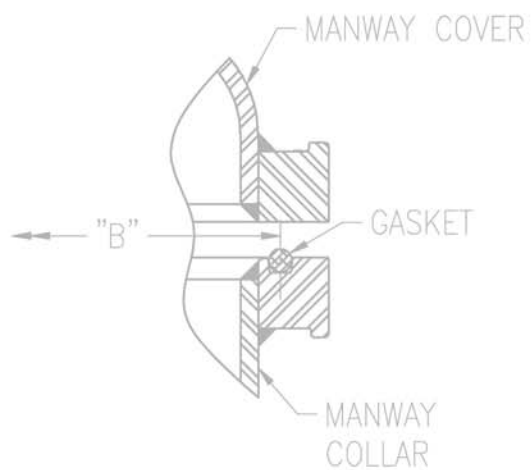
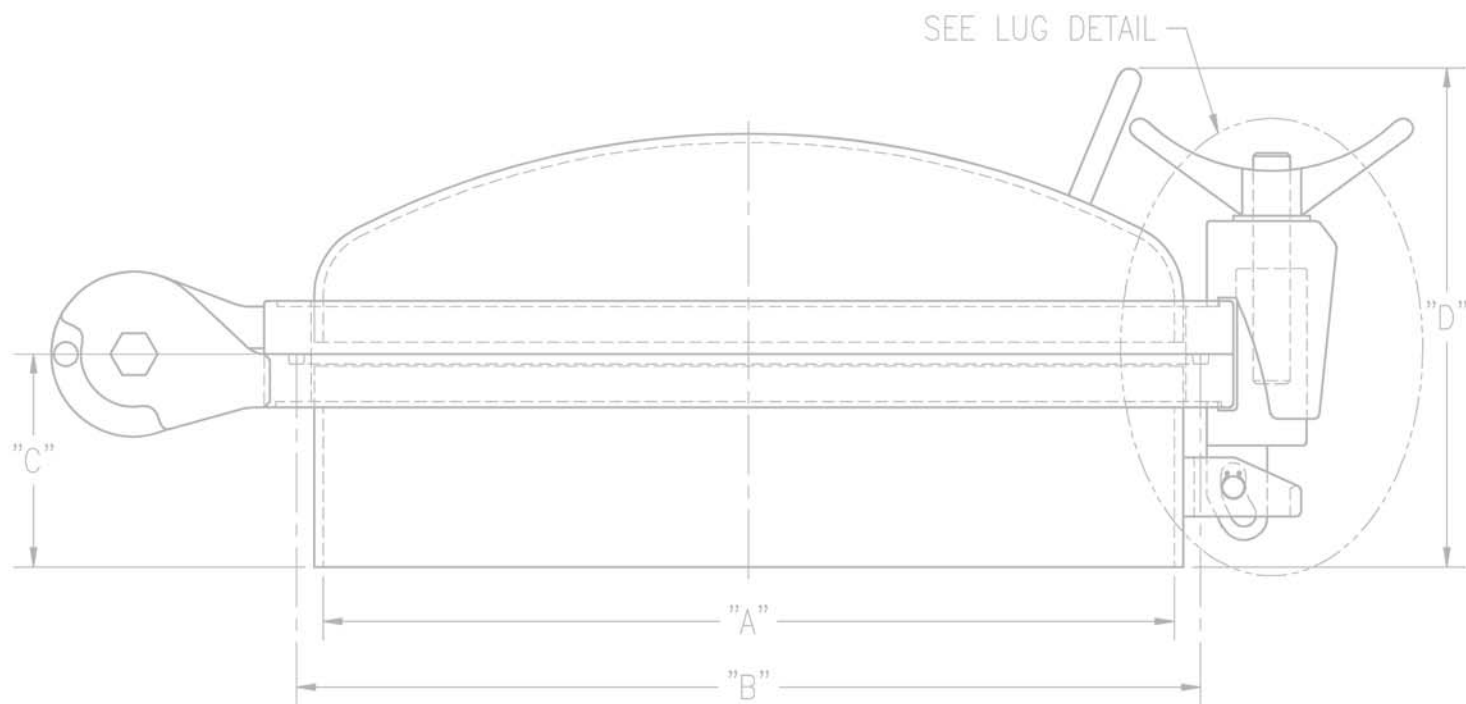


HOLLOWAY

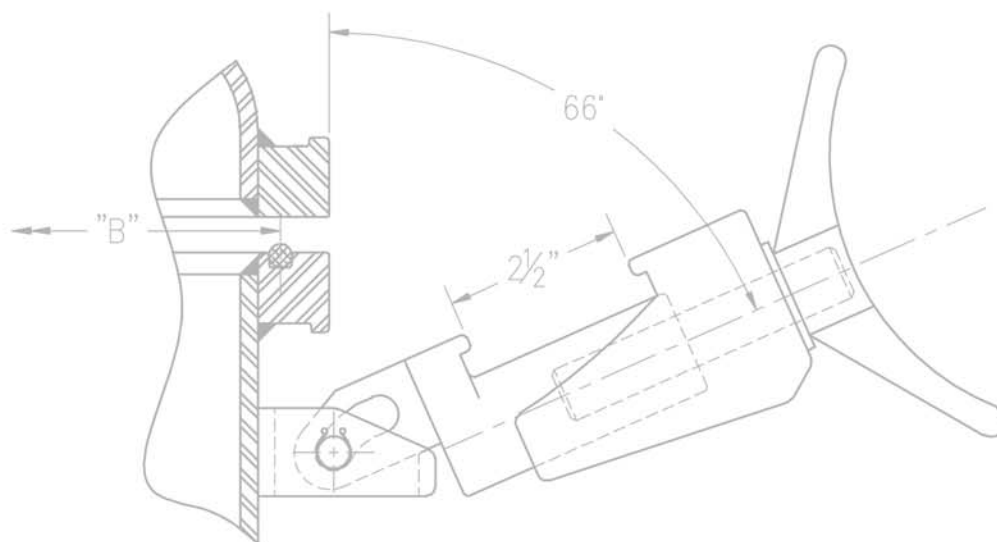
A M E R I C A

YOUR WAY.

