner carton quantity.

No. 967 Ander-Lign Tube Insert

PolyBag



Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
967-4	For 1/4" OD Tubing	SA-152	16010152	048643114029	3	5	60	1.75
967-5	For 5/16" OD Tubing	SA-153	16010153	048643114043	3	5	60	1.83
967-6	For 3/8" OD Tubing	SA-154	16010154	048643114050	3	5	60	1.91
967-8	For 1/2" OD Tubing	SA-156	16010156	048643114067	3	5	60	2.31
967-10	For 5/8" OD Tubing	SA-157	16010157	048643114074	3	5	60	2.72

Bulk Packages

Industry No.	Description/Size	Watts Model	EDP	UPC	*Bulk Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
967-4	For 1/4" OD Tubing	SA-152BK	17210152	098268392661	100	1	50	32.67
967-5	For 5/16" OD Tubing	SA-153BK	17210153	098268392678	100	1	50	34.67
967-6	For 3/8" OD Tubing	SA-154BK	17210154	098268392685	100	1	50	36.00
967-8	For 1/2" OD Tubing	SA-156BK	17210156	098268392692	100	1	50	45.33
967-10	For 5/8" OD Tubing	SA-157BK	17210094	098268392630	100	1	50	59.33

*A bulk package consists of 100 loose pieces, not 100 bagged units.
 #The inner carton reflects the minimum purchase quantity for that item.
 Orders will be rounded to the nearest inner carton quantity.

No. 968 Ander-Lign Tube to Male Pipe Connector with Brass Insert

PolyBag

Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
968-2-2	1/8" OD Comp. X 1/8" MIP	A-21A	16010160	048643114081	1	5	60	3.25
968-3-2	3/16" OD Comp. X 1/8" MIP	A-21B	16010161	048643114098	1	5	60	3.33
968-4-2	1/4" OD Comp. X 1/8" MIP	A-22	17000022	048643070424	1	5	60	3.47
968-4-4	1/4" OD Comp. X 1/4" MIP	A-23	17000023	048643070431	1	5	60	4.27
968-4-6	1/4" OD Comp. X 3/8" MIP	A-24	17000024	048643070448	1	5	60	5.27
968-4-8	1/4" OD Comp. X 1/2" MIP	A-25	17000025	048643070455	1	5	60	6.50
968-5-2	5/16" OD Comp. X 1/8" MIP	A-25A	16010167	048643114159	1	5	60	3.86
968-5-4	5/16" OD Comp. X 1/4" MIP	A-92D	17081092	048643123588	1	5	20	1.61
968-6-2	3/8" OD Comp. X 1/8" MIP	A-121	17000121	048643155503	1	5	60	4.27
968-6-4	3/8" OD Comp. X 1/4" MIP	A-122	17000122	048643070776	1	5	60	4.69
968-6-6	3/8" OD Comp. X 3/8" MIP	A-123	17000123	048643070783	1	10	120	11.13
968-6-8	3/8" OD Comp. X 1/2" MIP	A-124	17000124	048643070790	1	10	120	14.19
968-6-8	3/8" OD Comp. X 1/2" MIP	A-124C	16043394	048643168497	5	5	60	27.22
968-6-12	3/8" OD Comp. X 3/4" MIP	A-125	17000125	048643065079	1	5	20	3.33
968-8-6	1/2" OD Comp. X 3/8" MIP	A-220	17000220	048643067271	1	5	60	6.43
968-8-8	1/2" OD Comp. X 1/2" MIP	A-221	17000221	048643071148	1	5	60	9.37
968-8-8	1/2" OD Comp. X 1/2" MIP	A-221C	16043400	048643177888	5	5	60	30.04
968-8-12	1/2" OD Comp. X 3/4" MIP	A-222A	16010181	048643114272	1	5	60	14.46
968-10-6	5/8" OD Comp. X 3/8" MIP	A-323	17000323	048643071421	1	5	20	2.69
968-10-8	5/8" OD Comp. X 1/2" MIP	A-324	17000324	048643071438	1	5	60	7.91
968-10-8	5/8" OD Comp. X 1/2" MIP	A-324C	16043403	048643177864	5	5	60	33.73
968-10-12	5/8" OD Comp. X 3/4" MIP	A-325	17000325	048643071445	1	5	60	11.11
968-10-12	5/8" OD Comp. X 3/4" MIP	A-478	17000478	048643245945	2	-	5	1.82
968-12-12	3/4" OD Comp. X 3/4" MIP	A-479A	16010186	048643114326	1	5	60	14.81
968-14-8	7/8" OD Comp. X 1/2" MIP	A-479B	16010187	048643114333	1	2	24	6.02
968-14-12	7/8" OD Comp. X 3/4" MIP	A-524	17000524	048643071674	1	2	24	6.25
968-14-12	7/8" OD Comp. X 3/4" MIP	A-477	17000477	048643245938	2	-	5	2.26



Bulk Packages

Industry No.	Description/Size	Watts Model	EDP	UPC	*Bulk Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
968-4-2	1/4" OD Comp. X 1/8" MIP	A-22BK	17200022	098268391183	100	1	1	5.16
968-4-4	1/4" OD Comp. X 1/4" MIP	A-23BK	17200023	098268391190	100	1	1	6.44
968-4-6	1/4" OD Comp. X 3/8" MIP	A-24BK	17200024	098268391206	100	1	1	8.04
968-4-8	1/4" OD Comp. X 1/2" MIP	A-25BK	17200025	098268391213	100	1	1	9.48
968-6-4	3/8" OD Comp. X 1/4" MIP	A-122BK	17200122	098268391428	100	1	1	7.20
968-6-6	3/8" OD Comp. X 3/8" MIP	A-123BK	17200123	098268391435	100	1	1	8.96
968-6-8	3/8" OD Comp. X 1/2" MIP	A-124BK	17200124	098268391442	100	1	1	10.04
968-6-12	3/8" OD Comp. X 3/4" MIP	A-125BK	17200125	098268391459	100	1	1	15.88
968-8-6	1/2" OD Comp. X 3/8" MIP	A-220BK	17200220	098268391824	100	1	1	10.00
968-8-8	1/2" OD Comp. X 1/2" MIP	A-221BK	17200221	098268391831	100	1	1	11.28
968-8-12	1/2" OD Comp. X 3/4" MIP	A-222ABK	17210186	098268392739	100	1	1	15.80
968-10-8	5/8" OD Comp. X 1/2" MIP	A-324BK	17200324	098268392111	100	1	1	12.04
968-10-12	5/8" OD Comp. X 3/4" MIP	A-325BK	17200325	098268392128	100	1	1	17.08
968-12-12	3/4" OD Comp. X 3/4" MIP	A-479ABK	17210276	098268392791	100	1	1	23.80
968-14-12	7/8" OD Comp. X 3/4" MIP	A-524BK	17200524	098268392289	100	1	1	24.80

*A bulk package consists of 100 loose pieces, not 100 bagged units.
 #The inner carton reflects the minimum purchase quantity for that item.
 Orders will be rounded to the nearest inner carton quantity.

No. 68 Tube to Male Pipe Connector less Insert



PolyBag

Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
68-4-2	1/4" OD Comp. X 1/8" MIP	A-22C	17010022	048643072985	10	5	20	7.37

Bulk Packages

Industry No.	Description/Size	Watts Model	EDP	UPC	*Bulk Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
68-4-2	1/4" OD Comp. X 1/8" MIP	A-22CBK	17210022	098268392616	100	1	25	90.10

No. 566 Tube to Nominal Sweat Adaptor less Insert



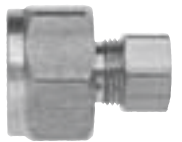
PolyBag

Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
566-6-8	3/8" OD Comp. X 1/2" Swt	SC-571	16040571	048643174429	1	5	60	4.55

Bulk Packages

Industry No.	Description/Size	Watts Model	EDP	UPC	*Bulk Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
566-6-8	3/8" OD Comp. X 1/2" Swt	SC-571BK	17210281	098268392807	100	1	1	6.48

No. 4500-C Tube to Ballcock Thread Adaptor less Insert



PolyBag

Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
4500-C-6-14	3/8" OD Comp. X 7/8" BC	A-135	17000135	048643067189	1	5	60	7.99
4500-C-8-14	1/2" OD Comp. X 7/8" BC	A-235	17000235	048643067295	1	5	60	8.54

*A bulk package consists of 100 loose pieces, not 100 bagged units.
 #The inner carton reflects the minimum purchase quantity for that item.
 Orders will be rounded to the nearest inner carton quantity.

No. 969 Ander-Lign Tube to Male Pipe Elbow with Brass Insert

PolyBag

Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
969-4-2	1/4" OD Comp. X 1/8" MIP	A-29	17000029	048643070462	1	5	40	3.10
969-4-4	1/4" OD Comp. X 1/4" MIP	A-30	17000030	048643070479	1	5	40	3.92
969-6-4	3/8" OD Comp. X 1/4" MIP	A-128	17000128	048643070806	1	5	40	4.52
969-6-6	3/8" OD Comp. X 3/8" MIP	A-129	17000129	048643070813	1	5	60	7.98
969-6-8	3/8" OD Comp. X 1/2" MIP	A-130	17000130	048643070820	1	5	40	7.25
969-8-6	1/2" OD Comp. X 3/8" MIP	A-222	17000222	048643071155	1	5	40	6.65
969-8-8	1/2" OD Comp. X 1/2" MIP	A-223	17000223	048643071162	1	5	20	3.93
969-10-6	5/8" OD Comp. X 3/8" MIP	A-327	17000327	048643120969	1	5	20	4.76
969-10-8	5/8" OD Comp. X 1/2" MIP	A-328	17000328	048643071452	1	5	40	8.78



Bulk Packages

Industry No.	Description/Size	Watts Model	EDP	UPC	*Bulk Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
969-4-2	1/4" OD Comp. X 1/8" MIP	A-29BK	17200029	098268391220	100	1	1	6.68
969-4-4	1/4" OD Comp. X 1/4" MIP	A-30BK	17200030	098268391237	100	1	1	8.80
969-6-4	3/8" OD Comp. X 1/4" MIP	A-128BK	17200128	098268391466	100	1	1	10.32
969-6-6	3/8" OD Comp. X 3/8" MIP	A-129BK	17200129	098268391473	100	1	1	12.64
969-6-8	3/8" OD Comp. X 1/2" MIP	A-130BK	17200130	098268391480	100	1	1	16.96
969-8-6	1/2" OD Comp. X 3/8" MIP	A-222BK	17200222	098268391848	100	1	1	15.52
969-8-8	1/2" OD Comp. X 1/2" MIP	A-223BK	17200223	098268391855	100	1	1	18.96
969-10-6	5/8" OD Comp. X 3/8" MIP	A-327BK	17200327	098268392135	100	1	1	22.52
969-10-8	5/8" OD Comp. X 1/2" MIP	A-328BK	17200328	098268392142	100	1	1	21.16

No. 969 Ander-Lign Tube to Male Pipe Elbow less Insert

PolyBag

Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
969-3-2	3/16" OD Comp. X 1/8" MIP	SA-191	16010191	048643114388	1	5	60	4.16
969-4-6	1/4" OD Comp. X 3/8" MIP	SA-195	16010195	048643114425	1	5	60	7.19
969-5-4	5/16" OD Comp. X 1/4" MIP	SA-197	16010197	048643114449	1	5	60	6.44
969-10-12	5/8" OD Comp. X 3/4" MIP	SA-211	16010211	048643114579	1	5	60	14.47



*A bulk package consists of 100 loose pieces, not 100 bagged units.
 #The inner carton reflects the minimum purchase quantity for that item.
 Orders will be rounded to the nearest inner carton quantity.

No. 69 Tube to Male Pipe Elbow



PolyBag

Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
69-6-6	3/8" OD Comp. X 3/8" MIP	A-129C	17010129	048643073036	5	5	20	11.41
69-14-12	7/8" OD Comp. X 3/4" MIP	A-445SC	16040445	048643168633	1	2	24	8.14

Bulk Packages

Industry No.	Description/Size	Watts Model	EDP	UPC	*Bulk Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
69-6-6	3/8" OD Comp. X 3/8" MIP	A-129CBK	17210030	098268392623	100	1	1	10.56

No. 970 Ander-Lign Tube to Female Pipe Elbow less Insert



PolyBag

Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
970-3-2	3/16" OD Comp. X 1/8" FIP	SA-221	16010221	048643114647	1	5	60	4.81
970-4-4	1/4" OD Comp. X 1/4" FIP	SA-223	16010223	048643114661	1	5	60	5.87
970-6-6	3/8" OD Comp. X 3/8" FIP	SA-228	16010228	048643114715	1	5	60	9.76
970-6-8	3/8" OD Comp. X 1/2" FIP	SA-229	16010229	048643114722	1	5	60	9.58
970-8-8	1/2" OD Comp. X 1/2" FIP	SA-232	16010232	048643114753	1	5	60	10.89
970-10-8	5/8" OD Comp. X 1/2" FIP	SA-235	16010235	048643114784	1	5	60	11.39

*A bulk package consists of 100 loose pieces, not 100 bagged units.
 #The inner carton reflects the minimum purchase quantity for that item.
 Orders will be rounded to the nearest inner carton quantity.

Information

Watts offers a wide variety of flare fittings including Standard 45°, Inverted 45°, POL, Gas Range, and Fine Thread ($\frac{9}{16}$ " x 24) for space heater applications.

Flare fittings are designed for higher pressure applications and are commonly used for gasoline, grease, oil, water, vacuum, air lines, L.P., and natural gas. Flare fittings can also be used for refrigeration, air conditioning, and other applications involving hard to hold liquids and gases using forged nuts.

Recommended for use with copper, brass, aluminum, and welded steel hydraulic tubing that can be flared. Not recommended for use with polybutylene or soft plastic tubing.

Installation instructions

Cut tubing square and put nut onto tubing. Flare tubing with 45° flaring tool and hand tighten nut over flare and onto fitting body. Wrench tighten for positive metal-to-metal seal. Do not over tighten.

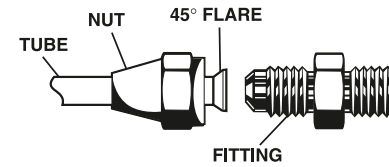
Specifications

Temperature: -65°F to 250°F

Working Pressure: Temperature and type of tubing must be considered for proper fitting selection.

The following is based on 70°F with copper tube. POL and Gas Fittings have a maximum working pressure of 250psi.

Copper Tube OD	Tube Wall Inches	psi (Flare Fittings)
$\frac{1}{8}$ "	0.030	2800
$\frac{3}{16}$ "	0.030	1900
$\frac{1}{4}$ "	0.030	1400
$\frac{5}{16}$ "	0.032	1200
$\frac{3}{8}$ "	0.032	900
$\frac{1}{2}$ "	0.032	700
$\frac{5}{8}$ "	0.035	640
$\frac{3}{4}$ "	0.035	550
$\frac{7}{8}$ "	0.035	450



Thread Sizes

Fitting	45° and Inverted	POL	Gas	Fine Thread
$\frac{1}{8}$ "	$\frac{5}{16}$ " X 24			
$\frac{3}{16}$ "	$\frac{3}{8}$ " X 24			
$\frac{1}{4}$ "	$\frac{7}{16}$ " X 24	.880-14LHT x $\frac{1}{4}$ "F		$\frac{9}{16}$ " x 24
$\frac{5}{16}$ "	$\frac{1}{2}$ " X 24			
$\frac{3}{8}$ "	$\frac{9}{16}$ " X 24	.880-14LHT x $\frac{3}{8}$ "F		$\frac{9}{16}$ " x 24
$\frac{7}{16}$ "	$\frac{5}{8}$ " X 24			
$\frac{1}{2}$ "	$1\frac{1}{16}$ " X 20	.880-14LHT x $\frac{1}{2}$ "F	$\frac{5}{16}$ " x $\frac{1}{2}$ "	
$\frac{5}{8}$ "	$1\frac{3}{16}$ " X 18		$\frac{5}{16}$ " x $\frac{5}{8}$ "	
$\frac{3}{4}$ "	1" X 18		$\frac{5}{16}$ " x $\frac{3}{4}$ "	
$\frac{7}{8}$ "	$1\frac{1}{8}$ " x 18			

45° Flare Fittings

No. 39-P Brass Flare Plug

PolyBag



Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
39-P-4	1/4" Flare	A-59	17000059	048643074576	1	5	20	0.90
39-P-5	5/16" Flare	A-165SF	16020165	048643926271	1	5	60	3.19
39-P-6	3/8" Flare	A-159	17000159	048643074583	1	5	60	4.38
39-P-8	1/2" Flare	A-259	17000259	048643074590	1	5	40	4.18
39-P-10	5/8" Flare	A-334	17000334	048643074606	1	5	20	2.84

Bulk Packages

Industry No.	Description/Size	Watts Model	EDP	UPC	*Bulk Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
39-P-4	1/4" Flare	A-59BK	17200059	098268391251	100	1	25	86.00
39-P-6	3/8" Flare	A-159BK	17200159	098268391541	100	1	1	6.88
39-P-8	1/2" Flare	A-259BK	17200259	098268391879	100	1	1	9.52
39-P-10	5/8" Flare	A-334BK	17200334	098268392159	100	1	1	13.40

No. 41-S Brass Short Rod Nut

PolyBag



Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
41-S-4	1/4" Flare	A-60	17000060	048643070530	1	5	60	2.76
41-S-5	5/16" Flare	A-80SF	16020080	048643926301	1	5	60	3.24
41-S-6	3/8" Flare	A-160	17000160	048643070875	1	10	120	5.74
41-S-6	3/8" Flare	A-160C	16023086	048643168510	10	5	60	23.81
41-S-8	1/2" Flare	A-260	17000260	048643071186	1	5	60	4.42
41-S-8	1/2" Flare	A-260C	17010260	048643168190	10	5	60	44.16
41-S-10	5/8" Flare	A-335	17000335	048643071469	1	5	60	6.70
41-S-10	5/8" Flare	A-335C	16023104	048643168534	10	5	30	29.18
41-S-12	3/4" Flare	A-455	16020105	048643115064	1	5	60	14.85
41-S-14	7/8" Flare	A-500	16020106	048643118003	1	2	24	9.80

Bulk Packages

Industry No.	Description/Size	Watts Model	EDP	UPC	*Bulk Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
41-S-4	1/4" Flare	A-60BK	17200060	098268391268	100	1	25	96.00
41-S-6	3/8" Flare	A-160BK	17200160	098268391558	100	1	25	116.00
41-S-8	1/2" Flare	A-260BK	17200260	098268391886	100	1	1	6.72
41-S-10	5/8" Flare	A-335BK	17200335	098268392166	100	1	1	10.52
41-S-12	3/4" Flare	A-455BK	17210319	098268392876	100	1	1	23.44

*A bulk package consists of 100 loose pieces, not 100 bagged units.
 #The inner carton reflects the minimum purchase quantity for that item.
 Orders will be rounded to the nearest inner carton quantity.

45° Flare Fittings

No. 41-L Brass Long Rod Nut

PolyBag

Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
41-L-6	3/8" Flare	A-160A	17020160	048643168060	1	10	120	10.80



No. 413 Brass Short Forged Nut

PolyBag

Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
413-6	3/8" Flare	A-162	17000162	048643070882	1	5	60	4.39
413-6	3/8" Flare	A-162C	16023233	048643168541	10	5	60	33.32
413-8	1/2" Flare	A-262	17000262	048643071193	1	5	60	5.89
413-8	1/2" Flare	A-262C	16023234	048643168558	10	5	60	49.66
413-10	5/8" Flare	A-338	17000338	048643071476	1	5	60	8.25
413-10	5/8" Flare	A-338C	16023235	048643174436	10	5	30	35.37
413-14	7/8" Flare	A-501	17000501	048643193932	1	5	60	12.50



Bulk Packages

Industry No.	Description/Size	Watts Model	EDP	UPC	*Bulk Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
413-6	3/8" Flare	A-162BK	17200162	098268391565	100	1	25	94.00
413-8	1/2" Flare	A-262BK	17200262	098268391893	100	1	1	9.16
413-10	5/8" Flare	A-338BK	17200338	098268392173	100	1	1	9.16

No. 40-C Brass Flare Cap

PolyBag

Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
40-C-4	1/4" Flare	A-63	17000063	048643070547	1	5	60	2.58
40-C-5	5/16" Flare	A-19SF	16020019	048643926295	1	5	60	3.27
40-C-6	3/8" Flare	A-163	17000163	048643070899	1	5	60	3.40
40-C-8	1/2" Flare	A-263	17000263	048643071209	1	5	60	4.15
40-C-10	5/8" Flare	A-342	17000342	048643071483	1	5	40	4.11



Bulk Packages

Industry No.	Description/Size	Watts Model	EDP	UPC	*Bulk Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
40-C-4	1/4" Flare	A-63BK	17200063	098268391275	100	1	25	92.00
40-C-6	3/8" Flare	A-163BK	17200163	098268391572	100	1	1	13.36
40-C-8	1/2" Flare	A-263BK	17200263	098268391909	100	1	1	6.56

*A bulk package consists of 100 loose pieces, not 100 bagged units.
 #The inner carton reflects the minimum purchase quantity for that item.
 Orders will be rounded to the nearest inner carton quantity.

