



*Expanded
Enclosure Catalog
Coming Soon!*

AWI MANUFACTURING

Custom

Manufacturers

of Stainless Steel

Products



ABOUT US



About Us

Experience makes the difference...

When you work with **AWI Manufacturing**, you get the benefit of more than 35 years of family experience. We've worked on the road crews and know that you can't afford to have your crew sitting around, waiting for parts. That's why we turn around your quotes and orders faster than anyone in the industry. You don't have to chase us down to get information about your order — we keep you in the loop from day one. We know how hard it can be to keep your project running smoothly, so we do everything we can to make it easy.

Stainless steel parts and tanks you get from AWI Manufacturing are of a consistently superior quality. We've perfected our finishes so there is no rework or delays on the jobsite. Food processing and dairy industry experience has allowed us to refine our parts and make your install easier and faster. Even our packaging is better — we package your parts so it's easy for your install team to find what they need, when they need it. As an installer, you look better to your customers — they'll notice the quality and you'll meet deadlines.

We can also help you with custom requests and challenging circumstances. We know what to look for when you need custom manufacturing and ask you the questions that ensure we get it right the first time. We have knowledge and experience in the food and dairy industry that others do not. As a result, we can help you solve potential issues before they become time wasting problems. Installers, road crews, and our employees have all taught us better ways to do things, saving you time and money.

A family tradition forged in steel...

AWI Manufacturing was established in 1970, by Art Scherping. Having worked on road crews himself, Art had experienced the hassles caused by poorly manufactured parts. Deciding he could do better, he started custom manufacturing his own — mainly to save himself time and frustration. With seven kids at home, and knowing that working on the road took him away too often, manufacturing stainless steel parts and selling them to the road crews just made good, logical sense. Art's Welding, as it was then known, was born.

As Art's children grew up, they helped to grow the business. Working alongside their father, on install teams, or for machine shops, they honed the skills they would need to provide leadership of the company. In 2004, five of the seven purchased the company and renamed it AWI Manufacturing. A new generation, with solid roots in the industry, is taking AWI Manufacturing to new levels.

Contact AWI Manufacturing today for *Superior Stainless Solutions*.

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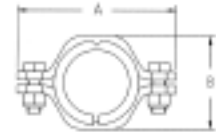
HANGERS



TUBE SIZE POLYPROPYLENE S.S. HEX HANGERS T-304



TYPICAL UNFILLED POLYPROPYLENE:
Deflection Temperature (@264psi) 120°F
Deflection Temperature (@66psi) 225°F



				HANGER W/POLYPROPYLENE COLLAR	BRACKET W/NUTS & BOLTS ONLY	POLYPROPYLENE COLLAR ONLY
	SIZE (TUBE SIZE)	A	B	PART #	PART #	PART #
	1/2"	2 3/8"	1 1/16"	PVCT-.5	BRKTSET-PVCT-.5	PCTS-1/2
	3/4"	2 5/8"	1 3/16"	PVCT-.75	BRKTSET-PVCT-.75	PCTS-3/4
	1"	2 11/16"	1 9/16"	PVCT-1	BRKTSET-PVCT-1	PCTS-1
	1 1/2"	3 5/8"	2 1/8"	PVCT-1.5	BRKTSET-PVCT-1.5	PCTS-1.5
	2"	4 5/16"	2 5/8"	PVCT-2	BRKTSET-PVCT-2	PCTS-2
	2 1/2"	4 7/8"	3 1/8"	PVCT-2.5	BRKTSET-PVCT-2.5	PCTS-2.5
	3"	5 3/8"	3 5/8"	PVCT-3	BRKTSET-PVCT-3	PCTS-3
	4"	6 5/8"	4 5/8"	PVCT-4	BRKTSET-PVCT-4	PCTS-4
	5" *	8 1/16"	5 5/8"	PVCT-5	BRKTSET-PVCT-5	PCTS-5
	6"	9 1/4"	6 5/8"	PVCT-6	BRKTSET-PVCT-6	PCTS-6
	8"	11 3/8"	8 3/4"	PVCT-8	BRKTSET-PVCT-8	PCTS-8
	10" *	14 1/2"	10 1/2"	PVCT-10	BRKTSET-PVCT-10	PCTS-10
	12" *	16 5/8"	13"	PVCT-12	BRKTSET-PVCT-12	PCTS-12

PIPE SIZE POLYPROPYLENE S.S. HANGERS T-304

*Collar only available in PVC material			HANGER W/POLYPROPYLENE COLLAR	BRACKET W/NUTS & BOLTS ONLY	POLYPROPYLENE COLLAR ONLY
SIZE (PIPE SIZE)	A	B		PART #	PART #
1/2"	2 11/16"	2"	PVCP-1/2	BRKTSET-PVCT-1	PCPS-1/2
3/4"	2 11/16"	1 9/16"	PVCP-3/4	BRKTSET-PVCT-1	PCPS-3/4
1"	3 5/8"	2 1/8"	PVCP-1	BRKTSET-PVCT-1.5	PCPS-1
1 1/4" *	3 5/8"	2 1/4"	PVCP-1.25	BRKTSET-PVCT-1.5	PCPS-1.25
1 1/2"	4 5/16"	2 5/8"	PVCP-1.5	BRKTSET-PVCT-2	PCPS-1.5
2"	4 7/8"	3 1/8"	PVCP-2	BRKTSET-PVCT-2.5	PCPS-2
2 1/2"	4 13/16"	3 1/8"	PVCP-2.5	BRKTSET-PVCT-3	PCPS-2.5
3"	6"	4 1/4"	PVCP-3	BRKTSET-PVCP-3	PCPS-3
3 1/2"	6 1/2"	4 3/4"	PVCP-3.5	BRKTSET-PVCT-4	PCPS-3.5
4"	7 1/2"	5 5/8"	PVCP-4	BRKTSET-PVCP-4	PCPS-4
5"	8 3/8"	6 3/8"	PVCP-5	BRKTSET-PVCP-5	PCPS-5
6"	9 3/4"	7 3/8"	PVCP-6	BRKTSET-PVCP-6	PCPS-6
8"	12 1/4"	9 3/8"	PVCP-8	BRKTSET-PVCP-8	PCPS-8
10" *	15 3/8"	11 1/2"	PVCP-10	BRKTSET-PVCP-10	PCTS-10
12" *	17 3/8"	13 7/8"	PVCP-12	BRKTSET-PVCP-12	PCTS-12

COUPLING

Half Couplings are available for the above hangers
at an additional cost

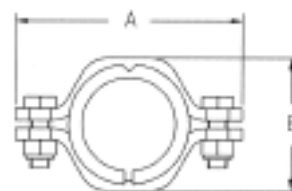


	USE ABOVE PART# AND ADD THE FOLLOWING	HALF COUPLING ONLY
SIZE	PART #	PART #
3/8" Pipe Coupling	/PC.38	CPGPIPO3/8
1/2" Pipe Coupling	/PC.50	CPGPIPO1/2
3/8" Rod Coupling	/RC.38	CPGRODO3/8
1/2" Rod Coupling	/RC.50	CPGRODO1/2

TUBE SIZE HIGH-TEMP S.S. HEX HANGERS T-304



Collars can withstand continuous temperature of 325°F.
Softening point = 374°F



			HANGER W/HIGH-TEMP COLLARS	BRACKET W/NUTS & BOLTS ONLY	HIGH-TEMP COLLAR ONLY
SIZE (TUBE O.D.)	A	B	PART #	PART #	PART #
1/2"	2 3/8"	1 1/16"	HTHTS-.5	BRKTSET-PVCT-.5	HTCTS-1/2
3/4"	2 5/8"	1 3/16"	HTHTS-.75	BRKTSET-PVCT-.75	HTCTS-3/4
1"	2 11/16"	1 9/16"	HTHTS-1	BRKTSET-PVCT-1	HTCTS-1
1 1/2"	3 5/8"	2 1/8"	HTHTS-1.5	BRKTSET-PVCT-1.5	HTCTS-1.5
2"	4 5/16"	2 5/8"	HTHTS-2	BRKTSET-PVCT-2	HTCTS-2
2 1/2"	4 13/16"	3 1/8"	HTHTS-2.5	BRKTSET-PVCT-2.5	HTCTS-2.5
3"	5 3/8"	3 5/8"	HTHTS-3	BRKTSET-PVCT-3	HTCTS-3
4"	6 5/8"	4 5/8"	HTHTS-4	BRKTSET-PVCT-4	HTCTS-4
6"	9"	6 5/8"	HTHTS-6	BRKTSET-PVCT-6	HTCTS-6

