

Reference Drawing or Specification: N/A

Southway Builders, Inc. hereby acknowledges that it has reviewed the attached documents and finds them in general compliance with the Contract Documents and Specifications. The Subcontractor is responsible for confirmation, coordination, quantities, dimensions, safety, and integration of all elements, systems, and components of the submittal in a proper, safe, and compliant manner, and for coordination of the work with that of Southway Builders, Inc. and other trades.

SWB Review:

Reviewed Reviewed as Noted

SWB Notes: See attachment

A/E Review:

Approved	
Approved as Noted	
Revise & Resubmit	
Rejected	

A/E Notes:

** **Response Requested By:** May 14th, 2010 **Submitted By:** David W. Duff, Jr.

Section 15530- Refrigerant Piping 15530.01.1.1- Product Data

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Pipe, Tube & Fittings

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Date		

Product Certification

Mueller Copper Tube products are all manufactured in the USA. All tubing produced in Fulton, MS, and Wynne, AR, is seamless and of UNS C12200 grade of copper and is manufactured to meet the chemical and mechanical properties of the applicable ASTM specifications set forth below. When specified at order placement, Mueller Copper Tube can supply Certified Tube to meet all requirements of the current applicable ASTM specification, at an additional cost.

Streamline Copper Water Tube (Types K,L,M) ASTM B88 and ANSI/NSF 61

Streamline Copper Refrigeration Service Coils ASTM B280

Streamline Nitrogenized ACR Hard Drawn Copper Tube - ASTM B280

Streamline Copper Drainage Tube (DWV) ASTM B306

 * Please contact Technical Services for certification in Oxygen and Medical service tube. (1.662.862.1700)

Oxygen & Medical Service Tube - To ASTM B819 (Types K & L) Hard Drawn Straight Lengths Only in Accordance To CGA Cleanness Specification; CGA G4.1 (Compressed Gas Association); & NFPA 99 (Health Care Facilities).

NSF 61 Restriction Statement: "Copper Tube (Alloy C12200) is certified by NSF to ANSI/NSF Standard 61 for public water supplies meeting or in the process of meeting the U.S. EPA Lead and Copper Rule (56FR 26460, June 7, 1991). Water supplies with pH less than 6.5 may require corrosion control to limit copper solubility in drinking water."

P. O. BOX 849 FULTON, MS 38843 (662) 862-1700 FAX (662) 862-3002 P. O. BOX 309 WYNNE, AR 72396 (870) 238-3201 FAX (870) 238-8724

REFERENCE INFØRMATION

COPPER/TUBE

	Туре К Тур		Type L	Type L / ACR		Туре М		DWV	
STANDARD* LENGTHS	HARD 20' Lengths COILS 60' thru 1-1/2 100' thru 1-1/4 40' and 60' - 2" only		S 60' thru 1-1/2 COILS 60' thru 1-1/2 100' thru 1-1/4 100' thru 1-1/4		HARD 20' Lengths COILS Consuit		HARD 20' Lengths		
NOM Ø.D.	WALL	WGT/FT	WALL	WGT/FT	WALL	WGT/FT	WALL	WGT/FT	
1/4" 3/8"	0.035	0.145	0.030	0.126	0.025	0.106			
3/8" 1/2"	0.049	0.269	0.035	0.198	0.025	0.145	_	_	
1/2" 5/8	0.049	0.344	0.040	0.285	0.028	0.204			
5/8" 3/4"	0.049	0.418	0.042	0.362	0.030	0.263			
3/4" 7/8"	0.065	0.641	0.045	0.455	0.032	0.328			
	0.065	0.839	0.050	0.655	0.035	0.465		_	
1-1/4" 1-3/8"	0.065	1.04	0.055	0.884	0.042	0.682	0.040	0.650	
	0.072	1.36	0.060	1.14	0.049	0.940	0.042	0.809	
2" 2-1/8"	0.083	2.06	0.070	1.75	0.058	1.46	0.042	1.07	
2-1/2" 2-5/8"	0.095	2.93	0.080	2.48	0.065	2.03			
<u> </u>	0.109	4.00	0.090	3.33	0.072	2.68	0.045	1.69	
3-1/2" 3-5/3"	0.120	5.12	0.100	4,29	0.083	3.58		_	
<u>4"</u> <u>4-1/8</u>	0.134	6,51	0.110	5.38	0.095	4,66	0.058	2.87	
5" 5-51/6"	0.160	9.67	0.125	7.61	0.109	6.66	0.072	4.43	
<u>6"</u>	0,192	13.90	0.140	10.20	0.122	8.92	0.083	6.10	
8" 8-1/8	0.271	25.90	0.200	19.30	0.170	16.46	_	_	

* FOR SPECIAL LENGTHS OR TEMPERS CONSULT FOR PRICE AND AVAILABILITY.

[™]REFRIGERATION SERVICE TUBE

0.D.	WALL THICKNESS	WEIGHT PER FOOT	WEIGHT PER COIL*	COIL DIAMETER	COILS PER MASTER	WEIGHT PER MASTER
1/8"	0.030	0.0347	1.74	14-3/4"	10	17.4
3/16"	0.030	0.0575	2.88	14-3/4"	10	28.80
1/4"	0,030	0.0804	4.02	14-3/4"	10	40.20
5/16"	0.032	0.109	5.45	14-3/4"	10	54.50
3/8"	0.032	0.134	6.70	16-1/2"	10	67.00
1/2"	0.032	0.182	9,10	20"	5	45.50
<u>5/8"</u>	0.035	0.251	12.55	22"	5	62.75
3/4"	0.035	0.305	15.25	25"	3	45.75
7/8"	0.045	0.455	22.75	27-1/2"	3	22.75
1-1/8"	0.050	0.655	32.75	34-1/2"		32.75
1-3/8"	0.055	0.884	44,20	39-1/2"		44.20
1-5/8"	0.060	1,14	57.00	42"		57.00

* STANDARD 50' COIL - 100' COILS ALSO AVAILABLE AS STANDARD STOCK ITEM.

TEMPERATURE CONTROL TUBE

PACKED 2000' PER BOX

O.D. WALL	WGT/FT	0.D.	WALL	WGT/FT
1/4" 0.025	0.0685	1/4"	0.032	0.0849

PLASTIC COATED COPPER TUBE

Polyethylene coating made from low density LDPE resin and is extruded at 0.025" minimum wall.



COPPER FITTINGS - HVACR SOLDER JOINT PRESSURE WROT & CAST

UW CFR1109

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The i	ssuan	ce of this	s price li	ist is not a	n offer to se	E I the goods	(Supe	rsedes	UW C	13, 2009 FR0809 es stated
DAP	TER	CONT	1941 State			B	USHI	NG		
x 1/2	50	500	0.06	5.04	FLUSH					1000000000000000
x 3/8	50	500	0.07	12.90	WC-417		FTG x i	F		,677,
x 1/4	25	600	0.06	15.53	(BRASS)			-		
x 3/4	25	250	0.14	19.00	Part	Size	Box	Стл	WI	List
x 1/2	25	250	0.12	28,53	A 07812	5/8 x 1/8		1.600	0.04	
'B x 1	10	100	0.29	32.46	A 07812					14.0B
x 3/4	25	250	0.13	8.48		x 1/4		1,200	0.02	14.78
x 1/2	25	250	0.12	14.75	A 07814	7/8 x 3/8		450	0.08	34,22
1-1/2	10	100	0.48	89.79	A 07815	1-1/8 x 1/2	50	300	0.17	52.13
x 11/4	10	100			A 07816	1-3/8 x 3/4	10	160	0.25	89.08
			0.39	47.67	A 07817	1-5/8 x 1	10	90	0.34	93.39
× 1	10	100	0.24	21.91	A 07819	2-1/8 x 1-1/2	10	90	0.48	102.28
x 3/4	10	100	0.17	32.46		- 00 A 1-02	.0	20	0.40	102.20

	SIL SIL	CAF)		
FLUSH WC-415	c	;			
Parl	Stza	Box	Cin	Wi	Lisi
W 07002	1/4	50	2,000	0	3.55
W 07004	3/8	50	2,000	0.01	2.22
W 07006	1/2	50	1,000	0.01	3.53
W 07007	5/8	100	1,000	0.02	1.76
W 07008	3/4	50	2,000	0.03	4.20
W 07009	7/8	50	500	0.04	3.27
W 07011	1-1/8	50	500	0.08	7.76
W 07012	1-3/B	25	250	0.11	10.38
W 07013	1-5/8	25	250	0.18	15.20
W 07014	2-1/8	-	100	0.3	28.03
W 07015	2-5/8	-	50	0.48	89.51
W 07016	3-1/8	-	50	0.73	122.68
W 07017	3-5/8	-	25	1.15	364.80
W 07018	4-1/8	-	20	1.5	231.41

		UPL	ING		
NO STOP WC-400NS	C	XC			
Part	Size	Box	Cin	Wt	List
W 01900	1/4	100	4,000	Ø	3.57
W 01901	3/8	50	2,000	0.01	1.45
W 01902	1/2	50	1,700	0.01	5.02
W 01903	5/8	100	1,000	0.03	2.41
W 01904	3/4	25	375	0.04	7.23
W 01905	7/8	50	500	0.06	5.02
W 01906	1-1/8	25	250	0.11	10.60
W 01907	1-3/8	25	250	0.15	15.99
W 01908	1-5/8	10	100	0.25	21.61
W 01909	2-1/B	-	75	0.4	36.53
W 01910	2-5/8	-	50	0.66	47.79
W 01911	3-1/8	-	25	1.03	93.48
W 01913	4-1/8		15	2.15	179.12

	C	DUPL	ING		
ROLLED STOP	ີ່	xC			\Box
Part	Size	Box	Cin	WI	List
W 01000	1/8	100	4,000	0	2.07
W 01001	3/16	100	4,000	0	2.54
W 01003	1/4	100	4,000	0	2.16
W 01009	3/8	50	2,000	0.01	1.78
W 01017	1/2	50	1,700	0.01	2.34
W 01022	5/8	100	1,000	0.03	1.83
W 01028	3/4	50	500	0.05	5.24
W 01034	7/8	50	500	0.06	3.67
W 01040	1	25	250	0.09	12.49
W 01047	1-1/8	25	250	0.11	7.41
W 01055	1-3/8	25	250	0.15	13.01
W 01062	1-1/2	-	150	0.22	43.85
W 01063	1-5/8	10	100	0.21	17.20
W 01072	2-1/8	-	75	0.4	28.73
W 01082	2-5/8	-	50	0.66	64.68
W 01092	3-1/8	-	25	1.03	93.72
W 10100	3-5/8	-	20	1.18	175.83
W 10107	4-1/B	-	15	2.11	213.15

		ADAP	TE	CONT		
	W 01131	x 1/2	50	500	0.06	5.04
	W 01132	x 3/8	50	500	0.07	12.90
	W 01133	x 1/4	25	600	0.06	15.53
List	W 01136	3/4 x 3/4	25	250	0.14	19.00
4.58	W 01139	x 1/2	25	250	0.12	28,53
5.65	W 01145	7/B x 1	10	100	0.29	32.46
9.87	W 01146	x 3/4	25	250	0.13	8.48
9.07	W 01147	x 1/2	25	250	0.12	14.75
5.62	W 01161	1-1/8 x 1-1/2	10	100	0.48	89.79
8.39	W 01162	x 11/4	10	100	0.39	47.67
8.20	W 01163	x 1	10	100	0.24	21.91
1.02	W 01164	x 3/4	10	100	0.17	32.46
8.39	W 01165	x 1/2	10	100	0.18	40.49
5.70 1.50	W 01170	1-3/8 x 1-1/2	10	100	0.48	75.78
+.50 7.39	W 01171	x 1-1/4	10	100	0.41	32.46
7.39 3.02	W 01172	x 1	10	100	0.24	48.47
2.49	W 01173	x 3/4	10	100	0.21	55.88
2.49	W 01178	1-5/8 x 2	-	50	0.78	141.47
2.48 3.00	W 01179	x 1-1/2	10	100	0.51	37.27
\$.00 \$.18	W 01180	x 1-1/4	10	100	0.37	75.46
7.27	W 01181	x 1	10	100	0.38	89.62
1.02	W 01187	2-1/8 x 2	5	50	0.57	63.09
7.39	W 01188	x 1-1/2	-	50	0.64	145.85
7.39 5.97	W 01189	x 1-1/4		50	0.57	145.85
5.46	W 01196	2-5/8 x 2-1/2	-	20	1.26	241.66
7.27	W 01197	x 2	-	20	0.98	407.78
5.61	W 01198	x 1-1/2	-	22	0.98	416.08
9.61	W 01199	3-1/8 x 3	-	20	1.7	319.72
7.27	W 01150	4-1/8 x 4		16	3.71	433.21
3.77	100000000000000000000000000000000000000				A Statement of the second second	
7.97		A)	<u> </u>	ner:		
1.29	FITTING	_				
6.63	WC-404	F	TG x	М	1 	
9.17	Part		-			
1.84	W 01425	5ize 1/2 x 3/8	Box	Cin	Wt	Lisi
.30	W 01425		50	750	0.05	21.57
7.09	W 01431 W 01432	5/8 x 1/2 x 3/8	50	500	0.09	22.33
	W 01432 W 01446		50 50	750	0.06	51.60
	W 01446	7/8 x 3/4	50 50	500	0.15	28.73
0.500	W 01447 W 01463	x 1/2 1-1/8 x 1	50 25	500	0.13	53.84
.	W 01463 W 01464	x 3/4		250	0.23	36.53
	W 01464	x 3/4 1-3/8 x 1-1/4	25 10	250	0.19	59.75
i int	YY U1471	-3/D X 1-1/4	10	100	0.41	112.88