No. 42 Brass Flare to Flare Union

PolyBag



Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
42-4	1/4" Flare Both Ends	A-65	17000065	048643070554	1	5	20	1.25
42-5	5/16" Flare Both Ends	A-268SF	16020268	048643926349	1	5	60	4.33
42-6	3/8" Flare Both Ends	A-165	17000165	048643070905	1	5	60	6.09
42-6	3/8" Flare Both Ends	A-165C	16023269	048643168565	5	5	60	26.17
42-8	1/2" Flare Both Ends	A-269	17000269	048643071223	1	5	60	8.33
42-8	1/2" Flare Both Ends	A-269C	16023271	048643168572	5	5	60	36.54
42-10	5/8" Flare Both Ends	A-350	17000350	048643071490	1	5	20	3.73

Bulk Packages

Industry No.	Description/Size	Watts Model	EDP	UPC	*Bulk Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
42-4	1/4" Flare Both Ends	A-65BK	17200065	098268391282	100	1	4	18.24
42-6	3/8" Flare Both Ends	A-165BK	17200165	098268391596	100	1	1	9.48
42-8	1/2" Flare Both Ends	A-269BK	17200269	098268391916	100	1	1	12.44
42-10	5/8" Flare Both Ends	A-350BK	17200350	098268392180	100	1	1	18.08

No. 42-R Brass Flare to Flare Reducing Union

PolyBag



Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
42-R-6-4	3/8" Flare X 1/4" Flare	A-165B	17090165	048643104518	1	5	20	1.70
42-R-8-6	1/2" Flare X 3/8" Flare	A-268	17000268	048643071216	1	5	60	6.96
42-R-10-6	5/8" Flare X 3/8" Flare	A-282SF	16020282	048643115149	1	5	60	9.46
42-R-10-8	5/8" Flare X 1/2" Flare	A-349	17000349	048643108691	1	5	120	9.65

No. 44 Brass Flare 3-End Tee

PolyBag



Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
44-4	1/4" Flare 3 Ends	A-68	17000068	048643070561	1	5	20	1.96
44-6	3/8" Flare 3 Ends	A-168	17000168	048643070912	1	5	60	11.78
44-8	1/2" Flare 3 Ends	A-271	17000271	048643071230	1	5	60	15.94
44-10	5/8" Flare 3 Ends	A-351	17000351	048643066922	1	5	20	8.30

Bulk Packages

Industry No.	Description/Size	Watts Model	EDP	UPC	*Bulk Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
44-6	3/8" Flare 3 Ends	A-168BK	17200168	098268391602	100	1	1	21.88
44-8	1/2" Flare 3 Ends	A-271BK	17200271	098268391923	100	1	1	25.52

*A bulk package consists of 100 loose pieces, not 100 bagged units.
 #The inner carton reflects the minimum purchase quantity for that item.
 Orders will be rounded to the nearest inner carton quantity.

No. 44-R Brass Flare 3-End Reducing Tee

PolyBag

Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
44-R-6-6-4	3/8" Flare X 3/8" Flare X 1/4" Flare	A-314SF	16020314	048643115224	1	5	60	9.85
44-R-8-8-6	1/2" Flare X 1/2" Flare X 3/8" Flare	A-318SF	16020318	048643929142	1	5	60	14.82
44-R-10-10-6	5/8" Flare X 5/8" Flare X 3/8" Flare	A-319SF	16020319	048643160316	1	5	60	7.07
44-R-10-10-8	5/8" Flare X 5/8" Flare X 1/2" Flare	A-319ASF	16020919	048643160286	1	5	60	23.57



Bulk Packages

Industry No.	Description/Size	Watts Model	EDP	UPC	*Bulk Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
44-R-8-8-6	1/2" Flare X 1/2" Flare X 3/8" Flare	A-318SFBK	17210318	098268392968	100	1	1	23.40

No. 46 Brass Flare to Female Pipe Coupling

PolyBag

Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
46-4-2	1/4" Flare X 1/8" FIP	A-73	17000073	048643108691	1	5	120	9.65
46-4-4	1/4" Flare X 1/4" FIP	A-75	17000075	048643070578	1	5	20	1.29
46-4-6	1/4" Flare X 3/8" FIP	A-76	17000076	048643105133	1	5	60	7.75
46-4-8	1/4" Flare X 1/2" FIP	A-77	17000077	048643105140	1	5	60	9.77
46-5-4	5/16" Flare X 1/4" FIP	A-76SF	16020358	048643008953	1	5	60	3.92
46-6-4	3/8" Flare X 1/4" FIP	A-175	17000175	048643070929	1	5	20	1.67
46-6-6	3/8" Flare X 3/8" FIP	A-176	17000176	048643070936	1	5	60	5.32
46-6-8	3/8" Flare X 1/2" FIP	A-177	17000177	048643926769	1	10	120	11.45
46-6-12	3/8" Flare X 3/4" FIP	A-364SF	16020364	048643009035	1	5	60	8.60
46-8-6	1/2" Flare X 3/8" FIP	A-274	17000274	048643104525	1	5	40	4.24
46-8-6	1/2" Flare X 3/8" FIP	A-274C	16023366	048643178212	5	5	60	26.90
46-8-8	1/2" Flare X 1/2" FIP	A-273	17000273	048643071247	1	5	60	7.45
46-8-8	1/2" Flare X 1/2" FIP	A-273C	16023367	048643177925	5	5	60	30.91
46-8-12	1/2" Flare X 3/4" FIP	A-275	17000275	048643105157	1	5	60	10.39
46-10-8	5/8" Flare X 1/2" FIP	A-360	17000360	048643071506	1	5	40	5.63
46-10-12	5/8" Flare X 3/4" FIP	A-361	17000361	048643928367	1	5	20	3.64
46-12-12	3/4" Flare X 3/4" FIP	A-468	17000468	048643153530	1	5	60	12.50
46-14-12	7/8" Flare X 3/4" FIP	A-374SF	16020374	048643160309	1	2	24	9.53



Bulk Packages

Industry No.	Description/Size	Watts Model	EDP	UPC	*Bulk Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
46-6-6	3/8" Flare X 3/8" FIP	A-176BK	17200176	098268391626	100	1	1	8.28
46-6-8	3/8" Flare X 1/2" FIP	A-177BK	17200177	098268391633	100	1	1	8.76
46-8-8	1/2" Flare X 1/2" FIP	A-273BK	17200273	098268391930	100	1	1	10.92

*A bulk package consists of 100 loose pieces, not 100 bagged units.
 #The inner carton reflects the minimum purchase quantity for that item.
 Orders will be rounded to the nearest inner carton quantity.

No. 48 Brass Flare to Male Pipe Half Union

PolyBag



Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
48-4-2	1/4" Flare X 1/8" MIP	A-79	17000079	048643928336	1	5	40	1.98
48-4-4	1/4" Flare X 1/4" MIP	A-80	17000080	048643070585	1	5	40	2.41
48-4-6	1/4" Flare X 3/8" MIP	A-80A	16020385	048643115460	1	5	60	4.73
48-4-8	1/4" Flare X 1/2" MIP	A-80B	16020386	048643929418	1	5	60	5.34
48-5-2	5/16" Flare X 1/8" MIP	A-80D	16020387	048643009059	1	5	60	3.62
48-5-4	5/16" Flare X 1/4" MIP	A-80E	16020388	048643009066	1	5	60	4.16
48-6-2	3/8" Flare X 1/8" MIP	A-80F	16020391	048643115477	1	5	60	4.99
48-6-4	3/8" Flare X 1/4" MIP	A-182	17000182	048643070943	1	5	40	3.44
48-6-6	3/8" Flare X 3/8" MIP	A-183	17000183	048643070950	1	5	60	5.20
48-6-8	3/8" Flare X 1/2" MIP	A-184	17000184	048643070967	1	10	120	11.39
48-6-8	3/8" Flare X 1/2" MIP	A-184C	16023394	048643168589	5	5	60	26.21
48-6-12	3/8" Flare X 3/4" MIP	A-184D	16020395	048643929197	1	5	60	9.83
48-8-6	1/2" Flare X 3/8" MIP	A-276	17000276	048643071254	1	5	60	7.26
48-8-8	1/2" Flare X 1/2" MIP	A-277	17000277	048643071261	1	5	60	9.11
48-8-8	1/2" Flare X 1/2" MIP	A-277C	16023400	048643168596	5	5	60	31.87
48-8-12	1/2" Flare X 3/4" MIP	A-278	17000278	048643066915	1	5	60	10.67
48-10-6	5/8" Flare X 3/8" MIP	A-402SF	16020402	048643115484	1	5	60	9.04
48-10-8	5/8" Flare X 1/2" MIP	A-370	17000370	048643071513	1	5	60	9.43
48-10-8	5/8" Flare X 1/2" MIP	A-370C	16023403	048643177819	5	5	60	42.71
48-10-12	5/8" Flare X 3/4" MIP	A-371	17000371	048643071520	1	5	20	4.35
48-12-12	3/4" Flare X 3/4" MIP	A-472	17000472	048643153547	1	5	60	14.64
48-14-12	7/8" Flare X 3/4" MIP	A-473	17000473	048643168718	1	2	24	4.83

Bulk Packages

Industry No.	Description/Size	Watts Model	EDP	UPC	*Bulk Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
48-4-4	1/4" Flare X 1/4" MIP	A-80BK	17200080	098268391299	100	1	1	5.16
48-6-4	3/8" Flare X 1/4" MIP	A-182BK	17200182	098268391640	100	1	1	7.52
48-6-6	3/8" Flare X 3/8" MIP	A-183BK	17200183	098268391657	100	1	1	7.84
48-6-8	3/8" Flare X 1/2" MIP	A-184BK	17200184	098268391664	100	1	1	8.94
48-8-6	1/2" Flare X 3/8" MIP	A-276BK	17200276	098268391947	100	1	1	11.20
48-8-8	1/2" Flare X 1/2" MIP	A-277BK	17200277	098268391954	100	1	1	10.48
48-8-12	1/2" Flare X 3/4" MIP	A-278BK	17200278	098268391961	100	1	1	16.64
48-10-8	5/8" Flare X 1/2" MIP	A-370BK	17200370	098268392197	100	1	1	14.76
48-10-12	5/8" Flare X 3/4" MIP	A-371BK	17200371	098268392203	100	1	1	21.08

*A bulk package consists of 100 loose pieces, not 100 bagged units.
 #The inner carton reflects the minimum purchase quantity for that item.
 Orders will be rounded to the nearest inner carton quantity.

No. 49 Brass Flare to Male Pipe Elbow

PolyBag

Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
49-4-2	1/4" Flare X 1/8" MIP	A-81A	17020081	048643120976	1	5	60	3.41
49-4-4	1/4" Flare X 1/4" MIP	A-81	17000081	048643066991	1	5	60	6.77
49-6-2	3/8" Flare X 1/8" MIP	A-185A	17020185	048643220676	1	5	60	7.80
49-6-4	3/8" Flare X 1/4" MIP	A-185	17000185	048643066908	1	5	20	2.69
49-6-6	3/8" Flare X 3/8" MIP	A-186	17000186	048643070974	1	5	60	8.39
49-6-8	3/8" Flare X 1/2" MIP	A-186B	17090186	048643100909	1	5	60	10.90
49-8-6	1/2" Flare X 3/8" MIP	A-280	17000280	048643071278	1	5	40	7.65
49-8-8	1/2" Flare X 1/2" MIP	A-281	17000281	048643071285	1	5	40	8.61
49-10-8	5/8" Flare X 1/2" MIP	A-372	17000372	048643928374	1	5	20	5.31
49-10-12	5/8" Flare X 3/4" MIP	A-440SF	16020440	048643009455	1	5	60	13.38



Bulk Packages

Industry No.	Description/Size	Watts Model	EDP	UPC	*Bulk Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
49-6-4	3/8" Flare X 1/4" MIP	A-185BK	17200185	098268391671	100	1	1	16.20
49-6-6	3/8" Flare X 3/8" MIP	A-186BK	17200186	098268391688	100	1	1	16.08
49-6-8	3/8" Flare X 1/2" MIP	A-186BBK	17210129	098268392654	100	1	1	18.16
49-8-8	1/2" Flare X 1/2" MIP	A-281BK	17200281	098268391978	100	1	1	20.92

No. 50 Brass Flare to Female Pipe Elbow

PolyBag

Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
50-6-6	3/8" Flare X 3/8" FIP	A-168B	17090168	048643118348	1	5	20	2.76
50-6-8	3/8" Flare X 1/2" FIP	A-172	17000172	048643101715	1	5	60	10.09
50-8-6	1/2" Flare X 3/8" FIP	A-462SF	16020462	048643929234	1	5	60	9.39
50-8-8	1/2" Flare X 1/2" FIP	A-279	17000279	048643101708	1	5	60	3.69
50-8-12	1/2" Flare X 3/4" FIP	A-464SF	16020464	048643009318	1	5	60	12.75
50-10-8	5/8" Flare X 1/2" FIP	A-374B	17090374	048643104549	1	5	60	10.08
50-10-12	5/8" Flare X 3/4" FIP	A-374	17000374	048643102125	1	5	20	7.26
50-14-12	7/8" Flare X 3/4" FIP	A-468SF	16020468	048643168756	1	2	24	18.31



Bulk Packages

Industry No.	Description/Size	Watts Model	EDP	UPC	*Bulk Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
50-6-8	3/8" Flare X 1/2" FIP	A-172BK	17200172	098268391619	100	1	1	13.72

*A bulk package consists of 100 loose pieces, not 100 bagged units.
 #The inner carton reflects the minimum purchase quantity for that item.
 Orders will be rounded to the nearest inner carton quantity.

No. 55 Brass Flare to Flare Elbow

PolyBag



Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
55-6	3/8" Flare Both Ends	A-169	17000169	048643067165	1	5	40	6.76
55-8	1/2" Flare Both Ends	A-272	17000272	048643067264	1	5	40	8.69
55-10	5/8" Flare Both Ends	A-373	17000373	048643100916	1	5	60	12.07

No. 70-SV Brass Flare to Flare Swivel

PolyBag



Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
70-SV-4	1/4" Flare Both Ends	A-64	17000064	048643155510	1	5	60	4.99
70-SV-6	3/8" Flare Both Ends	A-164	17000164	048643067172	1	5	60	8.03
70-SV-8	1/2" Flare Both Ends	A-283	17000283	048643067288	1	5	40	7.64
70-SV-10	5/8" Flare Both Ends	A-376	17000376	048643067370	1	5	60	16.27

Bulk Packages

Industry No.	Description/Size	Watts Model	EDP	UPC	*Bulk Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
70-SV-6	3/8" Flare Both Ends	A-164BK	17200164	098268391589	100	1	1	5.12
70-SV-8	1/2" Flare Both Ends	A-283BK	17200283	098268391985	100	1	1	18.64

*A bulk package consists of 100 loose pieces, not 100 bagged units.
 #The inner carton reflects the minimum purchase quantity for that item.
 Orders will be rounded to the nearest inner carton quantity.

No. POL-39 Brass Plug

PolyBag

Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
POL-39	.880-14LHT	A-613	17000613	048643068049	1	5	60	11.65



No. POL-40 Brass Cap

PolyBag

Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
POL-40	.880-14LHT	SP-891	16060891	048643117136	1	5	60	8.48



No. POL-41-STD Brass Standard Hex Nut

PolyBag

Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
POL-41-STD	.880-14LHT	A-610	17000610	048643068018	1	5	60	6.82



No. POL-45-TPC Brass Tailpiece

PolyBag

Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
POL-45-TPC	.880-14LHT	A-611	17000611	048643068025	1	5	60	9.53



No. POL-NUT/TAILPIECE POL-41 and POL-45 Brass Nut and Tailpiece Kit

PolyBag

Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
POL-NUT/ TAILPIECE	.880-14LHT	A-612	17000612	048643068032	1	5	20	5.03



*A bulk package consists of 100 loose pieces, not 100 bagged units.
 #The inner carton reflects the minimum purchase quantity for that item.
 Orders will be rounded to the nearest inner carton quantity.

No. 46-GF Brass Flare to Female Pipe Gas Range Fitting

PolyBag



Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
46-GF-15-8	15/16" Flare X 1/2" FIP	A-600	17000600	048643071704	1	5	20	3.61
46-GF-15-12	15/16" Flare X 3/4" FIP	A-601	17000601	048643071711	1	5	60	11.22

No. 48-GF Brass Flare to Male Pipe Gas Range Fitting

PolyBag



Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
48-GF-15-8	15/16" Flare X 1/2" MIP	A-605	17000605	048643071728	1	5	20	4.13
48-GF-15-12	15/16" Flare X 3/4" MIP	A-606	17000606	048643071735	1	5	20	4.93

No. 61-FRGF Brass Flare to Female Flare Gas Range Fitting

PolyBag



Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
61-FRGF-15-10	15/16" Flare X 5/8" Female Flare	A-609	17000609	048643071742	1	5	60	8.41

Bulk Packages

Industry No.	Description/Size	Watts Model	EDP	UPC	*Bulk Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
61-FRGF-15-10	15/16" Flare X 5/8" Female Flare	A-609BK	17200609	098268392296	100	1	1	14.44

*A bulk package consists of 100 loose pieces, not 100 bagged units.
 #The inner carton reflects the minimum purchase quantity for that item.
 Orders will be rounded to the nearest inner carton quantity.

Inverted Flare Fittings

No. 41-IN Brass Inverted Flare Nut

PolyBag

Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
41-IN-4	1/4" Inverted Flare	A-61	17000061	048643068063	1	5	60	1.63
41-IN-5	5/16" Inverted Flare	A-196SF	16020196	048643926332	1	5	60	2.44
41-IN-6	3/8" Inverted Flare	A-197SF	16020197	048643010093	1	5	60	3.51



No. 42-IN Brass Tube to Tube Union

PolyBag

Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
42-IN-4	1/4" Inverted Flare	A-66	17000066	048643068087	1	5	60	1.87
42-IN-6	3/8" Inverted Flare	A-174	17000174	048643068094	1	5	20	1.70



No. 48-IN Brass Tube to Male Pipe Connector

PolyBag

Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
48-IN-4-4	1/4" Inverted Flare X 1/4" MIP	A-79I	17060079	048643068100	1	5	60	3.10
48-IN-6-4	3/8" Inverted Flare X 1/4" MIP	SF-767	16020767	048643010185	1	5	60	4.62



*A bulk package consists of 100 loose pieces, not 100 bagged units.
 #The inner carton reflects the minimum purchase quantity for that item.
 Orders will be rounded to the nearest inner carton quantity.

Fine Thread Flare Fittings

No. 80-C Brass Flare Cap



PolyBag

Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
80-C-6	3/8" Fine Thread Flare	A-170	17000170	048643067837	1	5	60	2.36

No. 81 Brass Nut



PolyBag

Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
81-6	3/8" Fine Thread Flare	A-161	17000161	048643067844	1	5	60	2.67

No. 82 Brass Flare to Flare Union



PolyBag

Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
82-6-6	3/8" Fine Thread Flare Both Ends	A-161A	17020161	048643154971	1	5	20	1.39

*A bulk package consists of 100 loose pieces, not 100 bagged units.
 #The inner carton reflects the minimum purchase quantity for that item.
 Orders will be rounded to the nearest inner carton quantity.

Fine Thread Flare Fittings

No. 6280 Brass Tube to Fine Thread Female Flare Adaptor

PolyBag

Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
6280-4-6	1/4" OD Comp. X 3/8" Fine Thread Female Flare	A-154	17000154	048643067813	1	5	40	2.45
6280-6-6	3/8" OD Comp. X 3/8" Fine Thread Female Flare	A-156	17000156	048643067820	1	5	60	3.96
6280-6-8	3/8" OD Comp. X 1/2" Fine Thread Female Flare	A-134	17000134	048643100497	1	10	120	8.96



Bulk Packages

Industry No.	Description/Size	Watts Model	EDP	UPC	*Bulk Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
6280-4-6	1/4" OD Comp. X 3/8" Fine Thread Female Flare	A-154BK	17200154	098268391497	100	1	1	7.40
6280-6-6	3/8" OD Comp. X 3/8" Fine Thread Female Flare	A-156BK	17200156	098268391510	100	1	1	5.88

No. 86 Brass Flare to Female Pipe Coupling

PolyBag

Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
86-6-6	3/8" Fine Thread Flare X 3/8" FIP	A-178	17000178	048643067851	1	5	60	3.99
86-6-8	3/8" Fine Thread Flare X 1/2" FIP	A-179	17000179	048643067868	1	5	60	5.09



No. 88 Brass Flare to Male Pipe Half Union

PolyBag

Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
88-6-6	3/8" Fine Thread Flare X 3/8" MIP	A-180	17000180	048643067875	1	5	60	5.25
88-6-8	3/8" Fine Thread Flare X 1/2" MIP	A-181	17000181	048643067882	1	5	40	4.04



*A bulk package consists of 100 loose pieces, not 100 bagged units.
#The inner carton reflects the minimum purchase quantity for that item.
Orders will be rounded to the nearest inner carton quantity.

Information

Watts offers a variety of cooler fittings and needle valves for use with humidifiers, pneumatic and hydraulic instrumentation, and similar applications. These fittings and valves are appropriate for industrial and automotive use but are not recommended for LPG or gas applications.

Installation instructions

Needle valves should always be installed so that the line pressure is directed toward the seat of the valve. For installation instructions regarding the connection points please refer to the catalog section for the type of fitting used on that connection point.

Specifications

Temperature: -65°F to 250°F (40°F to 140°F for water applications)
 Working Pressure: 150psi

No. 92-EV Female Pipe to Male Pipe Adaptor



PolyBag

Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
92-EV-8	1/2" FIP X 1/2" MIP (tapped 1/8" Pipe Thread)	A-851	17000851	048643101203	1	5	60	9.11
92-EV-12	3/4" FIP X 3/4" MIP (tapped 1/8" Pipe Thread)	A-891	17000891	048643101210	1	5	60	14.46

No. 9192-EVP Cooler Valve (Tee with 1/4" Tube Needle Valve with Universal Compression Nuts)



PolyBag

Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
9192-EVP-6	For 3/8" OD Tubing Both Ends	A-139	17000139	048643067141	1	5	60	12.36

*A bulk package consists of 100 loose pieces, not 100 bagged units.
 #The inner carton reflects the minimum purchase quantity for that item.
 Orders will be rounded to the nearest inner carton quantity.