PIPE SIZE HIGH-TEMP S.S. HEX HANGERS T-304

			HANGER W/HIGH-TEMP COLLARS	BRACKET W/NUTS & BOLTS ONLY	HIGH-TEMP COLLAR ONLY
SIZE (PIPE SIZE)	A	B	PART #	PART #	PART #
1/2"	2 11/16"	2"	HTHPS-1/2	BRKTSET-PVCT-1	HTCPS-1/2
3/4"	2 11/16"	1 9/16"	HTHPS-3/4	BRKTSET-PVCT-1	HTCPS-3/4
1"	3 5/8"	1 7/8"	HTHPS-1	BRKTSET-PVCT-1.5	HTCPS-1
1 1/2"	4 5/16"	2 5/8"	HTHPS-1.5	BRKTSET-PVCT-2	HTCPS-1.5
2"	4 7/8"	3 1/8"	HTHPS-2	BRKTSET-PVCT-2.5	HTCPS-2
2 1/2"	5 3/8"	3 7/8"	HTHPS-2.5	BRKTSET-PVCT-3	HTCPS-2.5
3"	6 1/16"	4 1/4"	HTHPS-3	BRKTSET-PVCP-3	HTCPS-3
4"	7 1/2"	5 5/8"	HTHPS-4	BRKTSET-PVCP-4	HTCPS-4
6"	9 3/4"	7 3/8"	HTHPS-6	BRKTSET-PVCP-6	HTCPS-6

HALF COUPLING T-304

Half Couplings are welded to hanger
at an additional cost



		USE ABOVE HANGER PART# AND ADD THE FOLLOWING	HALF COUPLING ONLY
SIZE		PART #	PART #
3/8" Pipe Coupling		/PC.38	CPGPIPO3/8
1/2" Pipe Coupling		/PC.50	CPGPIPO1/2
3/8" Rod Coupling		/RC.38	CPGRODO3/8
1/2" Rod Coupling		/RC.50	CPGRODO1/2

TUBE SIZE S.S. HEX HANGERS T-304



SIZE (TUBE O.D.)	A	B	GROMMET QTY & SIZE	ALCRYN GROMMET HANGERS	VITON GROMMET HANGERS	BRACKET W/NUTS & BOLTS ONLY
				PART #	PART #	PART #
1/4"	2 1/4"	7/8"	1ea. — 1/8, 1/4"	RGT-.25	RGTV-1/4	BRKTSET-RGT-.25
3/8"	2 1/4"	7/8"	2 — 1/8"	RGT-3/8	RGTV-3/8	BRKTSET-RGT-.25
1/2"	3 5/8"	2 1/8"	3 — 5/8"	RGT-1/2	RGTV-1/2	BRKTSET-RGT-1.5
3/4"	3 5/8"	2 1/8"	3 — 1/2"	RGT-3/4	RGTV-3/4	BRKTSET-RGT-1.5
1"	3 5/8"	2 1/8"	3 — 3/8"	RGT-1	RGTV-1	BRKTSET-RGT-1.5
1 1/4"	3 5/8"	2 1/8"	3 — 1/4"	RGT-1.25	RGTV-1.25	BRKTSET-RGT-1.5
1 1/2"	3 5/8"	2 1/8"	3 — 1/8"	RGT-1.5	RGTV-1.5	BRKTSET-RGT-1.5
2"	4 5/16"	2 5/8"	3 — 1/8"	RGT-2	RGTV-2	BRKTSET-RGT-2
2 1/2"	4 7/8"	3 1/8"	3 — 1/8"	RGT-2.5	RGTV-2.5	BRKTSET-RGT-2.5
3"	5 3/8"	3 5/8"	3 — 1/8"	RGT-3	RGTV-3	BRKTSET-RGT-3
4"	6 9/16"	4 3/4"	4 — 1/8"	RGT-4	RGTV-4	BRKTSET-RGT-4
5"	8"	5 5/8"	4 — 1/8"	RGT-5	RGTV-5	BRKTSET-RGT-5
6"	9"	6 5/8"	5 — 1/8"	RGT-6	RGTV-6	BRKTSET-RGT-6
8"	11 1/4"	8 3/4"	5 — 1/8"	RGT-8	RGTV-8	BRKTSET-RGT-8
10"	14 1/2"	10 1/2"	6 — 1/8"	RGT-10	RGTV-10	BRKTSET-RGT-10
12"	16 3/4"	12 5/8"	6 — 1/8"	RGT-12	RGTV-12	BRKTSET-RGT-12
14"	19"	14 3/4"	6 — 1/8"	RGT-14	RGTV-14	BRKTSET-RGT-14

COUPLING

Couplings are available for the above hangers at an additional cost each



	USE ABOVE PART# AND ADD THE FOLLOWING	HALF COUPLING ONLY
SIZE		PART #
3/8" Pipe Coupling	/PC.38	CPGPIPO3/8
1/2" Pipe Coupling	/PC.50	CPGPIPO1/2
3/8" Rod Coupling	/RC.38	CPGRODO3/8
1/2" Rod Coupling	/RC.50	CPGRODO1/2

ALCRYN & VITON GROMMETS



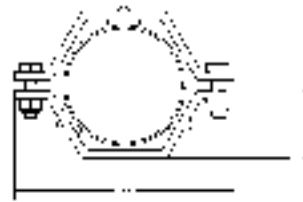
*Alcryn Temperature Range
40°F to 257°F, 3/4" diameter
with 5/16" pin*



*Viton Temperature Range 73°F to
392°F, 3/4" diameter with 5/16" pin*

	ALCRYN GROMMETS	VITON GROMMETS
THICKNESS	PART #	PART #
1/8" Grommets	RGO-1/8	RGOV-1/8
1/4" Grommets	RGO-1/4	RGOV-1/4
3/8" Grommets	RGO-3/8	RGOV-3/8
1/2" Grommets	RGO-1/2	RGOV-1/2
5/8" Grommets	RGO-5/8	RGOV-5/8

PIPE SIZE S.S. HEX HANGERS T-304



				ALCRYN GROMMET HANGERS	VITON GROMMET HANGERS	BRACKET W/NUTS & BOLTS ONLY
SIZE (PIPE SIZE)	A	B	GROMMET QTY & SIZE	PART #	PART #	PART #
1/2"	3 5/8"	2 1/4"	3 — 1/2"	RGP-1/2	RGPV-1/2	BRKTSET-RGT-1.5
3/4"	3 5/8"	2 3/16"	3 — 3/8"	RGP-3/4	RGPV-3/4	BRKTSET-RGT-1.5
1"	3 5/8"	2 1/8"	3 — 1/4"	RGP-1	RGPV-1	BRKTSET-RGT-1.5
1 1/4"	4 5/16"	2 3/4"	3 — 3/8"	RGP-1.25	RGPV-1.25	BRKTSET-RGT-2
1 1/2"	4 5/16"	2 13/16"	3 — 1/4"	RGP-1.5	RGPV-1.5	BRKTSET-RGT-2
2"	4 7/8"	3 1/4"	3 — 1/4"	RGP-2	RGPV-2	BRKTSET-RGT-2.5
2 1/2"	5 3/8"	3 7/8"	3 — 1/4"	RGP-2.5	RGPV-2.5	BRKTSET-RGT-3
3"	6 1/16"	4 5/16"	4 — 1/8"	RGP-3	RGPV-3	BRKTSET-RGP-3
4"	7 7/16"	5 1/8"	4 — 1/8"	RGP-4	RGPV-4	BRKTSET-RGP-4
5"	9"	6 3/8"	5 — 1/8"	RGP-5	RGPV-5	BRKTSET-RGP-5
6"	9 7/8"	7 1/8"	5 — 1/8"	RGP-6	RGPV-6	BRKTSET-RGP-6
8"	12 1/4"	9 3/8"	5 — 1/8"	RGP-8	RGPV-8	BRKTSET-RGP-8
10"	15 3/8"	11 3/8"	6 — 1/8"	RGP-10	RGPV-10	BRKTSET-RGP-10
12"	17 3/8"	13 11/16"	6 — 1/8"	RGP-12	RGPV-12	BRKTSET-RGP-12

