

# Models: 41T, 42T, 44T, 46T

## Fabricated Tee Strainers Sizes: 2" - 24" (50 - 600mm)

Pressure/Temperature - Non-Shock	
Model	Rating
41T	285psi @ 100°F 150psi @ 565°F
42T	740psi @ 100°F 300psi @ 838°F
44T	1480psi @ 100°F 600psi @ 838°F
46T	2220psi @ 100°F 900psi @ 838°F

Quick opening cover only available for Class 150

<b>41T</b>	<b>Class</b>	<b>150</b>
<b>42T</b>	<b>Class</b>	<b>300</b>
<b>44T</b>	<b>Class</b>	<b>600</b>
<b>46T</b>	<b>Class</b>	<b>900</b>



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### Typical Service

- Mueller Steam Specialty fabricated strainers are designed to remove foreign particles from pipelines.
- These strainers provide effective and economical protection of pumps, valves, and similar more costly equipment.

### Construction

- Standard Class 150, 300, 600 and 900 units available
- Butt-weld or Slip-on Flange connections
- Butt-weld, Weld-neck flange, Ring Joint connections available
- ASME code stamp strainers available

### Screens

- Standard material is 304SS.
- Specify other alloy material as required.
- Specify perforation and mesh size for proper particle retention.
- Consider maximum allowable pressure drop when specifying.

### General

- See Screen and Basket Options in the Mueller Steam Specialty Engineering binder for a partial listing of available options and specification guidelines. "B" signifies a bolted cover; "Q" signifies a quick opening cover.
- Consult factory for specific application information.
- See Specifying Fabricated Strainers page in the Mueller Steam Specialty Engineering binder for guidelines.

Job Name \_\_\_\_\_

Contractor \_\_\_\_\_

Job Location \_\_\_\_\_

Approval \_\_\_\_\_

Engineer \_\_\_\_\_

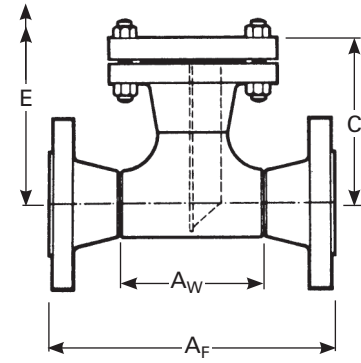
Contractor's P.O. No. \_\_\_\_\_

Approval \_\_\_\_\_

Representative \_\_\_\_\_

# Dimensions and Weights

SIZE		DIMENSIONS						WEIGHT					
		A <sub>F</sub> Flanged End		A <sub>W</sub> Weld End		C		E Screen Removal		Hinge Cover		Total	
in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	lbs.	kgs.	lbs.	kgs.
<b>QUICK OPENING COVER 41T</b>													
6	150	18¼	464	11¼	286	9¾	219	19	486	7	3.1	108	49
8	200	22	559	14	356	10⅞	292	23⅞	606	10	4.5	156	70
10	250	25	635	17	432	13⅞	356	29⅞	752	15	6.8	231	105
12	300	29	737	20	508	15⅞	406	34⅞	866	20	9	342	155
14	350	32	813	22	559	17⅞	445	37⅞	943	26	11	435	197
16	400	34	864	24	610	18⅞	483	40⅞	1032	30	13	540	245
18	450	38	965	27	686	21⅞	546	46⅞	1178	42	19	660	300
20	500	41⅞	1051	30	762	23⅞	610	51⅞	1035	54	24	806	366
24	600	46	1168	34	864	27⅞	699	58⅞	1483	68	30	1085	493



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SIZE		DIMENSIONS						WEIGHT					
		A <sub>F</sub> Flanged End		A <sub>W</sub> Weld End		C		E Screen Removal		Flanged End		Weld End	
in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	lbs.	kgs.	lbs.	kgs.
<b>BOLTED COVER 41T</b>													
2	50	10	254	—	—	5¾	146	11¼	286	30	10	18	8
2½	65	11½	292	—	—	6⅞	168	12⅞	329	—	—	—	—
3	80	12¼	311	—	—	7⅞	179	14	356	50	23	30	14
4	100	14¼	362	—	—	8⅞	205	16½	419	84	38	54	24
5	125	16¾	425	—	—	9⅞	237	19½	495	—	—	—	—
6	150	18¼	464	—	—	10⅞	257	21½	546	146	66	96	44
8	200	22	559	—	—	12⅞	308	26¼	667	230	104	152	69
10	250	25	635	—	—	13⅞	348	30¼	768	352	160	247	112
12	300	29	737	—	—	15¾	400	35⅞	894	526	239	366	166
14	350	32	813	—	—	17⅞	441	38⅞	987	220	100	522	237
16	400	34	864	—	—	18⅞	468	41⅞	1063	904	410	624	283
18	450	38	965	—	—	20⅞	522	45⅞	1165	1078	489	778	353
20	500	41⅞	1051	—	—	22⅞	568	51¼	1302	1426	647	1066	484
24	600	46	1168	—	—	24⅞	631	57⅞	1470	2098	952	1578	716

SIZE		DIMENSIONS						WEIGHT					
		A <sub>F</sub> Flanged End		A <sub>W</sub> Weld End		C		E Screen Removal		Flanged End		Weld End	
in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	lbs.	kgs.	lbs.	kgs.
<b>BOLTED COVER 42T</b>													
2	50	10½	268	5	127	6⅞	156	11¼	298	41	19	23	10
2½	65	12	305	6	152	7	178	13⅞	341	—	—	—	—
3	80	13	330	6¾	171	7⅞	194	14⅞	373	82	37	52	24
4	100	15	381	8¼	209	8¾	222	17¼	438	125	57	75	34
5	125	17½	445	9¼	248	10⅞	257	20⅞	511	—	—	—	—
6	150	19	483	11¼	286	10⅞	262	22¼	565	231	105	147	67
8	200	22¾	578	14	356	13	330	26⅞	684	355	161	241	109
10	250	26¼	667	17	432	15	381	31½	800	543	246	361	164
12	300	30¼	768	20	508	17⅞	435	36½	927	825	374	545	247
14	350	33¼	845	22	559	18¾	476	40⅞	1019	1102	500	742	337
16	400	35½	902	24	610	20	508	43⅞	1102	1398	634	898	407
18	450	39½	1003	27	686	22⅞	562	48⅞	1229	1818	825	1178	534
20	500	42¼	1085	30	762	23⅞	606	52⅞	1329	2342	1062	1542	699
24	600	47¼	1200	34	864	26⅞	670	59⅞	1502	3502	1589	2342	1062

\* Consult factory for dimensions and weights for Class 600, 900, 1500 and 2500 units.

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