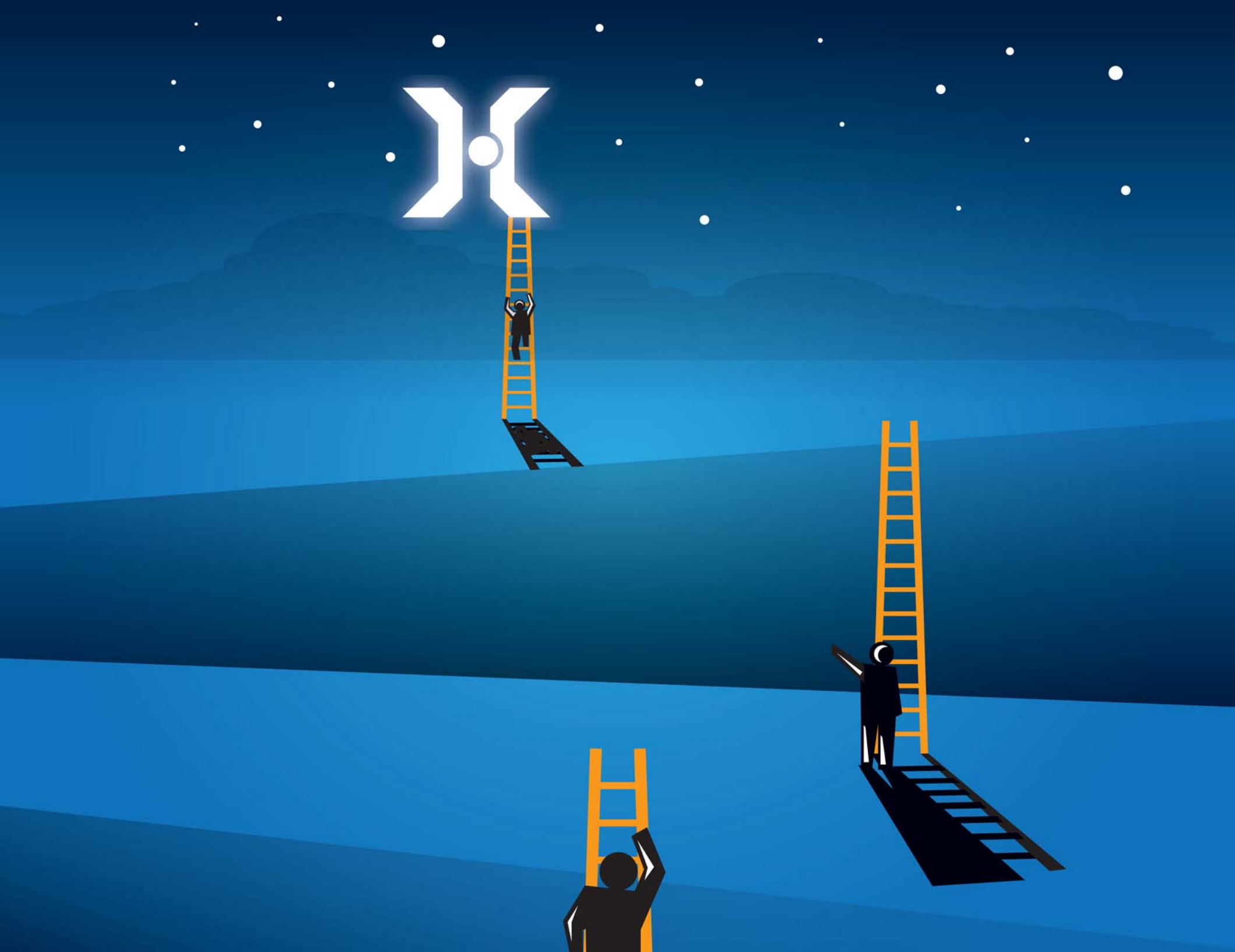




GROOVE DESIGN



LUG DETAIL



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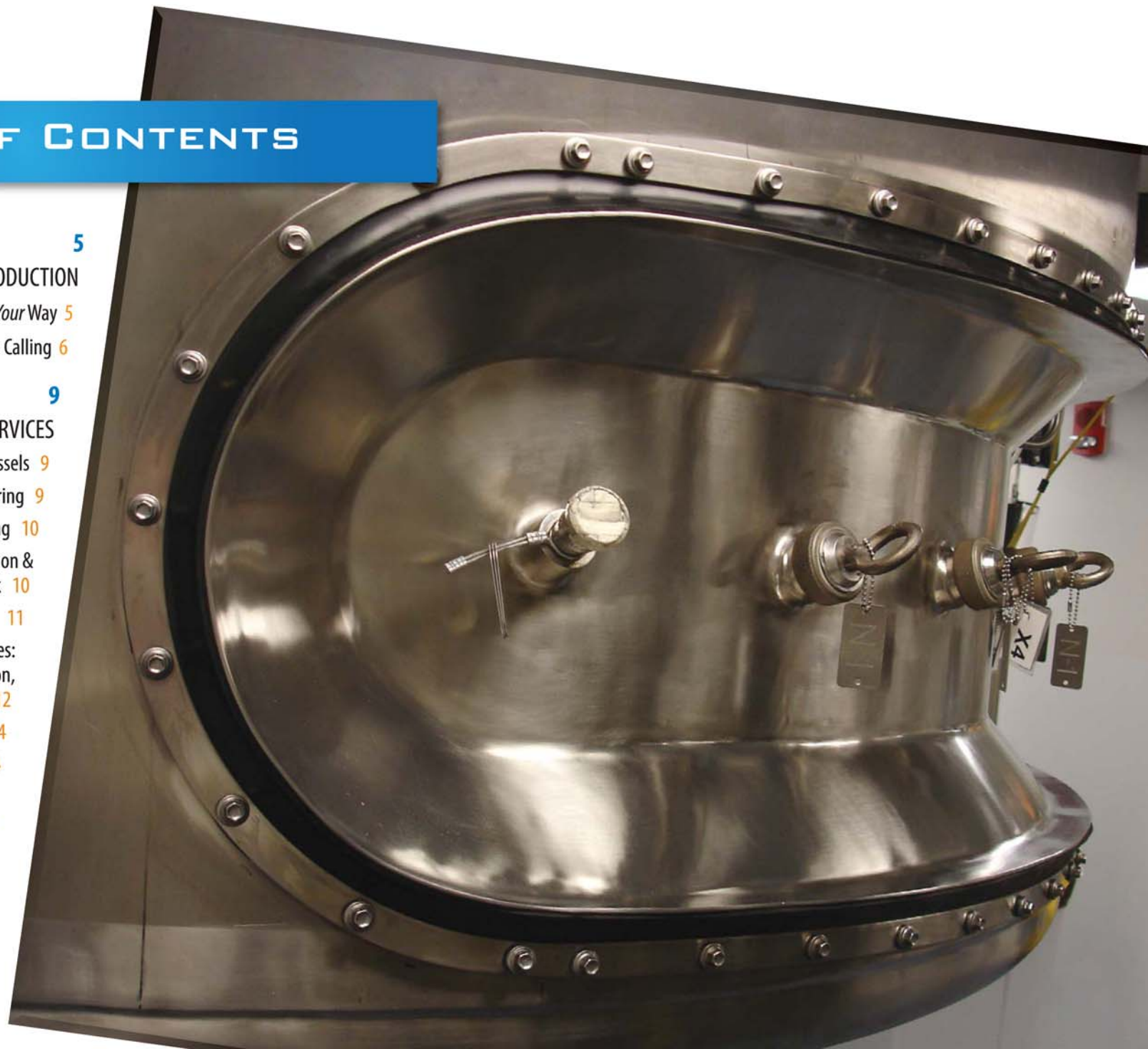
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"In today's tough business environment,  
good partnerships are the  
path to prosperity."

1 1/4" x 1/8" SLOT  
4 1/2"  
Ø 1/32" THRU HOLE



# AN INTRODUCTION TO HOLLOWAY AMERICA

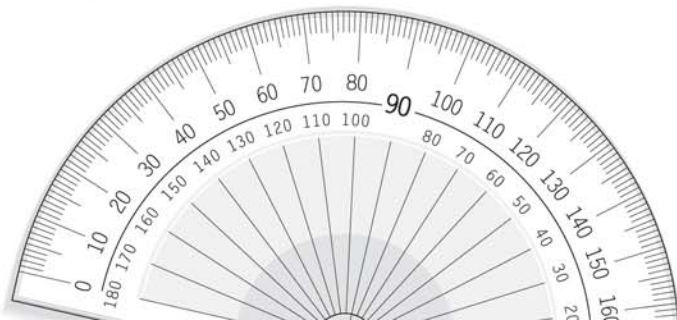


## Your business. Your way.

In today's tough business environment, good partnerships are the path to prosperity.

At HOLLOWAY AMERICA, we function as your *good* partner in the truest sense. Since we opened our doors in 1956, our products and services have been created with only one goal in mind: *your* success. We recognized early on that *your* success meant *our* success. Over the years, the unique relationships we've crafted with our clients have spawned a wide array of superior products and services, as well as a set of manufacturing capabilities *unparalleled* in the industry, including:

- Custom stainless steel tanks, pressure vessels and components
- Custom conceping, design, & engineering, from simple parts to complex machines
- Custom machining/custom fabrication, from simple parts to complex machines
- Custom machine design/build
- **YOURSITE™** On-Location Services including fabrication, repair, retrofit/ modification, and/or replacement of piping, vessels & tanks, valves, instrumentation, controls, and pumps at your location >>







- Installation and startup assistance for new machinery and production lines
- In-plant preventive maintenance programs
- Certified craftsmen (including PED, ASME Section VIII, ASME "R," ASME "U", ASME B31.3, OSHA, & CSE)
- Extensive CNC (Computer Numerical Control) machining
- Equipment repair, parts repair, and equipment modification services
- Special packaging equipment
- General job shop work
- Metallizing



## OUR MISSION: A NOBLE CALLING.

Our direction as a company is clear and concise: whatever we do for you must be done *"your way,"* for *your* benefit. That means products and services designed with HOLLOWAY AMERICA excellence, so you can keep your business running smoothly. Day in. Day out. But that's only a small part of the total picture. This commitment to excellence runs deep, to the very fiber of every member of the HOLLOWAY AMERICA team, from Design to Customer Service to Fabrication—it's even evident in how our groundskeepers and maintenance staff take care of our physical plant. It's this commitment to excellence that brings you products and services that are extraordinary in every way.