Information

Watts offers a wide variety of pipe fittings and nipples. Nipples are available in a variety of lengths and thread sizes and fittings are offered in a number of configurations using both male and female pipe threads. Many popular pipe fittings are offered in both barstock and cast materials. All tapered pipe threads are manufactured to the highest quality standards and tolerances.

Watts pipe fittings and nipples are recommended for use with brass, copper, or iron pipe. They are commonly used on oil, natural gas, water, and air lines.

Installation instructions

Place Teflon® tape on the male pipe threads and screw the thread into the female fitting until threads stop and the connection becomes tight. Do not over tighten.

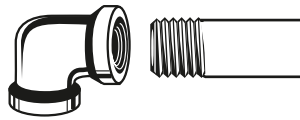
Specifications

Temperature: -65°F to 250°F

Working Pressure: 1,000psi on all barstock fittings and 125psi on all cast fittings at the temperature range stated above.

Thread Sizes

Fitting	Threads per Inch
1/8"	27
1/4"	18
3/8"	18
1/2"	14
3/4"	14
1"	11½
1¼"	11½
1½"	11½
2"	11½



No. 100 Female Pipe to Female Pipe Elbow

PolyBag



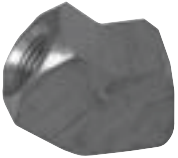
Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
100-2	1/8" FIP Both Ends	A-700	17000700	048643071971	1	5	20	1.72
100-4	1/4" FIP Both Ends	A-727	17000727	048643072121	1	5	60	6.51
100-6	3/8" FIP Both Ends	A-755	17000755	048643072299	1	5	40	5.68
100-8	1/2" FIP Both Ends	AC-805	17004805	048643153561	1	5	60	15.15
100-16	1" FIP Both Ends	A-900	17000900	048643067660	1	2	24	13.58

Bulk Packages

Industry No.	Description/Size	Watts Model	EDP	UPC	*Bulk Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
100-8	1/2" FIP Both Ends	AC-805BK	17200805	098268392463	100	1	1	25.32

No. 100-45 Female Pipe to Female Pipe 45° Elbow

PolyBag



Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
100-45-2	1/8" FIP Both Ends	A-702	17000702	048643071988	1	5	20	1.61
100-45-6	3/8" FIP Both Ends	A-756	17000756	048643072305	1	5	60	10.27
100-45-8	1/2" FIP Both Ends	A-806	17000806	048643072503	1	5	60	12.72
100-45-12	3/4" FIP Both Ends	A-856	17000856	048643072756	1	5	60	17.76

No. 101 Female Pipe Tee

PolyBag



Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
101-2	1/8" FIP 3 Ends	A-704	17000704	048643071995	1	5	20	1.87
101-4	1/4" FIP 3 Ends	A-730	17000730	048643072145	1	5	60	6.67
101-6	3/8" FIP 3 Ends	A-758	17000758	048643072312	1	5	60	8.86
101-16	1" FIP 3 Ends	A-902	17000902	048643067677	1	2	24	17.95

Bulk Packages

Industry No.	Description/Size	Watts Model	EDP	UPC	*Bulk Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
101-4	1/4" FIP 3 Ends	A-730BK	17200730	098268392425	100	1	1	10.56

*A bulk package consists of 100 loose pieces, not 100 bagged units.
 #The inner carton reflects the minimum purchase quantity for that item.
 Orders will be rounded to the nearest inner carton quantity.

Barstock and Forged Fittings

No. 101-R Female Pipe Reducing Tee

PolyBag

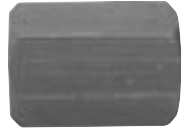
Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
101-R-6-6-4	3/8" FIP X 3/8" FIP X 1/4" FIP	A-53SP	16060053	048643116092	1	5	60	15.11
101-R-8-8-6	1/2" FIP X 1/2" FIP X 3/8" FIP	A-59SP	16060059	048643116122	1	5	60	18.35



No. 103 Female Pipe Coupling

PolyBag

Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
103-2	1/8" FIP Both Ends	A-706	17000706	048643072008	1	5	60	2.71
103-4	1/4" FIP Both Ends	A-732	17000732	048643072152	1	5	60	3.82
103-6	3/8" FIP Both Ends	A-760	17000760	048643072329	1	5	60	4.56
103-8	1/2" FIP Both Ends	A-810	17000810	048643072527	1	5	60	5.42
103-12	3/4" FIP Both Ends	A-862	17000862	048643072770	1	5	60	8.62
103-16	1" FIP Both Ends	A-904	17000904	048643067684	1	2	24	10.42



Bulk Packages

Industry No.	Description/Size	Watts Model	EDP	UPC	*Bulk Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
103-2	1/8" FIP Both Ends	A-706BK	17200706	098268392371	100	1	25	97.00
103-8	1/2" FIP Both Ends	A-810BK	17200810	098268392470	100	1	1	8.32

*A bulk package consists of 100 loose pieces, not 100 bagged units.
 #The inner carton reflects the minimum purchase quantity for that item.
 Orders will be rounded to the nearest inner carton quantity.

No. 103-R Female Pipe Reducing Coupling

PolyBag



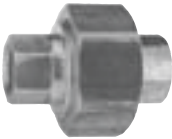
Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
103-R-4-2	1/4" FIP X 1/8" FIP	A-734	17000734	048643072169	1	5	60	3.72
103-R-6-2	3/8" FIP X 1/8" FIP	A-762	17000762	048643072336	1	5	20	1.52
103-R-6-4	3/8" FIP X 1/4" FIP	A-765	17000765	048643072343	1	5	60	4.65
103-R-8-2	1/2" FIP X 1/8" FIP	A-812	17000812	048643072534	1	5	20	1.96
103-R-8-4	1/2" FIP X 1/4" FIP	A-813	17000813	048643072541	1	5	60	6.66
103-R-8-6	1/2" FIP X 3/8" FIP	A-815	17000815	048643072558	1	5	60	6.62
103-R-12-6	3/4" FIP X 3/8" FIP	A-815A	16060107	048643092051	1	5	60	7.82
103-R-12-8	3/4" FIP X 1/2" FIP	A-865	17000865	048643072787	1	5	60	8.62
103-R-16-12	1" FIP X 3/4" FIP	A-905	17000905	048643927599	1	2	24	10.38

Bulk Packages

Industry No.	Description/Size	Watts Model	EDP	UPC	*Bulk Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
103-R-12-8	3/4" FIP X 1/2" FIP	A-865BK	17200865	098268392562	100	1	1	13.48

No. 104 Female Pipe Union

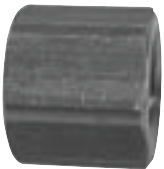
PolyBag



Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
104-2	1/8" FIP Both Ends	A-867A	16060130	048643116238	1	5	60	8.89
104-4	1/4" FIP Both Ends	A-131SP	16060131	048643116245	1	5	60	14.11
104-6	3/8" FIP Both Ends	A-767	17000767	048643072350	1	5	60	22.49
104-12	3/4" FIP Both Ends	A-867	17000867	048643072794	1	5	60	43.62
104-16	1" FIP Both Ends	A-867SP	16060135	048643092020	1	2	24	25.20

No. 108 Female Pipe Cap

PolyBag



Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
108-2	1/8" FIP	A-708	17000708	048643072015	1	5	40	1.65
108-4	1/4" FIP	A-736	17000736	048643072176	1	5	60	2.48
108-6	3/8" FIP	A-769	17000769	048643072367	1	5	60	4.21
108-8	1/2" FIP	A-819	17000819	048643072572	1	5	60	5.41
108-12	3/4" FIP	A-868	17000868	048643072800	1	5	20	2.83

Bulk Packages

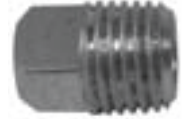
Industry No.	Description/Size	Watts Model	EDP	UPC	*Bulk Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
108-2	1/8" FIP	A-708BK	17200708	098268392388	100	1	25	80.00

Barstock and Forged Fittings

No. 109 Square Head Plug

PolyBag

Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
109-2	1/8" MIP	A-710	17000710	048643072022	1	5	60	2.29
109-4	1/4" MIP	A-737	17000737	048643072183	1	5	60	2.78
109-6	3/8" MIP	A-773	17000773	048643072374	1	5	60	3.69
109-8	1/2" MIP	A-823	17000823	048643072589	1	5	60	5.65
109-16	1" MIP	A-910	17000910	048643067707	1	2	24	6.02



Bulk Packages

Industry No.	Description/Size	Watts Model	EDP	UPC	*Bulk Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
109-6	3/8" MIP	A-773BK	17200773	098268392449	100	1	1	5.32

No. 109-AL Allen Head Plug

PolyBag

Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
109-AL-2	1/8" MIP	A-709	17000709	048643074613	1	5	60	1.22
109-AL-4	1/4" MIP	A-733	17000733	048643074620	1	5	60	3.19
109-AL-6	3/8" MIP	A-774	17000774	048643074637	1	5	60	2.64
109-AL-8	1/2" MIP	A-824	17000824	048643074644	1	5	60	4.80



*A bulk package consists of 100 loose pieces, not 100 bagged units.
 #The inner carton reflects the minimum purchase quantity for that item.
 Orders will be rounded to the nearest inner carton quantity.

Barstock and Forged Fittings

No. 110 Male Pipe to Female Pipe Hex Bushing

PolyBag



Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
110-4-2	1/4" MIP X 1/8" FIP	A-738	17000738	048643072190	1	5	60	2.66
110-6-2	3/8" MIP X 1/8" FIP	A-776	17000776	048643072381	1	5	40	2.87
110-6-4	3/8" MIP X 1/4" FIP	A-778	17000778	048643072398	1	5	60	3.23
110-8-2	1/2" MIP X 1/8" FIP	A-826	17000826	048643072596	1	5	60	7.62
110-8-4	1/2" MIP X 1/4" FIP	A-827	17000827	048643072602	1	5	60	6.29
110-8-6	1/2" MIP X 3/8" FIP	A-828	17000828	048643072619	1	5	60	4.53
110-12-2	3/4" MIP X 1/8" FIP	A-829A	16060196	048643090897	1	5	60	13.65
110-12-4	3/4" MIP X 1/4" FIP	A-829B	16060197	048643090903	1	5	60	12.26
110-12-6	3/4" MIP X 3/8" FIP	A-829D	16060198	048643090910	1	5	60	10.45
110-12-8	3/4" MIP X 1/2" FIP	A-870	17000870	048643072824	1	5	60	8.02
110-16-12	1" MIP X 3/4" FIP	A-911	17000911	048643067714	1	2	24	6.00

Bulk Packages

Industry No.	Description/Size	Watts Model	EDP	UPC	*Bulk Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
110-8-4	1/2" MIP X 1/4" FIP	A-827BK	17200827	098268392487	100	1	1	9.40
110-8-6	1/2" MIP X 3/8" FIP	A-828BK	17200828	098268392494	100	1	1	6.52

No. 110-CP Male Pipe to Female Pipe Chrome Plated Hex Bushing

PolyBag



Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
110-CP-8-6	1/2" MIP X 3/8" FIP	ACP-828	17003828	048643108851	1	5	60	4.44
110-CP-12-8	3/4" MIP X 1/2" FIP	ACP-870	17003870	048643108844	1	5	60	7.86

*A bulk package consists of 100 loose pieces, not 100 bagged units.
 #The inner carton reflects the minimum purchase quantity for that item.
 Orders will be rounded to the nearest inner carton quantity.

Barstock and Forged Fittings

No. 111 Lock Nut

PolyBag

Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
111-2	1/8" FIP	A-711	17000711	048643067578	1	5	60	1.78
111-4	1/4" FIP	A-731	17000731	048643067592	1	5	60	2.81
111-6	3/8" FIP	A-770	17000770	048643067615	1	5	60	3.72
111-8	1/2" FIP	A-829	17000829	048643067639	1	5	60	5.83
111-12	3/4" FIP	A-874	17000874	048643067653	1	5	60	8.11



Bulk Packages

Industry No.	Description/Size	Watts Model	EDP	UPC	*Bulk Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
111-8	1/2" FIP	A-829BK	17200829	098268392500	100	1	1	9.72

No. 115-FB Face Bushing

PolyBag

Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
115-FB-6-4	3/8" MIP X 1/4" MIP	SP-217	16060217	048643116382	1	5	60	3.88
115-FB-8-6	1/2" MIP X 3/8" MIP	SP-220	16060220	048643116412	1	5	60	4.27
115-FB-12-8	3/4" MIP X 1/2" MIP	SP-223	16060223	048643116443	1	5	60	4.30



No. 116 Male Pipe to Female Pipe Street Elbow

PolyBag

Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
116-2	1/8" MIP X 1/8" FIP	A-712	17000712	048643072039	1	5	60	4.10
116-4	1/4" MIP X 1/4" FIP	A-739	17000739	048643072206	1	5	60	6.07
116-6	3/8" MIP X 3/8" FIP	A-782	17000782	048643072404	1	5	60	8.69
116-8	1/2" MIP X 1/2" FIP	AC-832	17004832	048643153714	1	5	60	16.35
116-16	1" MIP X 1" FIP	A-876SP	16060245	048643091924	1	2	24	5.04



Bulk Packages

Industry No.	Description/Size	Watts Model	EDP	UPC	*Bulk Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
116-4	1/4" MIP X 1/4" FIP	A-739BK	17200739	098268392432	100	1	1	9.68

*A bulk package consists of 100 loose pieces, not 100 bagged units.
 #The inner carton reflects the minimum purchase quantity for that item.
 Orders will be rounded to the nearest inner carton quantity.

No. 116-45 Male Pipe to Female Pipe 45° Street Elbow

PolyBag



Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
116-45-2	1/8" MIP X 1/8" FIP	SP-250	16060250	048643168299	1	5	60	3.54
116-45-4	1/4" MIP X 1/4" FIP	SP-251	16060251	048643168305	1	5	60	7.69
116-45-6	3/8" MIP X 3/8" FIP	SP-252	16060252	048643168312	1	5	60	10.37
116-45-8	1/2" MIP X 1/2" FIP	A-253SP	16060253	048643176805	1	5	60	5.61
116-45-12	3/4" MIP X 3/4" FIP	A-254SP	16060254	048643176812	1	5	60	20.72

No. 120 Female Pipe to Male Pipe Coupling

PolyBag



Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
120-4-2	1/4" FIP X 1/8" MIP	SP-266	16060266	048643168329	1	5	60	3.69
120-4-4	1/4" FIP X 1/4" MIP	SP-267	16060267	048643176171	1	5	60	3.77
120-6-4	3/8" FIP X 1/4" MIP	SP-269	16060269	048643168336	1	5	60	4.60
120-6-6	3/8" FIP X 3/8" MIP	SP-269A	16061269	048643176294	1	5	60	6.79
120-8-6	1/2" FIP X 3/8" MIP	A-831	17000831	048643155527	1	5	60	7.25
120-8-8	1/2" FIP X 1/2" MIP	SP-275	16060275	048643176218	1	5	60	7.65
120-12-8	3/4" FIP X 1/2" MIP	SP-276	16060276	048643176225	1	5	60	9.18

Bulk Packages

Industry No.	Description/Size	Watts Model	EDP	UPC	*Bulk Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
120-4-2	1/4" FIP X 1/8" MIP	SP-266BK	17210402	098268392883	100	1	4	18.88
120-12-8	3/4" FIP X 1/2" MIP	SP-276BK	17210479	098268392890	100	1	1	14.44

No. 121 Hex Head Plug

PolyBag



Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
121-2	1/8" MIP	SP-280	16060280	048643168343	1	5	60	2.37
121-4	1/4" MIP	SP-281	16060281	048643168350	1	5	60	3.19
121-6	3/8" MIP	SP-282	16060282	048643168367	1	5	60	4.74
121-8	1/2" MIP	SP-283	16060283	048643168374	1	5	60	5.47
121-12	3/4" MIP	SP-284	16060284	048643176249	1	5	60	9.61

Bulk Packages

Industry No.	Description/Size	Watts Model	EDP	UPC	*Bulk Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
121-4	1/4" MIP	SP-281BK	17210571	098268392906	100	1	4	18.88
121-6	3/8" MIP	SP-282BK	17210620	098268392913	100	1	1	6.80
121-8	1/2" MIP	SP-283BK	17210623	098268392821	100	1	1	8.16

*A bulk package consists of 100 loose pieces, not 100 bagged units.
 #The inner carton reflects the minimum purchase quantity for that item.
 Orders will be rounded to the nearest inner carton quantity.

Barstock and Forged Fittings

No. 122 Hex Nipple

PolyBag

Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
122-2	1/8" MIP Both Ends	A-714	17000714	048643067561	1	5	60	2.77
122-4	1/4" MIP Both Ends	A-729	17000729	048643067585	1	5	60	3.65
122-6	3/8" MIP Both Ends	A-783	17000783	048643067608	1	5	60	5.11
122-8	1/2" MIP Both Ends	A-833	17000833	048643067622	1	5	60	6.42
122-12	3/4" MIP Both Ends	A-875	17000875	048643067646	1	5	60	12.31



Bulk Packages

Industry No.	Description/Size	Watts Model	EDP	UPC	*Bulk Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
122-4	1/4" MIP Both Ends	A-729BK	17200729	098268392418	100	1	1	5.32
122-8	1/2" MIP Both Ends	A-833BK	17200833	098268392517	100	1	1	9.68

No. 122-R Reducing Hex Nipple

PolyBag

Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
122-R-4-2	1/4" MIP X 1/8" MIP	SP-295	16060295	048643168664	1	5	60	3.62
122-R-6-2	3/8" MIP X 1/8" MIP	SP-296	16060296	048643176256	1	5	60	4.73
122-R-6-4	3/8" MIP X 1/4" MIP	SP-297	16060297	048643168671	1	5	60	5.05
122-R-8-4	1/2" MIP X 1/4" MIP	SP-298	16060298	048643176263	1	5	60	6.59
122-R-8-6	1/2" MIP X 3/8" MIP	SP-299	16060299	048643176270	1	5	60	5.87
122-R-12-8	3/4" MIP X 1/2" MIP	A-875A	17020875	048643240674	1	5	60	9.10



Bulk Packages

Industry No.	Description/Size	Watts Model	EDP	UPC	*Bulk Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
122-R-8-6	1/2" MIP X 3/8" MIP	SP-299BK	17210624	098268392937	100	1	1	8.72

No. 130-R Male Pipe Reducing Elbow

PolyBag

Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
130-R-8-6	1/2" MIP X 3/8" MIP	A-804	17000804	048643234833	1	5	60	6.10

Bulk Packages

Industry No.	Description/Size	Watts Model	EDP	UPC	*Bulk Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
130-R-8-6	1/2" MIP X 3/8" MIP	A-804BK	17200804	098268392456	100	1	1	18.00



*A bulk package consists of 100 loose pieces, not 100 bagged units.
 #The inner carton reflects the minimum purchase quantity for that item.
 Orders will be rounded to the nearest inner carton quantity.

Cast Red Brass Fittings

No. C100 Cast Red Brass Female Pipe to Female Pipe Elbow

PolyBag

Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
C100-8	1/2" FIP Both Ends	A-805	17000805	048643072497	1	5	60	15.24
C100-12	3/4" FIP Both Ends	A-855	17000855	048643072749	1	5	40	15.27



No. C100-45 Cast Red Brass Female Pipe to Female Pipe 45° Elbow

PolyBag

Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
C100-45-4	1/4" FIP Both Ends	A-728	17000728	048643072138	1	5	20	2.06



No. C101 Cast Red Brass Female Pipe Tee

PolyBag

Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
C101-8	1/2" FIP 3 Ends	A-808	17000808	048643072510	1	5	60	19.39
C101-12	3/4" FIP 3 Ends	A-858	17000858	048643072763	1	5	60	28.78



Bulk Packages

Industry No.	Description/Size	Watts Model	EDP	UPC	*Bulk Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
C101-12	3/4" FIP 3 Ends	A-858BK	17200858	098268392555	100	1	1	47.96

No. C103 Cast Red Brass Female Pipe Coupling

PolyBag

Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
C103-8	1/2" FIP Both Ends	AC-810	17004810	048643153592	1	5	60	11.51



*A bulk package consists of 100 loose pieces, not 100 bagged units.
 #The inner carton reflects the minimum purchase quantity for that item.
 Orders will be rounded to the nearest inner carton quantity.

Cast Red Brass Fittings

No. C104 Cast Red Brass Female Pipe Union

PolyBag

Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
C104-8	1/2" FIP Both Ends	A-817	17000817	048643072565	1	5	20	9.79



No. C109 Cast Red Brass Square Head Plug

PolyBag

Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
C109-12	3/4" MIP	A-869	17000869	048643072817	1	5	60	10.39



No. C116 Cast Red Brass Male Pipe to Female Pipe Street Elbow

PolyBag

Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
C116-8	1/2" MIP X 1/2" FIP	A-832	17000832	048643072626	1	5	60	16.33
C116-12	3/4" MIP X 3/4" FIP	A-876	17000876	048643072831	1	5	60	22.36



*A bulk package consists of 100 loose pieces, not 100 bagged units.
 #The inner carton reflects the minimum purchase quantity for that item.
 Orders will be rounded to the nearest inner carton quantity.