COUPLING

*Couplings are available for the above hangers
at an additional cost each*



	USE ABOVE PART# AND ADD THE FOLLOWING	HALF COUPLING ONLY
SIZE	PART #	PART #
3/8" Pipe Coupling	/PC.38	CPGPIPO3/8
1/2" Pipe Coupling	/PC.50	CPGPIPO1/2
3/8" Rod Coupling	/RC.38	CPGRODO3/8
1/2" Rod Coupling	/RC.50	CPGRODO1/2

ALCRYN & VITON GROMMETS



*Alcryn Temperature Range
40°F to 257°F, 3/4" diameter
with 5/16" pin*



*Viton Temperature Range 73°F to
392°F, 3/4" diameter with 5/16" pin*

	ALCRYN GROMMETS	VITON GROMMETS
THICKNESS	PART #	PART #
1/8" Grommets	RGO-1/8	RGOV-1/8
1/4" Grommets	RGO-1/4	RGOV-1/4
3/8" Grommets	RGO-3/8	RGOV-3/8
1/2" Grommets	RGO-1/2	RGOV-1/2
5/8" Grommets	RGO-5/8	RGOV-5/8

TUBE SIZE S.S. U-BOLT HANGERS T-304

Other sizes available upon request



				U-BOLT HANGERS	BAR ONLY	U BOLT ONLY	
	U-BOLT SIZE	PLATE SIZE	ROD SIZE	PART #	PART #	PART #	
	1/2"	3/16" X 3/4" X 1 7/8"	1/4" X 3 7/8"	UT-1/2	UT-PLATE-1/2	UTO-1/2	
	3/4"	3/16" X 3/4" X 1 7/8"	1/4" X 3 7/8"	UT-3/4	UT-PLATE-3/4	UTO-3/4	
	1"	3/16" X 3/4" X 2 1/8"	1/4" X 4 3/8"	UT-1	UT-PLATE-1	UTO-1	
	1 1/2"	1/4" X 1" X 2 7/8"	5/16"	UT-1.5	UT-PLATE-1.5	UTO-1.5	
	2"	1/4" X 1" X 3 3/8"	5/16"	UT-2	UT-PLATE-2	UTO-2	
	2 1/2"	1/4" X 1" X 3 7/8"	5/16"	UT-2.5	UT-PLATE-2.5	UTO-2.5	
	3"	1/4" X 1" X 4 3/8"	5/16"	UT-3	UT-PLATE-3	UTO-3	
	4"	1/4" X 1" X 5 1/4"	5/16"	UT-4	UT-PLATE-4	UTO-4	
	5"	1/4" X 1 1/4" X 6 1/2"	3/8"	UT-5	UT-PLATE-5	UTO-5	
	6"	3/8" X 1 1/2" X 7 1/2"	3/8"	UT-6	UT-PLATE-6	UTO-6	
	8"	3/8" X 1 1/2" X 9 1/2"	3/8"	UT-8	UT-PLATE-8	UTO-8	
	10"	3/8" X 2" X 11 1/2"	3/8"	UT-10	UT-PLATE-10	UTO-10	
	12"	3/8" X 2" X 13 1/2"	3/8"	UT-12	UT-PLATE-12	UTO-12	

PIPE SIZE S.S. U-BOLT HANGERS T-304

				<i>U-BOLT HANGERS</i>	<i>BAR ONLY</i>	<i>U BOLT ONLY</i>	
	U-BOLT SIZE	PLATE SIZE	ROD SIZE	PART #	PART #	PART #	
	1/2"	3/16" X 3/4" X 1 7/8"	1/4"	UP-1/2	UT-PLATE-1/2	UPO-1/2	
	3/4"	3/16" X 3/4" X 2 1/8"	1/4"	UP-3/4	UT-PLATE-3/4	UPO-3/4	
	1"	3/16" X 3/4" X 2 1/2"	1/4"	UP-1	UT-PLATE-1	UPO-1	
	1 1/4"	1/4" X 1" X 2 7/8"	5/16"	UP-1.25	UT-PLATE-1.25	UPO-1.25	
	1 1/2"	1/4" X 1" X 3 1/8"	5/16"	UP-1.5	UT-PLATE-1.5	UPO-1.5	
	2"	1/4" X 1" X 3 5/8"	5/16"	UP-2	UT-PLATE-2	UPO-2	
	2 1/2"	1/4" X 1" X 4 5/32"	5/16"	UP-2.5	UT-PLATE-2.5	UPO-2.5	
	3"	1/4" X 1 1/4" X 5 1/8"	3/8"	UP-3	UT-PLATE-3	UPO-3	
	4"	1/4" X 1 1/4" X 6 1/8"	3/8"	UP-4	UT-PLATE-4	UPO-4	
	5"	3/8" X 1 1/2" X 7 1/16"	3/8"	UP-5	UT-PLATE-5	UPO-5	
	6"	3/8" X 1 1/2" X 8 1/4"	3/8"	UP-6	UT-PLATE-6	UPO-6	
	8"	3/8" X 2" X 10 1/8"	3/8"	UP-8	UT-PLATE-8	UPO-8	
	10"	3/8" X 2" X 12 1/4"	3/8"	UP-10	UT-PLATE-10	UPO-10	
	12"*	1/4" X 1 1/2" X 14 5/8"	1/2"	UP-12	UT-PLATE-12	UPO-12	

*Angle bar.

COMPONENTS



T-304 S.S. WALL FLANGES

Other sizes available upon request for
all Wall Flange styles



TUBE SIZE S.S. WALL FLANGES (16 GA)

SIZE	PART #
1/2" x 3"	WFT-1/2X3
1/2" x 5"	WFT-1/2
3/4" x 3"	WFT-3/4X3
3/4" x 5"	WFT-3/4
1" x 3"	WFT-1X3
1" x 5"	WFT-1
1 1/2" x 5"	WFT-1.5
2" x 5"	WFT-2
2 1/2" x 5"	WFT-2.5
3" x 6"	WFT-3
4" x 7"	WFT-4
5" x 8"	WFT-5
6" x 10"	WFT-6
8" x 12"	WFT-8
10" x 14"	WFT-10
12" x 16"	WFT-12



SQUARE S.S. WALL FLANGES (16 GA)

SIZE	PART #
2" ID x 5" OD	WFSQ-2
1 1/2" ID x 5" OD	WFSQ-1.5

PIPE SIZE S.S. WALL FLANGES (16 GA)

SIZE	PART #
.84" x 5"	WFP-1/2
1.05" x 5"	WFP-3/4
1.315" x 5"	WFP-1
1.66" x 5"	WFP-1.25
1.9" x 5"	WFP-1.5
2.375" x 5"	WFP-2
2.875" x 5"	WFP-2.5
3.5" x 6"	WFP-3
4" x 6"	WFP-3.5
4.5" x 7"	WFP-4
5.563" x 9"	WFP-5
6.625" x 10"	WFP-6
8.625" x 12"	WFP-8
10.75" x 14.75"	WFP-10
12.75" x 16.75"	WFP-12