Part	Size	Box	Cin	Wt	Ļļsi
W 01425	1/2 x 3/8	50	750	0.05	21.57
W 01431	5/8 x 1/2	50	500	0.09	22.33
W 01432	x 3/8	50	750	0.06	51.60
W 01446	7/8 x 3/4	50	500	0.15	28.73
W 01447	x 1/2	50	500	0.13	53.84
W 01463	1-1/8 x 1	25	250	0.23	36.53
W 01464	x 3/4	25	250	0.19	59.75
W 01471	1-3/8 x 1-1/4	10	100	0.41	112.88
W 01479	1-5/8 x 1-1/2	10	100	0.49	136.78
W 01487	21/8 x 2	-	50	0.76	221.08
W 01496	2-5/8 x 2-1/2	-	20	t.95	482.61
	В	JSHI	NG		
FLUSH	_			1	itai -
WC-106	F	TG x	С	·۴	
Pari	Size	Box	Cla	Wt	List
W 01706	3/8 x 1/4	100	4,000	0.01	4.22
W 01712	1/2 x 3/8	100	4,000	0.01	4.17
	x 1/4	100	2,400	0.02	4.77
	5/6 x 1/2	100	1,500	0.02	5.02
W 01717	x 3/8	100	1,500	0.04	5.72
W 01720	3/4 x 5/8	50	750	0.03	6.12
	x 1/2	50	750	0.06	7.45
W 01722		50	750	0.08	6.93
W 01725	7/8x 3/4	50	500	0.04	9,75
	x 5/8	50	500	0.07	9.35
W 01727		50	500	0.11	10.60
	1-1/8 x 7/8	50	500	0.12	14,30
	x 3/4	50	500	0.18	16,52
W 01739		25	250	0.22	16.11
	1-3/8 x 1-1/8	10	200	0.16	17.76
	x 7/8	10	200	0.3	22.12
	1-5/8 x 1-3/8	10	100	0.22	23.35
	x 1-1/8	10	100	0.41	25.11
	2-1/8 x 1-5/8	10	100	0.68	66.97
W 01759	x 1-3/8	5	50	0.94	75.74
W 01767	2-5/8 x 2-1/8	-	50	0.92	434.62

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FEMALE	£ ,	o e			7
WC-402		CxF		1	
Part	Size	Вох	Ctri	Wt	
W 01204	1/4 x 1/2	100	300	0.1	14.58
W 01205	x 3/8	100	700	0.05	15.65
W 01206	x 1/4	100	900	0.04	19.87
W 01207	x 1/8	100	1,500	0.04	19.07
W 01214	3/8 x 3/8	50	750	0.06	15.62
W 01215	x 1/4	50	750	0.04	16,39
W 01216	x 1/8	100	1,500	0.03	18.20
W 01223	1/2 x 3/4	50	300	0.16	21.02
W 01224	x 1/2	50	500	0.1	18.39
W 01225	x 3/8	50	750	0.07	16.79
W 01226	x 1/4	50	750	0.06	14.50
W 01230	5/8 x 3/4	25	250	0.16	17.39
W 01231	x 1/2	50	500	0.1	8.02
W 01232	x 3/8	50	500	0.07	12.49
W 01233	x 1/4	50	500	0.06	12.49
W 01238	3/4 x 3/4	50	500	0.15	19.00
W 01239	x 1/2	50	500	0.09	24.18
W 01245	7/8 x 1	25	250	0.27	37.27
W 01246	x 3/4	25	250	0.14	11.02
W 01247	x 1/2	25	250	0.11	17.39
W 01261	1-1/B x 1-1/4	10	100	0.28	66.97
W 01263	x 1	25	250	0.25	25.46
W 01264	x 3/4	25	250	0.22	37.27
W 01265	x 1/2	20	200	0.25	46.61
W 01270	1-3/8 x 1-1/2	10	100	0.5	79.61
W 01271	x 1-1/4	10	100	0.45	37.27
W 01272	x 1	10	100	0.33	78.77
W 01278	1-5/8 x 2	_	60	0.74	147.97
W 01279	× 1-1/2	10	100	0.53	58.29
W 01280	x 1-1/4	5	50	0.39	86.63
W 01287	2-1/8 x 2	-	50	0.57	79.17
W 01288	x 1-1/2	5	50	0.74	128.84
W 01296	2-5/8 x 2-1/2	-	25	1.22	288.30
W 01297	3-1/8 x 3	-	15		437.09
and the	AC	DAPT	ER		
FITTING			_		<u></u>
WC-405	F	TGx	Ĩ		Ŀ,
Part	Size	Box	Ctn	WI	List
W 01514	3/8 x 3/8	50	750	0.06	24.49
W 01524	1/2 x 1/2	50	350	0.1	23.59
W 01525	x 3/8	50	750	0.05	22.00

W 01514	3/8 x 3/8	50	750	0.06	24.49
W 01524	1/2 x 1/2	50	350	0.1	23.59
W 01525	х 3/8	50	750	0.05	22.00
W 01526	x 1/4	50	750	0.06	55.57
W 01531	5/8 x 1/2	50	450	0.11	16.00
W 01532	x 3/8	50	750	0.07	21.58
W 01546	7/8 x 3/4	25	250	0.17	20.66
W 01547	x 1/2	50	500	0.11	41.76
W 01563	1-1/8 x 1	25	250	0.24	36.91
W 01564	x 3/4	25	250	0.18	81.51
W 01571	1-3/8 x 1-1/4	10	100	0.4	59.66
W 01579	1-5/8 x 1-1/2	10	100	0.46	78.32
W 01587	2~1/8 x 2	-	50	0.65	104.09
W 01596	2-5/8 x 2-1/2	-	25	1.2	561.26

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MALE WC-401	c	C x M		<u>،[</u>	
Part	Size	Box	Ctn	Wt	List
W 01105	1/4 x 3/8	50	750	0.06	29.40
W 01106	x 1/4	50	1,200	0.03	22.78
W 01107	x 1/8	50	2,400	0.02	32.01
W 01109	5/16 x 3/8	50	800	0.07	55.15
W 01110	x 1/4	50	1,200	0.03	44.73
W 01113	3/8 x 1/2	50	500	0.08	14.75
W 01114	x 3/8	50	750	0.06	30.13
W 01115	x 1/4	50	1,200	0.03	25.14
W 01116	x 1/B	50	2,000	0.02	21.65
W 01123	1/2 x 3/4	25	250	0.17	18.17
W 01124	x 1/2	50	500	0.09	16.99
W 01125	x 3/8	50	500	0.08	12.49
W 01126	x 1/4	50	750	0.05	29.46
W 01129	5/8 x 1	15	150	0.3	33.10
W 01130	x 3/4	25	250	0.17	14.75

Most fittings available in larger nominal sizes thru 8". All sizes are O.D.

Copper Fittings - Wrot & Cast

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STACKE		c	x C	,]]
WC-400					d [
Part	Siza		Cin	WI	List
W 10141	1/4	100	3,400	0	2.07
W 10142	5/16		5,600	0.01	2.32
W 10143	3/8		2,000	0.01	1.76
W 10144	1/2		1,700	0.01	2.34
W 10145	5/8	100	1,000	0.03	1.83
W 10157	3/4	25	500	0.04	5.51
W 10146	7/8	50	500	0.06	3.67
W 10147	1-1/8	25	250	0.11	7.33
W 10148	1-3/8	25	250	0.15	13.01
W 10149	1-5/B	10	100	0.22	17.20
W 10150	2-1/B		75	0.41	28,73
W 10151	2-5/8	-	50	0.66	60.99
W 10152	3-1/8	-	25	1.02	91.70
W 10153	3-5/8	-	20	1.03	175.83
W 10154	4-1/8	-	15	2,15	192.85
W 10155	5-1/8		8	3.34	474.78
W 10156	6-1/B	-	з	4.61	784.64
W 10130	8-1/8	-	1	14.13	2,542.93
	C	OUPI	ING		
REDUCI		С	xC	,] ,
WC-400	H Size	Важ	Cin	 Wi	List
W 01004	1/4 x 3/16	50	2,000	0.01	12.22
W 01005	x 1/8	50	2,000	0	13.88
W 01010	3/8 x 5/16	50	1,700	0.01	11.53
W 01011	x 1/4	50	2,000	0.01	11.97
W 01019	1/2 x 3/8	50	1,700	0.01	3.92
W 01021	x 1/4	50	1,200	0.02	5.27
W 01023	5/8 x 1/2	100	1,000	0.03	3.83
W 01025	x 3/8	100	1,000	0.03	4.64
W 01027	x 1/4	100	1,000	0.03	5.13
W 01029	3/4 x 5/8	100	600	0.05	9.35
01030	x 1/2	100	600	0.04	11.55
W 01031	x 3/8	100	600	0.04	10.21
W 01035	7/8 x 3/4	100	1,000	0.06	6.61
W 01036	x 5/8	50	500	0.08	6.51
W 01037	7/8 x 1/2	50	500	0.06	8.23
W 01038	x 3/8	50	500	0.06	8.10
W 01049	1-1/B x 7/8	25	250	0.13	12.08
W 01050	x 3/4	25	250	0.11	12.90
W 01051	x 5/8	25	250	0.11	14.28
W 01052	x 1/2	25	250	0.11	14.75
W 01056	1-3/8 x 1-1/8	10	100	0.1	16,96
W 01058	x 7/8	10	100	0.17	16.96
W 01060	x 5/8	10	100	0.17	17.61
W 01064	1-5/8 x 1-3/8	10	100	0.23	28.08
W 01065	x 1-1/8	10	100	0.23	28.08
W 01067	x 7/8	10	100	0.23	28.08
N 01067	x 5/8	10	100	0.24 0.22	
N 01073	2-1/8 x 1-5/8		100		29.60
N 01073	2-1/8 x 1-3/8 x 1-3/8		100	0.43	43.40
				0.43	43.40
N 01075	x 1-1/8 x 7/8	_	100	0.46	45.76
N 010779	x 7/6 x 5/8	-	100	0,4	46.65
N 01083	2-5/8 x 2-1/8	-	75 50	0.41	48.54
N 01084	x 1-5/8	_	50 50	0.65 0.75	95.97
V 01085	x 1-3/8	_	50 50	0.75 0.7	98.01 110.76
V 01086	x 1-3/8		50	0.71	111.46
V 01093	3-1/8 x 2-5/8	_	25	1.06	126.22
V 01094	x 2-1/8	_	25	1.1	
V 01094	x 1-5/8	_	25 25		123.65
V 10101	3-5/8 x 3-1/8	_	25 25	1.01 1.22	138.14
V 10108	4-1/8 x 3-5/8	_	20	1.87	213.63 294.82
V 10108	4-1/0 X 3-5/8 X 3-1/8	-	20		
V 10110	x 2-5/8	-	15	0.76 1.88	259.02 294.62
V 10111	x 2-1/8	-	20	1.88	283.26
		CROS	S		
ORGED	BRASS				
NT-603			xCxC	<u> </u>	<u>}</u>
	Size	Box	Cin 1,000	W1 0.05	176.52
hant A 01409	4-Jan	25	1,000		
art	4-Jan	25 P.ELE		9.5×	
art	4-Jan	ELE		2	>
VE-504	4-Jan	ELE	BOW		> List
VE-504	4-Jan 45 9	с э	BOW k C	W1 0.01	\geq
³ art A 01409	4-Jan 45 Size	2 ЕЦ С 3 Вах	BOW k C Cin		
N 01409 VE-504 Nant V 03005	4-Jan 459 <u>Size</u> 1/4	С л Бох 50	BOW K C 2,000	0.01	List 18.17