(services continued)

- Emergency service (usually at your site within 24 hours)
- Non-destructive testing services
- Process skid/modular process system repair and retrofit/modification, including all related components

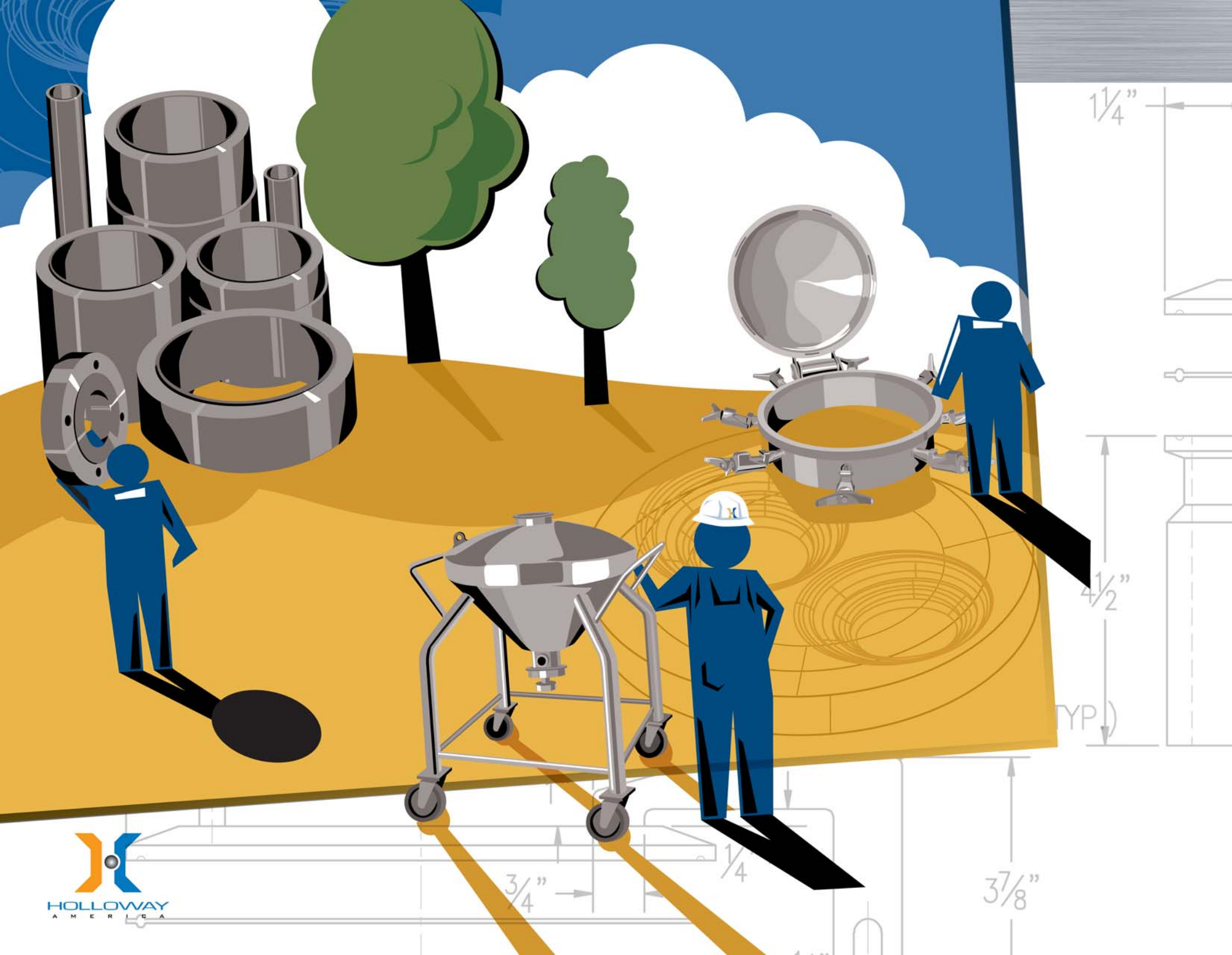




4 1/2"

*"Over the years,  
the unique  
relationships  
we've crafted with  
our clients have  
spawned a wide  
array of superior  
products and  
services..."*







# PRODUCTS & SERVICES



## CUSTOM STAINLESS STEEL TANKS & PRESSURE VESSELS

EXCEPTIONAL. IT'S OUR NORM. Never a commodity item, your custom-fabricated ASME tanks & pressure vessels must perform. Perfectly. Every time. That's where vessels from HOLLOWAY AMERICA truly make their mark. Designed to outperform expectations, we create vessels that function flawlessly. Highly polished. Beautiful in both form and

function. From stainless and exotic alloys. Whether you require capacities of one liter or 1,000,000 gallons, whether for creating life-saving pharmaceuticals or the stuff of daily life, our vessels perform. That's the norm.

