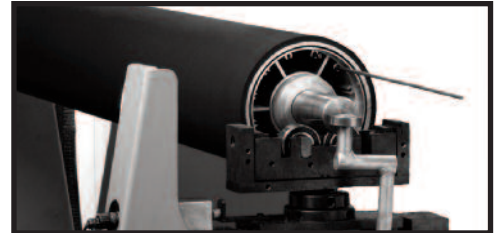
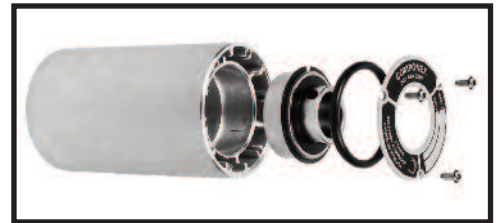




Aluminum idlers with WINertia AV™ tubing outperform spiral grooved rolls for increased traction and control.



Dynamic 3D Balancing, exclusively from Componex, drives weights to the center of the idler tube along built-in balancing lugs to keep your idlers running faster, smoother and cooler.



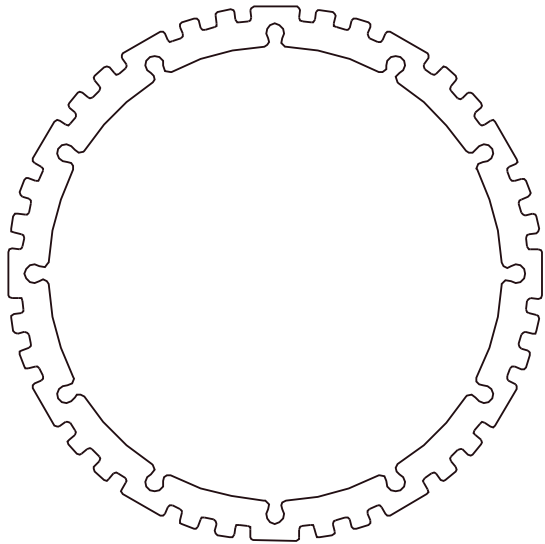
The patented WINock™ bore system extends the life of the bearings by reducing the risk of contaminants by shielding the free spin bearings from dirt.

WINertia AV™ rollers outperform spiral grooving, cork and rubberized tapes for maintaining traction. With total air removal, WINertia AV™ idlers operate at web speed, while rolls equipped with other technology run slower and cause slipping, inaccurate speed control, loss of registration and web damage. WINertia™ products run faster, smoother, cooler and with less whip, due to the lighter weight and a unique 3D balancing process. The design and streamlined manufacturing process delivers a premium product at a competitive cost.

When you need the ultimate in traction and control, choose WINertia AV™.

$$\text{deflection} = \frac{5 (\text{load}) (\text{idler width})^3}{384 (\text{modulus of Elasticity}) (\text{area moment of inertia})}$$



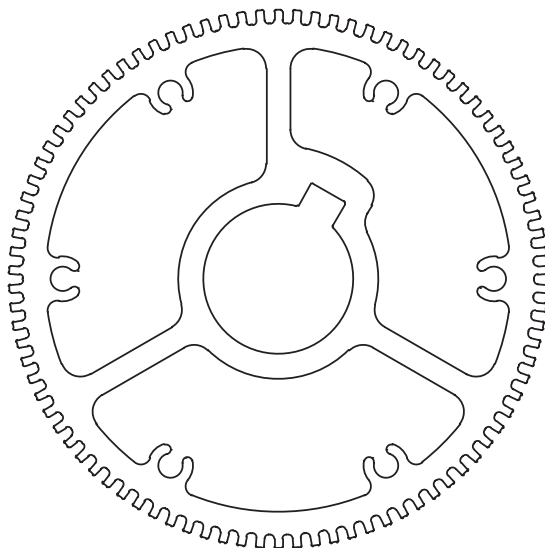


2.5 inch x 2 inch AV-36

Precision Specifications

- 2.360" Outside Diameter x .180" Outer Wall
- Land Width: .086"
- Groove Depth: .062"
- Alloy: 6005-T5 Aluminum
- Balancing Lug ID: 5/64" or .078"
- Bearing Bore: Machined to 2.0472" (Industry Standard)
- Bearing Sizes Available: .75", 1.0", 1.25" or 25mm
- Modulus of Elasticity: 10,000,000 lb/in²
- Area: .992 in²
- Weight: 1.17 lbs/ft
- Area Moment of Inertia: .587 in⁴