Succession					
Part	4.5° E Size	Box	W CON	UT- wi	List
W 03030	3/4	50	500	0.06	21.01
W 03034	7/8	25	250	0.09	7.76
W 03044	1-1/B	25	250	0.16	19.49
W 03050	1-3/8	10	100	0.25	26.37
W 03055	1-5/8	10	100	0.36	31.75
W 03059	2-1/8	10	50	0.6	53.02
W 03063	2-5/8	5	25	1	112.97
W 03067	3-1/8	2	20	1.53	167.68
W 03070	3-5/8	2	10	2.81	288.09
W 03073	4-1/B	-	5	3.14	357.28
	45	° El	BOW		
STREET	•	6 77	GxC	4	>
WE-505			GXC	L	[
Parl	Size	Box	Cin	WL	List
W 03312	3/8	100	3,400	0.01	20.20
W 03321	1/2	100	1,500	0.03	15.65
W 03326	5/8	50	500	0.03	5.30
W 03330	3/4	50	500	0.06	33.43
W 03334	7/8	25	250	0.09	7.83
W 03344	1-1/8	25	250	0.15	25.74
W 03350	1-3/8	10	100	0.24	32.46
W 03355	1-5/8	10	100	0.33	39.68
W 03359	2-1/8	5	50	0.61	63.09
W 03363	2-5/8	2	20	1.05	149.97
W 03368	3-1/8	2	10	1.52	203.22
W 03373	4-1/8	-	5	3.11	997.12
	45	° EL	BOW		
WE-507		FTG	x FTG	1	2
-					J
Part	Size	Box	C1n	Wt	Lisi
W 03621	1/2	50	1,700	0.02	30.09
W 03626	5/8	50	750	0.04	30.09
W 03634	7/8	25	250	0.1	33.77
W 03644	1-1/8	10	100	0.18	28.61
San Souther	90	EL	BOW		
SHORT				A	-[] ±
WE-500		¢	хC	Ę	ſ
Part	Stze	Bax	Cln	WI	List
		201			
				0.01	
W 02003 W 02009	1/4 3/8	50	2,000	0.01	7.23
W 02003	1/4 3/8	50 50	2,000 1,700	0.02	7.23 7.62
W 02003 W 02009 W 02017	1/4 3/8 1/2	50 50 50	2,000 1,700 1,000	0.02 0.03	7.23 7.62 7.23
W 02003 W 02009 W 02017 W 02022	1/4 3/8 1/2 5/8	50 50 50 100	2,000 1,700 1,000 1,000	0.02 0,03 0.05	7.23 7.62 7.23 8.10
W 02003 W 02009 W 02017 W 02022 W 02028	1/4 3/8 1/2 5/8 3/4	50 50 50 100 50	2,000 1,700 1,000 1,000 500	0.02 0.03 0.05 0.08	7.23 7.62 7.23 8.10 14.67
W 02003 W 02009 W 02017 W 02022 W 02028 W 02028	1/4 3/8 1/2 5/8 3/4 7/8	50 50 50 100 50 50	2,000 1,700 1,000 1,000 500 500	0.02 0.03 0.05 0.08 0.11	7.23 7.62 7.23 8.10 14.67 14.59
W 02003 W 02009 W 02017 W 02022 W 02028 W 02028 W 02034 W 02040	1/4 3/8 1/2 5/8 3/4 7/8 1	50 50 50 100 50 50 20	2,000 1,700 1,000 1,000 500 500 200	0.02 0.03 0.05 0.08 0.11 0.22	7.23 7.62 7.23 8.10 14.67 14.59 24.84
W 02003 W 02009 W 02017 W 02022 W 02028 W 02028 W 02034 W 02040 W 02047	1/4 3/8 1/2 5/8 3/4 7/8 1 1-1/8	50 50 50 100 50 50 20 25	2,000 1,700 1,000 1,000 500 500 200 250	0.02 0.03 0.05 0.08 0.11 0.22 0.24	7.23 7.62 7.23 8.10 14.67 14.59 24.84 19.53
W 02003 W 02009 W 02017 W 02022 W 02028 W 02028 W 02034 W 02040 W 02047 W 02084	1/4 3/8 1/2 5/8 3/4 7/8 1 1-1/8 1-3/8	50 50 50 100 50 50 20 25 10	2,000 1,700 1,000 1,000 500 500 200 250 100	0.02 0.03 0.05 0.08 0.11 0.22 0.24 0.3	7.23 7.62 7.23 8.10 14.67 14.59 24.84 19.53 20.10
W 02003 W 02009 W 02017 W 02022 W 02028 W 02028 W 02034 W 02040 W 02047 W 02084 W 02085	1/4 3/8 1/2 5/8 3/4 7/8 1 1-1/8 1-3/8 1-5/8	50 50 50 100 50 50 20 25 10	2,000 1,700 1,000 1,000 500 500 200 250 100 100	0.02 0.03 0.05 0.08 0.11 0.22 0.24 0.3 0.42	7.23 7.62 7.23 8.10 14.67 14.59 24.84 19.53 20.10 31.35
W 02003 W 02009 W 02017 W 02022 W 02028 W 02034 W 02040 W 02047 W 02084 W 02085 W 02086	1/4 3/8 1/2 5/8 3/4 7/8 1 1-1/8 1-3/8 1-5/8 2-1/8	50 50 50 50 50 50 20 25 10 10	2,000 1,700 1,000 500 500 200 250 100 100 50	0.02 0.03 0.05 0.08 0.11 0.22 0.24 0.3 0.42 0.76	7.23 7.62 7.23 8.10 14.67 14.59 24.84 19.53 20.10 31.35 57.15
W 02003 W 02009 W 02017 W 02022 W 02028 W 02034 W 02040 W 02047 W 02084 W 02085 W 02086 W 02087	1/4 3/8 1/2 5/8 3/4 7/6 1 1-1/8 1-3/8 1-5/8 2-1/8 2-5/8	50 50 50 100 50 50 20 25 10 10 10 5	2,000 1,700 1,000 500 500 200 250 100 100 50 25	0.02 0.03 0.05 0.08 0.11 0.22 0.24 0.3 0.42 0.76 1.19	7.23 7.62 7.23 8.10 14.67 14.59 24.84 19.53 20.10 31.35 57.15 114.35
W 02003 W 02009 W 02017 W 02022 W 02028 W 02028 W 02034 W 02040 W 02047 W 02084 W 02085 W 02087 W 02088	1/4 3/8 1/2 5/8 3/4 7/8 1 1-1/8 1-3/8 1-5/8 2-1/8 2-5/8 3-1/9	50 50 100 50 50 20 25 10 10 50 50 25 10 10 5 5 5	2,000 1,700 1,000 500 500 200 250 100 100 50 25 25 25	0.02 0.03 0.05 0.08 0.11 0.22 0.24 0.3 0.42 0.76 1.19 1.68	7.23 7.62 7.29 8.10 14.67 14.59 24.84 19.53 20.10 31.35 57.15 114.35 152.83
W 02003 W 02009 W 02017 W 02022 W 02028 W 02028 W 020240 W 02040 W 02047 W 02084 W 02085 W 02085 W 02085 W 02088 W 02089	1/4 3/8 1/2 5/8 3/4 7/8 1-1/8 1-5/8 2-5/8 2-5/8 3-1/8 3-5/8	50 50 50 100 50 20 25 10 10 5 5 20 25 10 10 5 5 2	2,000 1,700 1,000 1,000 500 200 250 100 100 50 25 25 100	0.02 0.03 0.05 0.08 0.11 0.22 0.24 0.3 0.42 0.76 1.19 1.68 2.77	7.23 7.62 7.23 8.10 14.67 14.59 24.84 19.53 20.10 31.35 57.15 114.35 152.83 534.21
W 02003 W 02009 W 02027 W 02022 W 02028 W 02034 W 02040 W 02040 W 02040 W 02085 W 02086 W 02086 W 02086 W 02086 W 02089 W 02090	1/4 3/8 1/2 5/8 3/4 7/8 1-1/8 1-5/8 2-1/8 2-5/8 3-1/9 3-5/8 3-5/8 4-1/8	50 50 100 50 50 20 25 10 10 50 50 25 10 10 5 5 5	2,000 1,700 1,000 500 200 250 100 100 50 25 25 10 10 10	0.02 0.03 0.05 0.08 0.11 0.22 0.24 0.3 0.42 0.76 1.19 1.68 2.77 4	7.23 7.62 7.23 8.10 14.67 14.59 24.84 19.53 20.10 31.35 57.15 114.35 152.83 534.21 391.20
W 02003 W 02009 W 02017 W 02028 W 02028 W 02034 W 02047 W 02085 W 02086 W 02088 W 02088 W 02088 W 02088 W 02088 W 02089 W 02089 W 02080 W 02089 W 02090 W 02090	1/4 3/8 1/2 5/8 3/4 7/8 1-1/8 1-3/8 1-5/8 2-1/8 2-5/8 3-1/8 3-5/8 4-1/8 6-1/8	50 50 50 50 50 20 25 10 10 5 5 2 2 5 2 2 5 2 2 2 2 2 2 2 2 2 2 2	2,000 1,700 1,000 500 500 200 250 100 100 50 25 25 10 10 10 10	0.02 0.03 0.05 0.08 0.11 0.22 0.24 0.3 0.42 0.76 1.19 1.68 2.77 4 13.73	7.23 7.62 7.23 8.10 14.67 14.59 24.84 19.53 20.10 31.35 57.15 114.35 152.83 534.21
W 02003 W 02009 W 02017 W 02022 W 02022 W 02024 W 02047 W 02040 W 02047 W 02085 W 02086 W 02087 W 02088 W 02089 W 02089 W 02089 W 02089 W 02089	1/4 3/8 1/2 5/8 3/4 1-1/8 1-3/8 1-5/8 2-1/8 2-5/8 3-1/8 3-5/8 3-1/8 3-5/8 5-1/8	50 50 50 50 50 20 25 10 10 5 5 2 2 5 2 2 5 2 2 2 2 2 2 2 2 2 2 2	2,000 1,700 1,000 500 200 250 100 100 50 25 25 10 10 10	0.02 0.03 0.05 0.08 0.11 0.22 0.24 0.3 0.42 0.76 1.19 1.68 2.77 4 13.73	7.23 7.62 7.23 8.10 14.67 14.59 24.84 19.53 20.10 31.35 57.15 114.35 152.83 534.21 391.20
W 02003 W 02009 W 02017 W 02022 W 02028 W 02028 W 02028 W 02034 W 02047 W 02084 W 02085 W 02086 W 02086 W 02088 W 02088 W 02089 W 02090 W 02090 W 02091	1/4 3/8 1/2 5/8 3/4 7/6 1 1-1/8 1-3/8 1-5/8 2-1/9 3-5/8 4-1/8 6-1/8 6-1/8	50 50 50 50 50 20 25 10 10 5 5 2 2 5 2 2 5 2 2 2 2 2 2 2 2 2 2 2	2,000 1,700 1,000 500 500 200 250 100 100 50 25 25 10 10 10 10	0.02 0.03 0.05 0.08 0.11 0.22 0.24 0.3 0.42 0.76 1.19 1.68 2.77 4 13.73	7.23 7.62 7.23 8.10 14.67 14.59 24.84 19.53 20.10 31.35 57.15 114.35 152.83 534.21 391.20 2,184.71
W 02003 W 02009 W 02017 W 02022 W 02028 W 02028 W 02040 W 02044 W 02040 W 02040 W 02040 W 02084 W 02088 W 02088 W 02080 W 02081 W 02097 W 02019	1/4 3/8 1/2 5/8 3/4 1-1/8 1-3/8 1-5/8 2-1/8 2-5/8 3-1/8 3-5/8 3-1/8 3-5/8 5-1/8	50 50 50 50 20 25 10 10 10 5 5 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2,000 1,700 1,000 500 500 200 250 100 100 50 25 25 25 10 10 10 10 10	0.02 0.03 0.05 0.08 0.11 0.22 0.24 0.3 0.42 0.75 1.19 1.68 2.77 4 13.73	7.23 7.62 7.23 8.10 14.67 14.59 24.84 19.53 20.10 31.35 57.15 114.35 152.83 534.21 391.20 2,184.71
W 02003 W 02009 W 02017 W 02022 W 02028 W 02024 W 02047 W 02047 W 02085 W 02086 W 02087 W 02080 W 02080 W 02087 W 02089 W 02097 W 02011 W 02013 W 02023	1/4 3/8 1/2 5/8 3/4 7/6 1 1-1/8 1-3/8 1-5/8 2-1/9 3-5/8 4-1/8 6-1/8 6-1/8	50 50 50 50 20 25 10 10 50 50 25 10 10 5 2 2 2 2 50	2,000 1,700 1,000 500 500 250 100 100 500 255 25 10 100 100 50 100 100 50 100 100 50 100 10	0.02 0.03 0.05 0.08 0.11 0.22 0.24 0.24 0.76 1.19 1.68 2.77 4 13.73	7.23 7.62 7.23 8.10 14.67 14.59 24.84 19.53 20.10 31.35 57.15 152.83 534.21 391.20 2,184.71 19.92
W 02003 W 02009 W 02017 W 02022 W 02028 W 02028 W 02040 W 02044 W 02040 W 02040 W 02040 W 02084 W 02088 W 02088 W 02080 W 02081 W 02097 W 02019	1/4 3/8 1/2 5/8 3/4 7/8 1-1/8 1-5/8 2-5/8 2-1/8 2-5/8 3-1/9 3-5/8 4-1/8 6-1/8 3-1/8 3-5/8 4-1/8 3-5/8	50 50 50 50 20 25 10 10 10 55 2 2 2 50 50	2,000 1,700 1,000 500 500 250 250 100 100 100 500 25 25 10 10 10 10 50 50 50 50 50 50 50 50 50 50 50 50 50	0.02 0.03 0.05 0.08 0.11 0.22 0.24 0.76 1.19 1.68 2.77 4 13.73	7.23 7.62 7.23 8.10 14.67 14.59 24.64 19.53 20.10 31.35 57.15 152.83 534.21 391.20 2,184.71 19.92 12.53
W 02003 W 02009 W 02017 W 02022 W 02028 W 02024 W 02047 W 02047 W 02085 W 02086 W 02087 W 02080 W 02080 W 02087 W 02089 W 02097 W 02011 W 02013 W 02023	1/4 3/8 1/2 5/8 3/4 7/8 1 1-1/8 2-5/8 2-1/8 2-5/8 3-1/8 3-5/8 4-1/8 6-1/8 3/8 x 1/4 1/2 x 3/8 5/8 x 1/2	50 50 50 50 20 25 10 10 10 55 2 2 50 50 50 50	2,000 1,700 1,000 500 200 200 250 100 100 50 25 25 25 10 10 10 10 1 10 1	0.02 0.03 0.05 0.08 0.11 0.22 0.24 0.3 0.42 0.76 1.19 1.68 2.77 4 13.73	7.23 7.62 7.23 8.10 14.67 14.59 24.84 19.53 20.10 31.35 57.15 152.83 534.21 391.20 2,184.71 19.92 12.53 20.20
W 02003 W 02009 W 02022 W 02022 W 02028 W 02024 W 02034 W 02047 W 02084 W 02084 W 02084 W 02089 W 02089 W 02089 W 02089 W 02097 W 02011 W 02023 W 02023 W 02025	1/4 3/8 1/2 5/8 3/4 7/8 1-1/8 1-3/8 1-5/8 2-1/8 2-1/8 3-5/8 3-1/8 3-5/8 4-1/8 6-1/8 6-1/8 5/8 x 1/4 1/2 x 3/8 5/8 x 1/2 x 3/8	50 50 50 100 50 20 25 10 10 50 25 10 10 50 22 2 2 50 50 50 50	2,000 1,700 1,000 500 500 200 250 100 100 500 25 25 25 10 10 1 1 NG 750 750 500 500	0.02 0.03 0.05 0.08 0.11 0.22 0.24 0.3 0.42 0.76 1.19 1.68 2.77 4 13.73 0.02 0.02 0.05 0.05	7.23 7.62 7.23 8.10 14.67 14.59 24.84 19.53 20.10 31.35 57.15 152.83 534.21 391.20 2,184.71 19.92 12.53 20.20 20.20 18.29
W 02003 W 02009 W 02019 W 02022 W 02028 W 02024 W 02047 W 02084 W 02085 W 02086 W 02088 W 02089 W 02080 W 02080 W 02081 W 02090 W 02021 W 02011 W 02023 W 02023 W 020290	1/4 3/8 1/2 5/8 3/4 7/6 1 1-1/8 1-3/8 1-5/8 2-1/8 3-1/8 3-5/8 4-1/8 3-5/8 4-1/8 3-5/8 4-1/8 3-5/8 4-1/8 3-5/8 4-1/2 x 3/8 5/8 x 1/4 1/2 x 3/8 5/8 x 1/4 1/2 x 3/8 3/4 x 5/8	50 50 50 50 50 50 20 25 10 10 55 2 2 - - - - - - - - - - - - - - - -	2,000 1,700 1,000 500 200 250 100 100 25 25 25 10 10 10 10 50 50 500 500	0.02 0.03 0.05 0.08 0.11 0.22 0.24 0.3 0.42 0.76 1.19 1.68 2.77 4 13.73 0.02 0.03 0.05 0.05 0.05 0.05 0.05 0.07	7.23 7.62 7.23 8.10 14.67 14.59 24.84 19.53 20.10 31.35 57.15 152.83 534.21 391.20 2,184.71 19.92 12.53 20.20 20.20 18.29 15.71
W 02003 W 02009 W 02012 W 02028 W 02028 W 02034 W 02040 W 02044 W 02040 W 02040 W 02044 W 02085 W 02086 W 02087 W 02087 W 02090 W 02091 W 02011 W 02011 W 02011 W 02025 W 02025 W 02030	1/4 3/8 1/2 5/8 3/4 7/8 1 1-1/8 2-5/8 2-1/8 2-5/8 3-1/9 3-5/8 4-1/8 6-1/8 5/8 x 1/2 x 3/8 5/8 x 1/2 x 3/8 x 1/2 x 3/4 x 5/8 x 1/2 x 3/4 x 1/2	50 50 50 50 50 20 25 10 10 50 50 50 50 50 50 50 50 50 50 50 50 50	2,000 1,700 1,000 500 500 200 250 100 100 50 25 25 25 10 10 10 50 50 500 500 500 50	0.02 0.03 0.05 0.08 0.11 0.22 0.24 0.76 1.19 1.68 2.77 4 13.73 0.02 0.03 0.05 0.05 0.05 0.07 0.11	7.23 7.62 7.23 8.10 14.67 14.59 24.84 19.53 20.10 31.35 57.15 114.35 152.83 537.15 114.35 152.83 29.120 2,184.71 19.92 12.53 20.20 20.20 20.20 15.271 13.71
W 02003 W 02009 W 02017 W 02022 W 02022 W 02034 W 02047 W 02047 W 02085 W 02086 W 02087 W 02080 W 02080 W 02087 W 02089 W 02097 W 02011 W 02023 W 02023 W 02023 W 02035	1/4 3/8 1/2 5/8 3/4 7/8 1-5/8 1-5/8 2-5/8 3-1/8 3-5/8 3-1/8 3-5/8 4-1/8 6-1/8 3/8 x 1/4 1/2 x 3/8 3/4 x 5/8 3/4 x 5/8 x 1/2 x 3/8 3/4 x 5/8 x 1/2 x 3/8 3/4 x 5/8 x 1/2 x 3/8 x 3/4 x 5/8 x 1/8 x 3/4 x 5/8 x 3/8 x 5/8 x 5/8	50 50 50 50 20 25 10 10 5 5 2 2 2 5 5 5 5 5 5 5 5 5 5 5 5 5	2,000 1,700 1,000 500 500 200 250 100 100 500 25 25 25 10 10 10 50 500 500 500 500 5	0.02 0.03 0.05 0.08 0.11 0.22 0.24 0.72 1.19 1.68 2.77 4 1.19 1.68 2.77 4 1.3.73 0.02 0.03 0.05 0.05 0.06 0.05 0.06 0.011 0.11	7.23 7.62 7.23 8.10 14.67 14.59 24.84 19.53 20.10 31.35 57.15 152.83 534.21 391.20 2,184.71 19.92 12.53 20.20 20.20 18.29 15.71 13.71 14.03
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$ \begin{split} & 0 \ 2092 \\ 0 \ 2093 \\ 3 \ -5/8 \\ 1 \\ 5 \\ 5 \ 5.3 \\ 1 \ 00209 \\ 4 \ -1/8 \\ - 1 \\ 7 \ -98 \\ 7 \ 90. 7 \\ 7 \ 90. 7 \\ 7 \ 90. 7 \\ 7 \ 90. 7 \\ 7 \ 90. 7 \\ 7 \ 90. 7 \\ 7 \ 90. 7 \\ 7 \ 90. 7 \\ 7 \ 90. 7 \\ 7 \ 90. 7 \\ 9 \ 20. 7 \\ 1 \ 10 \\ 9 \ 20. 7 \\ 1 \ 10 \\ 9 \ 20. 7 \\ 1 \ 10 \\ 9 \ 20. 7 \\ 1 \ 10 \\ 1 \ 10 \\ 9 \ 20. 7 \\ 1 \ 10 \ 10$	W 02082	2-5/8	5	25	2.05	209.60	
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V 02368 3-1/8 2 10 3.12 357.26 V 02393 3-5/8 1 5 5.52 1,250,91 V 02395 4-1/8 - 1 8.07 1,131.48 90° ELBOW	W 02386 W 02387 W 02389 W 02399 W 02399 W 02399 W 02390 W 02390 W 02809 W 02817 W 02809 W 02828 W 02828 W 02828 W 02834 W 02835	1-5/8 2-1/8 2-5/8 3-1/8 3-5/8 4-1/8 GOS DNG RADIUS SIZO 3/8 1/2 5/8 3/4 7/8 1-1/8 1-3/8 1-5/8	10 10 5 2 1 2 FTC Б ах 50 50 25 25 10 10 5	100 50 25 20 10 10 EOW EOW EOW EOW EOW EOW EOW EOW EOW EOW EOW EOW EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO	0.44 0.77 1.23 1.94 2.78 4.03 wt 0.02 0.04 0.06 0.09 0.13 0.26 0.42 0.6	40.16 87.49 149.34 222.68 861.32 511.61 12.10 23.65 16.55 19.54 19.74 33.64 49.65 70.84	
V 02393 3-5/8 1 5 5.52 1,250.91 V 02395 4-1/6 - 1 8.07 1,131.48 90° ELBOW	W 02386 W 02387 W 02389 W 02390 STREET LC WE-503L Part W 02809 W 02817 W 02809 W 02817 W 02828 W 02828 W 02828 W 02855 W 02355 W 02355 W 02363	1-5/8 2-1/8 2-5/8 3-1/8 3-5/8 4-1/8 905 0NG FADIUS 0NG FADIUS 0NG FADIUS 5/8 3/8 1/2 5/8 3/4 7/8 1-1/8 1-5/8 2-1/8	10 10 5 2 1 2 FTC 50 50 50 50 50 50 50 50 50 50 50 50 50	100 50 25 20 10 10 EOW EOW EOW EOW EOW EOW EOW EOW EOW EOW EOW EOW EOW EOW EOW EOW EOW EOW EOW EOW EOW EOW EOW EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO	0.44 0.77 1.23 1.94 2.78 4.03 W t 0.02 0.04 0.09 0.13 0.28 0.42 0.6 1.23	40.16 87.49 149.34 222.68 861.32 511.61 12.10 23.65 16.53 19.54 19.74 33.64 49.65 70.84 115.49	
V 02395 4-1/8 – 1 8.07 1,131.48 90° ELBOW	W 02386 W 02387 W 02389 W 02390 STREET LC WE-503L Part W 02809 N 02817 N 02822 N 02828 N 02828 N 02828 N 02855 N 02355 N 02353	1-5/8 2-1/8 2-5/8 3-1/8 3-5/8 4-1/8 90° 0NG RADIUS 0NG RADIUS 0NG RADIUS 0120 3/8 1/2 5/8 3/4 7/8 1-1/8 1-3/8 2-5/8	10 10 5 2 1 2 FT(Box 50 50 50 50 25 25 10 5 5 5 5 5 5 5 5 5 5 5 5 5	100 50 25 20 10 10 EOW EOW EOW EOW EOW EOW EOW EOW EOW EOW EOW EOW EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU EOU	0.44 0.77 1.23 1.94 2.78 4.03 W t 0.02 0.04 0.06 0.09 0.13 0.28 0.42 0.6 1.23 2.08	40.16 87.49 149.34 222.68 861.32 511.61 22.51 200 23.65 16.53 19.54 19.54 19.54 19.54 19.54 19.54 19.54 19.54 19.54 19.54 19.54 19.54 19.54 19.54 19.54 19.54 19.54 19.54 19.54 222.68	
	W 02386 W 02387 W 02389 W 02389 W 02390 STREET LC WE-503L Part W 02809 W 02817 W 02809 W 02828 W 02828 W 02828 W 02828 W 02834 W 02834 W 02355 N 02359 W 02393	1-5/8 2-1/8 2-5/8 3-1/8 3-5/8 4-1/8 90 90 700 700 700 700 700 10 700 700 10 700 10 700 10 700 10 700 10 700 10 700 10 20 50 50 50 50 50 50 50 50 50 50 50 50 50	10 10 5 2 1 2 FT(Eax 50 50 25 25 10 10 5 5 5 2 2 2 2 2 2 2 2 2 2 2 2 2	100 50 25 20 10 10 3 C C t n 7,700 500 500 250 250 250 250 250 100 100 100 50 250 250 250 250 250 100	0.44 0.77 1.23 1.94 2.78 4.03 Wt 0.02 0.04 0.06 0.09 0.13 0.28 0.42 0.6 1.23 2.08 3.12	40.16 87.49 149.34 222.68 861.32 511.61 12.10 23.65 16.53 19.54 19.74 33.64 49.65 70.84 115.49 222.68 357.26	
	W 02386 W 02387 W 02389 W 02390 STREET LC WE-503L M 02809 W 02834 W 02828 W 02828 W 02828 W 02834 W 02834 W 02835 W 02355 W 02355 W 02359 W 02363 W 02393	1-5/8 2-1/8 2-5/8 3-1/8 3-5/8 4-1/8 0NG RADIUS 0NG RADIUS 0NG RADIUS 3/8 1/2 5/8 3/4 7/8 1-1/8 1-5/8 2-1/8 2-5/8 3-1/8 3-5/8	10 10 5 2 1 2 FT(Eax 50 50 25 25 10 10 5 5 5 2 2 2 2 2 2 2 2 2 2 2 2 2	100 50 25 20 10 10 EOW EOW EOW EOW EOW EOW EOW EOW EOW EOW EOW EOW EOW EOW EOW EOW EOW EOW EOW EOW EOW EOW EOW EOW EOW EOW EOW EOW EOW EOW EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO	0.44 0.77 1.23 1.94 2.78 4.03 w t 0.02 0.04 0.09 0.13 0.28 0.42 0.6 1.23 2.08 3.12 5.52	40.16 87.49 149.34 222.68 861.32 511.61 12.10 23.65 16.53 19.54 19.74 33.64 49.65 70.84 115.49 222.68 357.26 1,250.91	
	W 02386 W 02387 W 02388 W 02389 W 02389 W 02390	1-5/8 2-1/8 2-5/8 3-1/8 3-5/8 4-1/8 90 0NG RADIUS 0NG RADIUS 0NG RADIUS 0NG RADIUS 0NG RADIUS 01/2 5/8 3/4 7/8 1-1/8 1-3/8 2-5/8 3-1/8 3-5/8 4-1/8	10 52 1 2 FTC 50 50 50 25 25 10 10 5 5 5 2 1 10 5 5 2 1 10 5 5 1 2 1 2 5 1 2 5 1 2 5 0 50 2 5 1 2 5 1 2 5 1 2 5 2 5 1 2 5 2 5 2 5	100 50 25 20 10 10 EOW EOW EOW EOW EOW EOW EOW EOW EOW EOW EOW EOW EOW EOW EOW EOW EOW EOW EOW EOW EOW EOW EOW EOW EOW EOW EOW EOW EOW EOW EOW EOW EOW EOOW EOOW EOOW EOOW EOOW EOOW EOOW EOOW EOOW EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EOO EO	0.44 0.77 1.23 1.94 2.78 4.03 wt 0.02 0.04 0.06 0.09 0.13 0.28 0.42 0.6 1.23 2.08 3.12 5.52 8.07	40.16 87.49 149.34 222.68 861.32 511.61 12.10 23.65 16.53 19.54 19.74 33.64 49.65 70.84 115.49 222.68 357.26 1,250.91	