No. 113 Yellow Brass 1/8" Pipe Nipple

PolyBag



Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
113-2	1/8" MIP X Close	A-715	17000715	048643072046	1	5	60	2.12
113-2	1/8" MIP X 1 1/2" Long	A-716	17000716	048643072053	1	5	60	3.00
113-2	1/8" MIP X 2" Long	A-717	17000717	048643072060	1	5	40	2.36
113-2	1/8" MIP X 2 1/2" Long	A-717ASP	16060503	048643168688	1	5	60	4.66
113-2	1/8" MIP X 6" Long	A-725	17000725	048643072114	1	5	60	9.10

Bulk Packages

Industry No.	Description/Size	Watts Model	EDP	UPC	*Bulk Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
113-2	1/8" MIP X Close	A-715BK	17200715	098268392395	100	1	25	65.00
113-2	1/8" MIP X 1 1/2" Long	A-716BK	17200716	098268392401	100	1	25	104.00

No. RB113 Red Brass 1/8" Pipe Nipple

PolyBag



Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
RB113-2	1/8" MIP X 2 1/2" Long	A-718	17000718	048643072077	1	5	20	1.41
RB113-2	1/8" MIP X 3" Long	A-719	17000719	048643072084	1	5	20	1.55
RB113-2	1/8" MIP X 4" Long	A-721	17000721	048643072091	1	5	20	2.05
RB113-2	1/8" MIP X 5" Long	A-723	17000723	048643072107	1	5	20	2.47

No. 113 Yellow Brass 1/4" Pipe Nipple

PolyBag



Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
113-4	1/4" MIP X Close	A-740	17000740	048643072213	1	5	60	2.75
113-4	1/4" MIP X 1 1/2" Long	A-741	17000741	048643072220	1	5	60	3.83
113-4	1/4" MIP X 2" Long	A-742	17000742	048643072237	1	5	60	5.84
113-4	1/4" MIP X 2 1/2" Long	A-743	17000743	048643072244	1	5	60	7.10
113-4	1/4" MIP X 3" Long	A-744	17000744	048643072251	1	5	60	8.66
113-4	1/4" MIP X 4" Long	A-746	17000746	048643072268	1	5	60	11.65
113-4	1/4" MIP X 5" Long	A-748	17000748	048643072275	1	5	40	9.62
113-4	1/4" MIP X 6" Long	A-750	17000750	048643072282	1	5	30	8.46

*A bulk package consists of 100 loose pieces, not 100 bagged units.
 #The inner carton reflects the minimum purchase quantity for that item.
 Orders will be rounded to the nearest inner carton quantity.

No. 113 Yellow Brass 3/8" Pipe Nipple

PolyBag

Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
113-6	3/8" MIP X Close	A-785	17000785	048643072411	1	5	60	3.22
113-6	3/8" MIP X 1 1/2" Long	A-786	17000786	048643072428	1	5	60	4.87
113-6	3/8" MIP X 2" Long	A-787	17000787	048643072435	1	5	40	4.40
113-6	3/8" MIP X 2 1/2" Long	A-788	17000788	048643072442	1	5	20	2.75
113-6	3/8" MIP X 3" Long	A-789	17000789	048643072459	1	5	20	3.30
113-6	3/8" MIP X 4" Long	A-791	17000791	048643072466	1	5	20	4.38
113-6	3/8" MIP X 5" Long	A-793	17000793	048643072473	1	5	60	16.74
113-6	3/8" MIP X 6" Long	A-795	17000795	048643072480	1	5	60	20.03



No. 113-CP Yellow Brass 3/8" Chrome Plated Pipe Nipple

PolyBag

Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
113-CP-6	3/8" MIP X Close	ACP-785	17003785	048643108868	1	5	60	3.27
113-CP-6	3/8" MIP X 2" Long	ACP-787	17003787	048643108882	1	5	60	6.64
113-CP-6	3/8" MIP X 2 1/2" Long	ACP-788	17003788	048643108899	1	5	60	8.18
113-CP-6	3/8" MIP X 3" Long	ACP-789	17003789	048643108905	1	5	60	8.78
113-CP-6	3/8" MIP X 3 1/2" Long	ACP-790	17003790	048643108912	1	5	60	11.23
113-CP-6	3/8" MIP X 4" Long	ACP-791	17003791	048643108929	1	5	60	13.04
113-CP-6	3/8" MIP X 5" Long	ACP-793	17003793	048643108936	1	5	60	16.85
113-CP-6	3/8" MIP X 6" Long	ACP-795	17003795	048643108943	1	5	60	20.26



*A bulk package consists of 100 loose pieces, not 100 bagged units.
 #The inner carton reflects the minimum purchase quantity for that item.
 Orders will be rounded to the nearest inner carton quantity.

No. 113 Yellow Brass 1/2" Pipe Nipple

PolyBag



Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
113-8	1/2" MIP X Close	A-835	17000835	048643072633	1	5	60	4.35
113-8	1/2" MIP X 1 1/2" Long	A-836	17000836	048643072640	1	5	60	5.98
113-8	1/2" MIP X 2" Long	A-837	17000837	048643072657	1	5	60	7.94
113-8	1/2" MIP X 2 1/2" Long	A-838	17000838	048643072664	1	5	60	9.90
113-8	1/2" MIP X 3" Long	A-839	17000839	048643072671	1	5	60	11.59
113-8	1/2" MIP X 4" Long	A-841	17000841	048643072688	1	5	60	15.65
113-8	1/2" MIP X 5" Long	A-843	17000843	048643072695	1	5	60	20.17
113-8	1/2" MIP X 5 1/2" Long	A-844	17000844	048643927049	1	5	60	22.10
113-8	1/2" MIP X 6" Long	A-845	17000845	048643072701	1	5	60	25.08

Bulk Packages

Industry No.	Description/Size	Watts Model	EDP	UPC	*Bulk Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
113-8	1/2" MIP X Close	A-835BK	17200835	098268392524	100	1	1	6.84
113-8	1/2" MIP X 1 1/2" Long	A-836BK	17200836	098268392531	100	1	1	9.20
113-8	1/2" MIP X 2 1/2" Long	A-838BK	17200838	098268392548	100	1	1	15.84

No. 113-CP Yellow Brass 1/2" Chrome Plated Pipe Nipple

PolyBag



Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
113-CP-8	1/2" MIP X Close	ACP-835	17003835	048643108950	1	5	60	4.52
113-CP-8	1/2" MIP X 1 1/2" Long	ACP-836	17003836	048643108967	1	5	60	6.13
113-CP-8	1/2" MIP X 2" Long	ACP-837	17003837	048643108974	1	5	60	8.12
113-CP-8	1/2" MIP X 3" Long	ACP-839	17003839	048643108998	1	5	60	11.68
113-CP-8	1/2" MIP X 3 1/2" Long	ACP-840	17003840	048643109001	1	5	60	13.89
113-CP-8	1/2" MIP X 4" Long	ACP-841	17003841	048643109018	1	5	60	15.99
113-CP-8	1/2" MIP X 5" Long	ACP-843	17003843	048643109025	1	5	60	21.15
113-CP-8	1/2" MIP X 6" Long	ACP-845	17003845	048643109032	1	5	60	24.17

*A bulk package consists of 100 loose pieces, not 100 bagged units.
 #The inner carton reflects the minimum purchase quantity for that item.
 Orders will be rounded to the nearest inner carton quantity.

No. 113 Yellow Brass 3/4" Pipe Nipple

PolyBag

Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
113-12	3/4" MIP X Close	A-877	17000877	048643072848	1	5	60	6.61
113-12	3/4" MIP X 1 1/2" Long	A-878	17000878	048643072855	1	5	60	7.27
113-12	3/4" MIP X 2" Long	A-879	17000879	048643072862	1	5	60	9.58
113-12	3/4" MIP X 2 1/2" Long	A-880	17000880	048643072879	1	5	60	14.02
113-12	3/4" MIP X 3" Long	A-881	17000881	048643072886	1	5	60	16.89
113-12	3/4" MIP X 4" Long	A-883	17000883	048643072893	1	5	40	12.82
113-12	3/4" MIP X 5" Long	A-885	17000885	048643072909	1	5	60	24.09
113-12	3/4" MIP X 6" Long	A-887	17000887	048643072916	1	5	20	9.68



Bulk Packages

Industry No.	Description/Size	Watts Model	EDP	UPC	*Bulk Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
113-12	3/4" MIP X 1 1/2" Long	A-878BK	17200878	098268392579	100	1	1	11.56
113-12	3/4" MIP X 3" Long	A-881BK	17200881	098268392586	100	1	1	23.04

No. 113 Yellow Brass 1" Pipe Nipple

PolyBag

Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
113-16	1" MIP X Close	A-915	17000915	048643067721	1	2	24	4.28
113-16	1" MIP X 2" Long	A-917	17000917	048643067745	1	2	24	5.34
113-16	1" MIP X 2 1/2" Long	A-917A	16060603	048643091252	1	2	24	4.91



*A bulk package consists of 100 loose pieces, not 100 bagged units.
 #The inner carton reflects the minimum purchase quantity for that item.
 Orders will be rounded to the nearest inner carton quantity.

Information

Watts offers a variety of styles of hose barb fittings including elbows, tees, and adaptors. Hose barb fittings can be used with any tubing soft enough to accept a clamp style connection including vinyl and rubber.

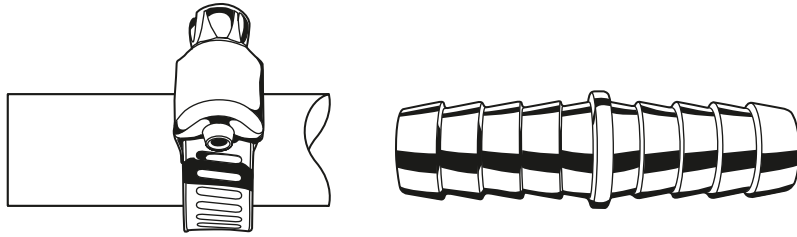
Installation instructions

Cut tubing square and slide hose clamp onto the hose end. Push the barbed fitting into the hose until the end of the hose reaches the hex or stop ring, a non-petroleum lubricant may be used to assist in inserting the fitting into the tube. Move hose clamp over hose and barb and tighten the clamp with the appropriate tool (depending on the style of clamp) until a positive connection is made. Do not over tighten.

Specifications

Temperature: -40°F to 160°F

Working Pressure: 150psi. Do not exceed the recommended pressure rating of the tubing used.



No. 222 Brass I.D. Barb Splicer

PolyBag

Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
222-2	For 1/8" ID Tubing Both Ends	A-82A	17020082	048643163621	1	5	60	1.77
222-3	For 3/16" ID Tubing Both Ends	A-95	17000095	048643070608	1	5	60	1.80
222-4	For 1/4" ID Tubing Both Ends	A-190	17000190	048643071018	1	5	60	2.16
222-5	For 5/16" ID Tubing Both Ends	A-201A	17020201	048643120945	1	5	60	2.83
222-6	For 3/8" ID Tubing Both Ends	A-290	17000290	048643071308	1	5	60	3.12
222-8	For 1/2" ID Tubing Both Ends	A-380	17000380	048643071544	1	5	60	4.05
222-10	For 5/8" ID Tubing Both Ends	A-490	17000490	048643071605	1	5	40	4.46
222-12	For 3/4" ID Tubing Both Ends	A-56SH	16090056	048643926530	1	5	60	8.59



No. 222N Plastic I.D. Barb Splicer

PolyBag

Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
222N-2	For 1/8" ID Tubing Both Ends	A-82	17000082	048643067042	1	5	60	1.41
222N-3	For 3/16" ID Tubing Both Ends	A-93	17000093	048643067080	1	5	60	1.39
222N-4	For 1/4" ID Tubing Both Ends	A-195	17000195	048643067127	1	5	60	1.45
222N-5	For 5/16" ID Tubing Both Ends	A-201	17000201	048643067233	1	5	40	1.11
222N-6	For 3/8" ID Tubing Both Ends	A-292	17000292	048643067349	1	5	60	1.66
222N-8	For 1/2" ID Tubing Both Ends	A-382	17000382	048643067417	1	5	60	1.93
222N-10	For 5/8" ID Tubing Both Ends	A-480	17000480	048643071575	1	5	60	2.12
222N-12	For 3/4" ID Tubing Both Ends	A-585	17000585	048643071681	1	5	60	2.46
222N-16	For 1" ID Tubing Both Ends	A-620	17000620	048643071759	1	5	40	2.19
222N-20	For 1 1/4" ID Tubing Both Ends	A-630	17000630	048643071773	1	2	24	2.93
222N-24	For 1 1/2" ID Tubing Both Ends	A-640	17000640	048643071797	1	2	24	3.05



*A bulk package consists of 100 loose pieces, not 100 bagged units.
 #The inner carton reflects the minimum purchase quantity for that item.
 Orders will be rounded to the nearest inner carton quantity.

No. 222NR Plastic I.D. Barb Reducing Splicer



PolyBag

Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
222NR-10-8	5/8" ID Barb X 1/2" ID Barb	A-479	17000479	048643064720	1	5	40	1.45

No. 224N Plastic I.D. Barb Tee



PolyBag

Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
224N-4	For 1/4" ID Tubing All Ends	A-191	17000191	048643074026	1	5	60	1.52
224N-6	For 3/8" ID Tubing All Ends	A-291	17000291	048643074033	1	5	60	2.03
224N-8	For 1/2" ID Tubing All Ends	A-381	17000381	048643074040	1	5	60	2.15
224N-10	For 5/8" ID Tubing All Ends	A-483	17000483	048643067462	1	5	60	2.54
224N-12	For 3/4" ID Tubing All Ends	A-581	17000581	048643074057	1	5	40	2.41
224N-16	For 1" ID Tubing All Ends	A-621	17000621	048643074064	1	5	60	4.81
224N-20	For 1 1/4" ID Tubing All Ends	A-631	17000631	048643064690	1	2	24	4.31

Bulk Packages

Industry No.	Description/Size	Watts Model	EDP	UPC	*Bulk Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
224N-8	For 1/2" ID Tubing All Ends	A-381BK	17200381	098268392210	100	1	4	12.16

*A bulk package consists of 100 loose pieces, not 100 bagged units.
 #The inner carton reflects the minimum purchase quantity for that item.
 Orders will be rounded to the nearest inner carton quantity.

Hose Barb Fittings

No. 225 Brass Barb I.D. Hose barb to Male Pipe Adaptor

PolyBag

Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
225-2-2	1/8" ID Barb X 1/8" MIP	A-85A	17020085	048643163638	1	5	60	2.50
225-2-4	1/8" ID Barb X 1/4" MIP	A-85	17000085	048643070592	1	5	60	3.19
225-3-2	3/16" ID Barb X 1/8" MIP	A-96A	17020096	048643163652	1	5	60	2.68
225-3-4	3/16" ID Barb X 1/4" MIP	A-96	17000096	048643070615	1	5	60	3.19
225-4-2	1/4" ID Barb X 1/8" MIP	A-192B	17090192	048643163676	1	5	60	2.59
225-4-4	1/4" ID Barb X 1/4" MIP	A-192	17000192	048643071025	1	5	60	3.32
225-4-6	1/4" ID Barb X 3/8" MIP	A-193	17000193	048643067219	1	5	60	4.60
225-4-8	1/4" ID Barb X 1/2" MIP	A-193C	17010193	048643125247	1	5	60	5.37
225-5-2	5/16" ID Barb X 1/8" MIP	A-200A	17020200	048643168091	1	5	60	2.18
225-5-4	5/16" ID Barb X 1/4" MIP	A-201B	17090201	048643120952	1	5	60	4.07
225-5-6	5/16" ID Barb X 3/8" MIP	A-277SH	16090077	048643117211	1	5	60	4.83
225-6-2	3/8" ID Barb X 1/8" MIP	A-280SH	16090080	048643117228	1	5	60	2.52
225-6-4	3/8" ID Barb X 1/4" MIP	A-293	17000293	048643074491	1	5	60	3.61
225-6-6	3/8" ID Barb X 3/8" MIP	A-294	17000294	048643071315	1	5	60	4.75
225-6-8	3/8" ID Barb X 1/2" MIP	A-300A	17020300	048643125186	1	5	60	5.77
225-8-4	1/2" ID Barb X 1/4" MIP	A-300SH	16090090	048643117273	1	5	60	4.06
225-8-6	1/2" ID Barb X 3/8" MIP	A-385A	17020385	048643125179	1	5	60	5.75
225-8-8	1/2" ID Barb X 1/2" MIP	A-385	17000385	048643071551	1	5	60	6.23
225-8-12	1/2" ID Barb X 3/4" MIP	A-385SH	16090093	048643117297	1	5	60	10.17
225-10-6	5/8" ID Barb X 3/8" MIP	A-386SH	16090094	048643117303	1	5	60	5.21
225-10-8	5/8" ID Barb X 1/2" MIP	A-493	17000493	048643074507	1	5	60	6.84
225-10-12	5/8" ID Barb X 3/4" MIP	A-495	17000495	048643071612	1	5	60	10.30
225-12-8	3/4" ID Barb X 1/2" MIP	A-100SH	16090100	048643117327	1	5	60	10.31
225-12-12	3/4" ID Barb X 3/4" MIP	A-102SH	16090102	048643117334	1	5	60	10.39



Bulk Packages

Industry No.	Description/Size	Watts Model	EDP	UPC	*Bulk Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
225-4-2	1/4" ID Barb X 1/8" MIP	A-192BBK	17210157	098268392708	100	1	4	14.08
225-4-4	1/4" ID Barb X 1/4" MIP	A-192BK	17200192	098268391695	100	1	4	18.72
225-6-4	3/8" ID Barb X 1/4" MIP	A-293BK	17200293	098268391992	100	1	1	5.40
225-6-6	3/8" ID Barb X 3/8" MIP	A-294BK	17200294	098268392005	100	1	1	7.00
225-8-8	1/2" ID Barb X 1/2" MIP	A-385BK	17200385	098268392227	100	1	1	9.76
225-10-6	5/8" ID Barb X 3/8" MIP	SH-94BK	17210637	098268392951	100	1	1	8.68
225-10-8	5/8" ID Barb X 1/2" MIP	A-493BK	17200493	098268392258	100	1	1	10.84
225-10-12	5/8" ID Barb X 3/4" MIP	A-495BK	17200495	098268392265	100	1	1	16.72
225-12-8	3/4" ID Barb X 1/2" MIP	SH-100BK	17220318	098268392968	100	1	1	9.16

*A bulk package consists of 100 loose pieces, not 100 bagged units.
 #The inner carton reflects the minimum purchase quantity for that item.
 Orders will be rounded to the nearest inner carton quantity.

Hose Barb Fittings

No. 225N Plastic I.D. Barb to Male Pipe Adaptor

PolyBag



Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
225N-4-8	1/4" ID Barb X 1/2" MIP	A-193B	17090193	048643123595	1	5	60	2.12
225N-6-4	3/8" ID Barb X 1/4" MIP	A-292B	17090292	048643142480	1	5	60	1.84
225N-6-6	3/8" ID Barb X 3/8" MIP	A-292C	17010292	048643142497	1	5	60	1.97
225N-6-8	3/8" ID Barb X 1/2" MIP	A-300	17000300	048643067356	1	5	60	2.19
225N-8-6	1/2" ID Barb X 3/8" MIP	A-387A	17020387	048643125209	1	5	60	2.17
225N-8-8	1/2" ID Barb X 1/2" MIP	A-387	17000387	048643067424	1	5	60	2.25
225N-8-12	1/2" ID Barb X 3/4" MIP	A-388	17000388	048643067431	1	5	40	5.25
225N-10-8	5/8" ID Barb X 1/2" MIP	A-488	17000488	048643067479	1	5	60	2.41
225N-10-12	5/8" ID Barb X 3/4" MIP	A-489	17000489	048643067486	1	5	60	2.68
225N-12-8	3/4" ID Barb X 1/2" MIP	A-589	17000589	048643073524	1	5	60	2.51
225N-12-12	3/4" ID Barb X 3/4" MIP	A-590	17000590	048643071698	1	5	60	2.57
225N-16-12	1" ID Barb X 3/4" MIP	A-625	17000625	048643071766	1	5	40	2.10
225N-20-16	1 1/4" ID Barb X 1" MIP	A-635	17000635	048643071780	1	2	16	1.68
225N-20-20	1 1/4" ID Barb X 1 1/4" MIP	A-635A	17020635	048643178151	1	2	24	2.94
225N-24-24	1 1/2" ID Barb X 1 1/2" MIP	A-645	17000645	048643071803	1	2	24	3.45

Bulk Packages

Industry No.	Description/Size	Watts Model	EDP	UPC	*Bulk Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
225N-6-6	3/8" ID Barb X 3/8" MIP	A-292CBK	17210192	098268392838	100	1	4	9.76

No. 225-G Brass I.D. Hose Barb to Male Hose Adaptor

PolyBag



Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
225G-8-12	1/2" ID Barb X 3/4" Male Hose Thread	A-396	17000396	048643069787	1	5	40	6.88
225G-10-12	5/8" ID Barb X 3/4" Male Hose Thread	A-491	17000491	048643069794	1	5	20	3.63
225G-12-12	3/4" ID Barb X 3/4" Male Hose Thread	A-592	17000592	048643069800	1	5	60	10.44

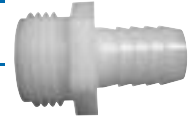
*A bulk package consists of 100 loose pieces, not 100 bagged units.
 #The inner carton reflects the minimum purchase quantity for that item.
 Orders will be rounded to the nearest inner carton quantity.

