

For Residential and Commercial Applications

Job Name _____
 Job Location _____
 Engineer _____
 Approval _____

Contractor _____
 Approval _____
 Contractor's P.O. No. _____
 Representative _____

LEAD FREE*
Series 35
Quick-Connect
Elbows

Watts Quick-Connect Elbows are designed and manufactured for many years of trouble free service. Produced of off white Polysulfone, a high performance thermal plastic material, the Watts Quick-Connect design allows for quick and easy connections without the use of installation tools.

Specifications

Connection shall be made using Watts Series 35 Quick-Connect fitting with Integral Collet and O-Ring guide. Fitting shall be able to fully rotate under pressure and allow for easy disconnect and reuse without the use of disconnection tools. Fitting must not disassemble to disconnect.

Approvals

NSF-61, NSF-14, CSA B137.5, ASTM F877, UPC, ASSE 1061

Ratings

100psi @ 180°F (6.8 bar @ 82°C)
 250psi @ 75°F (17.3 bar @ 24°C)

Example

3512-1008
 35 = Series 35 12 = Type 12 Stackable Hose Barb Elbow
 1008 = 1/2" CTS x 1/2" Barb

Dimensions – Weights

Weight and Dimensions are approximate (tolerance +/- 1/8)

Type 12 Stackable Hose Barb Elbows

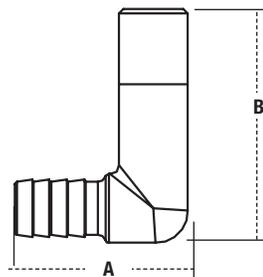
MODEL	SIZE & CONNECTION	ITEM LENGTH		ITEM HEIGHT		ITEM WEIGHT	
		A in.	A mm	B in.	B mm	lbs.	kg.
Package Type: Bulk							
3512-1008	1/2" CTS x 1/2" Barb	1 1/2	38	2 1/8	54	0.3	.14
Package Type: Poly Bag							
3512B-1008	1/2" CTS x 1/2" Barb	1 1/2	38	2 1/8	54	0.3	.14



Caution: The polysulfone material used in the Quick-Connect fittings can be compromised by exposure to volatile organic compounds (VOC's) and caustic chemicals. Therefore, **DO NOT** expose this product to any such chemical or foreign substance, which would include exposure to the following products: **Pipe Dopes (thread sealants)**, bug sprays, lubricants, cleaners, paints, bleaches, acids, solder fluxes, plastic piping primers and cements, oxidizing agents, alkaline solutions, thinners, fuels, oil based caulks, hydrocarbons, spray foam or foaming agents (insulation).

It is also recommended that all threaded connections be made with Teflon® tape only.

*The wetted surface of this product contacted by consumable water contains less than one quarter of one percent (0.25%) of lead by weight.



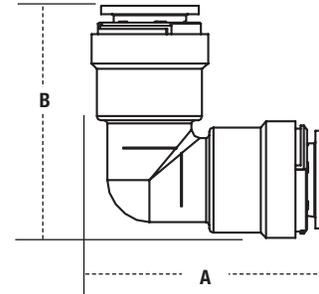
Watts product specifications in U.S. customary units and metric are approximate and are provided for reference only. For precise measurements, please contact Watts Technical Service. Watts reserves the right to change or modify product design, construction, specifications, or materials without prior notice and without incurring any obligation to make such changes and modifications on Watts products previously or subsequently sold.



Dimensions – Weights – Weight and Dimensions are approximate (tolerance +/- 1/8)

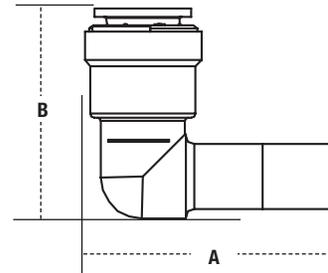
Type 17 Union Elbow

MODEL	SIZE & CONNECTION	ITEM LENGTH		ITEM HEIGHT		ITEM WEIGHT	
		A		B		lbs.	kg.
		in.	mm	in.	mm		
Package Type: Bulk							
3517-08	3/8" CTS	1 3/4	44	1 5/16	24	0.6	.27
3517-10	1/2" CTS	2 1/8	54	1 1/8	29	1	.45
3517-14	3/4" CTS	2 11/16	68	1 3/8	35	1.8	.81
3517-18	1" CTS	3	76	1 1/2	38	2.4	1.09
Package Type: Poly Bag							
3517B-08	3/8" CTS	1 3/4	44	1 5/16	24	0.6	.27
3517B-10	1/2" CTS	2 1/8	54	1 1/8	29	1	.45
3517B-14	3/4" CTS	2 11/16	68	1 3/8	35	1.8	.81
3517B-18	1" CTS	3	76	1 1/2	38	2.4	1.09