SHORT RAD WE-506	DIUS	FTG	x FTG	G		
Part	Size	Box	Ctri	Wt	List	
W 02612	3/8	50	2,800	0.02	23,24	
W 02621	1/2	50	750	0.03	25.14	
W 02626	5/8	50	500	0.05	12.93	
W 02634	7/B	25	250	0.11	29.10	
W 02644	1-1/8	10	100	0.22	33.67	
W 02684	1-3/6	10	100	0.31	44,11	
W 02685	1-5/8	5	50	0.43	55.93	
W 02686	2-1/8	1	10	0.79	115.21	
W 02687	2-5/8	1	10	1.25	240.13	
W 02688	3-1/B	1	10	2.08	267,85	
W 02689	3-5/8	1	10	2.63	2,071.29	
W 02690	4-1/8	1	5	3.88	1,993.74	

		9(१ हा	BOW			
		RADIUS	FTG	x FTG	(7	Part W 01367
	WE-506	Size				<u>]</u>	W 01368
· · · · · · · · · · · · · · · · · · ·	W 02650		Box 5	Cin 50	0.44	List 70.75	W 01369 W 01370
	W 02659	5 1-5/8	5	50	0.63	101.88	W 01376
	W 02659	9 2-1/8	1	10	1.23	165.30	W 01377
		90	Pal	BOW			W 01378 W 01379
	FORGE	D BRASS			A	Ŧŀ,	W 01381
	WE-502		C	ХF	Ę	Ĵ	W 01382
	Part	Size	Box	Cin	Wt	List	W 01386
	W 02206 W 02207		50 50	450 800	0.1 0.07	41.12 41.12	W 01387 W 01388
	W 02214	3/8 x 3/8	50	600	0.1	41.12	W 01389
	W 02215 W 02216		50 50	450 700	0.09 0.08	41.12 41.12	Sagara and
	W 02225		25	300	0.00	41.12	
	W 02226		25	350	0.1	34.83	HI-EAR
	W 02230 W 02231		10 10	150 240	0.29 0.25	107.36 51.93	W-124
	W 02232		10	240	0.17	51.93	A 03167
	W 02236 W 02239		10 10	150 140	0.28 0.26	107.36 106.52	A 03168
	W 02246	5 7/8 x 3/4	10	150	0.28	88.88	A 03171
	W 02247 W 02264		10 10	150 90	0.23 0.44	91.53	
	10 02204	1/d x 0/4	10	90	0.44	224.45	SUCTIO
		90	9 EL	BOW	Alexandre		WE-554
	FORGE	D BRASS	Ċ	хM	A	Ţ,	Pari
	WE-501			X IVI	Q	<u> </u>	W 60999 W 61008
	Pert W 02106	Size x 1/4	Box 50	Cin 700	WI	List	W 61000
	W 02100		50 50	1,200	0.07 0.04	39.52 39.52	W 61001 W 61002
	W 02113		25 50	350	0.16	53.04	W 61002
	W 02114 W 02115		50 50	450 800	0.1 0.06	35.35 39.52	W 61009
	W 02116	x 1/8	50	800	0.06	39.52	
	W 02123 W 02124		10 25	140 300	0.22 0.13	93.49 62.14	SUCTIO
	W 02125		25	400	0.15	41.61	LONG R
	W 02126 W 02130		25 10	400	0.09	41.61	WE-554F
	W 02130		10 10	160 240	0.22 0.17	93.49 61.15	Parl
	W 02132		10	240	0.16	53.04	W 60998 W 60997
	W 02137 W 02138		10 10	140 210	0.9 0.22	224.45 109.66	W 60996
	W 02146	7/8 x 3/4	10	150	0.31	107.36	W 60995 W 60994
	W 02147 W 02148		15 12	180 120	0.24 0.24	93.49 93.49	W 60993
	W 02163	1-1/8 x 1	10	90	0.45	187.83	W 60992
	W 02164	x 3/4	10	120	0.44	191,54	
		FITTIN	GR	EDUC	ER		FITTING
	WC-403		ET	GxC		<u>ا ترا</u>	WC-416
						<u>س</u>	(SIZES 1/4 T. Pert
	Part Formerstern	Size	Box	Cin ING	Wł Sanaszartewa	List	A 01402
	W 01302	1/4 x 1/8	50	2,000	Ð	4.87	A 01422 A 01392
	W 01306 W 01312	3/6 x 1/4 1/2 x 3/8	50 50	2,000 2,000	0.01 0.02	5.15 5.33	A 01504
	W 01314	x 1/4	50	2,800	0.01	6.55	A 02273 A 01529
	W 01315 W 01317	5/8 x 1/2 x 3/8	50 50	750	0.03	4.32	A 01556
	W 01320	3/4 x 5/8	100	1,700 1,000	0.02 0.04	4.78 10.37	A 01590
	W 01321	x 1/2	100	900	0.04	10.49	A 01628
	W 01322 W 01325	x 3/8 7/8 x 3/4	100 50	900 500	0.04 0.06	11.02 6.61	
	W 01326	x 5/8	50	500	0.06	6.51	
	W 01327 W 01337	x 1/2 1-1/8 x 7/8	50 25	500 250	0.06 0.11	8.55 10.04	WE-512
	W 01338	x 3/4	25	250	0.1	12.17	Part
	W 01339 W 01340	x 5/8 x 1/2	25 20	250	0.1	13.08	W 06025 W 06020
	W 01343	1-3/8 x 1-1/8	10	200 100	0.1 0.17	12.37 18.49	W 06048
	W 01345	x 7/8	10	100	0.17	18.49	W 06045 W 06041
	W 01347 W 01350	x 5/8 1-5/8 x 1-3/8	10 10	100 100	0.16 0.23	18.49 24.10	W 06036
	W 01351	x 1-1/8	10	100	0.24	24.10	W 06035
	W 01353 W 01355	x 7/8 x 5/8	10 10	100 100	0.23 0.22	24.10 24.10	W 06032 W 06069
	W 01358	2-1/8 x 1-5/8	-	100	0.22	45.40	W 06062
	W 01359 W 01360	× 1-3/B x 1-1/8	-	100	0.43	45.40	W 05060 W 06058
	W 01360	x 1-1/8 x 7/8	_	100 100	0.45 0.43	47.84 47.84	W 06056
	W 01364	x 5/8	-	100	0.42	50.78	W 06053