TUBE SIZE S.S. SPLIT WALL FLANGES (16 GA)

SIZE	PART #
1" x 5"	WFT-1 SPLIT
1.5" x 5"	WFT-1.5 SPLIT
2" x 5"	WFT-2 SPLIT
2.5" x 5"	WFT-2.5 SPLIT
3" x 6"	WFT-3 SPLIT
4" x 7"	WFT-4 SPLIT



T-304 S.S. PIPE SADDLES

Other sizes available upon request



T-304 S.S. SCH 10 PIPE SADDLES

SIZE	PART #
1"	PSAD10-1
1 1/4"	PSAD10-1.25
1 1/2"	PSAD10-1.5
2"	PSAD10-2
3"	PSAD10-3

T-304 S.S. SCH 40 PIPE SADDLES

SIZE	PART #
1 "	PSAD40-1
1 1/4"	PSAD40-1.25
1 1/2"	PSAD40-1.5
2"	PSAD40-2
3"	PSAD40-3

T-304 S.S. TUBE SIZE SADDLES

SIZE	PART #
1 1/2"	PSADT-1.5
2"	PSADT-2

T-304 S.S. ADJUSTABLE BAND CLAMPS (19 GA X 1" WIDE)

State O.D. Measurement of pipe or tube and material thickness to be banded



SIZE	PART #
5" - 36"	CLAMP5-36
37" - 48"	CLAMP37-48
49" - 60"	CLAMP49-60
61" -85"	CLAMP61-85

T-304 S.S. ADJUSTABLE LEGS



SIZE	WEIGHT CAPACITY	PART #
1 1/4" Sch 10 x 4" long	2,000 lbs	LEG-1.25X4
1 1/2" Sch 10 x 6" long	4,500 lbs	LEG-1.5X6
1 1/2" Sch 10 x 12" long	4,500 lbs	LEG-1.5X12
2" Sch 40 x 6" long	5,500 lbs	LEG-2X6
2 1/2" Sch 40 x 6" long	7,000 lbs	LEG-2.5X6
3" Sch 40 x 6" long	7,500 lbs	LEG-3X6
4" Sch 40 x 6" long	8,500 lbs	LEG-4X6
2" Square x 6" long 11ga	4,500 lbs	LEGSQ-2

T-304 S.S. WALL PLATE AND LEG PADS

Other sizes available upon request



WALL PLATES

SIZE	PART #
1/4" x 2" x 6"	WP1/4-26
1/4" x 2" x 7"	WP1/4-27
1/4" x 2 1/2" x 6"	WP1/4-2.56
1/4" x 2 1/2" x 7"	WP1/4-2.57
1/4" x 3" x 3"	WP1/4-33
1/4" x 4" x 4"	WP1/4-44
1/4" x 6" x 6"	WP1/4-66
1/4" x 8" x 8"	WP1/4-88
3/8" x 4" x 4"	WP3/8-44
3/8" x 6" x 6"	WP3/8-66

ADDITIONAL CHARGE FOR HOLES

SIZE	ADD TO ABOVE WALL PLATE PART #
1 Hole	-1H
2 Holes	-2H
3 Holes	-3H
4 Holes	-4H

LEG PADS

Please call to discuss sizes

T-304 S.S. RINGS (16GA)

Also available in 14ga upon request

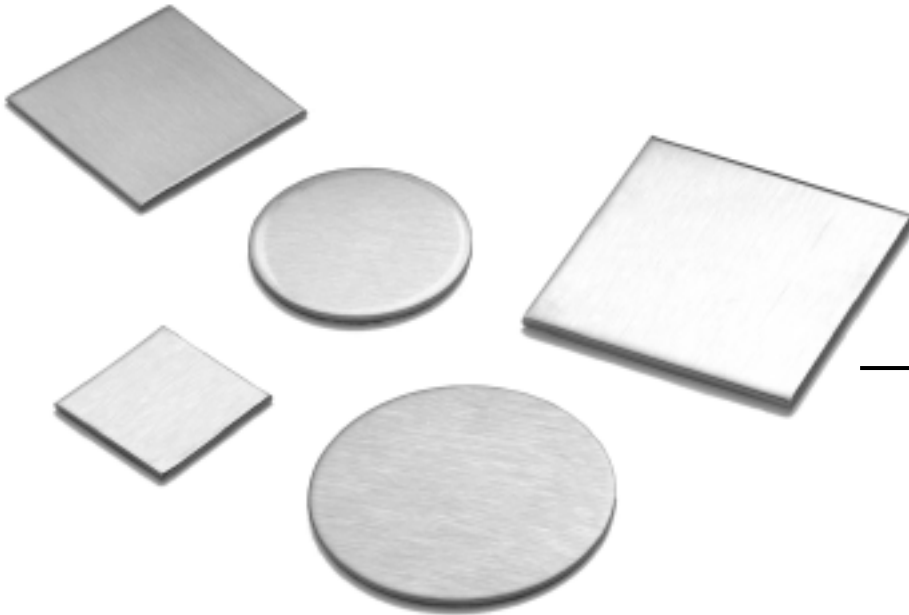
Other sizes available upon request



SIZE	PART #
1/2" ID x 4" OD	RING1/24
1" ID x 1 1/2" OD	RING11.5
1" ID x 2" OD	RING12
1" ID x 2 1/2" OD	RING12.5
1" ID x 3" OD	RING13
1 1/2" ID x 2" OD	RING1.52
1 1/2" ID x 2 1/2" OD	RING1.52.5
1 1/2" ID x 3" OD	RING1.53
2" ID x 2 1/2" OD	RING22.5
2" ID x 3" OD	RING23
2" ID x 4" OD	RING24
2 1/2" ID x 3" OD	RING2.53
2 1/2" ID x 3 1/2" OD	RING2.53.5
2 1/2" ID x 4" OD	RING2.54
3" ID x 4" OD	RING34
3" ID x 4 1/2" OD	RING34.5
4" ID x 5" OD	RING45
4" ID x 6" OD	RING46

T-304 S.S. END CAPS (FLAT)

Other size end caps available upon request



TUBE SIZE

SIZE	PART #
1/2"	ECT-1/2
3/4"	ECT-3/4
1"	ECT-1
1 1/2"	ECT-1.5
2"	ECT-2
2 1/2"	ECT-2.5
3"	ECT-3
4"	ECT-4
5"	ECT-5
6"	ECT-6

PIPE SIZE

SIZE	PART #
1/2"	ECP-1/2
3/4"	ECP-3/4
1"	ECP-1
1 1/4"	ECP-1.25
1 1/2"	ECP-1.5
2"	ECP-2
2 1/2"	ECP-2.5
3"	ECP-3
4"	ECP-4

SQUARE END CAPS

SIZE	PART #
1"	ECSQ-1
1 1/2"	ECSQ-1.5
2"	ECSQ-2
2 1/2"	ECSQ-2.5
3"	ECSQ-3
4"	ECSQ-4

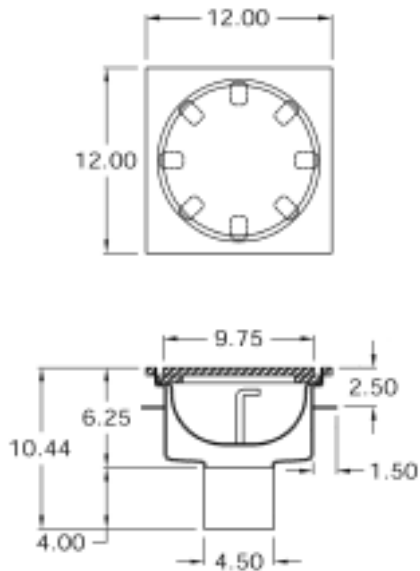
ADDITIONAL CHARGE ADDED TO END CAP

DESCRIPTION	ADD TO END CAP PART #
Dished end cap	– DISHED
Weld 1/2" nut to end cap	– W/.5NUT