## CONCEPTING, DESIGN, & ENGINEERING

YOUR REQUIREMENTS, DESIGNED & ENGINEERED *YOUR WAY*.

From small parts to tools to complete machines for industry, from tank & pressure vessels to process skid/modular process systems—from the simplest to the most complex—initial concept, design, and engineering is a critical quality point that can never be over-

looked or slighted. Suffice it to say, it's in this arena where HOLLOWAY AMERICA truly shines. Our design engineers have spent years perfecting their craft and have a well-deserved reputation

as one of the finest engineering departments in the nation. Combining elements of art and science, they apply proven-yet-progressive engineering techniques, advanced CAD tools, Finite Element Stress Analysis, and instinctively brilliant imagination to bring about designs that just work. Period.

Of course, the HOLLOWAY AMERICA design team is equally adept at working with your own designs to develop finished solutions.







Simple? Complex? Bring your design needs to HOLLOWAY AMERICA and watch them come to life. Your way.

## COMPONENT MANUFACTURING

PART OF THE SOLUTION? OUR PART /S THE SOLUTION.

It only makes sense: your equipment is only as reliable as the quality of its parts. To make sure that every part of your equipment meets our tough quality specs, we personally design, engineer, and fabricate many of the key engineered components of your system.

Excellent components, built upon rigid quality specifications — that's the HOLLOWAY way.

## CUSTOM MACHINING/ CUSTOM FABRICATION & GENERAL JOB SHOP WORK

BUILT TO WORK, BUILT TO LAST. YOUR WAY.

Whether general job shop work or custom, brilliant design *demands* brilliant fabrication. At HOLLOWAY AMERICA,

that's a given. But it certainly didn't happen by accident. It was a deliberate, purposeful,

From your simplest sketches or your most detailed blueprints, our designers can maximize the design of your project so that the completed piece is fully functional, and will meet your requirements perfectly.







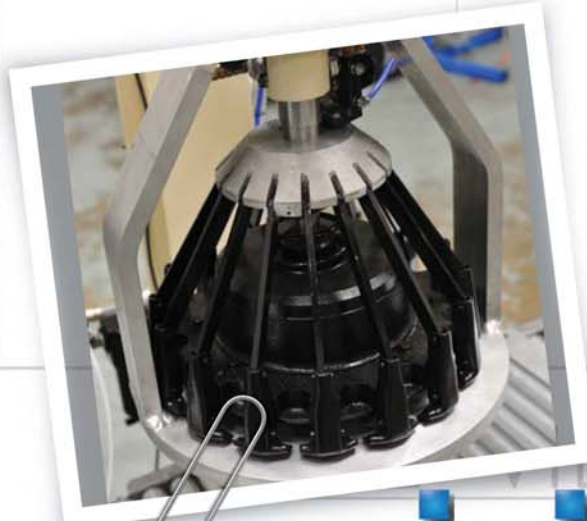
overloaded production situations or tight deadlines and don't want to turn down their customers' requests.

The result? The piece you need, better than you could have imagined. Because it's all about you. Your product. *Your way.*

## CUSTOM MACHINE DESIGN/BUILD

### SPECIAL EQUIPMENT, *YOUR WAY.*

Deep down, you *know* your operation could be more efficient. You know you could increase production. If only you could find that one special piece of equipment to perform that specific set



of tasks. Problem is, that special machine hasn't been invented. Yet.

That's only because you haven't made the call to HOLLOWAY AMERICA. Our engineers can help you invent that special machine or component that will *dramatically* improve your plant's operation or increase your production capabilities.

We've even taken the initiative to develop and fabricate our own line of HOLLOWAY packaging machines; they're designed specifically for dairies

step-by-careful-step approach that sought out—and found—the finest craftsmen in the region. Men and women who have a thorough understanding of how to ply the tools of the trade to create masterpieces with metal. Anything and everything. From simple parts to precision-turned shafts to replacement parts for obsolete machinery to complex machinery built from scratch to you-name-it. We even have the ability to handle overflow fabrication for fabricators who face





and food companies for the efficient and sanitary packaging of cottage cheese, sour cream, dips, and the like.

So, whether it's in your mind or on your mind, it's time to let HOLLOWAY AMERICA make it real.

**YOURSITE™ ON-LOCATION SERVICES: FABRICATION, REPAIR, RETROFIT, MODIFICATION, MAINTENANCE**

*YOUR PLACE, YOUR WAY.*

**Mobile Army Surgical Hospital.**

We're the M\*A\*S\*H unit for your operation. Because it's rarely practical to ship equipment for repairs or modifications, we can do them at your site. YOURSITE™ On-Location Services lets you continue operations. It's factory quality, right before your eyes.