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Pari	Size	Box	Cln	WI	Lisi
W 01367	2-5/8 x 2-1/8		50	0.62	90.37
W 01368	x 1-5/8	-	50	0.57	92.27
W 01369	x 1-3/8	-	50	0.62	93,95
W 01370 W 01376	x 1-1/8 3-1/8 x 2-5/8	_	50 25	0.63 1	105.15 116.02
W 01376	x 2-1/8	_	25	0.89	116.02 113.46
W 01378	x 1-5/8	-	50	0.92	126.79
W 01379	x 1-3/8	-	50	1.01	123.97
W 01381	3-5/8 x 3-1/8	-	20	1.28	165.12
W 01382 W 01383	x 2-5/8	-	20	1.37	165.12
W 01383	x 2-1/8 4-1/8 x 3-5/8	_	20 20	1.47 1.74	165.12 241.08
W 01387	x 3-1/8	_	15	1.74	241.08
W 01388	x 2-5/8	-	15	1.83	253.75
W 01389	x 2-1/8	-	15	1.86	267.15
	сана (с.)	IANC	SER		
HI-EAR				57	17
W-124			С	L (Ľ
Part	Size	Bax	Cin	Wt	List
A 03167	5/8	100	10,000	0.03	11.76
A 03168 A 03171	7/8	25	500	0.04	17.35
A 03171	1-1/8	25	250	0.04	21.79
		2-11;	AP		
SUCTION		С	x C	۲ ۲	ы
WE-554F					<u>ン</u>
Pari	Size	Box	նե	Wi	Lisi
W 60999 W 61008	5/B 3/4	10 10	50	0.38	72.84
W 61008	3/4 7/8	10 5	50 25	0.51 0.63	108.55 81.02
W 61001	1-1/8	3	15	0.83	123.12
W 61002	1-3/8	4	20	1.16	223.83
W 61003	1-5/8	4	4	2.28	339.84
W 61009	2-1/8	-	3	3.87	695.71
		2 TR	AP		
SUCTION				Ħ	
LONG RA	ADIUS	С	хC		
WE-554P					
	Ĺ			e	
Parl	Size	Boz	Cin	Wt	Lisi
Parl W 60998	Size 5/8	30	150	0.15	48.76
Parl W 60998 W 60997	Size 5/8 3/4	30 20	150 100	0.15 0.3	48.78 90.65
Parl W 60998	Size 5/8 3/4 7/8	30	150 100 75	0.15 0.3 0.36	48.78 90.65 100.28
Part W 60998 W 60997 W 60996	Size 5/8 3/4	30 20 15	150 100	0.15 0.3	48.78 90.65
Part W 60998 W 60997 W 60996 W 60995 W 60994 W 60993	Size 5/8 3/4 7/6 1-1/8 1-3/8 1-3/8 1-5/8	30 20 15 15	150 100 75 75 25 5	0.15 0.3 0.36 0.58 0.97 1.84	48.78 90.65 100.28 115.92 207.73 306.48
Part W 60998 W 60997 W 60996 W 60995 W 60994	Sizn 5/8 3/4 7/6 1-1/8 1-3/8	30 20 15 15	150 100 75 75 25	0.15 0.3 0.36 0.58 0.97	48.76 90.65 100.28 115.92 207.73
Part W 60998 W 60997 W 60996 W 60995 W 60994 W 60993	Size 5/8 3/4 7/6 1-1/8 1-3/8 1-3/8 1-5/8	30 20 15 15	150 100 75 75 25 5 3	0.15 0.3 0.36 0.58 0.97 1.84	48.78 90.65 100.28 115.92 207.73 306.48
Parl W 60998 W 60997 W 60996 W 60995 W 60994 W 60993 W 60992	Size 5/8 3/4 7/6 1-1/8 1-3/8 1-3/8 1-5/8	30 20 15 15 5 - -	150 100 75 75 25 5 3 G	0.15 0.3 0.36 0.58 0.97 1.84	48.78 90.65 100.28 115.92 207.73 306.48
Part W 60998 W 60997 W 60996 W 60995 W 60994 W 60993	Size 5/8 3/4 7/6 1-1/8 1-3/8 1-3/8 1-5/8	30 20 15 15 5 - -	150 100 75 75 25 5 3	0.15 0.3 0.36 0.58 0.97 1.84	48.78 90.65 100.28 115.92 207.73 306.48 665.73
Part W 60998 W 60997 W 60995 W 60995 W 60994 W 60993 W 60992 FITTING WC-416	Size 5/8 3/4 7/6 1-1/8 1-3/8 1-3/8 1-5/8	30 20 15 15 5 - - - - - -	150 100 75 75 25 5 3 G	0.15 0.3 0.36 0.58 0.97 1.84	48.78 90.65 100.28 115.92 207.73 306.48
Part W 60998 W 60997 W 60995 W 60995 W 60994 W 60993 W 60992 FITTING WC-416	Size 5/B 3/4 7/6 1-1/8 1-3/8 1-5/9 2-1/8	30 20 15 15 5 - - - - - -	150 100 75 75 25 5 3 G	0.15 0.3 0.36 0.58 0.97 1.84	48.78 90.65 100.28 115.92 207.73 306.48 665.73
Parl W 60998 W 60997 W 60995 W 60994 W 60993 W 60993 W 60993 W 60993 W 60993 W 60993 W 60993 W 60993 W 60992 Caller (Caller) (Cal	Size 5/8 3/4 7/6 1-1/8 1-5/8 2-1/8 4RU 1½ BRASS F <u>Size</u> 1/4	30 20 15 5 - - - - - - - - - - -	150 100 75 75 5 5 3 G TG	0.15 0.3 0.36 0.58 0.97 1.84 3.61 	48.76 90.65 100.28 115.92 207.73 306.48 665.73
Parl W 60998 W 60997 W 60995 W 60995 W 60995 W 60992 W 60992 FITTING WC-416 (SIZES ¼ TI Parl A 01402	Size 5/8 3/4 7/8 1-1/8 1-5/8 2-1/8 4RU 1½ BRASS F 5/20 2-1/8 1-5/8 2-1/8 1-5/8 2-1/8	30 20 15 5 - - - - - - - - - - -	150 100 75 25 5 3 (C) TG 500 4,000	0.15 0.3 0.58 0.97 1.84 3.61 WI 0.01 0.01	48.78 90.65 100.28 115.92 207.73 306.48 665.73
Parl W 60998 W 60997 W 60995 W 60994 W 60993 W 60993 W 60993 W 60993 W 60993 W 60993 W 60993 W 60993 W 60992 Caller (Caller) (Cal	Size 5/B 3/4 7/6 1-3/8 1-3/8 1-5/8 2-1/8 4RU 1½ BRASS F 5ize 1/4 3/8 1/2	30 20 15 5 - - - F tOD) Box 50 100 50	150 100 75 25 5 3 G TG 500 4,000 2,000	0.15 0.3 0.58 0.97 1.84 3.61 0.01 0.01 0.02	48.76 90.65 100.28 115.92 207.73 306.48 665.73
Parl W 60998 W 60997 W 60995 W 60995 W 60995 W 60992 W 6092 W 6042 A 01422 A 01392 <td>Size 5/8 3/4 7/8 1-1/8 1-5/8 2-1/8 4RU 1½ BRASS F 5/20 2-1/8 1-5/8 2-1/8 1-5/8 2-1/8</td> <td>30 20 15 5 - - - - - - - - - - -</td> <td>150 100 75 25 5 3 (C) TG 500 4,000</td> <td>0.15 0.3 0.58 0.97 1.84 3.61 WI 0.01 0.01</td> <td>48.78 90.65 100.28 115.92 207.73 306.48 665.73</td>	Size 5/8 3/4 7/8 1-1/8 1-5/8 2-1/8 4RU 1½ BRASS F 5/20 2-1/8 1-5/8 2-1/8 1-5/8 2-1/8	30 20 15 5 - - - - - - - - - - -	150 100 75 25 5 3 (C) TG 500 4,000	0.15 0.3 0.58 0.97 1.84 3.61 WI 0.01 0.01	48.78 90.65 100.28 115.92 207.73 306.48 665.73
Paril W 60998 W 60997 W 60995 W 60995 W 60992 W 60992 FITTING WC-416 (SIZES ¼ IT A 01402 A 01422 A 01392 A 012273 A 01529	Size 5/8 3/4 7/6 1-3/8 1-5/8 2-1/8 4RU 1½ BRASS F 5/8 1/4 3/8 1/2 5/8	30 20 15 5 - - - F 0D) Box 50 100 50 50	150 100 75 25 5 3 G TG C in 5 00 4,000 2,000 1,200	0.15 0.3 0.36 0.97 1.84 3.61 WI 0.01 0.01 0.02 0.03	48.76 90.65 100.28 115.92 207.73 306.48 665.73
Part W 60998 W 60997 W 60995 W 60995 W 60992 W 6092 W 604 W 604 W 604 W 604 W 604	Size 5/8 3/4 7/6 1-3/8 1-5/8 2-1/8 4RU 1½ BRASS F 5/20 1/4 3/8 1/2 5/8 3/4 7/8 1-1/8	30 20 15 15 5 - - - - - - - - - - - - - - - -	150 100 75 25 5 3 G C tn C tn C tn 4 ,000 2,000 1,200 560 600 375	0.15 0.3 0.58 0.97 1.84 3.61 WI 0.01 0.03 0.03 0.03 0.07 0.12	48.76 90.65 100.28 115.92 207.73 306.48 665.73
Part W 60998 W 60997 W 60995 W 60995 W 60995 W 60992 W 60993 W 60993 W 60994 W 60992 W 6092 W 6092 W 6092 W 6092 W 6092 W 6042 A 01402 A 01504 A 01529 A 01529 A 01520 A 01590	Size 5/8 3/4 7/6 1-3/8 1-5/8 2-1/8 4RU 1½ BRASS F 5/8 1/4 3/8 1/2 5/8 3/4 7/8 1-1/9 1-3/8	30 20 15 15 5 - - - F ROD) Box 50 100 50 50 10 50 25 15	150 100 75 25 5 3 G C in 500 4,000 2,000 1,200 560 600 375 180	0.15 0.3 0.58 0.97 1.84 3.61 0.01 0.01 0.01 0.02 0.03 0.05 0.07 0.12 0.2	48.76 90.65 100.28 115.92 207.73 306.48 665.73
Part W 60998 W 60997 W 60995 W 60995 W 60992 W 6092 W 604 W 604 W 604 W 604 W 604	Size 5/B 3/4 7/6 1-3/8 1-5/9 2-1/8 4RU 1½ BRASS F 5/9 2-1/8 5/8 3/4 3/8 1/2 5/8 3/4 7/8 1-1/8 1-3/8 1-5/8	30 20 15 55 - - - PLE U 800} Box 50 100 50 50 10 50 10 50 10 50 10 50	150 100 75 25 5 3 G TG C in C in 4 ,000 2,000 1,200 560 600 375 160 120	0.15 0.3 0.58 0.97 1.84 3.61 <u>WI</u> 0.01 0.02 0.03 0.03 0.03 0.07 0.12 0.28	48.76 90.65 100.28 115.92 207.73 306.48 665.73
Part W 60998 W 60997 W 60995 W 60995 W 60995 W 60992 W 60993 W 60993 W 60994 W 60992 W 6092 W 6092 W 6092 W 6092 W 6092 W 6042 A 01402 A 01504 A 01529 A 01529 A 01520 A 01590	Size 5/B 3/4 7/6 1-3/8 1-5/9 2-1/8 4RU 1½ BRASS F 5/9 2-1/8 5/8 3/4 3/8 1/2 5/8 3/4 7/8 1-1/8 1-3/8 1-5/8	30 20 15 55 - - - PLE U 800} Box 50 100 50 50 10 50 10 50 10 50 10 50	150 100 75 25 5 3 G C in 500 4,000 2,000 1,200 560 600 375 180	0.15 0.3 0.58 0.97 1.84 3.61 <u>WI</u> 0.01 0.02 0.03 0.03 0.03 0.07 0.12 0.28	48.76 90.65 100.28 115.92 207.73 306.48 665.73
Paril W 60998 W 60996 W 60995 W 60995 W 60996 W 60996 W 60992 FITTING WC-416 (SIZES ¼ 11 A 01402 A 01402 A 01392 A 01392 A 01529 A 01529 A 01556 A 01528	Size 5/B 3/4 7/6 1-3/8 1-5/9 2-1/8 4RU 1½ BRASS F 5/9 2-1/8 5/8 3/4 3/8 1/2 5/8 3/4 7/8 1-1/8 1-3/8 1-5/8	30 20 15 5 - - 20 15 5 - - - - 20 10 50 100 50 25 10 25 10 25 10 25 10 25 10 20 20 20 20 20 20 20 20 20 2	150 100 75 25 5 3 G TG C in C in 4 ,000 2,000 1,200 560 600 375 160 120	0.15 0.3 0.58 0.97 1.84 3.61 <u>WI</u> 0.01 0.02 0.03 0.03 0.03 0.07 0.12 0.28	48.76 90.65 100.28 115.92 207.73 306.48 665.73
Parl W 60998 W 60997 W 60995 W 60995 W 60992 W 6092 W 6092	Size 5/B 3/4 7/6 1-3/8 1-5/9 2-1/8 4RU 1½ BRASS F 5/9 2-1/8 5/8 3/4 3/8 1/2 5/8 3/4 7/8 1-1/8 1-3/8 1-5/8	30 20 15 5 - - 20 15 5 - - - - 20 10 50 100 50 25 10 25 10 25 10 25 10 25 10 20 20 20 20 20 20 20 20 20 2	150 100 75 25 5 3 G C in C in C in C in 2,000 1,200 560 600 0,375 180 120 BE ND	0.15 0.3 0.58 0.97 1.84 3.61 <u>wi</u> 0.01 0.02 0.03 0.03 0.03 0.07 0.12 0.28	48.76 90.65 100.28 115.92 207.73 306.48 665.73
Parl W 60998 W 60997 W 60995 W 60995 W 60992 W 60992 FITTING WC-416 (SIZES ¼ T) Part A 01402 A 01402 A 01402 A 01504 A 01529 A 01529 A 01529 WE-512 Part WE-512	Size 5/8 3/4 7/6 1-3/8 1-5/8 2-1/8 4RU 1½ BRASS F 5/8 1/2 5/8 3/4 7/8 1-1/9 1-3/8 1-5/8 3/4 7/8 1-5/8 3/4 5/8 3/4 7/8 1-5/8 3/4 7/8 1-5/8 3/4 7/8 1-5/8 3/4 7/8 1-5/8 2-1/8 1/2 5/8 3/4 7/8 1-5/8 2-1/8 1/2 5/8 3/4 7/8 1/2 5/8 2-1/8 1/2 5/8 2-1/8 1/2 5/8 2-1/8 1/2 5/8 2-1/8 1/2 5/8 2-1/8 1/2 5/8 2-1/8 1/2 5/8 2-1/8 1/2 5/8 2-1/8 1/2 5/8 2-1/8 1/2 5/8 2-1/8 1/2 5/8 2-1/8 1/2 5/8 2-1/8 1/2 5/8 2-1/8 1/2 5/8 2-1/8 1/2 5/8 2-1/8 1/2 5/8 2-1/8 1/2 5/8 2-1/8 2-1/8 1/2 5/8 2-1/8 1/2 5/8 2-1/8 1/2 5/8 2-1/8 1/2 5/8 2-1/8 1/2 5/8 2-1/8 1/2 5/8 2-1/8 1/2 5/8 2-1/8 1/2 5/8 2-1/8 1/2 5/8 2-1/8 1/2 5/8 2-1/8 1/2 5/8 2-1/8 1/2 5/8 2-1/8 1/2 5/8 2-1/8 1/2 5/8 2-1/8 2-1/8 1/2 5/8 2-1/8 2-	30 20 15 5 - - - - - - - - - - - - -	150 100 75 25 5 3 G C in 500 4,000 1,200 560 600 2,000 1,200 560 600 375 180 120 B E I D I 20 5 5 5 5 7 5 5 7 5 5 5 5 5 7 5 5 5 5 5	0.15 0.3 0.58 0.97 1.84 3.61 0.01 0.01 0.02 0.03 0.05 0.05 0.05 0.12 0.2 0.28	48.78 90.65 100.28 115.92 207.73 306.48 665.73
Parl W 60998 W 60997 W 60995 W 60995 W 60995 W 60992 FITTING WC-416 (SIZES ¼ T) A 01402 A 01402 A 01504 A 01529 A 01529 A 01529 A 01529 A 01529 WE-512 Part W 06025 W 06025	Size 5/8 3/4 7/6 1-3/8 1-5/0 2-1/8 4RU 1½ BRASS F 5/8 3/4 1/2 5/8 3/4 7/8 1-1/8 1-3/9 1-5/0 FIEN 3/8 x 4-1/2 x 1-1/2	30 20 15 5 - - C C 10 10 50 50 10 50 50 10 50 10 50 10 50 10 50 10 50 15 55 15 5 5 5 5 5 5 5 5 5 5 5 5 5	150 100 75 25 5 3 G C I G C I G C I G C I G C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I I C I C I C I I C I C I C I C I I C I C I I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I I C I C I C I I C I C I I C I I C I I I C I I I C I I I C I I I C I I I C I I I I I I I I I I	0.15 0.3 0.58 0.97 1.84 3.61 0.01 0.01 0.02 0.03 0.05 0.07 0.12 0.28 0.28	48.78 90.65 100.28 115.92 207.73 306.48 665.73 18.97 18.97 22.33 30.12 20.97 22.11 39.17 51.63 69.55 20.55
