

PALLETS & HEADERS

BESSER IS PRECAST
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In-House Foundry

- Gray iron CI 25 to CI 45 ASTM grade A 48; casting range: 75 – 10,000 lbs (34 - 4536 kg)
- Ductile iron ASTM grade A 536 ranging from 60-40-18 to 100-70-03 as cast or heat treated; casting range: 50 – 5,000 lbs (23 - 2268 kg)
- Slow-mold cooling and/or oven stress relieve castings

Besser offers pallet and headers for wet cast, dry cast and machine made pipe. We offer a complete diameter range from ID 12" – 144" (300 mm – 3600 mm) with round, arch and elliptical shapes. Our joint designs include O-ring, double O-ring, single and double offset, mortar and steel end ring.

QUALITY

Our in-house pattern shop and metal testing laboratory ensure ultimate product quality. Combined with our foundry, machine shop and experienced staff you can be confident that all steps are taken to produce the highest quality pallets and headers to match all standard and custom pipe joints.

We're proud to set the industry standard for quality iron. Our in-house metal testing laboratory ensures each product meets stringent specification. This attention to quality delivers cast rings that are durable, long-lasting and retain their tolerances and specifications for years and years when properly maintained.

TO ORDER:

Call: 515.432.3553
email: sales@besser.com

MACHINING EXPERTISE

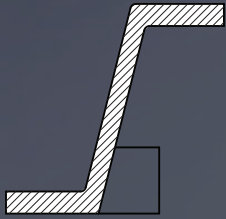
Our highly skilled machinists operate a full line of vertical milling machines up to 156" and three-axis CNC machining centers along with a fully-equipped pattern shop dedicated to maintaining our patterns to ensure a quality product.

Typical Pallet and Header Cross Sections

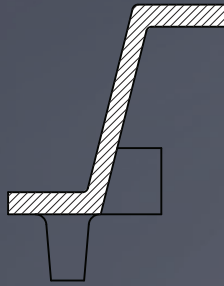
All available in Class 30, Class 40 and Ductile Iron

PALLETS

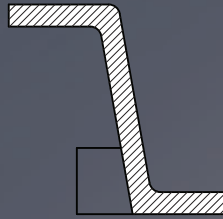
HEADERS



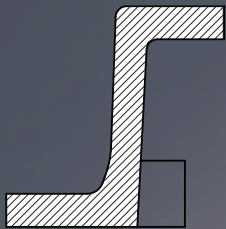
Groove Forming
Plain Pallet
Mortar Joint



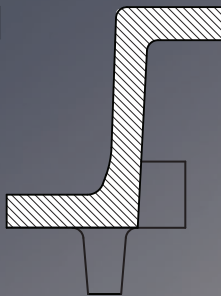
Groove Forming
Pallet with Legs
Mortar Joint



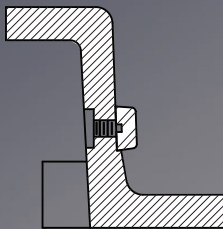
Tongue Forming
Plain Pallet
Mortar Joint



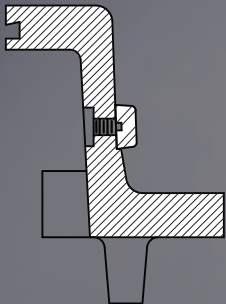
Groove Forming
Plain Pallet
7R Joint



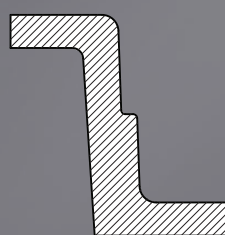
Groove Forming
Pallet with Legs
7R Joint



Tongue Forming
Plain Pallet
7R "O" Ring Joint



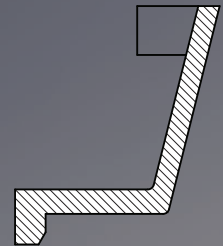
Tongue Forming
Pallet Sealed O.D.
7R "O" Ring Joint



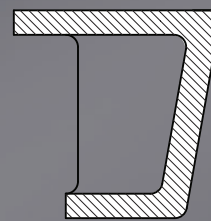
Tongue Forming
Plain Pallet
7R Single Offset Joint



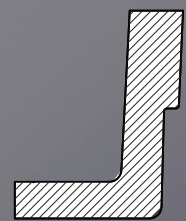
Open Top Tongue
Forming Header
Slip Fit Mortar Joint



Open Top Tongue
Forming Header w/
Bead Mortar Joint



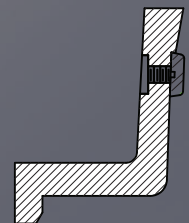
Open Top Tongue
Forming Header
Double Flange Slip
Fit Mortar Joint



Open Top Tongue
Forming Header
Slip Fit Single
Offset Joint



Open Top Tongue
Forming Header
w/ Bead Single
Offset Joint



Open Top Tongue
Forming Header
w/ Bead Single
"O" Ring Joint

You are not limited to these styles. We can design and produce virtually any shape or joint type, either drawing from our large inventory of existing patterns, or creating a completely style in our complete pattern shop.

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