Some of our clients (large manufacturing companies throughout the country) consider us their behind-the-scenes

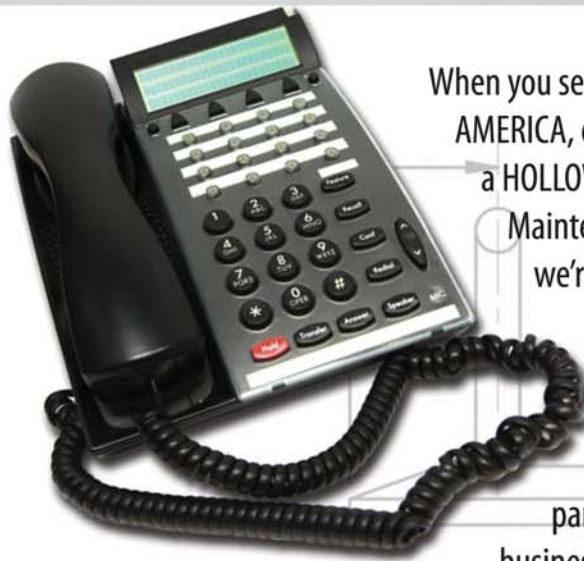
**TOP SECRET**

"secret weapon" because we help them operate smoothly even when their machinery doesn't. We function as part of your maintenance crew, either as-needed, or with scheduled daily equipment inspections and maintenance.

When needed, we can create new equipment right in your plant, right on the spot. Safety guarding? A cinch. New parts? No problem.







When you select HOLLOWAY AMERICA, or sign up for a HOLLOWAY AMERICA Maintenance Plan, we're on-call for your business 24/7/365.

We become that vital part of your business solution team. Because we're flexible, we can match your plant schedules, provide Emergency Service, or work extended hours, weekends, and/or holidays.

We can also provide repair, retrofit/modification, and/or replacement of piping (for all piping systems and configurations), valves, instrumentation, controls, pumps, and vessels & tanks (for all vessel/tanks makes and models). We can even build new tanks/pressure vessels on your site (in the most unlikely or cramped quarters if need be) in sizes ranging from 1 liter to 1,000,000 gallons.

Some of the tank and pressure vessel repairs, modifications, and retrofits we can perform include adding/changing:

- heat transfer surface repairs/installation
- vessel polishing
- vessel electropolishing
- sprayball coverage testing
- flanges, fittings, and ASME code ferrules
- manways
- inspection ports
- light and sightglass assemblies
- vortex breakers
- baffles
- no-foam inlets
- outer sheathing repairs/installation



- vessel extensions (volume increasing)
- agitation systems
- catwalk, ladder, and platform assemblies
- pressure-, level-, and temperature-sensing housings

You'll get complete documentation turnover packages with MTRs (material test reports) and welder certifications. Not sure exactly what the problem is? We offer on-site troubleshooting and analysis."

**YOURSITE™** means less downtime. More productivity. Less frustration. And it's all just a phone call away to HOLLOWAY AMERICA.



SIDE





## NON-DESTRUCTIVE TESTING.

### FAILURE IS NOT AN OPTION.

When it's critical, it *must* be right. When you work with HOLLOWAY, we make sure it is.

Non-destructive testing services we offer include:

- infrared thermography
- dye-penetrant leak testing
- pressure testing
- radiography
- vessel sprayball coverage testing

In addition to our rigorous in-house Quality Assurance and testing procedures, we can offer these tests at your location. Just one more way we do it *your* way.

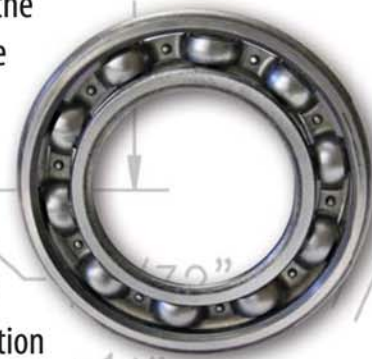
## INFRARED THERMOGRAPHY

### "SEE THE FUTURE."

We've all dreamed about it. Now, with HOLLOWAY'S advanced Infrared Thermography capabilities, it's finally possible to see what the future might have in store. Green and environmentally friendly, our Infrared Thermography can help detect early equipment and structural failures—previously invisible to the naked eye.



Infrared Thermography (IT) is a technique for producing an image of invisible infrared energy that is being emitted by objects. Infrared energy can pass through thin film materials and display thermal conditions that may indicate weaknesses that were previously undetectable by the human eye (some with potentially catastrophic results). IT can be applied in any situation where a problem or condition can reveal itself by showing a thermal difference: motor bearings, electrical wiring heat buildup, thermal energy loss, heat transfer surface leaks, and more.



And while seeing the future with IT may not help your love life, you can spare yourself lots of heartache with a simple call to HOLLOWAY AMERICA.





## INSTALLATION OF NEW MACHINERY & PRODUCTION LINES

SOMETIMES, THE BEST DEFENSE IS A GOOD OFFENSE.

When it's time to attack the situation head-on by installing new equipment or replacing old with new, it's time to call HOLLOWAY AMERICA.

Whether it's a single new machine or an entire new production line, we're equally at home. An intimate knowledge of specialized machinery is our strong suit. Hence, we'll thoroughly understand your new machine(s) *inside and out*, and will help you get the most from your new equipment investment. To us, it's just simple dollars and sense.



## EQUIPMENT REPAIR, PARTS REPAIR, EQUIPMENT MODIFICATION

YOUR EQUIPMENT, MADE MORE USEFUL.

Imagine this: you have production equipment critical to your operation. It's broken or needs updating. You can't get the manufacturer to do it: maybe they're out of business, maybe they have bad service, maybe they no longer make the parts, maybe they're not equipped to modify it. Still, you know it has intrinsic value, and that the cost of replacement will seriously impact the bottom line. What can you do?