Parl W 60998 W 60995 W 60995 W 60995 W 60996 W 60992 FITTING WC-416 (SIZES ¼ h) A 01422 A 01422 A 01422 A 01524 A 01526 A 01526 A 01528 WE-512 Part W 060205 W 060205 W 060205 W 060205 W 060205	Size 5/B 3/4 7/6 1-3/8 1-5/9 2-1/8 4RU 1½ BRASS F 5/8 1/4 3/8 1/2 5/6 3/8 1-1/8 1-3/9 1-5/9 FEDI Size 3/8 x 4-1/2 x 1-1/2 x 5/8	30 20 15 5 - - - - - - - - - - - - -	150 100 75 25 5 3 G TG C in 120 3 6 00 375 180 120 5 600 375 180 120 5 6 0 0 1 2000 1 2000 1 2000 1 2000 1 2000 1 2000 1 2000 1 2000 1 2000 1 2000 1 2000 1 2000 1 2000 1 2000 1 2000 1 2000 1 2000 1 2000 1 2000 1 2000 1 2000 1 2000 1 2000 1 2000 1 2000 1 2000 1 2000 1 2000 1 2000 1 2000 1 2000 1 2000 1 2000 1 2000 1 2000 1 2000 1 2000 1 2000 1 2000 1 2000 1 2000 1 2000 1 2000 1 2000 1 2000 1 2000 1 2000 1 2000 1 2000 1 2000 1 2000 1 2000 1 2000 1 2000 1 200 1 200 1 200 1 200 1 200 1 200 1 200 1 200 1 200 1 200 1 1200 1 200 1 200 1 1200 1 200 1 200 1 1200 1 200 1 200 1 1200 1 200 1 200 1 1200 1 200 1 200 1 1200 1 200 1 200 1 1200 1 200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 1 100 1 100 1 100 1 100 1 100 1 100 	0.15 0.3 0.58 0.97 1.84 3.61 0.01 0.01 0.02 0.03 0.03 0.05 0.07 0.12 0.28 0.28 wt 0.28	48.76 90.65 100.28 115.92 207.73 306.48 665.73
Parl W 60998 W 60997 W 60995 W 60995 W 60992 W 60925 W 6042 A 01422 A 01422 A 01422 A 01422 A 01422 A 01529 A 01529 A 01529 A 01528 W 05045 W 06025 W 06025 W 06045	Size 5/8 3/4 7/6 1-3/8 1-5/8 2-1/8 4RU 1½ BRASS F 5/8 1/4 3/8 1/2 5/6 3/4 7/8 1-1/8 1-3/8 1-5/8 2-1/8 1/2 5/6 3/4 7/8 1-1/8 1-3/8 1-5/8 2-1/8 1/2 5/8 3/4 1/2 5/8 2-1/8 1/2 2-1/8 1/2 5/8 2-1/8 1/2 2-1/8 1/2 2-1/8 1/2 2-1/8 1-2/8 2-1/8 1/2 2-1/8 1/2 2-1/8 1/2 2-1/8 1/2 2-1/8 1-2/8 1-2/8 2-1/8 1-2/8 2-1/8 1-2/8 1-2/8 2-1/8 1-2/8 2-1/8 1-2/8 2-1/2 2-	30 20 15 5 5 - - - - - - - - - - - - - - - -	150 100 75 25 5 3 G C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I I C I I C I I C I I C I I C I I C I I C I I C I I C I I C I I C I I C I I C I I C I I C I I C I I C I C I I C I I C I I C I I C I I C I I C I I C I I C I I C I I C I I C I I C I I C I I C I I C I I C I I C I I I C I I I I I I I I I I	0.15 0.3 0.58 0.97 1.84 3.61 0.01 0.01 0.02 0.03 0.05 0.07 0.12 0.28 0.28 w: 0.1 0.20 0.28	48.76 90.65 100.28 115.92 207.73 306.48 665.73
Parl W 60998 W 60995 W 60995 W 60995 W 60996 W 60992 FITTING WC-416 (SIZES ¼ h) A 01422 A 01422 A 01422 A 01524 A 01526 A 01526 A 01528 WE-512 Part W 060205 W 060205 W 060205 W 060205 W 060205	Size 5/B 3/4 7/6 1-3/8 1-5/9 2-1/8 4RU 1½ BRASS F 5/8 1/4 3/8 1/2 5/6 3/8 1-1/8 1-3/9 1-5/9 FEDI Size 3/8 x 4-1/2 x 1-1/2 x 5/8	30 20 15 5 - - C C 10 10 50 50 10 50 50 10 50 10 50 10 50 10 50 10 50 15 55 15 5 5 5 5 5 5 5 5 5 5 5 5 5	150 100 75 25 5 3 G TG C in 120 3 6 00 375 180 120 5 600 375 180 120 5 6 0 0 1 2000 1 2000 1 2000 1 2000 1 2000 1 2000 1 2000 1 2000 1 2000 1 2000 1 2000 1 2000 1 2000 1 2000 1 2000 1 2000 1 2000 1 2000 1 2000 1 2000 1 2000 1 2000 1 2000 1 2000 1 2000 1 2000 1 2000 1 2000 1 2000 1 2000 1 2000 1 2000 1 2000 1 2000 1 2000 1 2000 1 2000 1 2000 1 2000 1 2000 1 2000 1 2000 1 2000 1 2000 1 2000 1 2000 1 2000 1 2000 1 2000 1 2000 1 2000 1 2000 1 2000 1 2000 1 200 1 200 1 200 1 200 1 200 1 200 1 200 1 200 1 200 1 200 1 1200 1 200 1 200 1 1200 1 200 1 200 1 1200 1 200 1 200 1 1200 1 200 1 200 1 1200 1 200 1 200 1 1200 1 200 1 200 1 1200 1 200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 1200 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 1 100 1 100 1 100 1 100 1 100 1 100 	0.15 0.3 0.58 0.97 1.84 3.61 0.01 0.01 0.02 0.03 0.03 0.05 0.07 0.12 0.28 0.28 wt 0.28	48.76 90.65 100.28 115.92 207.73 306.48 665.73
Partl W 60998 W 60995 W 60995 W 60995 W 60992 W 60992 FITTING WC-416 (SIZES ¼ IT A 01402 A 01422 A 01422 A 01422 A 01526 A 01526 A 01526 A 01528 WE-512 Part W 06025 W 06025 W 06025 W 06026 W 06025 W 06036 W 06035	Size 5/B 3/4 7/6 1-3/8 1-5/9 2-1/8 4RU 1½ BRASS F 5/2 1/4 3/8 1/2 5/8 3/8 1-1/8 1-3/8 1-5/8 FEDI 3/8 x 4-1/2 x 1-1/2 x 1-1/2 x 2 x 12-9/32	30 20 15 5 - - - - - - - - - - - - -	150 100 75 25 5 3 G C in 500 4,000 2,000 1,200 560 600 375 180 120 B E I D I 200 250	0.15 0.3 0.58 0.97 1.84 3.61 0.01 0.01 0.02 0.03 0.05 0.05 0.05 0.05 0.12 0.28 W1 0.1 0.02 0.28 W1 0.1 0.02	48.78 90.65 100.28 115.92 207.73 306.48 665.73
Part W 60998 W 60997 W 60995 W 60995 W 60992 W 60925 A 01422 A 01422 A 01422 A 01422 A 01422 A 01529 A 01526 A 01528 W 05041 W 06036 W 06036 W 06032	Size 5/8 3/4 7/6 1-3/8 1-5/8 2-1/8 4RU 1½ BRASS F 5/2 1/4 3/8 1/2 5/6 3/4 7/8 1-1/8 1-3/8 1-5/8 2-1/8 1/2 5/6 3/4 7/8 1-1/8 1-3/8 1-5/8 2-1/8 1/2 5/8 3/4 1-1/8 1-3/8 1-5/8 2-1/8 1/2 5/8 3/4 1/2 5/8 2-1/8 1/2 5/8 2-1/8 1/2 5/8 2-1/8 1/2 5/8 2-1/8 1/2 5/8 2-1/8 1/2 5/8 2-1/8 1/2 5/8 2-1/8 2-1/8 2-2/8 2-1/8 2-2/8 2-	30 20 20 15 5 5 - - - - - 20 0 0 0 0 50 100 50 100 50 100 50 25 15 10 0 0 25 25 25 50 50	150 100 75 25 5 3 G C TG C C 120 C C 120 C 1 200 2 500 1 200 2 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 11 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1 1 20 1 1 1 1 1 1 1 1 1 1	0.15 0.3 0.58 0.97 1.84 3.61 0.01 0.01 0.02 0.03 0.05 0.07 0.12 0.28 0.28 wt 0.1 0.21 0.21 0.21 0.21 0.21 0.14 0.11 0.05 0.06 0.06	48.78 90.65 100.28 115.92 207.73 306.48 665.73
Parl W 60998 W 60997 W 60995 W 60995 W 60992 W 60992 FITTING WC-416 (SIZES ¼ T) Part A 01402 A 01402 A 01422 A 01504 A 01526 A 01526 A 015273 A 01529 A 01529 A 01529 W 05045 W 06025 W 06048 W 06035 W 06036	Size 5/8 3/4 7/6 1-3/8 1-5/8 2-1/8 4RU 1½ BRASS F 5/8 1-5/8 1/2 5/8 3/4 7/8 1-1/9 1-3/8 1-5/8 5/8 3/4 7/8 1-1/9 1-3/8 1-5/8 5/8 3/4 7/8 1-1/9 1-3/8 1-5/8 2-1/2 5/8 3/4 7/8 1-1/2 1/2×6 × 4 × 3 × 2 × 1-1/2 5/8 × 6	30 20 15 5 - - - - - - - - - - - - -	150 100 75 25 5 3 G C in 500 4,000 1,200 560 600 2,000 1,200 560 600 375 180 120 S f f f f f f f f f f	0.15 0.3 0.58 0.97 1.84 3.61 0.01 0.01 0.02 0.03 0.05 0.07 0.12 0.2 0.28 wi 0.1 0.02 0.28 wi 0.1 0.02 0.28 wi 0.1 0.02 0.28	48.78 90.65 100.28 115.92 207.73 306.48 665.73
Partl W 60998 W 60995 W 60995 W 60995 W 60996 W 60992 FITTING WC-416 (SIZES ¼ IT A 01402 A 01422 A 01422 A 01422 A 01529 A 01529 A 01529 A 01529 W 05021 W E-512 Part W 06025 W 06025 W 06048 W 06032 W 060348 W 06035 W 06032 W 06032 W 060348 W 060458	Size 5/B 3/4 7/6 1-3/8 1-5/9 2-1/8 4RU 1½ BRASS F 5/8 1/4 3/8 1/2 5/8 3/4 7/8 1-1/8 1-5/8 5-5/8	30 20 15 15 5 - - PEU F 100 50 50 50 50 50 100 50 25 10 E 8 0 25 10 10 10 50 50 50 50 50 50 50 50 50 5	150 100 75 25 5 3 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 GG G 5 GG 7 G 5 G GG G GG GGGG GGGGGGGGGGGGG	0.15 0.3 0.58 0.97 1.84 3.61 0.01 0.01 0.02 0.03 0.05 0.07 0.12 0.28 0.28 wt 0.1 0.28 0.28 wt 0.1 0.02 0.21 0.14 0.02 0.21 0.14 0.02 0.21 0.14 0.02 0.21 0.14 0.02 0.21 0.14 0.02 0.21 0.14 0.02 0.21 0.14 0.02 0.21 0.14 0.02 0.21 0.14 0.02 0.21 0.14 0.28 0.07 0.12 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.0	48.76 90.65 100.28 115.92 207.73 306.48 665.73
Partl W 60998 W 60997 W 60995 W 60995 W 60992 FITTING WC-416 (SZES ¼ T) A 01402 A 01422 A 01422 A 01422 A 01422 A 01526 A 01526 A 01526 A 01526 A 01526 A 015273 A 01528 WE-512 Part W 060255 W 06026 W 06026 W 06025 W 06026 W	Size 5/8 3/4 7/6 1-3/8 1-5/8 2-1/8 4RU 1½ BRASS F 5/8 1-5/8 1/2 5/8 3/4 7/8 1-1/9 1-3/8 1-5/8 5/8 3/4 7/8 1-1/9 1-3/8 1-5/8 5/8 3/4 7/8 1-1/9 1-3/8 1-5/8 2-1/2 5/8 3/4 7/8 1-1/2 1/2×6 × 4 × 3 × 2 × 1-1/2 5/8 × 6	30 20 15 5 - - 100 50 50 50 50 50 50 50 50 50	150 100 75 25 5 3 G C I G C I G C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I C I I C I I C I I C I I C I I C I I C I I C I I C I I I C I I I C I I I C I I I C I I I I I C I I I I I I I I I I	0.15 0.3 0.58 0.97 1.84 3.61 0.01 0.01 0.02 0.03 0.05 0.07 0.12 0.28 0.28 0.28 0.21 0.12 0.21 0.21 0.21 0.11 0.02 0.21 0.12 0.21 0.12 0.03 0.05 0.11 0.02 0.11 0.02 0.21 0.12 0.05 0.11 0.02 0.11 0.02 0.12 0.12 0.12 0.12	48.76 90.65 100.28 115.92 207.73 306.48 665.73
Partl W 60998 W 60995 W 60995 W 60995 W 60996 W 60992 FITTING WC-416 (SIZES ¼ IT A 01402 A 01422 A 01422 A 01422 A 01529 A 01529 A 01529 A 01529 W 05021 W E-512 Part W 06025 W 06025 W 06048 W 06032 W 060348 W 06035 W 06032 W 06032 W 060348 W 060458	Size 5/B 3/4 7/6 1-3/8 1-5/8 2-1/8 4RU 1½ BRASS F 5/8 1-5/8 3/8 1-1/8 1-3/8 1-5/8 1-5/8 CEDI 3/8 x 4-1/2 x 1-1/2 x 1-1/2 x 1-1/2 x 2 x 1-2-9/32 x 1-1/2 5/8 x 6 x 3-3/8 x 3	30 20 15 15 5 - - PEU F 100 50 50 50 50 50 100 50 25 10 E 8 0 25 10 10 10 50 50 50 50 50 50 50 50 50 5	150 100 75 25 5 3 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 G 5 GG G 5 GG 7 G 5 G GG G GG GGGG GGGGGGGGGGGGG	0.15 0.3 0.36 0.58 0.97 1.84 3.61 0.01 0.01 0.02 0.03 0.05 0.07 0.12 0.28 0.28 wt 0.1 0.20 0.21 0.21 0.21 0.21 0.21 0.21	48.76 90.65 100.28 115.92 207.73 306.48 665.73
Part W 60998 W 60997 W 60995 W 60995 W 60992 W 60925 A 01422 A 01422 A 01422 A 01422 A 01526 A 01529 A 01528 W E-512 Part W 06025 W 06026 W 06041 W 06036 W 060628 W 060628 W 06058 W 06058	Size 5/8 3/4 7/6 1-3/8 1-5/8 2-1/8 4RU 1½ BRASS F 5/2 1/4 3/8 1/2 5/6 3/4 1/2 5/8 3/4 1/2 5/8 3/4 1/2 5/8 3/4 1-1/8 1-3/8 1-5/8 2-1/8 1/2 5/8 3/4 1/2 5/8 3/8 3/4 7/8 1/2 5/8 3/8 3/4 3/8 1/2 5/8 3/8 3/8 3/8 3/8 3/8 3/8 3/8 3/8 5/8 3/8 5/8 3/8 5/8 3/8 5/8 3/8 5/8 5/8 3/8 5/8 5/8 3/8 5/8 5/8 3/8 5/8 5/8 3/8 5/8 5/8 3/8 5/8 5/8 3/8 5/8 5/8 5/8 5/8 5/8 5/8 3/8 5/8 5/8 5/8 5/8 5/8 5/8 5/8 5/8 5/8 5	30 20 15 5 - - - 20 15 5 - - - - 20 - - - - - - - - - - - - -	150 100 75 25 5 3 3 C TG Cin 2,000 1,200 560 600 2,000 1,200 560 600 375 180 120 S60 600 1,200 560 600 2,000 1,200 560 600 2,000 1,200 560 600 2,000 1,200 560 600 2,000 1,200 560 600 2,000 1,200 560 600 1,200 5,00 2,000 1,200 5,000 1,200 1,0000 1	0.15 0.3 0.58 0.97 1.84 3.61 0.01 0.01 0.02 0.03 0.05 0.07 0.12 0.2 0.28 0.28 0.28 0.28 0.21 0.2 0.21 0.2 0.21 0.2 0.21 0.21 0.	48.76 90.65 100.28 115.92 207.73 306.48 665.73