Hose Barb Fittings

No. 225GN Plastic Barb I.D. to Male Hose Adaptor

PolyBag

Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
225GN-8-12	1/2" ID Barb X 3/4" Male Hose Thread	A-386	17000386	048643064867	1	5	40	1.73
225GN-12-12	3/4" ID Barb X 3/4" Male Hose Thread	A-591	17000591	048643064874	1	5	40	1.81



No. 225-SW Brass I.D. Hose Barb to Male Pipe Swivel Adaptor

PolyBag

Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
225SW-4-4	1/4" ID Barb X 1/4" MIP	A-192S	17050192	048643069763	1	5	60	4.91
225SW-6-6	3/8" ID Barb X 3/8" MIP	A-294S	17050294	048643069770	1	5	60	6.43



No. 226 Brass I.D. Hose Barb to Female Pipe Adaptor

PolyBag

Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
226-2-2	1/8" ID Barb X 1/8" FIP	A-86B	17090086	048643163645	1	5	60	2.57
226-2-4	1/8" ID Barb X 1/4" FIP	A-86	17000086	048643067028	1	5	40	2.25
226-3-2	3/16" ID Barb X 1/8" FIP	A-97A	17020097	048643163669	1	5	60	2.76
226-3-4	3/16" ID Barb X 1/4" FIP	A-97	17000097	048643067103	1	5	60	4.04
226-4-2	1/4" ID Barb X 1/8" FIP	A-197A	17020197	048643163683	1	5	60	2.80
226-4-4	1/4" ID Barb X 1/4" FIP	A-197	17000197	048643071032	1	5	60	3.53
226-4-6	1/4" ID Barb X 3/8" FIP	A-197B	17090197	048643163690	1	5	60	4.28
226-5-4	5/16" ID Barb X 1/4" FIP	A-201F	17030201	048643163706	1	5	60	3.80
226-6-2	3/8" ID Barb X 1/8" FIP	A-298A	17020298	048643163713	1	5	60	3.93
226-6-4	3/8" ID Barb X 1/4" FIP	A-298B	17090298	048643163720	1	5	60	4.06
226-6-6	3/8" ID Barb X 3/8" FIP	A-298	17000298	048643071322	1	5	60	4.79
226-6-8	3/8" ID Barb X 1/2" FIP	A-298C	17010298	048643163737	1	5	60	5.45
226-8-4	1/2" ID Barb X 1/4" FIP	A-390A	17020390	048643163744	1	5	60	4.82
226-8-6	1/2" ID Barb X 3/8" FIP	A-390B	17090390	048643163751	1	5	60	5.43
226-8-8	1/2" ID Barb X 1/2" FIP	A-390	17000390	048643071568	1	5	60	6.04



Bulk Packages

Industry No.	Description/Size	Watts Model	EDP	UPC	*Bulk Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
226-4-2	1/4" ID Barb X 1/8" FIP	A-197ABK	17210163	098268392753	100	1	4	16.32
226-6-6	3/8" ID Barb X 3/8" FIP	A-298BK	17200298	098268392012	100	1	1	7.08

*A bulk package consists of 100 loose pieces, not 100 bagged units.
 #The inner carton reflects the minimum purchase quantity for that item.
 Orders will be rounded to the nearest inner carton quantity.

No. 227N Plastic I.D. Barb Elbow

PolyBag



Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
227N-4	For 1/4" ID Tubing Both Ends	A-196	17000196	048643067134	1	5	60	1.55
227N-6	For 3/8" ID Tubing Both Ends	A-301	17000301	048643067363	1	5	60	1.76
227N-8	For 1/2" ID Tubing Both Ends	A-392	17000392	048643067448	1	5	60	2.18
227N-10	For 5/8" ID Tubing Both Ends	A-496	17000496	048643067493	1	5	60	1.98
227N-12	For 3/4" ID Tubing Both Ends	A-596	17000596	048643067516	1	5	60	2.77

No. 229 Brass I.D. Hose Barb to Male Pipe Elbow

PolyBag



Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
229-4-4	1/4" ID Barb X 1/4" MIP	SH-152	16090152	048643117372	1	5	60	4.65
229-6-2	3/8" ID Barb X 1/8" MIP	SH-160	16090160	048643117419	1	5	60	3.86
229-6-4	3/8" ID Barb X 1/4" MIP	SH-161	16090161	048643117426	1	5	60	4.03
229-6-6	3/8" ID Barb X 3/8" MIP	SH-162	16090162	048643117433	1	5	60	5.04
229-6-8	3/8" ID Barb X 1/2" MIP	SH-163	16090163	048643117440	1	5	60	6.46
229-8-6	1/2" ID Barb X 3/8" MIP	SH-172	16090172	048643117464	1	5	60	6.62

Bulk Packages

Industry No.	Description/Size	Watts Model	EDP	UPC	*Bulk Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
229-6-8	3/8" ID Barb X 1/2" MIP	SH-163BK	17220455	098268392975	100	1	1	10.76

*A bulk package consists of 100 loose pieces, not 100 bagged units.
 #The inner carton reflects the minimum purchase quantity for that item.
 Orders will be rounded to the nearest inner carton quantity.

Hose Barb Fittings

No. 229N Plastic I.D. Barb to Male Pipe Elbow

PolyBag

Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
229N-2-2	1/8" ID Barb X 1/8" MIP	A-87	17000087	048643067004	1	5	60	1.46
229N-4-4	1/4" ID Barb X 1/4" MIP	A-199	17000199	048643064737	1	5	40	1.35
229N-6-4	3/8" ID Barb X 1/4" MIP	A-295	17000295	048643064744	1	5	40	1.46
229N-6-8	3/8" ID Barb X 1/2" MIP	A-296	17000296	048643064751	1	5	40	1.72
229N-8-8	1/2" ID Barb X 1/2" MIP	A-394	17000394	048643064768	1	5	60	2.50
229N-8-12	1/2" ID Barb X 3/4" MIP	A-395	17000395	048643064799	1	5	20	0.98
229N-10-8	5/8" ID Barb X 1/2" MIP	A-497	17000497	048643064775	1	5	60	3.09
229N-10-12	5/8" ID Barb X 3/4" MIP	A-498	17000498	048643064805	1	5	60	3.30
229N-12-8	3/4" ID Barb X 1/2" MIP	A-594	17000594	048643064782	1	5	60	3.30
229N-12-12	3/4" ID Barb X 3/4" MIP	A-595	17000595	048643064812	1	5	60	3.31
229N-16-20	1" ID Barb X 1 1/4" MIP	A-627	17000627	048643064829	1	5	60	7.21
229N-20-20	1 1/4" ID Barb X 1 1/4" MIP	A-638	17000638	048643064836	1	2	24	3.92
229N-24-24	1 1/2" ID Barb X 1 1/2" MIP	A-647	17000647	048643064843	1	2	24	5.38



No. 281 Brass O.D. Hose Barb Tee

PolyBag

Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
281-6	For 3/8" OD Tubing 3 Ends	SH-190	16090190	048643158535	1	5	60	2.26



No. 232 Brass I.D. Hose Barb to Female Pipe Swivel Adaptor (gasket seal)

PolyBag

Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
232-6-6	3/8" ID Barb X 3/8" FIP	A-298S	17050298	048643069879	1	5	60	5.19



No. 233 Brass I.D. Hose Barb to Female Pipe Ball Swivel Adaptor

PolyBag

Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
233-4-4	1/4" ID Barb X 1/4" FIP	A-194	17000194	048643067226	1	5	60	1.05



Information

Watts Garden Hose Fittings are ideal for use with any standard garden hose ($\frac{3}{4}$ "). Many garden hose fittings are offered in standard adaptor and connector styles as well as a swivel model. The swivel garden hose fittings allow the hose to spin freely of the threaded connection and prevent accidental disconnection as well as hose binding and kinking issues.

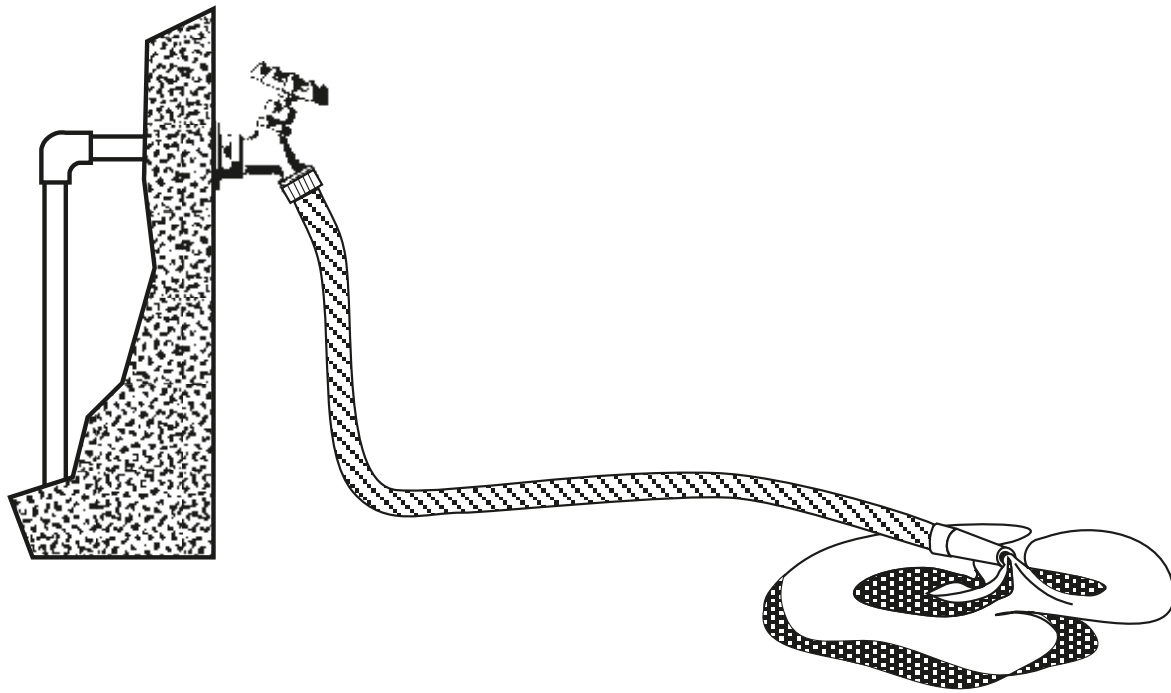
Installation instructions

Thread the male end connection onto the female threaded fitting until a hand tight connection is made. Do not over tighten.

Specifications

Temperature: -35°F to 100°F

Working Pressure: 75psi. Do not exceed the recommended pressure rating of the garden hose.



No. GH1 Zinc Female Hose to Brass Female Pipe Swivel

PolyBag

Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
GH1-12-8	3/4" Female Hose Thread X 1/2" FIP	A-660	17000660	048643071834	1	5	60	7.70
GH1-12-12	3/4" Female Hose Thread X 3/4" FIP	A-661	17000661	048643071841	1	5	60	10.56



Bulk Packages

Industry No.	Description/Size	Watts Model	EDP	UPC	*Bulk Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
GH1-12-8	3/4" Female Hose Thread X 1/2" FIP	A-660BK	17200660	098268392302	100	1	1	11.92
GH1-12-12	3/4" Female Hose Thread X 3/4" FIP	A-661BK	17200661	098268392319	100	1	1	15.56

No. GH1-M Machined Brass Female Hose to Brass Female Pipe Swivel

PolyBag

Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
GH1-M-12-12	3/4" Female Hose Thread X 3/4" FIP	A-661M	17070661	048643191686	1	5	60	9.02



No. GH2 Zinc Female Hose to Female Hose Swivel

PolyBag

Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
GH2-12	3/4" Female Hose Thread Both Ends	A-662	17000662	048643071858	1	5	60	9.29



Bulk Packages

Industry No.	Description/Size	Watts Model	EDP	UPC	*Bulk Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
GH2-12	3/4" Female Hose Thread Both Ends	A-662BK	17200662	098268392326	100	1	1	14.52

*A bulk package consists of 100 loose pieces, not 100 bagged units.
#The inner carton reflects the minimum purchase quantity for that item.
Orders will be rounded to the nearest inner carton quantity.

No. GH2-M Brass Machined Female Hose to Female Hose Swivel

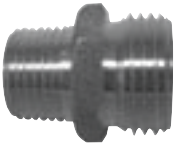
PolyBag



Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
GH2-M-12	3/4" Female Hose Thread Both Ends	AH-3M	16091003	048643185722	1	5	60	9.02

No. GH3 Brass Male Hose to Male Pipe Adaptor

PolyBag



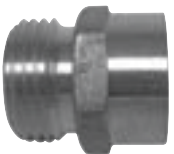
Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
GH3-12-8	3/4" Male Hose Thread X 1/2" MIP	A-663	17000663	048643071865	1	5	60	8.90
GH3-12-12-8	3/4" Male Hose Thread X 3/4" MIP (tapped 1/2" FIP)	A-665	17000665	048643071872	1	5	60	10.50

Bulk Packages

Industry No.	Description/Size	Watts Model	EDP	UPC	*Bulk Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
GH3-12-8	3/4" Male Hose Thread X 1/2" MIP	A-663BK	17200663	098268392333	100	1	1	14.04
GH3-12-12-8	3/4" Male Hose Thread X 3/4" MIP (tapped 1/2" FIP)	A-665BK	17200665	098268392340	100	1	1	16.68

No. GH4 Brass Male Hose to Female Pipe Adaptor

PolyBag



Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
GH4-12-8	3/4" Male Hose Thread X 1/2" FIP	A-668	17000668	048643071889	1	5	60	6.48
GH4-12-12	3/4" Male Hose Thread X 3/4" FIP	A-669	17000669	048643071896	1	5	60	8.07

*A bulk package consists of 100 loose pieces, not 100 bagged units.
 #The inner carton reflects the minimum purchase quantity for that item.
 Orders will be rounded to the nearest inner carton quantity.

No. GHR-4 Tube to Female Hose Swivel Adaptor

PolyBag

Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
GHR4-12-4	3/4" Female Hose Thread X 1/4" Compression	A-696	17000696	048643068001	1	5	120	11.18



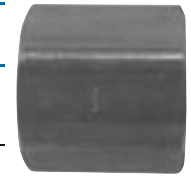
Bulk Packages

Industry No.	Description/Size	Watts Model	EDP	UPC	*Bulk Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
GHR4-12-4	3/4" Female Hose Thread X 1/4" Compression	A-696BK	17200696	098268392364	100	1	1	9.00

No. GH5 Brass Female Hose to Female Pipe Adaptor

PolyBag

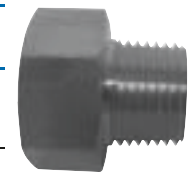
Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
GH5-12-8	3/4" Female Hose Thread X 1/2" FIP	A-672	17000672	048643071902	1	5	60	7.43
GH5-12-12	3/4" Female Hose Thread X 3/4" FIP	A-673	17000673	048643071919	1	5	40	5.75



No. GH6 Brass Female Hose to Male Pipe Adaptor

PolyBag

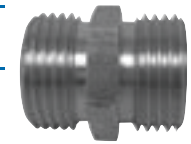
Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
GH6-12-8	3/4" Female Hose Thread X 1/2" MIP	A-677	17000677	048643071926	1	5	60	7.19
GH6-12-12-8	3/4" Female Hose Thread X 3/4" MIP (tapped 1/2" FIP)	A-679	17000679	048643071933	1	5	60	8.91



No. GH7 Brass Male Hose to Male Hose Adaptor

PolyBag

Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
GH7-12	3/4" Male Hose Thread Both Ends	A-680	17000680	048643071940	1	5	60	10.38



*A bulk package consists of 100 loose pieces, not 100 bagged units.
#The inner carton reflects the minimum purchase quantity for that item.
Orders will be rounded to the nearest inner carton quantity.

No. GH10 Brass Stamped Female Hose Nut to Machined Hose Barb Swivel

PolyBag



Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
GH10-12-6	3/4" Female Hose Thread X 3/8" ID Barb	A-683	17000683	048643074736	1	5	60	5.54
GH10-12-8	3/4" Female Hose Thread X 1/2" ID Barb	A-684	17000684	048643074743	1	5	40	4.06

Bulk Packages

Industry No.	Description/Size	Watts Model	EDP	UPC	*Bulk Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
GH10-12-6	3/4" Female Hose Thread X 3/8" ID Barb	A-683BK	17200683	098268392357	100	1	1	8.52

No. GH10G Brass Machined Female Hose Nut to Hose Barb

PolyBag



Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
GH10G-8-12	1/2" Female Hose Thread X 3/4" ID Barb	A-397	17000397	048643069817	1	5	40	4.99
GH10G-10-12	5/8" Female Hose Thread X 3/4" ID Barb	A-492	17000492	048643069824	1	5	40	5.36
GH10G-12-12	3/4" Female Hose Thread X 3/4" ID Barb	A-593	17000593	048643069831	1	5	40	5.55

No. GH10N Plastic Female Hose Nut

PolyBag



Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
GH10N-10-12	5/8" Female Hose Thread X 3/4" ID Barb	A-486	17000486	048643071599	1	5	20	0.96

*A bulk package consists of 100 loose pieces, not 100 bagged units.
 #The inner carton reflects the minimum purchase quantity for that item.
 Orders will be rounded to the nearest inner carton quantity.

No. GH11 Brass Hose Cap

PolyBag

Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
GH11-12	3/4" Female Hose Thread	SH-30	16090030	048643090613	1	5	60	3.78

Bulk Packages

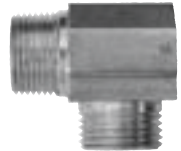
Industry No.	Description/Size	Watts Model	EDP	UPC	*Bulk Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
GH11-12	3/4" Female Hose Thread	SH-30BK	17210635	098268392944	100	1	1	5.24



No. GH14 Brass Male Hose to Male Pipe Elbow

PolyBag

Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
GH14-12-12	3/4" Male Hose Thread X 3/4" MIP	A-688	17000688	048643067806	1	5	20	4.76



No. GH23 Brass Female Hose to Female Hose Adaptor

PolyBag

Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
GH23-12	3/4" Female Hose Thread Both Ends	SH-48	16090048	048643926547	1	5	60	8.93



No. GHC Female Hose to Female Pipe Adaptor

PolyBag

Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
GHC-12-2	3/4" Female Hose Thread X 1/8" FIP	A-692	17000692	048643067790	1	5	20	1.91



*A bulk package consists of 100 loose pieces, not 100 bagged units.
#The inner carton reflects the minimum purchase quantity for that item.
Orders will be rounded to the nearest inner carton quantity.

No. GHY Brass 3-Way Hose Wye

PolyBag



Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
PBGHY-B-12	3/4" Male Hose Thread Outlets (2) - 3/4" Thread Inlet (1) Female Hose	A-695	17000695	048643071964	1	5	20	6.37

*A bulk package consists of 100 loose pieces, not 100 bagged units.
 #The inner carton reflects the minimum purchase quantity for that item.
 Orders will be rounded to the nearest inner carton quantity.

No. TS Copper Plated Steel Tubing Strap

PolyBag

Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
TS-8	For 1/2" OD Tubing	A-333	17000333	048643065130	3	5	20	1.36



No. PTC Easy Clamp

PolyBag

Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
PTC-4	For 1/4" OD Tubing	A-88	17000088	048643074989	2	5	60	1.36
PTC-5	For 5/16" OD Tubing	A-98	17000098	048643066700	2	5	60	1.71
PTC-6	For 3/8" OD Tubing	A-198	17000198	048643074996	2	5	60	1.47
PTC-8	For 1/2" OD Tubing	A-299	17000299	048643064881	2	5	60	1.72
PTC-10	For 5/8" OD Tubing	A-399	17000399	048643064898	2	5	40	1.34
PTC-12	For 3/4" OD Tubing	A-499	17000499	048643065116	2	10	120	3.03
PTC-14	For 7/8" OD Tubing	A-599	17000599	048643064904	2	10	120	4.19



Bulk Packages

Industry No.	Description/Size	Watts Model	EDP	UPC	*Bulk Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
PTC-6	For 3/8" OD Tubing	A-198BK	17200198	098268391701	100	1	25	21.50
PTC-10	For 5/8" OD Tubing	A-399BK	17200399	098268392234	100	1	25	29.50

No. STC Marine Grade Stainless Steel 1/2" Screw Clamp

PolyBag

Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
STC-804	For 1/4" - 5/8" OD Tubing	A-1010	17001010	048643101555	2	10	120	4.45
STC-806	For 5/16" - 7/8" OD Tubing	A-1011	17001011	048643101562	2	10	120	10.42
STC-806	For 5/16" - 7/8" OD Tubing	A-1011C	17011011	048643179790	10	5	60	23.63
STC-808	For 1/2" - 1" OD Tubing	A-1012	17001012	048643101579	2	10	60	24.83
STC-812	For 5/8" - 1 1/4" OD Tubing	A-1013	17001013	048643101586	2	10	120	11.68
STC-816	For 5/8" - 1 1/2" OD Tubing	A-1014	17001014	048643101593	2	10	120	12.37
STC-824	For 1" - 2" OD Tubing	A-1015	17001015	048643101609	2	10	60	7.29
STC-824	For 1" - 2" OD Tubing	A-1015C	17011015	048643179806	10	N/A	5	2.66
STC-836	For 1 3/4" - 2 3/4" OD Tubing	A-1016	17001016	048643101616	2	10	60	7.91
STC-836	For 1 3/4" - 2 3/4" OD Tubing	A-1016C	17011016	048643179813	10	N/A	5	3.05
STC-840	For 2" - 3" OD Tubing	A-1016A	17021016	048643179820	2	10	60	8.26
STC-856	For 3" - 4" OD Tubing	A-1017	17001017	048643101623	1	5	60	5.99
STC-888	For 4 1/4" - 6" OD Tubing	A-1019	17001019	048643101647	1	10	60	6.04



*A bulk package consists of 100 loose pieces, not 100 bagged units.
 #The inner carton reflects the minimum purchase quantity for that item.
 Orders will be rounded to the nearest inner carton quantity.