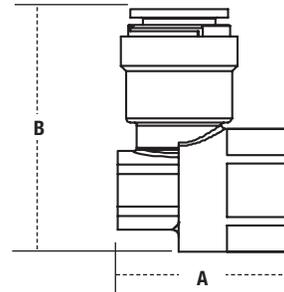
Type 18 Stackable Elbows

MODEL	SIZE & CONNECTION	ITEM LENGTH		ITEM HEIGHT		ITEM WEIGHT	
		A		B		lbs.	kg.
		in.	mm	in.	mm		
Package Type: Bulk							
3518-08	3/8" CTS	1 3/4	44	1 5/16	24	0.4	.18
3518-10	1/2" CTS	2	51	1 1/8	29	0.7	.32
3518-14	3/4" CTS	2 5/8	67	1 3/8"	35	0.8	.36
3518-18	1" CTS	3	76	1 3/4	45	1.9	.86
Package Type: Poly Bag							
3518B-08	3/8" CTS	1 3/4	44	1 5/16	24	0.4	.18
3518B-10	1/2" CTS	2	51	1 1/8	29	0.7	.32
3518B-14	3/4" CTS	2 5/8	67	1 3/8"	35	0.8	.36
3518B-18	1" CTS	3	76	1 3/4	45	1.9	.86



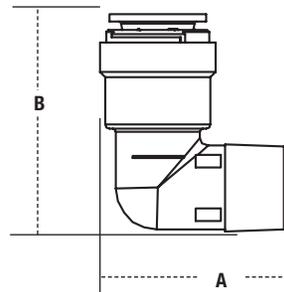
Type 21 Drop Ear Elbows

MODEL	SIZE & CONNECTION	ITEM LENGTH		ITEM HEIGHT		ITEM WEIGHT	
		A		B		lbs.	kg.
		in.	mm	in.	mm		
Package Type: Bulk							
3521-1008	1/2" CTS x 1/2" NPT	2 1/8	54	1 13/16	46	1.1	.50
Package Type: Poly Bag							
3521B-1008	1/2" CTS x 1/2" NPT	2 1/8	54	1 13/16	46	1.1	.50



Type 19 Male Elbow

MODEL	SIZE & CONNECTION	ITEM LENGTH		ITEM HEIGHT		ITEM WEIGHT	
		A		B		lbs.	kg.
		in.	mm	in.	mm		
Package Type: Bulk							
3519-1006	1/2" CTS x 3/8" NPT	2	51	1 1/8	29	0.7	.32
3519-1008	1/2" CTS x 1/2" NPT	2	51	1 1/8	29	0.7	.32
3519-1816	1" CTS x 1" NPT	2 3/4	70	1 3/4	45	1.9	.86
Package Type: Poly Bag							
3519B-1006	1/2" CTS x 3/8" NPT	2	51	1 1/8	29	0.7	.32
3519B-1008	1/2" CTS x 1/2" NPT	2	51	1 1/8	29	0.7	.32
3519B-1816	1" CTS x 1" NPT	2 3/4	70	1 3/4	45	1.9	.86



Type 20 Female Swivel Elbows

MODEL	SIZE & CONNECTION	ITEM LENGTH		ITEM HEIGHT		ITEM WEIGHT	
		A		B		lbs.	kg.
		in.	mm	in.	mm		
Package Type: Bulk							
3520-0808	3/8" CTS x 1/2" NPS	2	51	1 5/8	41	0.7	.32
3520-0813	3/8" CTS x 3/4" Closet	2	51	1 5/8	41	0.8	.36
3520-1008	1/2" CTS x 1/2" NPS	2 3/16	56	2	51	1	.45
3520-1012	1/2" CTS x 3/4" NPS	2 3/16	56	2	51	1.2	.54
3520-1013	1/2" CTS x 3/4" Closet	2 3/16	56	2	51	1.1	.50
3520-1014	1/2" CTS x 3/4" FGHT	2 3/16	56	2	51	1	.45
Package Type: Poly Bag							
3520B-0808	3/8" CTS x 1/2" NPS	2	51	1 5/8	41	0.7	.32
3520B-0813	3/8" CTS x 3/4" Closet	2	51	1 5/8	41	0.8	.36
3520B-1008	1/2" CTS x 1/2" NPS	2 3/16	56	2	51	1	.45
3520B-1012	1/2" CTS x 3/4" NPS	2 3/16	56	2	51	1.2	.54
3520B-1013	1/2" CTS x 3/4" Closet	2 3/16	56	2	51	1.1	.50
3520B-1004	1/2" CTS x 3/4" FGHT	2 3/16	56	2	51	1	.45