Copper Fittings - Wrot & Cast

	RETURN	I BE	ND CC	INT.	
Part	Size	Box	Ctn	Wt	List
W 06051	x 19/16	25	250	0.1	32,91
W 06084	3/4 x 4	-	120	0.25	42.38
W 06081	x 3-3/8	10	90	0.24	42.38
W 06077	x 2-1/2	10	100	0.17	43.71
W 06074	x 2-1/8	10	100	0.16	47.85
W 06073	x 2	10	100	0.15	47.85
W 06099	7/8 x 12		15	0.88	71.04
W 06095	x 3-3/8	10	100	0.29	50,32
W 06092	x 2-1/2	10	10D	0.23	36.09
W 60111	1-1/8 x 3-1/4	5	50	0.49	90.05
W 60110	xЭ	5	50	0.47	78.32
W 60121	1-3/8 x 3-3/4	5	50	0,65	134.10
W 60131	1-5/8 x 4-1/2	5	25	1	161.71
W 60140	2-1/8 x 5-1/2	5	25	1.92	421.98

WT-600		C	x C x C			
Part	Size	Вся	Cin	WI	List	
W 40302 W 40306	3/16	50	1,700	0.01	20.23	
W 40308 W 40313	1/4 5/16	100 50	2,400 1,700	0.01 0.01	14.39	
W 04000	3/8	50	1,700	0.01	17.15 15.21	
W 04001	1/2	50	500	0.04	12.22	
W 04006	5/8	50	500	0.07	4.13	
W 04017	3/4	25	250	0.12	26.55	
W 04031	7/8	25	250	0.16	9.95	
W 04048	1-1/8	10	100	0.29	30.75	
W 04068 W 04084	1-3/8	5	50	0.42	42.03	
W 40102	1-5/8 2-1/8	5 5	50 25	0.6 1.14	64.79	
W 40123	2-5/8	2	20	1.72	101.01 203.82	
W 40152	3-1/8	2	10	2.77	311.07	
W 40190	3-5/8	1	5	5.66	900.79	
W 40200	4-1/8	1	5	5.99	752.85	
W 40400	5-1/8	-	1	12.38	2,464.40	
W 40500	6-1/8	-	1	20.85	3,357,92	
Contraction Contraction			CING			
W 40368 W 40308	1/4x1/4x3/8 x 3/16	50	750	0.03	36.64	
W 40308	5/16x5/16x3/8	50 50	2,000 750	0.01 0.03	27.64	
W 04016	3/8x3/8x5/8	50	500	0.03	49.60 27.12	
W 04005	x 1/2	50	500	0.04	35.83	
W 40324	x 1/4	50	1,700	0.02	24.47	
W 40330	x 1/4 x 3/8	50	500	0.02	32.25	
W 40332	x 1/4	50	1,700	0.02	32.25	
W 04015	1/2x1/2x5/B	50	500	0.09	23.35	
W 04002	x 3/8	50	500	0.04	24.18	
W 40350 W 04003	x 1/4 x 3/8x1/2	50	500	0.04	24.18	
W 04003 W 04004	x 3/0x 1/2 x 3/8	50 50	500 500	0.05 0.04	36.65	
W 40358	x 1/4	50	750	0.04	34.18 45.50	
W 40363	x 1/4x1/2	50	750	0.05	43.18	
W 40364	x 3/8	50	750	0.04	47.24	
W 40366	x 1/4	50	450	0.05	43.18	
W 04067	5/8x5/8x1-1/8	10	100	0.35	40.82	
W 04047	x 7/8	25	250	0.11	19.11	
W 04029	x 3/4	25	250	0.1	70.97	
W 04007 W 04008	x 1/2 x 3/8	50 50	500	0.08	21.25	
W 04008	x 1/4	50	500 500	0.06 0.08	21.25 25.11	
W 04009	x 1/2x5/8	50	500	0.09	29,23	
W 04010	x 1/2	50	500	0.0B	29.72	
W 04011	x 3/8	50	500	0.08	27.63	
W 04012	x 3/6x5/8	50	500	0.09	27.63	
W 40367	x 1/2	50	500	0.08	38.43	
W 04013	x 3/8	50	500	0.09	27.63	
W 04046 W 04018	3/4x3/4x7/8 x 5/8	25 25	250 250	0.15	40.90	
W 04018	x 1/2	25 25	250 250	0.1 0.1	42.82 42.82	
W 04020	x 3/8	25	250	0.1	42.82	
W 04021	x 5/8x 3/4	25	225	0.13	43.18	
W 04022	x 5/8	25	250	0.11	43.18	
W 04023	x 1/2	25	225	D.11	49.90	
W 04025	x 1/2x3/4	25	250	0.15	45.50	
W 04026	× 5/8	25	225	0.14	44.61	
W 04027	x 1/2	25	250	0.11	44.61	
W 04065 W 04032	7/8x7/8x1-1/8	10 25	100	0.22	33.43	
W 04032 W 04033	x 3/4 x 5/8	25 25	250 250	0.17	11.20	
W 04033 W 04034	x 3/8 7/8x7/8x1/2	≥≎ 25	250 250	0.12 0.11	9.57 13.33	
W 04035	× 3/8	25	250	0.11	13.68	
W 04036	x 3/4 x 7/8	25	250	0.19	23.65	
W 04037	x 3/4	25	250	0.17	21.23	
W 04041	x 5/8 x 7/8	25	250	0.16	11.73	
W 04042	× 3/4	25	150	0.17	13.55	
W 04043	x 5/8	25	250	0.13	11.73	

Most fittings available in larger nominal sizes thru 8". All sizes are O.D.