No. STC Marine Grade Stainless Steel 5/16" Screw Clamp

PolyBag



Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
STC-04	For 1/4"-5/8" OD Tubing	A-1000	17001000	048643093003	2	5	60	2.28
STC-06	For 5/16"-7/8" OD Tubing	A-1001	17001001	048643093010	2	5	60	2.50
STC-08	For 1/2"-1" OD Tubing	A-1002	17001002	048643093034	2	25	150	27.78
STC-12	For 5/8"-1 1/4" OD Tubing	A-1003	17001003	048643093027	2	25	150	5.80
STC-16	For 5/8"-1 1/2" OD Tubing	A-1004	17001004	048643093041	2	25	150	6.96
STC-24	For 1"-2" OD Tubing	A-1005	17001005	048643093058	2	5	60	2.92
STC-36	For 1 3/4"-2 3/4" OD Tubing	A-1006	17001006	048643093065	2	5	60	3.87
STC-56	For 3"-4" OD Tubing	A-1007	17001007	048643093072	2	1	25	1.13
STC-72	For 3 1/8"-5" OD Tubing	A-1008	17001008	048643093089	2	10	60	5.44
STC-88	For 4 1/4"-6" OD Tubing	A-1009	17001009	048643093096	2	10	60	6.55

No. BCS Brass Crimp Sleeve

PolyBag



Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
625	.625" ID	A-2625	17002625	048643167391	2	10	120	5.05

No. PHC Hose Cuffs

PolyBag



Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
PHC-20	For 1 1/4" OD Tubing	A-639	17000639	048643065093	1	2	24	3.67
PHC-24	For 1 1/2" OD Tubing	A-649	17000649	048643065109	1	2	24	5.60

*A bulk package consists of 100 loose pieces, not 100 bagged units.
 #The inner carton reflects the minimum purchase quantity for that item.
 Orders will be rounded to the nearest inner carton quantity.

No. 9106-C Ander-Lign Tube to Tube Straight Needle Valve with Insert

PolyBag

Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
9106-C-4	For 1/4" OD Tubing Both Ends	SA-630	16010630	048643113114	1	5	60	6.52
9106-C-6	For 3/8" OD Tubing Both Ends	SA-632	16010632	048643117792	1	5	60	10.85



No. 106-C Tube to Tube Straight Needle Valve

PolyBag

Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
106-C-4	For 1/4" OD Tubing Both Ends	SC-635	16040635	048643090330	1	5	60	6.51
106-C-6	For 3/8" OD Tubing Both Ends	SC-637	16040637	048643090347	1	5	60	10.48



Bulk Packages

Industry No.	Description/Size	Watts Model	EDP	UPC	*Bulk Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
106-C-4	For 1/4" OD Tubing Both Ends	SC-635BK	17210299	098268392944	100	1	1	9.96
106-C-6	For 3/8" OD Tubing Both Ends	SC-637BK	17210302	098268392951	100	1	1	17.08

No. 9106-CP Ander-Lign Poly Tube to Tube Straight Needle Valve with Insert

PolyBag

Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
9106-CP-4	For 1/4" OD Tubing Both Ends	A-42	17000042	048643070509	1	5	60	6.56
9106-CP-6	For 3/8" OD Tubing Both Ends	A-140	17000140	048643070837	1	5	60	11.18



*A bulk package consists of 100 loose pieces, not 100 bagged units.
 #The inner carton reflects the minimum purchase quantity for that item.
 Orders will be rounded to the nearest inner carton quantity.

No. 9101-C Ander-Lign Tube to Male Pipe Straight Needle Valve

PolyBag



Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
9101-C-4-2	1/4" OD Comp. X 1/8" MIP	SA-620	16010620	048643113046	1	5	60	5.73
9101-C-4-4	1/4" OD Comp. X 1/4" MIP	SA-621	16010621	048643113053	1	5	60	5.70

No. 101-C Tube to Male Pipe Straight Needle Valve

PolyBag



Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
101-C-4-2	1/4" OD Comp. X 1/8" MIP	SC-620	16040620	048643010222	1	5	60	5.18
101-C-4-4	1/4" OD Comp. X 1/4" MIP	SC-621	16040621	048643150294	1	5	60	6.65

Bulk Packages

Industry No.	Description/Size	Watts Model	EDP	UPC	*Bulk Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
101-C-4-2	1/4" OD Comp. X 1/8" MIP	SC-620BK	17210282	098268392913	100	1	1	8.64

No. 9101-CP Ander-Lign Poly Tube to Male Pipe Straight Needle Valve with Insert

PolyBag



Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
9101-CP-4-2	1/4" OD Comp. X 1/8" MIP	A-40	17000040	048643070486	1	5	40	4.01

No. 9103-C Ander-Lign Tube to Male Pipe Angle Needle Valve

PolyBag



Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
9103-C-4-2	1/4" OD Comp. X 1/8" MIP	SA-623	16010623	048643113077	1	5	60	5.47
9103-C-4-4	1/4" OD Comp. X 1/4" MIP	SA-624	16010624	048643113084	1	5	60	7.15

*A bulk package consists of 100 loose pieces, not 100 bagged units.
 #The inner carton reflects the minimum purchase quantity for that item.
 Orders will be rounded to the nearest inner carton quantity.

No. 103-C Tube to Male Pipe Angle Needle Valve

PolyBag

Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
103-C-4-2	1/4" OD Comp. X 1/8" MIP	SC-624	16040624	048643090323	1	5	60	5.49
103-C-4-4	1/4" OD Comp. X 1/4" MIP	SC-625	16040625	048643150287	1	5	60	7.03

Bulk Packages

Industry No.	Description/Size	Watts Model	EDP	UPC	*Bulk Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
103-C-4-2	1/4" OD Comp. X 1/8" MIP	SC-624BK	17210292	098268392937	100	1	1	8.12



No. 9103-CP Ander-Lign Poly Tube to Male Pipe Angle Needle Valve

PolyBag

Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
9103-CP-4-2	1/4" OD Comp. X 1/8" MIP	A-41	17000041	048643070493	1	5	60	5.43



No. 130-P Female Pipe to Female Pipe Straight Needle Valve

PolyBag

Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
130-P-2	1/8" FIP Both Ends	SC-639A	16041639	048643179325	1	5	60	7.50
130-P-4	1/4" FIP Both Ends	SC-639	16040639	048643177741	1	5	60	8.50



No. 162-SV Brass Fine Thread Flare to Female Pipe Space Heater Valve

PolyBag

Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
162-SV-6-8	3/8" Fine Thread Flare X 1/2" FIP	A-189A	17020189	048643154988	1	5	20	7.30



*A bulk package consists of 100 loose pieces, not 100 bagged units.
 #The inner carton reflects the minimum purchase quantity for that item.
 Orders will be rounded to the nearest inner carton quantity.

No. 104-C Brass Tube to Pipe Saddle Valve



PolyBag

Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
104-C-4	1/4" OD Comp. X 1/2" or 3/4" Pipe	SC-623	16040623	048643117662	1	5	60	13.47

Bulk Packages

Industry No.	Description/Size	Watts Model	EDP	UPC	*Bulk Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
104-C-4	1/4" OD Comp. X 1/2" or 3/4" Pipe	SC-623BK	17210283	098268392920	100	1	1	20.44

No. 9604-CP Ander-Lign Poly Tube to Pipe Saddle Valve with Insert



PolyBag

Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
9604-CP-4	1/4" OD Comp. X 1/2", 3/4", or 1" Pipe	A-50	17000050	048643070516	1	5	60	13.26
9604-CP-6	3/8" OD Comp. X 1/2", 3/4", or 1" Pipe	A-141	17000141	048643067158	1	5	40	10.74

*A bulk package consists of 100 loose pieces, not 100 bagged units.
 #The inner carton reflects the minimum purchase quantity for that item.
 Orders will be rounded to the nearest inner carton quantity.

Information

Watts offers a variety of shutoff cocks for use with low pressure applications including water, gas, fluids, and air.

Installation instructions

Installation will vary depending on the type of shutoff valves and the connection. For installation instructions regarding the connection points please refer to the catalog section for the type of fitting used on that connection point.

Specifications

Temperature: Please refer to the temperature ratings on the type of tubing used for the application.

Working Pressure: Drain cocks have a maximum working pressure of 150psi and ground plug type Shutoffs have a maximum working pressure of 30psi.

No. 320-C Tee Handle Back Seating Drain Cock

PolyBag



Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
320-C-2	1/8" MIP	A-2091	17002091	048643068858	1	5	60	2.94
320-C-4	1/4" MIP	A-2090	17002090	048643068841	1	5	60	3.99

No. 58-C Tube to Tube Shutoff Cock

PolyBag



Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
58-C-6	For 3/8" OD Tubing Both Ends	A-142	17000142	048643067196	1	5	20	3.77

No. 958-C Ander-Lign Tube to Tube Shutoff Cock

PolyBag



Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
958-C-4	For 1/4" OD Tubing Both Ends	SA-610	16010610	048643113008	1	5	60	10.26

No. 57-C Tube to Male Pipe Shutoff Cock

PolyBag



Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
57-C-6-6	3/8" OD Comp. X 3/8" MIP	A-143	17000143	048643067202	1	5	60	17.68

No. 79-P Female Pipe to Male Pipe Shutoff Cock

PolyBag



Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
79-P-4-4	1/4" FIP X 1/4" MIP	SP-707	16060707	048643010291	1	5	60	12.17

*A bulk package consists of 100 loose pieces, not 100 bagged units.
 #The inner carton reflects the minimum purchase quantity for that item.
 Orders will be rounded to the nearest inner carton quantity.

No. 80-P Female Pipe to Female Pipe Shutoff Cock

PolyBag

Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
80-P-2	1/8" FIP Both Ends	SP-711	16060711	048643010253	1	5	60	15.26
80-P-4	1/4" FIP Both Ends	SP-712	16060712	048643010260	1	5	60	12.08



No. 28-SAE Flare to Flare Shutoff Cock

PolyBag

Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
28-SAE-6	3/8" Flare Both Ends	A-188	17000188	048643070998	1	5	40	7.34
28-SAE-8	1/2" Flare Both Ends	A-286	17000286	048643067301	1	5	60	18.23



No. 161-SAE Flare to Female Pipe Shutoff Cock

PolyBag

Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
161-SAE-6-8	3/8" Flare X 1/2" FIP	A-189	17000189	048643071001	1	5	20	7.67
161-SAE-8-8	1/2" Flare X 1/2" FIP	A-285	17000285	048643071292	1	5	20	8.13



*A bulk package consists of 100 loose pieces, not 100 bagged units.
 #The inner carton reflects the minimum purchase quantity for that item.
 Orders will be rounded to the nearest inner carton quantity.

Dielectric Unions

No. 204 Female Pipe to Sweat Dielectric Union

PolyBag



Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
204-8-8	1/2" FIP X 1/2" Sweat	A-850	17000850	048643072732	1	5	40	14.00
204-12-8	3/4" FIP X 1/2" Sweat	A-895	17000895	048643072930	1	5	20	9.48
204-12-12	3/4" FIP X 3/4" Sweat	A-896	17000896	048643072947	1	5	60	27.58

No. 204M Male Pipe to Sweat Dielectric Union

PolyBag



Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
204M-12-8	3/4" MIP X 1/2" Sweat	A-895A	17020895	048643154476	1	5	20	14.52
204M-12-12	3/4" MIP X 3/4" Sweat	A-852	17000852	048643126824	1	5	60	36.61

Water Meter Adaptor

No. 304 Two Piece Water Meter Adaptor with Washers

PolyBag



Industry No.	Description/Size	Watts Model	EDP	UPC	Bag Qty	#Inner Carton Qty	Master Carton Qty.	Master Carton Weight
304-16-12	1" FIP X 3/4" MIP	A-907	17000907	048643129245	1	2	24	12.46

*A bulk package consists of 100 loose pieces, not 100 bagged units.
 #The inner carton reflects the minimum purchase quantity for that item.
 Orders will be rounded to the nearest inner carton quantity.



Index by Model

Model #	Industry No.	Page	Model #	Industry No.	Page	Model #	Industry No.	Page	Model #	Industry No.	Page	Model #	Industry No.	Page
A-1	60-PT-4	5	A-14BK	965-4	12	A-197B	226-4-6	53	A-269	42-8	22	A-319	966-10-8	13
A-10	962-4	8	A-15	966-4-2	13	A-197SF	41-IN-6	29	A-269BK	42-8	22	A-319BK	966-10-8	13
A-1000	STC-04	64	A-154	6280-4-6	31	A-198	PTC-6	63	A-269C	42-8	22	A-319SC	64-R-10-10-8	12
A-1001	STC-06	64	A-154BK	6280-4-6	31	A-198BK	PTC-6	63	A-271	44-8	22	A-319SCBK	64-R-10-10-8	12
A-1002	STC-08	64	A-155	6240-6-6	10	A-199	229N-4-4	55	A-271BK	44-8	22	A-319ASF	44-R-10-10-8	23
A-1003	STC-12	64	A-155BK	6240-6-6	10	A-19BK	966-4-8	13	A-272	55-8	26	A-319SF	44-R-10-10-6	23
A-1004	STC-16	64	A-156	6280-6-6	31	A-19SF	40-C-5	21	A-273	46-8-8	23	A-320	966-10-12	13
A-1005	STC-24	64	A-156BK	6280-6-6	31	A-1A	60-2	5	A-273BK	46-8-8	23	A-320BK	966-10-12	13
A-1006	STC-36	64	A-157	62-FM-6-4	10	A-1ABK	60-2	5	A-273C	46-8-8	23	A-321SC	64-R-14-14-10	12
A-1007	STC-56	64	A-157BK	62-FM-6-4	10	A-1B	60-3	5	A-274	46-8-6	23	A-323	968-10-6	15
A-1008	STC-72	64	A-158	62-FM-6-8	10	A-1BK	60-PT-4	5	A-274C	46-8-6	23	A-324	968-10-8	15
A-1009	STC-88	64	A-158BK	62-FM-6-8	10	A-2	60-4	5	A-275	46-8-12	23	A-324BK	968-10-8	15
A-100SH	225-12-8	51	A-159	39-P-6	20	A-200	62-FM-7-6	10	A-276	48-8-6	24	A-324C	968-10-8	15
A-101	60-PT-6	5	A-159BK	39-P-6	20	A-200A	225-5-2	51	A-276BK	48-8-6	24	A-325	968-10-12	15
A-1010	STC-804	63	A-16	966-4-4	13	A-201	222N-5	49	A-277	48-8-8	24	A-325BK	968-10-12	15
A-1011	STC-806	63	A-160	41-S-6	20	A-201A	222-5	49	A-277C	48-8-8	24	A-327	969-10-6	17
A-1011C	STC-806	63	A-160A	41-L-6	21	A-201B	225-5-4	51	A-277BK	48-8-8	24	A-327BK	969-10-6	17
A-1012	STC-808	63	A-160BK	41-S-6	20	A-201F	226-5-4	53	A-277SH	225-5-6	51	A-328	969-10-8	17
A-1013	STC-812	63	A-160C	41-S-6	20	A-202	60-8	5	A-278	48-8-12	24	A-328BK	969-10-8	17
A-1014	STC-816	63	A-161	81-6	30	A-202A	60-PT-8	5	A-278BK	48-8-12	24	A-333	TS-8	63
A-1015	STC-824	63	A-161A	82-6-6	30	A-202ABK	60-PT-8	5	A-279	50-8-8	25	A-334	39-P-10	20
A-1015C	STC-824	63	A-162	413-6	21	A-202BK	60-8	5	A-280	49-8-6	25	A-334BK	39-P-10	20
A-1016	STC-836	63	A-162BK	413-6	21	A-202C	60-8	5	A-280SH	225-6-2	51	A-335	41-S-10	20
A-1016A	STC-840	63	A-162C	413-6	21	A-203	61-8	6	A-281	49-8-8	25	A-335BK	41-S-10	20
A-1016C	STC-836	63	A-163	40-C-6	21	A-203BK	61-8	6	A-281BK	49-8-8	25	A-335C	41-S-10	20
A-1017	STC-856	63	A-163BK	40-C-6	21	A-203C	61-8	6	A-282SF	42-R-10-6	22	A-338	413-10	21
A-1019	STC-888	63	A-164	70-SV-6	26	A-204	961-8	7	A-283	70-SV-8	26	A-338BK	413-10	21
A-101BK	60-PT-6	5	A-164BK	70-SV-6	26	A-204BK	961-8	7	A-283BK	70-SV-8	26	A-338C	413-10	21
A-101C	60-PT-6	5	A-165	42-6	22	A-205	61-CX-8	8	A-285	161-SAE-8-8	71	A-342	40-C-10	21
A-102	60-6	5	A-165BK	42-R-6-4	22	A-205BK	61-CX-8	8	A-286	28-SAE-8	71	A-349	42-R-10-8	22
A-102BK	60-6	5	A-165C	42-6	22	A-208	6061-CP-8	7	A-29	969-4-2	17	A-350	42-10	22
A-102C	60-6	5	A-165C	42-6	22	A-209	962-R-8-6	9	A-290	222-6	49	A-350BK	42-10	22
A-102SH	225-12-12	51	A-165SC	96760-PT-5	6	A-2090	320-C-4	70	A-291	224N-6	50	A-351	44-10	22
A-103	61-6	6	A-165SF	39-P-5	20	A-2091	320-C-2	70	A-292	222N-6	49	A-360	46-10-8	23
A-103BK	61-6	6	A-168	44-6	22	A-209BK	962-R-8-6	9	A-292B	225N-6-4	52	A-361	46-10-12	23
A-103C	61-6	6	A-168B	50-6-6	25	A-209C	962-R-8-6	9	A-292C	225N-6-6	52	A-364SF	46-6-12	23
A-104	961-6	7	A-168BK	44-6	22	A-210	962-8	8	A-292CBK	225N-6-6	52	A-370	48-10-8	24
A-104BK	961-6	7	A-169	55-6	26	A-210BK	962-8	8	A-293	225-6-4	51	A-370BK	48-10-8	24
A-105	61-CX-6	8	A-16BK	966-4-4	13	A-210C	962-8	8	A-293BK	225-6-4	51	A-370C	48-10-8	24
A-105BK	61-CX-6	8	A-170	80-C-6	30	A-211	962-R-8-4	9	A-294	225-6-6	51	A-371	48-10-12	24
A-107	96760-PT-6	6	A-172	50-6-8	25	A-211BK	962-R-8-4	9	A-294BK	225-6-6	51	A-371BK	48-10-12	24
A-108	6061-CP-6	7	A-172BK	50-6-8	25	A-214	964-8	11	A-294S	225SW-6-6	53	A-372	49-10-8	25
A-109	962-R-6-4	9	A-173SC	96760-PT-8	6	A-214BK	964-8	11	A-295	229N-6-4	55	A-373	55-10	26
A-109BK	962-R-6-4	9	A-174	42-IN-6	29	A-215	965-8	12	A-296	229N-6-8	55	A-374	50-10-12	25
A-10BK	962-4	8	A-175	46-6-4	23	A-215BK	965-8	12	A-298	226-6-6	53	A-374B	50-10-8	25
A-10C	962-4	8	A-176	46-6-6	23	A-217	966-8-6	13	A-298A	226-6-2	53	A-374SF	46-14-12	23
A-110	962-6	8	A-176BK	46-6-6	23	A-217BK	966-8-6	13	A-298B	226-6-4	53	A-376	70-SV-10	26
A-110BK	962-6	8	A-177	46-6-8	23	A-218	966-8-8	13	A-298BK	226-6-6	53	A-380	222-8	49
A-110C	962-6	8	A-177BK	46-6-8	23	A-218BK	966-8-8	13	A-298C	226-6-8	53	A-381	224N-8	50
A-113	964-R-6-6-4	11	A-178	86-6-6	31	A-21A	968-2-2	15	A-298S	232-6-6	55	A-381BK	224N-8	50
A-114	964-6	11	A-179	86-6-8	31	A-21B	968-3-2	15	A-299	PTC-8	63	A-382	222N-8	49
A-114BK	964-6	11	A-18	966-4-6	13	A-22	968-4-2	15	A-29BK	969-4-2	17	A-385	225-8-6	51
A-115	965-6	12	A-180	88-6-6	31	A-220	968-8-6	15	A-2A	61-2	6	A-385A	225-8-6	51
A-115BK	965-6	12	A-181	88-6-8	31	A-220BK	968-8-6	15	A-2B	61-3	6	A-385BK	225-8-8	51
A-116	966-6-4	13	A-182	48-6-4	24	A-221	968-8-8	15	A-2BK	60-4	5	A-385SH	225-8-12	51
A-116BK	966-6-4	13	A-182BK	48-6-4	24	A-221BK	968-8-8	15	A-2C	60-4	5	A-386	225GN-8-12	53
A-117	966-6-6	13	A-183	48-6-6	24	A-221C	968-8-8	15	A-3	61-4	6	A-386SH	225-10-6	51
A-117BK	966-6-6	13	A-183BK	48-6-6	24	A-222	969-8-6	17	A-30	969-4-4	17	A-387	225N-8-8	52
A-118	966-6-8	13	A-184	48-6-8	24	A-222A	968-8-12	15	A-300	225N-6-8	52	A-387A	225N-8-6	52
A-118BK	966-6-8	13	A-184BK	48-6-8	24	A-222ABK	968-8-12	15	A-300A	225-6-8	51	A-388	225N-8-12	52
A-118C	966-6-8	13	A-184C	48-6-8	24	A-222BK	969-8-6	17	A-300SH	225-8-4	51	A-390	226-8-8	53
A-12	964-4	11	A-184D	48-6-12	24	A-223	969-8-8	17	A-301	227N-6	54	A-390A	226-8-4	53
A-121	968-6-2	15	A-185	49-6-4	25	A-223BK	969-8-8	17	A-302	60-10	5	A-390B	226-8-6	53
A-122	968-6-4	15	A-185A	49-6-2	25	A-22BK	968-4-2	15	A-302A	60-PT-10	5	A-392	227N-8	54
A-122BK	968-6-4	15	A-185BK	49-6-4	25	A-22C	68-4-2	16	A-302ABK	60-PT-10	5	A-394	229N-8-8	55
A-123	968-6-6	15	A-186	49-6-6	25	A-22CBK	68-4-2	16	A-302BK	60-10	5	A-395	229N-8-12	55
A-123BK	968-6-6	15	A-186B	49-6-8	25	A-23	968-4-4	15	A-302C	60-10	5	A-396	225G-8-12	52
A-124	968-6-8	15	A-186BK	49-6-8	25	A-230	62-FM-8-6	10	A-303	61-10	6	A-397	GH10G-8-12	60
A-124BK	968-6-8	15	A-186BK	49-6-6	25	A-230BK	62-FM-8-6	10	A-303C	61-10	6	A-399	PTC-10	63
A-124SC	61-CX-6	8	A-188	28-SAE-6	71	A-235	4500-C-8-14	16	A-304	961-10	7	A-399BK	PTC-10	63
A-124C	968-6-8	15	A-189	161-SAE-6-8	71	A-23BK	968-4-4	15	A-304BK	961-10	7	A-3BK	61-4	6
A-125	968-6-12	15	A-189A	162-SV-6-8	67	A-24	968-4-6	15	A-305	61-CX-10	8	A-3C	61-4	6
A-125BK	968-6-12	15	A-18BK	966-4-6	13	A-24BK	968-4-6	15	A-306	96760-PT-10	6	A-4	961-4	7
A-128	969-6-4	17	A-19	966-4-8	13	A-25	968-4-8	15	A-308	962-R-10-8	9	A-40	9101-CP-4-2	66
A-128BK	969-6-4	17	A-190	222-4	49	A-253SP	116-45-8	40	A-309	962-R-10-6	9	A-402A	60-12	5
A-129	969-6-6	17	A-191	224N-4	50	A-254SP	116-45-12	40	A-309BK	962-R-10-6	9	A-402ABK	60-12	5
A-129BK	969-6-6	17	A-192	225-4-4	51	A-259	39-P-8	20	A-30BK	969-4-4	17	A-402SF	48-10-6	24
A-129C	69-6-6	18	A-192B	225-4-2	51	A-259BK	39-P-8	20	A-310	962-10	8	A-403	61-14	6
A-129CBK	69-6-6	18	A-192BK	225-4-2	51	A-25A	968-5-2	15	A-310BK	962-10	8	A-41	9103-CP-4-2	67
A-12BK	964-4	11	A-192BK	225-4-4	51	A-25BK	968-4-8	15	A-310C	962-10	8	A-42	9106-CP-4	65
A-130	969-6-8	17	A-192S	225SW-4-4	53	A-260	41-S-8	20	A-313	964-10	11	A-440SF	49-10-12	25
A-130BK	969-6-8	17	A-193	225-4-6	51	A-260BK	41-S-8	20	A-313BK	964-10	11	A-445SC	69-14-12	18
A-131SP	104-4	36	A-193B	225N-4-8	52	A-260C	41-S-8	20	A-314SF	44-R-6-6-4	23	A-455	41-S-12	20
A-134	6280-6-8	31	A-193C	225-4-8	51	A-262	413-8	21	A-316	965-10	12	A-455BK	41-S-12	20
A-135	4500-C-6-14	16	A-194	233-4-4	55	A-2625	625	64	A-316BK	965-10	12	A-462SF	50-8-6	25
A-139	9192-EVP-6	32	A-195	222N-4										