Pick up the phone. Call HOLLOWAY AMERICA. It's that simple. Because that's the stuff we *thrive* on: repairs and modifications, *your way*. We're equipped for it. We do it all the time. And, we make it work, no matter who made the equipment in the first place.



## CERTIFICATIONS TRAINED AND READY.

Having the knowledge that your suppliers are up to the task is critical. At HOLLOWAY AMERICA, we offer the following certifications for your peace-of-mind:

- PED (Pressure Equipment Directive)
- ASME and OSHA certified craftsmen
- ASME Section VIII certification
- ASME "R" repair stamp certification to support extensive field work, including new vessel fabrication on your site
- ASME B31.3 Process Piping qualification
- Craftsmen with Confined Space Entry (CSE) certification



# THE HOLLOWAY AMERICA

It's impossible to create excellent products without an excellent facility. Often overlooked by other fabricators, we at HOLLOWAY AMERICA recognize it for what it is: a critical element of product quality.

Within our 42,000 square feet, we've organized and equipped our plant with the tools to do the job with excellence: plasma burners, waterjet cutters, a wide variety of CNC (Computer Numerical Control) equipment, presses, cutting equipment, welding equipment, metallizing equipment, and more. Well-equipped with the latest technology and highly regarded in the industry, our plant is also staffed with

experienced craftsmen, seasoned by years of ongoing training and meticulous attention to detail.

Fully accredited as an ASME and PED facility, we also design and fabricate to the most stringent standards set by the 3A, FDA, USDA, API-620 and API-650. Of course,



# HOLLOWAY AMERICA MANUFACTURING FACILITY

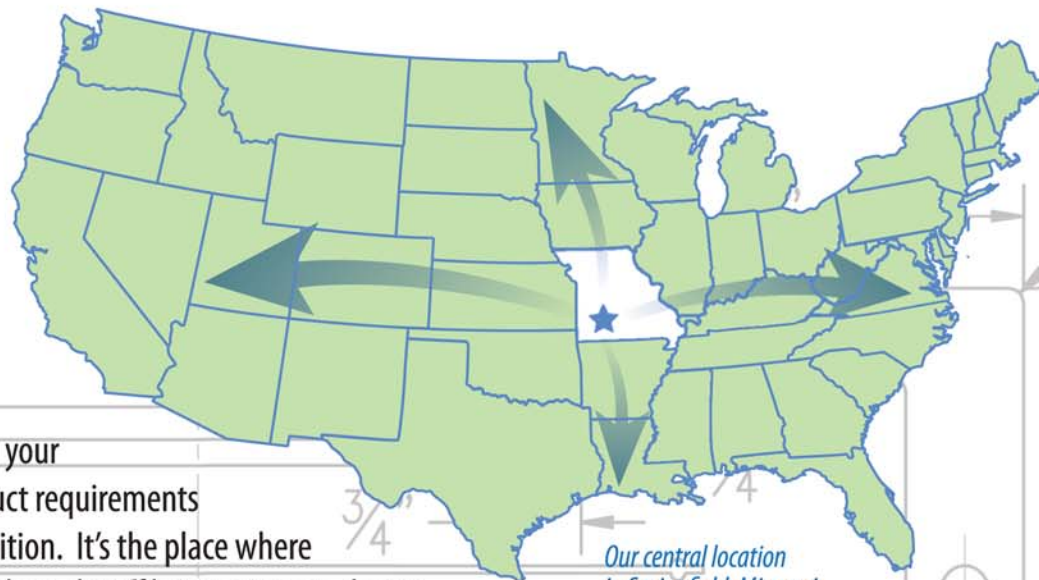
(TYP.)

a full-time Quality Assurance team and an on-call ASME inspector means excellence is built into every stage, every minuscule detail of your project.

And, not to be overlooked, our plant is well situated in the heart of the Midwest (Springfield, Missouri). To us, that means reduced production costs due to lower shipping costs, lower overhead costs, and lower labor costs. To you, that means you get legendary HOLLOWAY AMERICA quality at a cost that reflects well on the bottom line.

The result? The HOLLOWAY AMERICA plant is your strongest resource to

bring your product requirements to fruition. It's the place where our talented staff brings intricate design ideas to life – every project, every day, for every client – in a superior way. Your way.



*Our central location in Springfield, Missouri, means lower shipping costs.*







# MATERIALS OF CONSTRUCTION



## SUPERIOR PRODUCTS START WITH SUPERIOR MATERIALS.

It goes without saying that a product's inherent quality starts with the quality of the metal from which it's fabricated. That's why HOLLOWAY AMERICA carefully chooses only top-grade materials for your projects. HOLLOWAY AMERICA craftsmen are adept at fabricating from a wide variety of metals for a mind-boggling variety of applications. In addition to simple Type 316L

stainless steels, they're experts at fabricating

with a wide range of special alloy blends that are formulated for specific applications and performance characteristics for a mind-boggling variety of applications. Materials we can work with include:

- Alloy 20
- HASTELLOY®\*
- C22
- C276
- 200
- All type 300
- 400
- 600
- 601
- 625
- 800• 825
- TYPE 317L
- 904L
- 2205
- 254SMO
- AL-6XN®\*
- Brass
- Aluminum
- Copper
- Titanium

\*HASTELLOY® is a trademark of Hanes International, Inc.; AL-6XN is a trademark of Allegheny Ludlum

## MATERIAL FINISHES

### FINISH WELL WITH A SUPERIOR FINISH.

Beautiful. Cleanable. Whether for aesthetic, architectural, or sanitary reasons, our craftsmen understand how

to achieve beautiful, functional, cleanable surface finishes for your project, and can finish to whatever degree of polish you require. From 50 Ra to 10Ra and lower – even electropolished – get finishes applied *your way*.