Copper Fittings - Wrot & Cast

	Cop	per Fitting			& Cas	st			
		т	330	ONT.				T	-
	Parl	Siza	Box	Сiл	Wt	List	Parl	Size	2
	W 04044			250	0.12	19.7B	W 4012	3 x 7/8	
and a second sec	W 04045			225	0.15	19.78	W 4012	€ x 5/8	
l.	W 40230 W 40231		25	250	0.19	22.74	W 40130		
	W 40232 W 40232		25 25	250 250	0.17	18.17	W 4013		
		1-1/8x1-1/8x1-5/8	20 5	250	0.12 0.47	22.05 97.07	W 4013		
	W 04082		5	50	0.31	68.62	W 40134		
	W 04049		10	100	0.24	30.86	W 4013		
	W 04050		10	100	0.27	45.50	W 40136		
	W 04051		10	100	0.21	30.86	W 40137		
	W 04052		10	100	0.19	37.79	W 40136		
	W 04055		10	100	0.3	36.68	W 40139		
	W 04056 W 04057		10	100	0.25	36.68	W 40140		
	W 04058		10 10	90	0.43	42.28	W 40141		
	W 04059		10	100 100	0.23 0.21	38.68 89.30	W 40142 W 40143		
	W 40233		10	100	0.33	38.50	W 40143		
	W 40234		10	90	0.3	42.35	W 4025		
	W 40235	i x 3/4	10	100	0.31	42.35	W 4025		
	W 40236		10	90	0.35	42.35	W 40252		
	W 04061		10	100	0.3	36.68	W 40253		
	W 04062		10	100	0.28	38.63	W 40254		
	W 04063	x 5/8 1-3/8x1-3/8x2-1/8	10	100	0.21	36.68	W 40255		
	W 40122	x 1-5/8	2 5	20 50	0.89	202.23	W 40221		
	W 04069		5	50	0.49 0.41	98.38 45.40	W 40256		
	W 04070		5	50	0.35	45.40	W 40256		
	W 04071	x 5/B	5	50	0.32	45.40	W 40259		
	W 04072	x 1/2	5	50	0.29	52.83	W 40222		
		x 1-1/8 x1-3/8	5	50	0.48	59.66		3-1/8x3-1/8x2-5/8	
	W 04074	x 1-1/8	5	50	0.46	58.29	W 40150		
	W 04075		5	50	0.38	58.29	W 40149		
	W 04076	x 5/8	5	50	0.36	59.66	W 40148		
	W 04078 W 04079	x 7/8 x 1-3/8	5	50	0.45	58.29	W 40147		
	W 04079		5 5	50 50	0.46	62.77	W 40146		
	W 04081	x 5/8	5	50 50	0.37 0,34	58.29 65.16	W 40145		
	W 04083	x 5/8 x 1-3/8	5	50	0.57	59.66	W 40159	x 2-5/8x3-1/8 x 2-5/8	
		1-5/8x1-5/8x2-1/8	2	20	1,21	188.23	W 40157	x 2-1/8	
	W 04085	x 1-3/8	5	50	0.57	48.21	W 40156	× 1-5/8	
	W 04086	x 1-1/8	5	50	0.52	48.21	W 40155	x 1-3/8	
	W 04087	x 7/B	5	50	0.47	48.21	W 40154	x 1-1/8	
· · · · ·	W 04088	x 5/8	5	50	0.42	48.21	W 40167	x 2-1/8x3-1/8	
a de la contra	W 04089	x 1/2	5	50	0.41	55.55	W 40165	x 2-5/8	
	W 04090 W 04091	x 1-3/8x1-5/8	5	50	0.68	102.68	W 40164	x 2-1/8	
	W 04092	x 1-3/8 x 1-1/B	5 5	50 50	0.69	98.66	W 40163	x 1-5/8	
	W 04093	x 7/8	5	50	0.57 0.57	96.71 98.66	W 40162 W 40161	x 1-3/8	
	W 04094	x 5/8	5	50	0.45	102.68	W 40181	x 1-1/8 x 1-5/8x3-1/8	
		x 1-1/8x1-5/8	5	50	0.68	98.66	W 40181	x 1-3/8x3-1/8	
	W 04096	x 1-3/6	5	50	0.65	102.68	W 40178	x 1-1/8x3-1/8	
	W 04097	x 1-1/8	5	50	0.61	96.71	W 40179	x 7/8x3-1/8	
	W 04098	x 7/8	5	50	0.56	98.67	W 40198	4-1/8x4-1/8x3-1/8	
	W 40237	× 5/8	5	30	0.45	102.68	W 40197	x 2-5/8	
	W 04099	x 7/8 x 1-5/8	5	50	0.67	96.71	W 40196	x 2-1/8	
	W 40239 W 40240	x 1-3/8 x 1-1/8	5 5	50	0.75	106.08	W 40195	x 1-5/B	
	W 40240	x 1-1/8	5 5	50 50	0.52 0.55	102.68	W 40194 W 40193	x 1-3/8	
	W 40243	x 5/8	5	50	0.47	102.68 108.14	W 40193 W 40192	x 1-1/8	
	W 40244	x 5/8 x 15/8	5	50	0.66	98.87	W 40192	x 7/8 x 5/8	
	W 40153	2-1/8x2-1/8x3-1/8	1	10	2.55	621.50		x 3-1/8x4-1/8	
	W 40144	x 2-5/8	1	10	1.46	375.84	W 40206	x 3-1/8	
	W 40103	x 1-5/8	5	50	0.99	78.66	W 40205	x 2-5/8	
	W 40104	x 1-3/8	5	50	0.85	87.33	W 40204	x 2-1/8	
	W 40105	x 1-1/8	5	50	0.88	78.66		x 2-5/8x4-1/8	
	W 40106 W 40107	x 7/8	5	50	0.83	78.30		x 2-1/8x4-1/8	
	W 40108	x 5/8 x 1/2	5 2	50	0.67	76.30	W 40215	x 1-5/8x41/8	
		x 1-5/8x2-1/8	2	20 20	0.68 1.31	88.17 131.34		4-1/8x1-3/8x4-1/8	
	W 40110	x 1-5/8	2	20	1.15	128.58		x 1-1/8x4-1/8 6-1/8x6-1/8x3-1/8	
	W 40111	x 1-3/8	2	20	0.86	142.45	W 40504	x 2-5/8	
	W 40112	x 1-1/8	2	20	1.06	131.34	W 40505	x 2-1/8	
	W 40113	x 7/8	2	20	0.75	131.34		NE 1/0	
	W 40114	x 5/B	5	50	0.77	135.67			5
		x 1-3/8x2-1/8	2	20	1.3	136.57		00455	4
	W 40116	x 1-5/8	2	20	1.14	141.15	FORGED	BRASS C	,
	W 40117	x 1-3/8	2	20	1.09	142.45	WT-602		ĺ
	W 40118	x 1-1/8	2	20	0.95	141.15	Part		£
	W 40119 W 40120	x 7/8	5	50	D.76	141.15	W 04208	1/4x1/4x1/4	1
		x 5/8 x 1-1/8x2-1/8	5 5	20 25	0.78	141.15	W 04209	× 1/8	;
	W 40245 W 40247	x 1-1/8 x 1-1/8	5	25 50	1.64 1.06	131.34 131.34	W 04228	3/8x3/8x3/8	ł
	W 4024B	x 7/8 x 2-1/8	5	25	1.71	131.34	W 04229	x 1/4	1
		x 5/8 x 2-1/8	5	25	1.66	131.34	W 04230 W 04259	x 1/8 1/2v1/2v3/8	
t here t	W 40124	2-5/8x2-5/8x2-1/8	2	20	1.59	237.59	W 04259 W 04283	1/2x1/2x3/8 5/8x5/8x1/2	
	W 40125	× 1-5/8	2	20	1.49	237.59	603F9	UIDAU/DA (/2	
	W 40126	x 1-3/8	2	20	1.87	237.59			
	W 40127	x 1-1/8	2	20	1.83	237.59			
							Lin-1 7	ltinne available (
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				ŢΕ	E		
WL	Lisi	FITTING				r	1
1.83	232.53	WT-600F		CxFI	GXC		∽┺━┓
2.05	237.59	W 1-000F				L_L_	
2.3	307.45	Part	Size	Box	Ctn	Wi	Li
84	297.48	W 04106	5/8	50	300	0.1	15.9
.09	308.08	W 04131	7/8	25	150	0.19	24.8
2	320.34						
6	320.34			UNI	0 N		
	320.34			Sector Sector	and the Party States		
	320.34	WC-407		CxC		L L L	77
	320.34	10 407	•			للإ	Ļ
	370.54	Part	Size	Box	Cin	WI	
	370.54	W 08001	3/8	25	250		Lia
	323.78	W 08002	1/2	25	250	0.12	43,5
	349.34	W 08002	5/8	25 25		0.11	45.8
	349.34	W 08003	5/8 7/8	∠5 25	250	0.16	26.3
	349.34	W 08004 W 08005	1-1/8	25 10	150	0.37	33.1
	338.85	W 08005	1-1/0	10	100	0.52	55.7
	338.84	120102000000000000000000000000000000000					
	337.12		COPPE	観し	मनमा	il la seconda de la second	
	337.12	2-HOLE				6	
	337.12	WS-1100				all I	}
	337.12						
	337.12	Part	Size	Box	Cin	WL	Lis
	338.85	A 01203	1/4	100	4,000	0.01	1.32
	337.12	A 01278	3/8	100	5,600	0.01	1.32
	337.12	A 01366	1/2	100	3,400	0.01	1.34
	337,12	A 02529	5/8	100	1,500	0.01	1.38
	337.12	A 01467	3/4	100	2,000	0.01	1.34
	326.50	A 02574	7/8	50	750	0.01	2,32
	286,25	A 02614	1-1/8	50	750	0.02	2.47
	261.67	A 02650	1-3/8	50	500	0.04	2.96
	261.67	A 02675	1-5/8	50	500	0.05	3.52
	261.67	A 02708	2-1/8	50	500	0.06	3.92
	261.67						
	261.67	PE	FORATE	Die)ppga	SIL	Dese
	261.67	- down and the second second					
	452.84	WS-1101			9	000000	0000
	437.42				20	100000	0000
	437.42	Parl	Size	Box	Cin	Wł.	List
	536.45	A 01211	25 Ft.Roll	1	10	1.63	169.40
	442.07			•			100,40
	631.08						
	452.84						
	476.64						
	427.18						
i ,	631.08						
	631.08						
	631.08						
	437.42						
	477.91						
	477.91						
Ş	485.00						

List

15,93

24.87

Liai 43.57

45.80

26.33

33.10

55.71

List

1.32

1.32 1.34 1.38 1.34 2.32 2.47

2.96

3.52

3.92

Most fittings available in larger nominal sizes thru 8", All sizes are O.D.

TEE CONT.

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Ctn

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400

400

240

150

3.03

4.94 5.16

4.52

4.47

4.55

3.05

2.89

2.89

8,66

5.12 5.61

4.76

7.79

8.95

B.51

8.57

9.33

11

11.1

9.54

WI

0.09

0.04

0.15

0.1

0.11

0.15

0.33

465.29

403.29 534.86 579.07 508.16 480.45

503.12

480.45

544.61

531.03

1,004.09

968.62 1,056.97 1,004.09 1,004.09

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1,004.09

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3,367.92

3,199.57

3,199.57

List

60.22

80.22

106,52

80.22

60.22

115.50

135.34

Bex

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TEE

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10 10 10

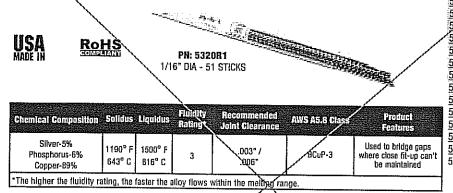
Joining Materials

BRAZING ALLOYS



STAY-SILV® 5

This medium-range alloy is well suited where close fit-up cannot be maintained. This filler metal is somewhat more ductile than Harris 0 or Stay-Silv 2.



PART NO.	SJ2É
5320R	<1/16" DIA x 20" - 25# PKG
5320R1 /	1/16" DIA = 51 STICK TUBE
5336R /	1/16" DIA x 36" - 25# PKG
5520R	3/32" DIA x 20" - 25# PKG
5520R1	3/32" DIA - 24 STICK TUBE
5536R	3/32" DIA x 36" - 25# PKG
5536S	3/32" SQ x 36" - 25# PKG
5620F	.050" x 1/8" x 20"- 25# PKG
5620F1	.050" x 1/8" = 28 STICK TUBE
5620F5	.050" x 1/8" x 20" - 5# TUBE
5620R	1/8" DIA x 20" - 25# PKG
5620R1	1/8" DIA - 14 STICK TUBE
5636F	.050" x 1/8" x 36" - 25# PKG
5636R	1/8" DIA x 36" - 25# PKG
5636S	1/8" SQ x 36" - 25# PKG
i620FMPOP	.050" x 1/8" - 8 STICKS

STAY-SILV® 6

This medium-range alloy is well suited, where close fit-up cannot hecessarily be maintained. This filler metal is somewhat more ductile than Phos Copper or Stay-Silv 2.

USA Rohs				- m		PN: 6620F1 0 x 1/8" - 28 STICKS		
	Chemical Composition	Solidus	Liquidus	Fluidity Rating*	Recommended Joint Clearance	Product Features		
	Silver-6% Phosphorus-6.5%	1190° F 643° C	1425° F 774° C	5	.002" / .005"	Used to bridge gaps where more ductile filler metal		

774° C

643° C

The higher the fluidity rating, the faster the alloy flows within the melting range.

PART NO.	SIZE
6536R	3/32" DIA x 36" - 25# PKG
6620F	050" x 1/8 x 20" - 25# PKG
6620F1	.050" x 1/8 - 28 STICK TUBE
6636R	1/8" DIA x 36" - 25# PKG
6636S	1/8" SQ x 36" - 25# PKG
6836R	3/16" DIA x 36" - 25# PKG SPECIAL ORDER

STAY-SILV® 15

Copper-87.5%

For many years the standard of the industry, the 15% silver alloy has proven its value. This filler metal is excellent for situations in which close fit-up does not exist, and where thermal expansion and service vibration are involved.



				Joint Clearance	AWS A5.8 Class**	Features
Silver-15% Phosphorus-5% Copper-80% 643	- · · · · ·	0° F ° C	3	.002" / .006"	BCuP-5	Premium alloy Excellent strengt and ductility

Alternative Advances are shown of the second states	
PARTENO.	SIZE
15320F	050" x 1/16" x 20" + 25# PKG
15320F1	050" x 1/16" x 20" 51 STICK TUBE
15320R	1/16" DIA x 20" = 25# PKG
15320R1	1/16" DIA - 51 STICK TUBE
15336R	1/16" DIA x 36" 25# PKG
155208	3/32" DIA x 20" - 25# PKG
15520R1	3/32" DIA 24 STICK TUBE
155205	3/32" SQ x 20" = 25# PKG
15536R	3/32" DIA x 38" - 25# PKG
155365	3/32" SQ x 36" - 25# PKG
15620F	.050" x 1/8" x 20" -25# PKG
15620F1	.050" x 1/8" - 28 STICK TUBE
15620F5	.050" x 1/8" x 20" - 5# TUBE
15620R1	1/8" DIA - 14 STICK TUBE
15620S	1/8" SQ x 20" - 25# PKG
15620S1	1/8" SQ - 11 STICK TUBE
15636F	.050" x 1/8" x 36" - 25# PKG
15636R	1/8" DIA x 36" - 25# PKG
156365	1/8" SQ x 36" - 25# PKG
15636510	1/8" S0 x 36" - 10# TUBE
1520FMPOP	.050" x 1/8" - 8 STICKS

.005"

is required