Model #	Industry No.	Page	Model #	Industry No.	Page	Model #	Industry No.	Page	Model #	Industry No.	Page	Model #	Industry No.	Page
A-475BK	962-12	8	A-66	42-IN-4	29	A-776	110-6-2	38	A-875A	122-R-12-8	41	SA-624	9103-C-4-4	66
A-477	968-14-12	15	A-660	GH1-12-8	57	A-778	110-6-4	38	A-876	C116-12	43	SA-630	9106-C-4	65
A-478	968-10-12	15	A-660BK	GH1-12-8	57	A-782	116-6	39	A-876SP	116-16	39	SA-632	9106-C-6	65
A-479	222NR-10-8	50	A-661	GH1-12-12	57	A-783	122-6	41	A-877	113-12	47	SC-185	61-CP-6	7
A-479A	968-12-12	15	A-661BK	GH1-12-12	57	A-785	113-6	45	A-878	113-12	47	SC-185BK	61-CP-6	7
A-479ABK	968-12-12	15	A-661M	GH1-M-12-12	57	A-786	113-6	45	A-878BK	113-12	47	SC-571	566-6-8	16
A-479B	968-14-8	15	A-662	GH2-12	57	A-787	113-6	45	A-879	113-12	47	SC-623BK	566-6-8	16
A-480	222N-10	49	A-662BK	GH2-12	57	A-788	113-6	45	A-88	PTC-4	63	SC-620	101-C-4-2	66
A-483	224N-10	50	A-663	GH3-12-8	58	A-789	113-6	45	A-880	113-12	47	SC-620BK	101-C-4-2	66
A-486	GH10N-10-12	60	A-663BK	GH3-12-8	58	A-79	48-4-2	24	A-881	113-12	47	SC-621	101-C-4-4	66
A-488	225N-10-8	52	A-665	GH3-12-12-8	58	A-791	113-6	45	A-881BK	113-12	47	SC-623	104-C-4	68
A-489	225N-10-12	52	A-665BK	GH3-12-12-8	58	A-793	113-6	45	A-883	113-12	47	SC-623BK	104-C-4	68
A-490	222-10	49	A-668	GH4-12-8	58	A-795	113-6	45	A-885	113-12	47	SC-624	103-C-4-2	67
A-491	225G-10-12	52	A-669	GH4-12-12	58	A-791	48-IN-4-4	29	A-887	113-12	47	SC-624BK	103-C-4-2	67
A-492	GH10G-10-12	60	A-672	GH5-12-8	59	A-8	96760-PT-4	6	A-891	92-EV-12	32	SC-625	103-C-4-4	67
A-493	225-10-8	51	A-673	GH5-12-12	59	A-80	48-4-4	24	A-895	204-12-8	72	SC-635	106-C-4	65
A-493BK	225-10-8	51	A-677	GH6-12-8	59	A-804	130-R-8-6	41	A-895A	204M-12-8	72	SC-635BK	106-C-4	65
A-495	225-10-12	51	A-679	GH6-12-12-8	59	A-804BK	130-R-8-6	41	A-896	204-12-12	72	SC-637	106-C-6	65
A-495BK	225-10-12	51	A-68	44-4	22	A-805	C100-8	42	A-90	60-5	5	SC-637BK	106-C-6	65
A-496	227N-10	54	A-680	GH7-12	59	A-806	100-45-8	34	A-900	100-16	34	SC-639	130-P-4	67
A-497	229N-10-8	55	A-683	GH10-12-6	60	A-808	C101-8	42	A-902	101-16	34	SC-639A	130-P-2	67
A-498	229N-10-12	55	A-683BK	GH10-12-6	60	A-80A	48-4-6	24	A-904	103-16	35	SF-767	48-IN-6-4	29
A-499	PTC-12	63	A-684	GH10-12-8	60	A-80B	48-4-8	24	A-905	103-R-16-12	36	SH-100BK	225-12-8	51
A-4BK	961-4	7	A-688	GH14-12-12	61	A-80BK	48-4-4	24	A-907	304-16-12	72	SH-152	229-4-4	54
A-5	61-CX-4	8	A-692	GHC-12-2	61	A-80D	48-5-2	24	A-91	61-5	6	SH-160	229-6-2	54
A-50	9604-CP-4	28	A-695	PBGHY-B-12	62	A-80E	48-5-4	24	A-910	109-16	37	SH-161	229-6-4	54
A-501	413-14	61	A-696	GHR4-12-4	59	A-80F	48-6-2	24	A-911	110-16-12	38	SH-162	229-6-6	54
A-502	60-14	5	A-696BK	GHR4-12-4	59	A-80SF	41-S-5	20	A-915	113-16	47	SH-163	229-6-8	54
A-504	961-14	7	A-700	100-2	34	A-81	49-4-4	25	A-917	113-16	47	SH-163BK	229-6-8	54
A-509	962-R-14-10	9	A-702	100-45-2	34	A-810	103-8	35	A917A	113-16	47	SH-172	229-8-6	54
A-510	962-14	8	A-704	101-2	34	A-810BK	103-8	35	A-92	961-5	7	SH-190	281-6	55
A-510BK	962-14	8	A-706	103-2	35	A-812	103-R-8-2	36	A-92A	962-5	8	SH-30	GH11-12	61
A-513	964-R-14-14-10	11	A-706BK	103-2	35	A-813	103-R-8-4	36	A-92B	962-R-5-4	9	SH-30BK	GH11-12	61
A-514	964-14	11	A-708	108-2	36	A-815	103-R-8-6	36	A-92C	966-5-4	13	SH-48	GH23-12	61
A-517	965-14	12	A-708BK	108-2	36	A-815A	103-R-12-6	36	A-92D	968-5-4	15	SH-94BK	225-10-6	51
A-523	966-14-12	13	A-709	109-AL-2	37	A-817	C104-8	43	A-93	222N-3	49	SP-217	115-FB-6-4	39
A-524	968-14-12	15	A-710	109-2	37	A-819	108-8	36	A-95	222-3	49	SP-220	115-FB-8-6	39
A-524BK	968-14-12	15	A-711	111-2	39	A-81A	49-4-2	25	A-96	225-3-4	51	SP-223	115-FB-12-8	39
A-53SP	101-R-6-6-4	35	A-712	116-2	39	A-82	222N-2	49	A-96A	225-3-2	51	SP-250	116-45-2	40
A-55	6240-4-4	10	A-714	122-2	41	A-823	109-8	37	A-97	226-3-4	53	SP-251	116-45-4	40
A-500	41-S-14	20	A-715	113-2	44	A-824	109-AL-8	37	A-97A	226-3-2	53	SP-252	116-45-6	40
A-55BK	6240-4-4	10	A-715BK	113-2	44	A-826	110-8-2	38	A-98	PTC-5	63	SP-266	120-4-2	40
A-56SH	222-12	49	A-716	113-2	44	A-827	110-8-4	38	A-9A	962-2	8	SP-266BK	120-4-2	40
A-581	224N-12	50	A-716BK	113-2	44	A-827BK	110-8-4	38	A-9B	962-3	8	SP-267	120-4-4	40
A-585	222N-12	49	A-717	113-2	44	A-828	110-8-6	38	AC-805	100-8	34	SP-269	120-6-4	40
A-589	225N-12-8	52	A-717ASP	113-2	44	A-828BK	110-8-6	38	AC-805BK	100-8	34	SP-269A	120-6-6	40
A-59	39-P-4	20	A-718	RB113-2	44	A-829	111-8	39	AC-810	C103-8	42	SP-275	120-8-8	40
A-59SP	101-R-8-8-6	35	A-719	RB113-2	44	A-829A	110-12-2	38	AC-832	116-8	39	SP-276	120-12-8	40
A-590	225N-12-12	52	A-721	RB113-2	44	A-829B	110-12-4	38	ACP-785	113-CP-6	45	SP-276BK	120-12-8	40
A-591	225GN-12-12	53	A-723	RB113-2	44	A-829BK	111-8	39	ACP-787	113-CP-6	45	SP-280	121-2	40
A-592	225G-12-12	52	A-725	113-2	44	A-829D	110-12-6	38	ACP-788	113-CP-6	45	SP-281	121-4	40
A-593	GH10G-12-12	60	A-727	100-4	34	A-82A	222-2	49	ACP-789	113-CP-6	45	SP-281BK	121-4	40
A-594	229N-12-8	55	A-728	C100-45-4	42	A-831	120-8-6	40	ACP-790	113-CP-6	45	SP-282	121-6	40
A-595	229N-12-12	55	A-729	122-4	41	A-832	C116-8	43	ACP-791	113-CP-6	45	SP-282BK	121-6	40
A-596	227N-12	54	A-729BK	122-4	41	A-833	122-8	41	ACP-793	113-CP-6	45	SP-283	121-8	40
A-599	PTC-14	63	A-73	46-4-2	23	A-833BK	122-8	41	ACP-795	113-CP-6	45	SP-283BK	121-8	40
A-59BK	39-P-4	20	A-730	101-4	34	A-835	113-8	46	ACP-828	110-CP-8-6	38	SP-284	121-12	40
A-5A	61-CX-5	8	A-730BK	101-4	34	A-835BK	113-8	46	ACP-835	113-CP-8	46	SP-295	122-R-4-2	41
A-5ABK	61-CX-5	8	A-731	111-4	39	A-836	113-8	46	ACP-836	113-CP-8	46	SP-296	122-R-6-2	41
A-60	41-S-4	20	A-732	103-4	35	A-836BK	113-8	46	ACP-837	113-CP-8	46	SP-297	122-R-6-4	41
A-600	46-GF-15-8	28	A-733	109-AL-4	37	A-837	113-8	46	ACP-839	113-CP-8	46	SP-298	122-R-8-4	41
A-601	46-GF-15-12	28	A-734	103-R-4-2	36	A-838	113-8	46	ACP-840	113-CP-8	46	SP-299	122-R-8-6	41
A-605	48-GF-15-8	28	A-736	108-4	36	A-838BK	113-8	46	ACP-841	113-CP-8	46	SP-299BK	122-R-8-6	41
A-606	48-GF-15-12	28	A-737	109-4	37	A-839	113-8	46	ACP-843	113-CP-8	46	SP-707	79-P-4-4	70
A-609	61-FRFG-15-10	28	A-738	110-4-2	38	A-841	113-8	46	ACP-845	113-CP-8	46	SP-711	80-P-2	71
A-609BK	61-FRFG-15-10	28	A-739	116-4	39	A-843	113-8	46	ACP-870	110-CP-12-8	38	SP-712	80-P-4	71
A-60BK	41-S-4	20	A-739BK	116-4	39	A-844	113-8	46	AH-3M	GH2-M-12	58	SP-891	POL-40	27
A-61	41-IN-4	29	A-740	113-4	44	A-845	113-8	46	SA-152	967-4	14			
A-610	POL-41-STD	27	A-741	113-4	44	A-85	225-2-4	51	SA-152BK	967-4	14			
A-611	POL-45-TPC	27	A-742	113-4	44	A-850	204-8-8	72	SA-153	967-5	14			
A-612	POL-NUT/TAIPIECE	27	A-743	113-4	44	A-851	92-EV-8	72	SA-153BK	967-5	14			
A-613	POL-39	27	A-744	113-4	44	A-852	204M-12-12	72	SA-154	967-6	14			
A-620	222N-16	49	A-746	113-4	44	A-855	C100-12	42	SA-154BK	967-6	14			
A-621	224N-16	50	A-748	113-4	44	A-856	100-45-12	34	SA-156	967-8	14			
A-625	225N-16-12	52	A-75	46-4-4	23	A-858	C101-12	42	SA-156BK	967-8	14			
A-627	229N-16-20	55	A-750	113-4	44	A-858BK	C101-12	42	SA-157	967-10	14			
A-63	40-C-4	21	A-755	100-6	34	A-85A	225-2-2	51	SA-157BK	967-10	14			
A-630	222N-20	49	A-756	100-45-6	34	A-86	226-2-4	53	SA-191	969-3-2	17			
A-631	224N-20	50	A-758	101-6	34	A-862	103-12	35	SA-195	969-4-6	17			
A-635	225N-20-16	52	A-76	46-4-6	23	A-865	103-R-12-8	36	SA-197	969-5-4	17			
A-635A	225N-20-20	52	A-760	103-6	35	A-865BK	103-R-12-8	36	SA-211	969-10-12	17			
A-638	229N-20-20	55	A-762	103-R-6-2	36	A-867	104-12	36	SA-221	970-3-2	18			
A-639	PHC-20	64	A-765	103-R-6-4	36	A-867A	104-2	36	SA-223	970-4-4	18			
A-63BK	40-C-4	21	A-767	104-6	36	A-867SP	104-16	36	SA-228	970-6-6	18			
A-64	70-SV-4	26	A-769	108-6	36	A-868	108-12	36	SA-229	970-6-8	18			
A-640	222N-24	49	A-76FSF	46-5-4	23	A-869	C109-12	43	SA-232	970-8-8	18			
A-645	225N-24-24	52	A-77	46-4-8	23	A-86B	226-2-2	53	SA-23					