# CUSTOMER CARE

## SERVICE, *YOUR* WAY.

Ultimately, it's about you. Your project. Your future. Your business. *Your* way. If it weren't about you, we would have closed our doors a long time ago. Since our start in 1956, our mission has ultimately been about a higher commitment to a higher level of customer care.

At HOLLOWAY AMERICA, our brand of service *always* incorporates the HOLLOWAY TEAM approach. Every project starts – and ends – with your

point-of-contact, your HOLLOWAY AMERICA Project Manager. In addition to you and your Project Manager, your team includes a designated Purchasing Agent, Design Engineer(s), numerous Fabrication Specialists, and a Quality Control agent. You can be sure that you'll never be more than a phone call or email away from your project.

## INDUSTRIES SERVED

YOUR INDUSTRY, *YOUR WAY*.

No matter your industry, chances are we've served it on some level.



Businesses like:

- Biotechnology Companies
- Pharmaceutical Manufacturers
- Food, Wine, and Beverage Processors
- Cosmetic Companies
- Chemical/Fine Chemical Companies
- Wineries
- Dairies & Dairy Manufacturers
- Nutritional/Nutraceutical Manufacturers
- Adhesives Manufacturers
- Packaging Providers
- Carton And Container Material Handling
- Medical Tooling Shops
- Paper, Plastic And Foam Cup Filling
- Utilities
- Stainless Steel Fabricators
- Food Service Companies



- Semiconductor Manufacturers
- Architectural & Construction Firms
- Wastewater Processors
- Oil & Petrochemical Companies
- Pulp & Paper Companies
- Munitions Companies
- Quarry Miners
- Diesel Engine & Transmission Remanufacturers
- Refrigeration Companies

At HOLLOWAY AMERICA, we take pride in finding solutions for a wide variety of industries. No matter the application, chances are good that we can serve you, too.





Call Holloway  
America  
866.659.0077  
417.863.0077

# CONCLUSION

## YOUR WAY OR THE HIGHWAY.

Ultimately, HOLLOWAY AMERICA stands for quality done your way. It's our passion. And it's evident at every level of our business. Innovative design. Exceptional fabrication. Brilliant service. All accomplished with old-world value and excellence.

Contact us today to begin a dialogue. Together, let's brainstorm ways to bring HOLLOWAY AMERICA excellence to your next project. Your way.



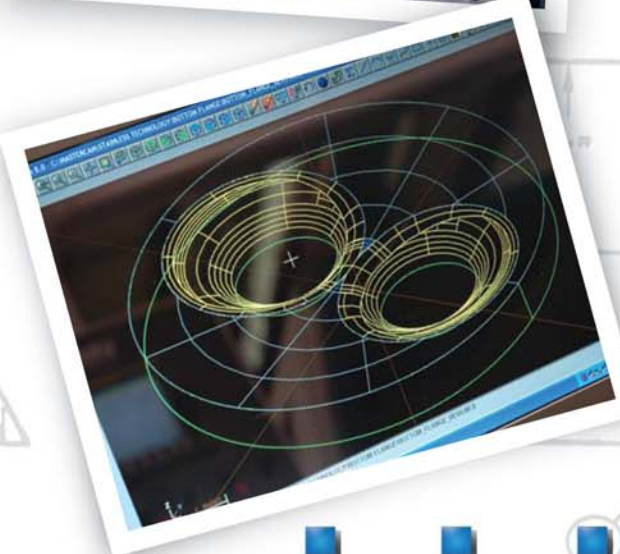
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Email: [sales@hollowayamerica.com](mailto:sales@hollowayamerica.com)



## MANAGEMENT

**Pat McKee** / Engineering Manager

**Dave Simpson** / Accounting Manager

**Steve Potter** / Sales Manager

**Brent Richards** / Plant Manager

## SALES

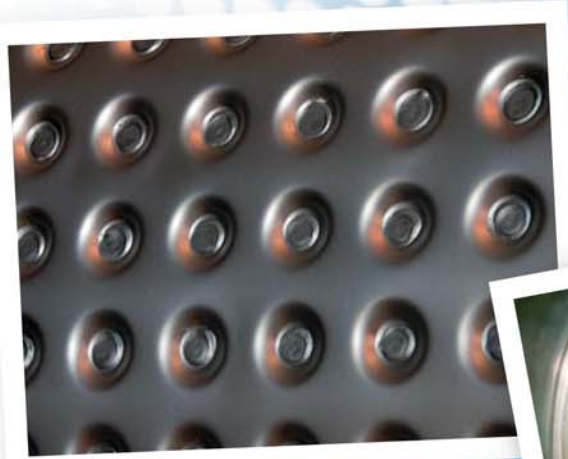
**Randy Colwell** / Project Management

**Johnny Murphy** / Project Management

**Mike Guynn** / Repair Specialist

**Chuck Klump, P.E.** / Engineer





*At Holloway America,  
we do it your way,  
for your benefit.*









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