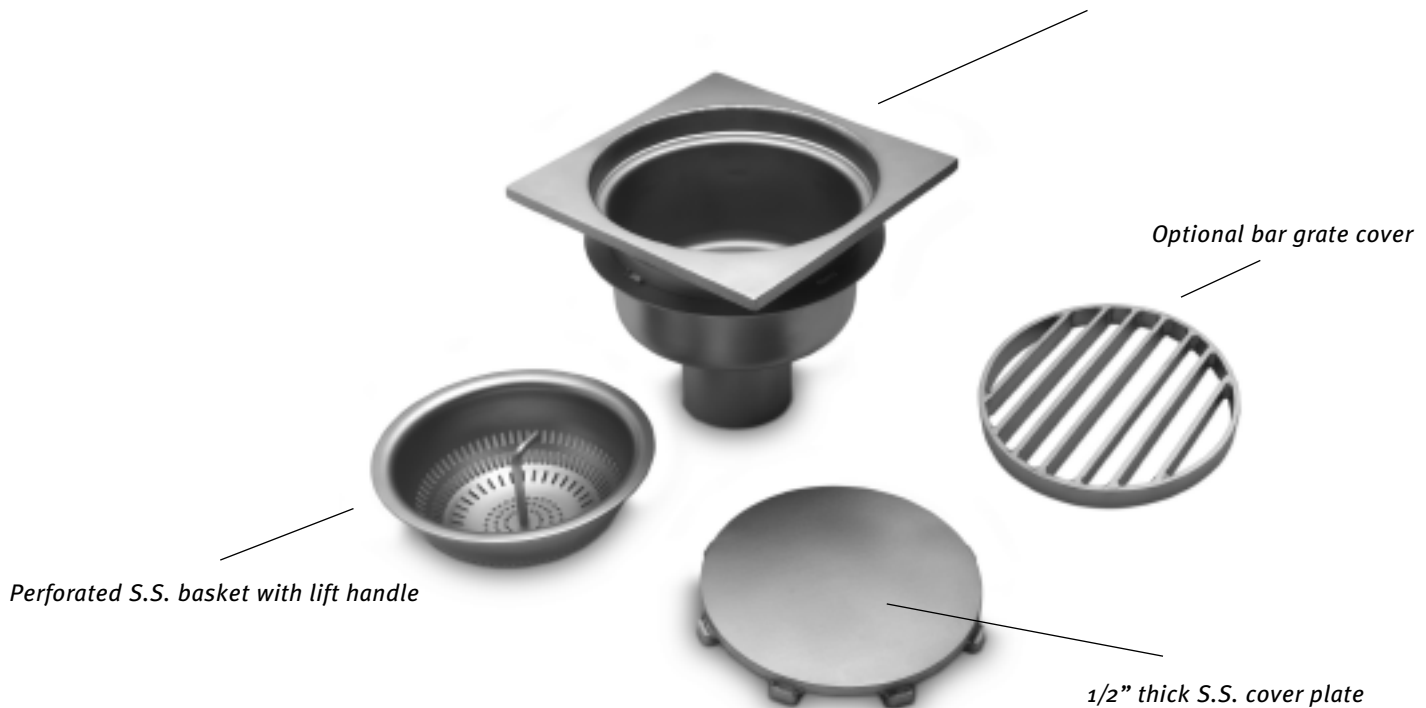
FLOOR DRAINS



SANITARY FLOOR DRAINS



- Drain top constructed of 1/2" x 12" x 12" S.S. plate
- 12 ga. x 10 3/4" dia. x 6" deep body
- 4" long outlet extension

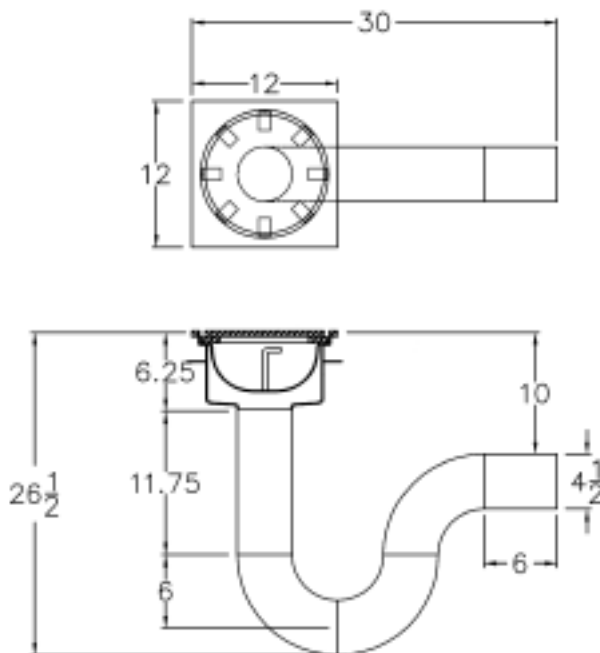


- ▶ 12 Ga single piece, seamless construction on body
- ▶ T-304 stainless construction
- ▶ Withstands heavy equipment traffic
- ▶ Standard size 4" Sch.-10 outlet
- ▶ Other outlet sizes available
- ▶ Glass beaded finish
- ▶ Outer cement ring
- ▶ USDA Approved

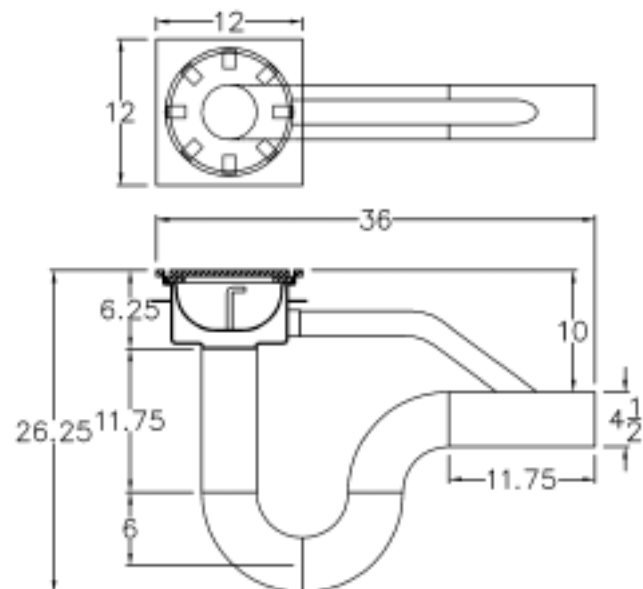


- ▶ Sch. 10 elbows and pipe
- ▶ 2" tube cleanout from drain to discharge
- ▶ 1 1/2" internal plug in drain to prevent backflow
- ▶ 12 ga. cement ring

4" FLOOR DRAIN WITH "P" TRAP



4" FLOOR DRAIN WITH TRAP AND CLEANOUT



HUB DRAINS

- ▶ T-304
- ▶ Glass Bead Finish
- ▶ Size as Specified



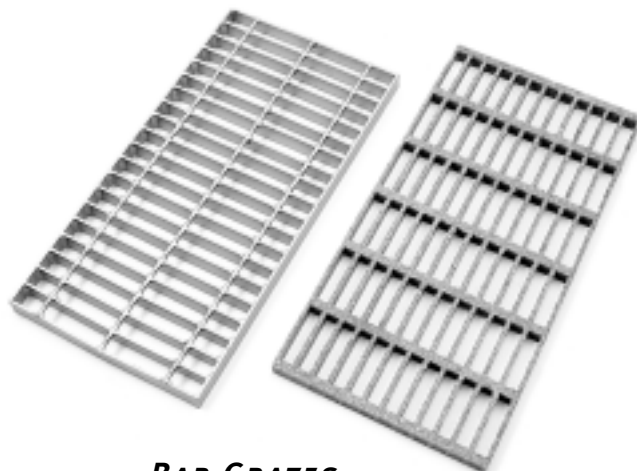
ADJUSTABLE CLEANOUT

- ▶ T-304
- ▶ Adjusting Set Screws
- ▶ Optional Brass Plug
- ▶ O-Ring Sealed Surface