Industry No.	Model #	Page	Industry No.	Model #	Page	Industry No.	Model #	Page	Industry No.	Model #	Page	Industry No.	Model #	Page
100-16	A-900	34	113-12	A-879	47	121-8	SP-283	40	225G-8-12	A-396	52	413-14	A-501	21
100-2	A-700	34	113-12	A-880	47	121-8	SP-283BK	40	225GN-12-12	A-591	53	413-6	A-162	21
100-4	A-727	34	113-12	A-881	47	122-12	A-875	41	225GN-8-12	A-386	53	413-6	A-162C	21
100-45-12	A-856	34	113-12	A-883	47	122-2	A-714	41	225N-10-12	A-489	52	413-6	A-162BK	21
100-45-2	A-702	34	113-12	A-885	47	122-4	A-729	41	225N-10-8	A-488	52	413-8	A-262	21
100-45-6	A-756	34	113-12	A-887	47	122-4	A-729BK	41	225N-12-12	A-590	52	413-8	A-262C	21
100-45-8	A-806	34	113-12	A-878BK	47	122-6	A-783	41	225N-12-8	A-589	52	413-8	A-262BK	21
100-6	A-755	34	113-12	A-881BK	47	122-8	A-833	41	225N-16-12	A-625	52	41-IN-4	A-61	29
100-8	AC-805	34	113-16	A-915	47	122-8	A-833BK	41	225N-20-16	A-635	52	41-IN-5	A-196SF	29
100-8	AC-805BK	34	113-16	A-917	47	122-R-12-8	A-875A	41	225N-20-20	A-635A	52	41-IN-6	A-197SF	29
101-16	A-902	34	113-16	A917A	47	122-R-4-2	SP-295	41	225N-24-24	A-645	52	41-L-6	A-160A	21
101-2	A-704	34	113-2	A-715	44	122-R-6-2	SP-296	41	225N-4-8	A-193B	52	41-S-10	A-335	20
101-4	A-730	34	113-2	A-716	44	122-R-6-4	SP-297	41	225N-6-4	A-292B	52	41-S-10	A-335C	20
101-4	A-730BK	34	113-2	A-717	44	122-R-8-4	SP-298	41	225N-6-6	A-292C	52	41-S-10	A-335BK	20
101-6	A-758	34	113-2	A-717ASP	44	122-R-8-6	SP-299	41	225N-6-6	A-292CBK	52	41-S-12	A-455	20
101-C-4-2	SC-620	66	113-2	A-725	44	122-R-8-6	SP-299BK	41	225N-6-8	A-300	52	41-S-12	A-455BK	20
101-C-4-2	SC-620BK	66	113-2	A-715BK	44	130-P-2	SC-639A	67	225N-8-12	A-388	52	41-S-14	A-500	20
101-C-4-4	SC-621	66	113-2	A-716BK	44	130-P-4	SC-639	67	225N-8-6	A-387A	52	41-S-4	A-60	20
101-R-6-6-4	A-535P	35	113-4	A-740	44	130-R-8-6	A-804	41	225N-8-8	A-387	52	41-S-4	A-60BK	20
101-R-8-8-6	A-595P	35	113-4	A-741	44	130-R-8-6	A-804BK	41	225SW-4-4	A-192S	53	41-S-5	A-80SF	20
103-12	A-862	35	113-4	A-742	44	161-SAE-6-8	A-189	71	225SW-6-6	A-294S	53	41-S-6	A-160	20
103-16	A-904	35	113-4	A-743	44	161-SAE-8-8	A-285	71	226-2-2	A-86B	53	41-S-6	A-160C	20
103-2	A-706	35	113-4	A-744	44	162-SV-6-8	A-189A	67	226-2-4	A-86	53	41-S-6	A-160BK	20
103-2	A-706BK	35	113-4	A-746	44	204-12-12	A-896	72	226-3-2	A-97A	53	41-S-8	A-260	20
103-4	A-732	35	113-4	A-748	44	204-12-8	A-895	72	226-3-4	A-97	53	41-S-8	A-260C	20
103-6	A-760	35	113-4	A-750	44	204-8-8	A-850	72	226-4-2	A-197A	53	41-S-8	A-260BK	20
103-8	A-810	35	113-6	A-785	45	204M-12-12	A-852	72	226-4-2	A-197ABK	53	42-10	A-350	22
103-8	A-810BK	35	113-6	A-786	45	204M-12-8	A-895A	72	226-4-4	A-197	53	42-10	A-350BK	22
103-C-4-2	SC-624	67	113-6	A-787	45	222-10	A-490	49	226-4-6	A-197B	53	42-4	A-65	22
103-C-4-2	SC-624BK	67	113-6	A-788	45	222-12	A-56SH	49	226-5-4	A-201F	53	42-4	A-65BK	22
103-C-4-4	SC-625	67	113-6	A-789	45	222-2	A-82A	49	226-6-2	A-298A	53	42-5	A-268SF	22
103-R-12-6	A-815A	36	113-6	A-791	45	222-3	A-95	49	226-6-4	A-298B	53	42-6	A-165	22
103-R-12-8	A-865	36	113-6	A-793	45	222-4	A-190	49	226-6-6	A-298	53	42-6	A-165C	22
103-R-12-8	A-865BK	36	113-6	A-795	45	222-5	A-201A	49	226-6-6	A-298BK	53	42-6	A-165BK	22
103-R-16-12	A-905	36	113-8	A-835	46	222-6	A-290	49	226-6-8	A-298C	53	42-8	A-269	22
103-R-4-2	A-734	36	113-8	A-836	46	222-8	A-380	49	226-8-4	A-390A	53	42-8	A-269C	22
103-R-6-2	A-762	36	113-8	A-837	46	222N-10	A-480	49	226-8-6	A-390B	53	42-8	A-269BK	22
103-R-6-4	A-765	36	113-8	A-838	46	222N-12	A-585	49	226-8-8	A-390	53	42-IN-4	A-66	29
103-R-8-2	A-812	36	113-8	A-839	46	222N-16	A-620	49	227N-10	A-496	54	42-IN-6	A-174	29
103-R-8-4	A-813	36	113-8	A-841	46	222N-2	A-82	49	227N-12	A-596	54	42-R-10-6	A-282SF	22
103-R-8-6	A-815	36	113-8	A-843	46	222N-20	A-630	49	227N-4	A-196	54	42-R-10-8	A-349	22
104-12	A-867	36	113-8	A-844	46	222N-24	A-640	49	227N-6	A-301	54	42-R-6-4	A-165B	22
104-16	A-867SP	36	113-8	A-845	46	222N-3	A-93	49	227N-8	A-392	54	42-R-8-6	A-268	22
104-2	A-867A	36	113-8	A-835BK	46	222N-4	A-195	49	229-4-4	SH-152	54	44-10	A-351	22
104-4	A-131SP	36	113-8	A-836BK	46	222N-5	A-201	49	229-6-2	SH-160	54	44-4	A-68	22
104-6	A-767	36	113-8	A-838BK	46	222N-6	A-292	49	229-6-4	SH-161	54	44-6	A-168	22
104-C-4	SC-623	68	113-CP-6	ACP-785	45	222N-8	A-382	49	229-6-6	SH-162	54	44-6	A-168BK	22
104-C-4	SC-623BK	68	113-CP-6	ACP-787	45	222NR-10-8	A-479	50	229-6-8	SH-163	54	44-8	A-271	22
106-C-4	SC-635	65	113-CP-6	ACP-788	45	224N-10	A-483	50	229-6-8	SH-163BK	54	44-8	A-271BK	22
106-C-4	SC-635BK	65	113-CP-6	ACP-789	45	224N-12	A-581	50	229-8-6	SH-172	54	44-R-10-10-6	A-319SF	23
106-C-6	SC-637	65	113-CP-6	ACP-790	45	224N-16	A-621	50	229N-10-12	A-498	55	44-R-10-10-8	A-319ASF	23
106-C-6	SC-637BK	65	113-CP-6	ACP-791	45	224N-20	A-631	50	229N-10-8	A-497	55	44-R-6-6-4	A-314SF	23
108-12	A-868	36	113-CP-6	ACP-793	45	224N-4	A-191	50	229N-12-12	A-595	55	44-R-8-8-6	A-318SF	23
108-2	A-708	36	113-CP-6	ACP-795	45	224N-6	A-291	50	229N-12-8	A-594	55	44-R-8-8-6	A-318SF BK	23
108-2	A-708BK	36	113-CP-8	ACP-835	46	224N-8	A-381	50	229N-16-20	A-627	55	4500-C-6-14	A-135	16
108-4	A-736	36	113-CP-8	ACP-836	46	224N-8	A-381BK	50	229N-20-20	A-638	55	4500-C-8-14	A-235	16
108-6	A-769	36	113-CP-8	ACP-837	46	225-10-12	A-495	51	229N-2-2	A-87	55	46-10-12	A-361	23
108-8	A-819	36	113-CP-8	ACP-839	46	225-10-12	A-495BK	51	229N-24-24	A-647	55	46-10-8	A-360	23
109-16	A-910	37	113-CP-8	ACP-840	46	225-10-6	A-3865BK	51	229N-4-4	A-199	55	46-12-12	A-468	23
109-2	A-710	37	113-CP-8	ACP-841	46	225-10-6	SH-94BK	51	229N-6-4	A-295	55	46-14-12	A-374SF	23
109-4	A-737	37	113-CP-8	ACP-843	46	225-10-8	A-493	51	229N-6-8	A-296	55	46-4-2	A-73	23
109-6	A-773	37	113-CP-8	ACP-845	46	225-10-8	A-493BK	51	229N-8-12	A-395	55	46-4-4	A-75	23
109-6	A-773BK	37	115-FB-12-8	SP-223	39	225-12-12	A-102SH	51	229N-8-8	A-394	55	46-4-6	A-76	23
109-8	A-823	37	115-FB-6-4	SP-217	39	225-12-8	A-100SH	51	232-6-6	A-298S	55	46-4-8	A-77	23
109-AL-2	A-709	37	115-FB-8-6	SP-220	39	225-12-8	SH-100BK	51	233-4-4	A-194	55	46-5-4	A-76SF	23
109-AL-4	A-733	37	116-16	A-876SP	39	225-2-2	A-85A	51	281-6	SH-190	55	46-6-12	A-364SF	23
109-AL-6	A-774	37	116-2	A-712	39	225-2-4	A-85	51	28-SAE-6	A-188	71	46-6-4	A-175	23
109-AL-8	A-824	37	116-4	A-739	39	225-3-2	A-96A	51	28-SAE-8	A-286	71	46-6-6	A-176	23
110-12-2	A-829A	38	116-4	A-739BK	39	225-3-4	A-96	51	304-16-12	A-907	72	46-6-6	A-176BK	23
110-12-4	A-829B	38	116-45-12	A-254SP	40	225-4-2	A-192B	51	320-C-2	A-2091	70	46-6-8	A-177	23
110-12-6	A-829D	38	116-45-2	SP-250	40	225-4-2	A-192BBK	51	320-C-4	A-2090	70	46-6-8	A-177BK	23
110-12-8	A-870	38	116-45-4	SP-251	40	225-4-4	A-192	51	39-P-10	A-334	20	46-8-12	A-275	23
110-16-12	A-911	38	116-45-6	SP-252	40	225-4-4	A-192BK	51	39-P-10	A-334BK	20	46-8-6	A-274	23
110-4-2	A-738	38	116-45-8	A-253SP	40	225-4-6	A-193	51	39-P-4	A-59	20	46-8-6	A-274C	23
110-6-2	A-776	38	116-6	A-782	39	225-4-8	A-193C	51	39-P-4	A-59BK	20	46-8-8	A-273	23
110-6-4	A-778	38	116-8	AC-832	39	225-5-2	A-200A	51	39-P-5	A-165SF	20	46-8-8	A-273C	23
110-8-2	A-826	38	120-12-8	SP-276	40	225-5-4	A-201B	51	39-P-6	A-159	20	46-8-8	A-273BK	23
110-8-4	A-827	38	120-12-8	SP-276BK	40	225-5-6	A-277SH	51	39-P-6	A-159BK	20	46-GF-15-12	A-601	28
110-8-4	A-827BK	38	120-4-2	SP-266	40	225-6-2	A-280SH	51	39-P-8	A-259	20	46-GF-15-8	A-600	28
110-8-6	A-828	38	120-4-2	SP-266BK	40	225-6-4	A-293	51	39-P-8	A-259BK	20	48-10-12	A-371	24
110-8-6	A-828BK	38	120-4-4	SP-267	40	225-6-4	A-293BK	51	40-C-10	A-342	21	48-10-12	A-371BK	24
110-CP-12-8	ACP-870	38	120-6-4	SP-269	40	225-6-6	A-294	51	40-C-4	A-63	21	48-10-6	A-402SF	24
110-CP-8-6	ACP-828	38	120-6-6	SP-269A	40	225-6-6	A-294BK	51	40-C-4	A-63BK	21	48-10-8	A-370	24
111-12	A-874	39	120-8-6	A-831</										

Industry No.	Model #	Page	Industry No.	Model #	Page	Industry No.	Model #	Page	Industry No.	Model #	Page	Industry No.	Model #	Page
48-4-8	A-80B	24	61-5	A-91	6	962-10	A-310C	8	968-10-12	A-478	15	GH1-12-8	A-660	57
48-5-2	A-80D	24	61-6	A-103	6	962-10	A-310	8	968-10-12	A-325BK	15	GH1-12-8	A-660BK	57
48-5-4	A-80E	24	61-6	A-103C	6	962-10	A-310BK	8	968-10-6	A-323	15	GH14-12-12	A-688	61
48-6-12	A-184D	24	61-6	A-103BK	6	962-12	A-475	8	968-10-8	A-324	15	GH1-M-12-12	A-661M	57
48-6-2	A-80F	24	61-8	A-203	6	962-12	A-475BK	8	968-10-8	A-324C	15	GH2-12	A-662	57
48-6-4	A-182	24	61-8	A-203C	6	962-14	A-510BK	8	968-10-8	A-324BK	15	GH2-12	A-662BK	57
48-6-4	A-182BK	24	61-8	A-203BK	6	962-14	A-510	8	968-12-12	A-479A	15	GH23-12	SH-48	61
48-6-6	A-183	24	61-CP-6	SC-185	7	962-2	A-9A	8	968-12-12	A-479ABK	15	GH2-M-12	AH-3M	58
48-6-6	A-183BK	24	61-CP-6	SC-185BK	7	962-3	A-9B	8	968-14-12	A-524	15	GH3-12-12-8	A-665	58
48-6-8	A-184	24	61-CX-10	A-305	8	962-4	A-10BK	8	968-14-12	A-477	15	GH3-12-12-8	A-665BK	58
48-6-8	A-184C	24	61-CX-4	A-5	8	962-4	A-10	8	968-14-12	A-524BK	15	GH3-12-8	A-663	58
48-6-8	A-184BK	24	61-CX-5	A-5A	8	962-4	A-10C	8	968-14-8	A-479B	15	GH3-12-8	A-663BK	58
48-8-12	A-278	24	61-CX-5	A-5ABK	8	962-5	A-92A	8	968-2-2	A-21A	15	GH4-12-12	A-669	58
48-8-12	A-278BK	24	61-CX-6	A-105	8	962-6	A-110BK	8	968-3-2	A-21B	15	GH4-12-8	A-668	58
48-8-6	A-276	24	61-CX-6	A-124SC	8	962-6	A-110	8	968-4-2	A-22BK	15	GH5-12-12	A-673	59
48-8-6	A-276BK	24	61-CX-6	A-105BK	8	962-6	A-110C	8	968-4-2	A-22	15	GH5-12-8	A-672	59
48-8-8	A-277	24	61-CX-8	A-205	8	962-8	A-210C	8	968-4-4	A-23	15	GH6-12-12-8	A-679	59
48-8-8	A-277C	24	61-CX-8	A-205BK	8	962-8	A-210BK	8	968-4-4	A-23BK	15	GH6-12-8	A-677	59
48-8-8	A-277BK	24	61-FRFG-15-10	A-609	28	962-8	A-210	8	968-4-6	A-24	15	GH7-12	A-680	59
48-GF-15-12	A-606	28	61-FRFG-15-10	A-609BK	28	962-R-10-6	A-309BK	9	968-4-6	A-24BK	15	GH8-12-2	A-692	61
48-GF-15-8	A-605	28	6240-4-4	A-55	10	962-R-10-6	A-309	9	968-4-8	A-25	15	GHR4-12-4	A-696	59
48-IN-4-4	A-791	29	6240-4-4	A-55BK	10	962-R-10-8	A-308	9	968-4-8	A-25BK	15	GHR4-12-4	A-696BK	59
48-IN-6-4	SF-767	29	6240-6-6	A-155	10	962-R-14-10	A-509	9	968-5-2	A-25A	15	PBGHY-B-12	A-695	62
49-10-12	A-440SF	25	6240-6-6	A-155BK	10	962-R-5-4	A-92B	9	968-5-4	A-92D	15	PHC-20	A-639	64
49-10-8	A-372	25	625	A-2625	64	962-R-6-4	A-109BK	9	968-6-12	A-125	15	PHC-24	A-649	64
49-4-2	A-81A	25	6280-4-6	A-154	31	962-R-6-4	A-109	9	968-6-12	A-125BK	15	POL-39	A-613	27
49-4-4	A-81	25	6280-4-6	A-154BK	31	962-R-8-4	A-211	9	968-6-2	A-121	15	POL-40	SP-891	27
49-6-2	A-185A	25	6280-6-6	A-156	31	962-R-8-4	A-211BK	9	968-6-4	A-122	15	POL-41-STD	A-610	27
49-6-4	A-185	25	6280-6-6	A-156BK	31	962-R-8-6	A-209BK	9	968-6-4	A-122BK	15	POL-45-TPC	A-611	27
49-6-4	A-185BK	25	6280-6-8	A-134	31	962-R-8-6	A-209	9	968-6-6	A-123	15	POL-Nut/Tail	A-612	27
49-6-6	A-186	25	62-FM-6-4	A-157	10	962-R-8-6	A-209C	9	968-6-6	A-123BK	15	PTC-10	A-399	63
49-6-6	A-186BK	25	62-FM-6-4	A-157BK	10	964-10	A-313	11	968-6-8	A-124	15	PTC-10	A-399BK	63
49-6-8	A-186B	25	62-FM-6-8	A-158	10	964-10	A-313BK	11	968-6-8	A-124C	15	PTC-12	A-499	63
49-6-8	A-186BBK	25	62-FM-6-8	A-158BK	10	964-14	A-514	11	968-6-8	A-124BK	15	PTC-14	A-599	63
49-8-6	A-280	25	62-FM-7-6	A-200	10	964-4	A-12BK	11	968-8-12	A-222A	15	PTC-4	A-88	63
49-8-8	A-281	25	62-FM-8-6	A-230	10	964-4	A-12	11	968-8-12	A-222ABK	15	PTC-5	A-98	63
49-8-8	A-281BK	25	62-FM-8-6	A-230BK	10	964-6	A-114BK	11	968-8-6	A-220	15	PTC-6	A-198	63
50-10-12	A-374	25	62-R-10-6	A-318BK	9	964-6	A-114	11	968-8-6	A-220BK	15	PTC-6	A-198BK	63
50-10-8	A-374B	25	62-R-10-6	A-318	9	964-8	A-214BK	11	968-8-8	A-221	15	PTC-8	A-299	63
50-14-12	A-468SF	25	64-R-10-10-8	A-319SC	12	964-8	A-214	11	968-8-8	A-221C	15	RB113-2	A-718	44
50-6-6	A-168B	25	64-R-10-10-8	A-319SCBK	12	964-R-14-14-10	A-513	11	968-8-8	A-221BK	15	RB113-2	A-719	44
50-6-8	A-172	25	64-R-14-14-10	A-321SC	12	964-R-6-6-4	A-113	11	969-10-12	SA-211	17	RB113-2	A-721	44
50-6-8	A-172BK	25	64-R-8-8-6	A-318SC	12	965-10	A-316BK	12	969-10-6	A-327	17	RB113-2	A-723	44
50-8-12	A-464SF	25	64-R-8-8-6	A-318SCBK	12	965-10	A-316	12	969-10-6	A-327BK	17	STC-04	A-1000	64
50-8-6	A-462SF	25	68-4-2	A-22C	16	965-14	A-517	12	969-10-8	A-328	17	STC-06	A-1001	64
50-8-8	A-279	25	68-4-2	A-22CBK	16	965-4	A-14BK	12	969-10-8	A-328BK	17	STC-08	A-1002	64
55-10	A-373	26	69-14-12	A-445SC	18	965-4	A-14	12	969-3-2	SA-191	17	STC-12	A-1003	64
55-6	A-169	26	69-6-6	A-129C	18	965-6	A-115BK	12	969-4-2	A-29	17	STC-16	A-1004	64
55-8	A-272	26	69-6-6	A-129CBK	18	965-6	A-115	12	969-4-2	A-29BK	17	STC-24	A-1005	64
566-6-8	SC-571	16	70-SV-10	A-376	26	965-8	A-215BK	12	969-4-4	A-30	17	STC-36	A-1006	64
566-6-8	SC-571BK	16	70-SV-4	A-64	26	965-8	A-215	12	969-4-4	A-30BK	17	STC-36	A-1006BK	64
57-C-6-6	A-143	70	70-SV-6	A-164	26	966-10-12	A-320	13	969-4-6	SA-195	17	STC-56	A-1007	64
58-C-6	A-142	70	70-SV-6	A-164BK	26	966-10-12	A-320BK	13	969-4-6	SA-197	17	STC-72	A-1008	64
60-10	A-302	5	70-SV-8	A-283	26	966-10-8	A-319	13	969-5-4	A-130	17	STC-804	A-1010	63
60-10	A-302C	5	70-SV-8	A-283BK	26	966-10-8	A-319BK	13	969-6-4	A-128	17	STC-806	A-1011	63
60-10	A-302BK	5	79-P-4-4	SP-707	70	966-10-8	A-319BK	13	969-6-4	A-128BK	17	STC-806	A-1011C	63
60-12	A-402A	5	80-C-6	A-170	30	966-14-12	A-523	13	969-6-6	A-129	17	STC-808	A-1012	63
60-12	A-402ABK	5	80-P-2	SP-711	71	966-4-2	A-15	13	969-6-6	A-129BK	17	STC-812	A-1013	63
60-14	A-502	5	80-P-4	SP-712	71	966-4-4	A-16	13	969-6-8	A-130	17	STC-816	A-1014	63
60-2	A-1A	5	81-6	A-161	30	966-4-4	A-16BK	13	969-6-8	A-130BK	17	STC-824	A-1015	63
60-2	A-1ABK	5	82-6-6	A-161A	30	966-4-6	A-18	13	969-6-8	A-222	17	STC-824	A-1015C	63
60-3	A-1B	5	86-6-6	A-178	31	966-4-6	A-18BK	13	969-8-6	A-222BK	17	STC-836	A-1016	63
60-4	A-2	5	86-6-8	A-179	31	966-4-8	A-19	13	969-8-8	A-223	17	STC-836	A-1016C	63
60-4	A-2C	5	88-6-8	A-180	31	966-4-8	A-19BK	13	969-8-8	A-223BK	17	STC-840	A-1016A	63
60-4	A-2BK	5	88-6-8	A-181	31	966-5-4	A-92C	13	970-10-8	SA-235	18	STC-856	A-1017	63
60-5	A-90	5	9101-C-4-2	SA-620	66	966-6-4	A-116	13	970-3-2	SA-221	18	STC-88	A-1009	64
60-6	A-102	5	9101-C-4-2	SA-621	66	966-6-4	A-116BK	13	970-4-4	SA-223	18	STC-888	A-1019	63
60-6	A-102C	5	9101-CP-4-2	A-40	66	966-6-6	A-117	13	970-6-6	SA-228	18	TS-8	A-333	63
60-6	A-102BK	5	9103-C-4-2	SA-623	66	966-6-6	A-117BK	13	970-6-8	SA-229	18			
6061-CP-6	A-108	7	9103-C-4-4	SA-624	66	966-6-8	A-118	13	970-8-8	SA-232	18			
6061-CP-8	A-208	7	9103-CP-4-2	A-41	67	966-6-8	A-118BK	13	C100-12	A-855	42			
60-8	A-202	5	9106-C-4	SA-630	65	966-8-6	A-217	13	C100-45-4	A-728	42			
60-8	A-202C	5	9106-C-6	SA-632	65	966-8-6	A-217BK	13	C100-8	A-805	42			
60-8	A-202BK	5	9106-CP-4	A-42	65	966-8-8	A-218	13	C101-12	A-858	42			
60-PT-10	A-302A	5	9106-CP-6	A-140	65	966-8-8	A-218BK	13	C101-12	A-858BK	42			
60-PT-10	A-302ABK	5	9192-EVP-6	A-139	32	967-10	SA-157	14	C101-8	A-808	42			
60-PT-4	A-1	5	92-EV-12	A-891	32	967-10	SA-157BK	14	C103-8	AC-810	42			
60-PT-4	A-1BK	5	92-EV-8	A-851	32	967-4	SA-152	14	C104-8	A-817	43			
60-PT-6	A-101	5	958-C-4	SA-610	70	967-4	SA-152BK	14	C109-12	A-869	43			
60-PT-6	A-101C	5	9604-CP-4	A-50	68	967-5	SA-153	14	C116-12	A-876	43			
60-PT-6	A-101BK	5	9604-CP-6	A-141	68	967-5	SA-153BK	14	C116-8	A-832	43			
60-PT-8	A-202A	5	961-10	A-304	7	967-6	SA-154BK	14	GH10-12-6	A-683	60			
60-PT-8	A-202ABK	5	961-10	A-304BK	7	967-6	SA-154BK	14	GH10-12-6	A-683BK	60			
61-10	A-303	6	961-14	A-504	7	967-6	SA-154	14	GH10-12-8	A-684	60			
61-10	A-303C	6	961-4	A-4BK	7	96760-PT-10	A-306	6	GH10G-10-12	A-492	60			
61-14	A-403	6	961-4	A-4	7	96760-PT-4	A-8	6	GH10G-12-12	A-593	60			
61-2	A-2A	6	961-5	A-92	7	96760-PT-5</								

Represented By