TRENCH DRAINS

- ▶ 12 ga. T-304 construction
- ▶ Outlet size as specified
- ▶ Chemgrate or stainless steel bar grating
- ▶ Cement anchors on side of trench drain to embed in concrete
- ▶ 1/8" per foot slope



BAR GRATES

TANKS

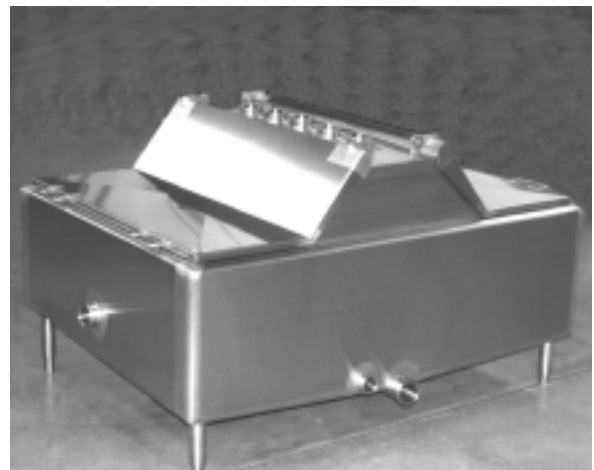
ROUND RAISED BRIDGE BALANCE TANK



- ▶ Custom designed tanks
- ▶ Legs provided with adjustable ball feet
- ▶ Fabricated to meet 3A sanitary standards
- ▶ Removable-locking position cover
- ▶ T-304 or T-316

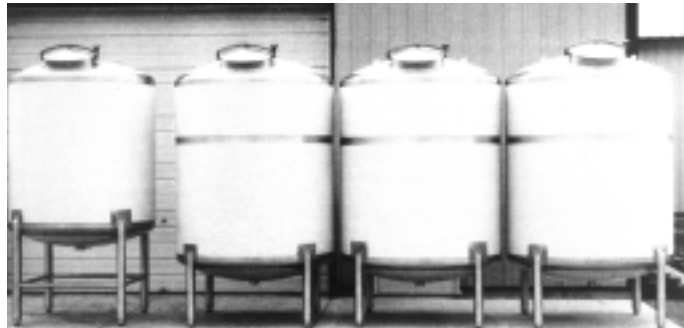
- ▶ Raised bridge to meet current PMO standards
- ▶ One piece hinging cover with inspection port
- ▶ 3/4" radius corners for easy cleaning
- ▶ #4 finish inside and out

RECTANGLE BALANCE TANK



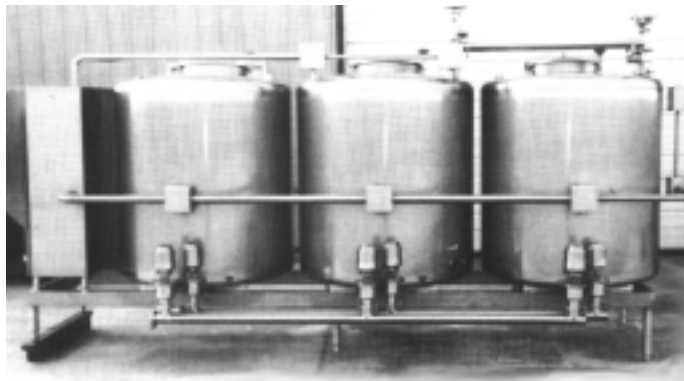
STORAGE TANKS

- ▶ T-304 or T-316L construction
- ▶ Fabricated as per your design
- ▶ S.S. adjustable legs
- ▶ 17 3/16" dia. or 19 15/16" dia. manways
- ▶ Welds polished to meet 3A standards
- ▶ Flat-flanged, cone, or dished heads



CUSTOM FABRICATED CIP TANKS

- ▶ Designed and fabricated to meet 3A standards
- ▶ Fabricated from either 304 or 316 S.S.
- ▶ Choice of 2B or #4 finish exterior and interior



STORAGE TANK WITH LADDER



STORAGE TANK AND CONTROL CABINET



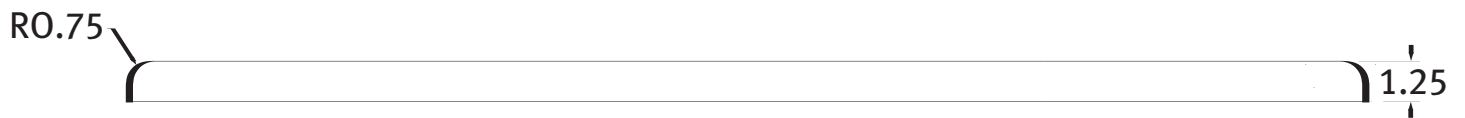
1/4" KNUCKLE RADIUS FLAT FLANGE HEAD

- 20ga – 7ga ► 12" – 96" ► + or – 1/16" Diameter Tolerances



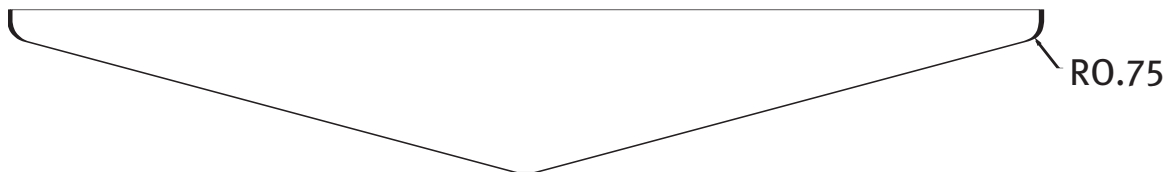
3/4" KNUCKLE RADIUS FLAT FLANGE HEAD

- 12ga – 1/4" Plate ► 12" – 96" ► + or – 1/16" Diameter Tolerances



3/4" KNUCKLE RADIUS 15 DEGREE CONE HEAD

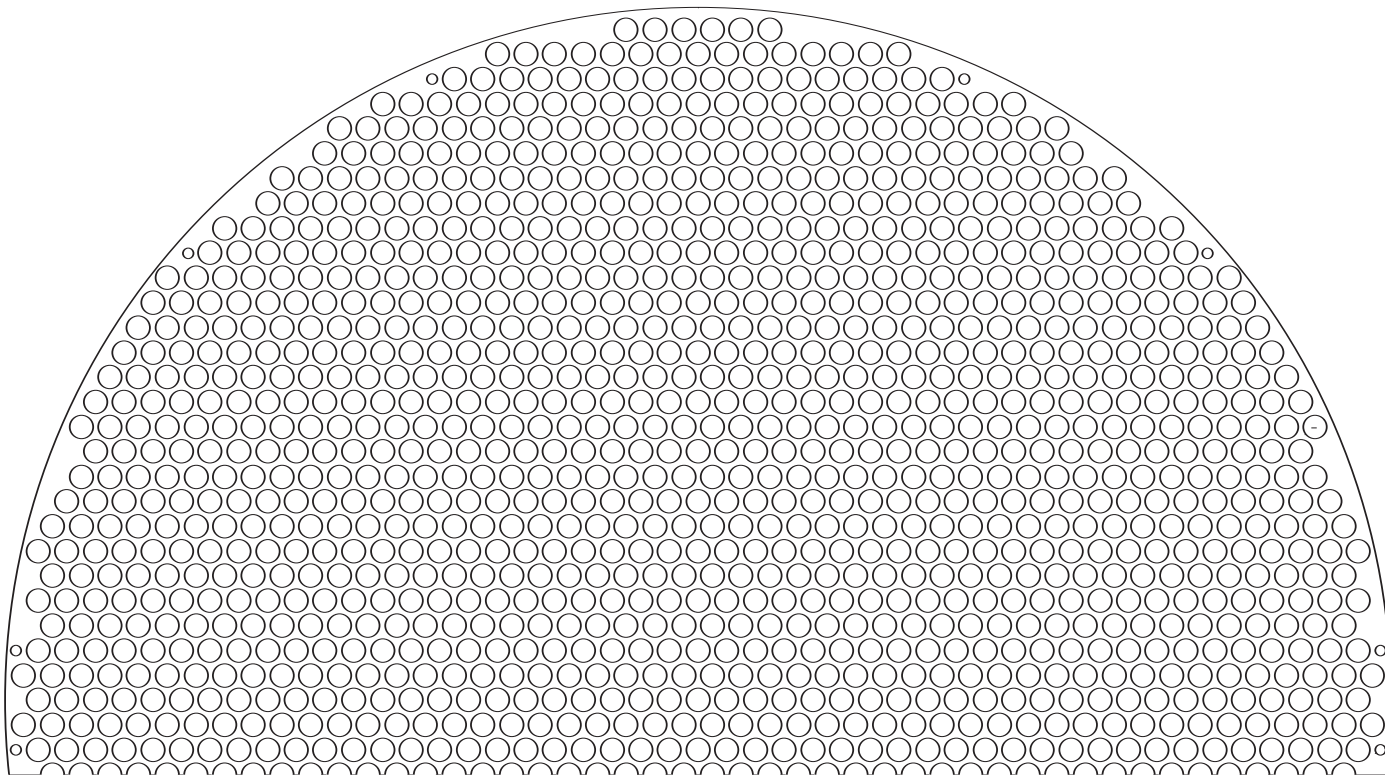
- 12ga – 7ga ► 20" – 96" ► + or – 1/8" Diameter Tolerances



BAFFLE PLATES/TUBE SHEETS

Customize to your design

Available in Stainless Steel and Carbon Steel

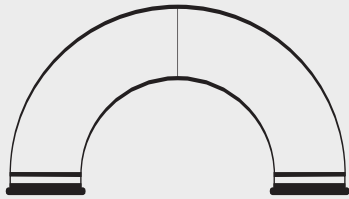


FLOW PLATES

- ▶ Welds polished on front, seal welded and cleaned on back
- ▶ Constructed of either T-304 or T-316 S.S.
- ▶ Fabricated with tri-clamp, bevel seat or John Perry ferrules
- ▶ Constructed of 3/16" or 1/4" thick plate (as per your design)
- ▶ 1 1/2" bent lip on all four sides of plate
- ▶ 3" long butt weld tube or fitting on back
- ▶ Fabricated as per your design

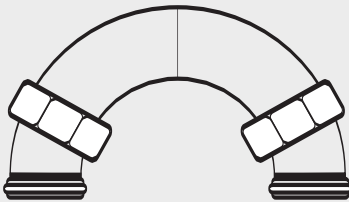


**TRI-CLAMP, BEVEL SEAT,
AND JOHN PERRY FITTINGS
WITH AND WITHOUT
BACK FITTING**



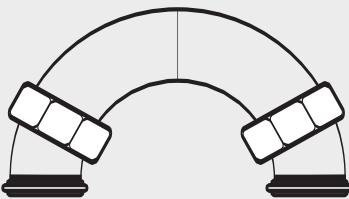
A

TRI-CLAMP



A

BEVEL SEAT



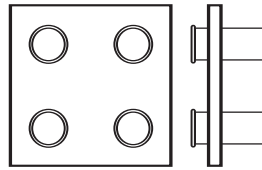
A

JOHN PERRY

RETURN BENDS

PORT SIZE	"A"
1 1/2"	4 1/2"
2"	6"
2 1/2"	7 1/2"
3"	9"
4"	12"

4 PORT

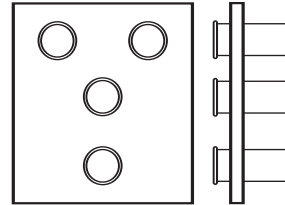


PORT SIZE

A

1 1/2"	11" x 11"
2"	12" x 12"
2 1/2"	14" x 14"
3"	16" x 16"
4"	20" x 20"

4 PORT

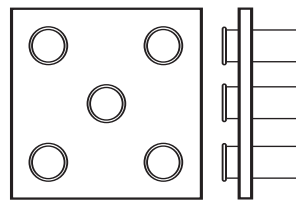


PORT SIZE

A

1 1/2"	14" x 14"
2"	16" x 16"
2 1/2"	18" x 18"
3"	21" x 21"
4"	27" x 27"

5 PORT

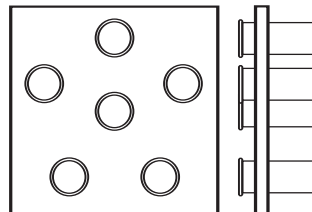


PORT SIZE

A

1 1/2"	14" x 14"
2"	16" x 16"
2 1/2"	18" x 18"
3"	21" x 21"
4"	27" x 27"

6 PORT

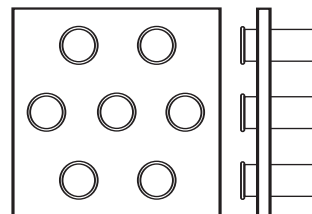


PORT SIZE

A

1 1/2"	15" x 15"
2"	18" x 18"
2 1/2"	21" x 21"
3"	24" x 24"
4"	30" x 30"

7 PORT

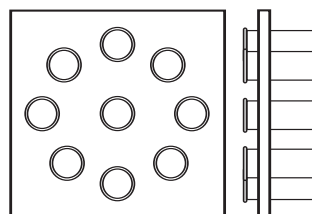


PORT SIZE

A

1 1/2"	15" x 15"
2"	18" x 18"
2 1/2"	21" x 21"
3"	24" x 24"
4"	30" x 30"

9 PORT



PORT SIZE

A

1 1/2"	15" x 15"
2"	18" x 18"
2 1/2"	21" x 21"
3"	24" x 24"
4"	30" x 30"

ENCLOSURES

NEMA - 4 S.S. CONTROL CABINETS

- ▶ Fabricated from 14 ga. or 12 ga. 304 S.S. with #4 finish on exterior
- ▶ .125 aluminum sub-panels
- ▶ Hinged and gasketed doors with three point roller ball assemblies, T-handles, twist clamps or 1/4 turn latches
- ▶ Instrument knockouts as per customers drawings



ELECTRICAL ENCLOSURES



- ▶ Fabricated to NEMA standards
- ▶ Sized to customer specs
- ▶ T-304 S.S. – 12, 14, or 16ga
- ▶ Polished O.D.
- ▶ Holes punched per customer specs



~EXPANDED PRODUCT OFFERING FOR 2009~

JUNCTION BOXES

- ▶ Increased product line

DISCONNECT PANELS

- ▶ Sizes up to 10 feet long

SUB PANELS

- ▶ Sizes and options coming soon

CUSTOM CABINETS

- ▶ Cabinets fabricated to your specs

SLOPED TOP ENCLOSURES

- ▶ Increased sanitation

MOUNTING TABS

- ▶ Available on all enclosures

~ADDITIONAL OPTIONS~

LATCHES/HANDLES

- ▶ Screw Clamp
- ▶ Twist Clamp
- ▶ “T” Handles
- ▶ “L” Handles
- ▶ 1/4 Turn Latches
- ▶ Three-point roller ball

HINGES

- ▶ Piano
- ▶ Tear-drop

T-304 S.S. NEMA-1 JUNCTION BOXES

Other sizes available on request



		WITHOUT GASKET	WITH GASKET
	SIZE	PART #	PART #
	4" x 4" x 3" 16 ga	N1-443	N1-443CG
	4" x 4" x 4" 16 ga	N1-444	N1-444CG
	6" x 6" x 4" 16 ga	N1-664	N1-664CG
	6" x 6" x 6" 16 ga	N1-666	N1-666CG
	8" x 8" x 5" 16 ga	N1-885	N1-885CG
	12" x 12" x 6" 16 ga	N1-12126	N1-12126CG
*	6" x 4" x 4" 16 ga	N1-664	N1-644CG
*	8" x 6" x 4" 16 ga	N1-864	N1-864CG
*	10" x 8" x 4" 16 ga	N1-1084	N1-1084CG
*	12" x 10" x 6" 16 ga	N1-12106	N1-12106CG
*	14" x 12" x 6" 16 ga	N1-14126	N1-14126CG
*	16" x 14" x 6" 16 ga	N1-16146	N1-16146CG

*New Sizes

T-304 S.S. NEMA-4x JUNCTION BOXES (HINGED & GASKETED)

Other sizes available on request



	SIZE	PART #
	4" x 4" x 3" 16 ga	N4-443
	4" x 4" x 4" 16 ga	N4-444
	6" x 6" x 4" 16 ga	N4-664
	6" x 6" x 6" 16 ga	N4-666
	8" x 8" x 5" 16 ga	N4-885
	12" x 12" x 6" 16 ga	N4-12126
*	6" x 4" x 4" 16 ga	N4-664
*	8" x 6" x 4" 16 ga	N4-864
*	10" x 8" x 4" 16 ga	N4-1084
*	12" x 10" x 6" 16 ga	N4-12106
*	14" x 12" x 6" 16 ga	N4-14126
*	16" x 14" x 6" 16 ga	N4-16146

*New Sizes

T-304 S.S. NEMA-1 JUNCTION BOXES WITH MOUNTING TABS

Other sizes available on request



NEW FOR 2009!
Mounting Tabs

		WITHOUT GASKET	WITH GASKET
	SIZE	PART #	PART #
	4" x 4" x 3" 16 ga	N1-443-MT	N1-443CG-MT
	4" x 4" x 4" 16 ga	N1-444-MT	N1-444CG-MT
	6" x 6" x 4" 16 ga	N1-664-MT	N1-664CG-MT
	6" x 6" x 6" 16 ga	N1-666-MT	N1-666CG-MT
	8" x 8" x 5" 16 ga	N1-885-MT	N1-885CG-MT
	12" x 12" x 6" 16 ga	N1-12126-MT	N1-12126CG-MT
*	6" x 4" x 4" 16 ga	N1-664-MT	N1-644CG-MT
*	8" x 6" x 4" 16 ga	N1-864-MT	N1-864CG-MT
*	10" x 8" x 4" 16 ga	N1-1084-MT	N1-1084CG-MT
*	12" x 10" x 6" 16 ga	N1-12106-MT	N1-12106CG-MT
*	14" x 12" x 6" 16 ga	N1-14126-MT	N1-14126CG-MT
*	16" x 14" x 6" 16 ga	N1-16146-MT	N1-16146CG-MT

**New Sizes*

T-304 S.S. NEMA-4x JUNCTION BOXES (HINGED & GASKETED) WITH MOUNTING TABS

Other sizes available on request



NEW FOR 2009!
Mounting Tabs

	SIZE	PART #
	4" x 4" x 3" 16 ga	N4-443-MT
	4" x 4" x 4" 16 ga	N4-444-MT
	6" x 6" x 4" 16 ga	N4-664-MT
	6" x 6" x 6" 16 ga	N4-666-MT
	8" x 8" x 5" 16 ga	N4-885-MT
	12" x 12" x 6" 16 ga	N4-12126-MT
*	6" x 4" x 4" 16 ga	N4-664-MT
*	8" x 6" x 4" 16 ga	N4-864-MT
*	10" x 8" x 4" 16 ga	N4-1084-MT
*	12" x 10" x 6" 16 ga	N4-12106-MT
*	14" x 12" x 6" 16 ga	N4-14126-MT
*	16" x 14" x 6" 16 ga	N4-16146-MT

**New Sizes*

T-304 S.S. SLOPED TOP ENCLOSURES

NEW FOR 2009!

**Fabricated to your specifications
Expanded catalog coming soon**



Slope Top enclosures offer increased sanitation over traditional enclosures when used in wet and corrosive environments.

SUB PANELS

NEW FOR 2009!

**Fabricated to your specifications
Expanded catalog coming soon**



SUB PANELS

- ▶ Aluminum
- ▶ Galvanized
- ▶ Stainless Steel
- ▶ Steel (powder coated)

LASER DIVISION

About Us

AWI Laser, a division of AWI Manufacturing, was initially formed out of a desire to more efficiently serve our current customers' laser cutting and metal fabrication needs. As the demand for these services grew, we expanded to meet the needs of new customers as well. Instead of you shipping parts from shop to shop for multiple processes, we've brought them under one roof to meet your multiple process needs. Our current customers have appreciated the simplicity and high quality they get with AWI Laser, and we know you will too.

From start to finish, you can count on AWI Laser to act as an extension of your factory. We will never be the weak link in your process. Starting with quick and accurate custom manufacturing quotes — we won't leave you waiting for answers. We will follow up with you throughout the manufacturing process so you never wonder where your order is. We fit into your *Just-In-Time* delivery schedules and can produce parts to meet your deadlines. We will provide the documentation you need and you can be assured there will be no unpleasant surprises when your project is complete. Quality is the number one job of all employees at AWI Laser, which means you never receive an inferior product.

We have what it takes to get your job done. Our 5000-watt lasers cut thicker materials at high speeds; while maintaining tight tolerances for all types of metals. We also provide metal fabrication services including, machining, welding, and forming. You never miss a deadline because of costly multiple shipments. We apply our years of experience to your project and find the most efficient processes that get your product to you fast. We know how to anticipate and solve problems before your project even begins — finding opportunities for improvement that have a positive impact on your bottom line. We base our process on your project to ensure you have a solution that works — there's no cookie-cutter approach here.

Find out what AWI Laser can do for you: request a quote or contact us today.



AWI MANUFACTURING FACILITY INFORMATION

(35,000 Sq. Ft. Manufacturing Floor Space)

LASER CUTTING

- ▶ 5000 Watt Trumpf Laser Cutters
 - 7' X 13' Table Size
 - 1-1/4" Mild Steel
 - 1" Stainless Steel
 - 3/4" Aluminum
 - 3/8" Titanium and Brass

SHEARING

- ▶ 1/2" X 12' Shear
- ▶ 1/4" X 10' Shear
- ▶ 3/8" X 12' Circle Shear

WELDING

- ▶ 12' Seam Welder
- ▶ Spot Welder
- ▶ (4) Mig Welding Machines
- ▶ (22) Tig Welding Machines

MACHINING

- ▶ CNC Vertical Mill Machining Center
- ▶ 66 Ton Ironworker
- ▶ (2) Bridgeport Mills
- ▶ 15" X 48" Gap Lathe

FORMING

- ▶ 190 Ton Press Brake w/CNC Backgauge - 12'
- ▶ 175 Ton Press Brake w/CNC Backgauge - 10'
- ▶ 135 Ton Press Brake - 12'
- ▶ 60 Ton Press Brake w/CNC Backgauge - 8'

ROLLING

- ▶ 1/4" X 12' Roller
- ▶ 1/4" X 5' Roller
- ▶ 10 Gauge x 3' Roller

PUNCHING/STAMPING

- ▶ 75 Ton Punch Press OBI
- ▶ 60 Ton Punch Press OBI
- ▶ 35 Ton Punch Press OBI

OTHER

- ▶ State-of-the-Art Material Nesting
- ▶ 3/8" X 12' Head Flanger
- ▶ Automatic Feed Bandsaw
- ▶ Surface Grinder
- ▶ Skin Packaging Machine
- ▶ Sand Blast Booth
- ▶ 50 HP Screw Air Compressor



AWI MANUFACTURING

320.485.2471 | fax 320.485.4466

Shipping: 3902 230th Street, Winsted, MN 55395 USA | Mailing: P.O. Box 909, Winsted, MN 55395-0909 USA

www.awimfg.com