Specifications are based upon raw material. The weight and inertia of finished idlers will be reduced by machining. For idler specifications, go to our product pages at www.componex.net

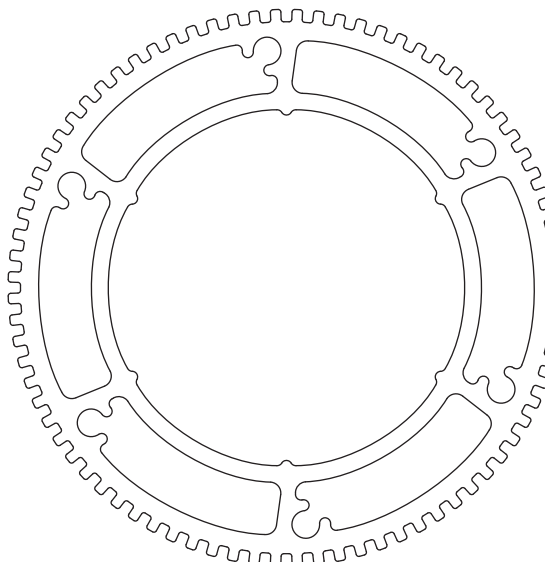


3 inch x 1 inch LS AV-90

Precision Specifications

- 3.4" Outside Diameter x .2325" Outer Wall
- .945" Inside Diameter x .1600" wall
- Land Width: 0.050"
- Groove Depth: 0.088"
- Alloy: 6005-T5 Aluminum
- Balancing Lug ID: 0.156"
- .25" Extruded Keyway
- Bearing Sizes Available: N/A
- Modulus of Elasticity: 10,000,000 lb/in²
- Area: 3.089 in²
- Weight: 3.707 lbs/ft
- Area Moment of Inertia: 2.81 in⁴

Specifications are based upon raw material. The weight and inertia of finished idlers will be reduced by machining. For idler specifications, go to our product pages at www.componex.net

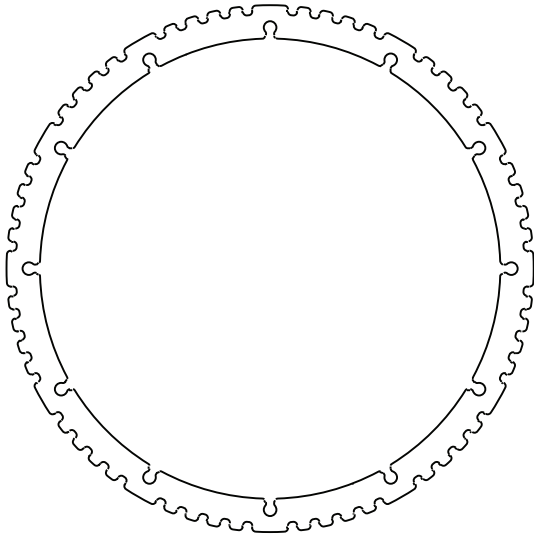


3 inch x 2 inch AV-80

Precision Specifications

- 3.140" Outside Diameter x .345" Outer Wall
- 2.010" Inside Diameter x .190" Inner Wall
- Land Width: .100"
- Groove Width: .050"
- Groove Depth: .040" before machining
- Alloy: 6005-T5 Aluminum
- Balancing Lug ID: 5/32" or .156"
- Bearing Bore: Machined to 2.0472" (Industry Standard)
- Bearing Sizes Available: .75", 1.0", 1.25" or 25mm
- Modulus of Elasticity: 10,000,000 lb/in²
- Area: 2.13 in²
- Weight: 2.51 lbs/ft
- Area Moment of Inertia: 1.90 in⁴

Specifications are based upon raw material. The weight and inertia of finished idlers will be reduced by machining. For idler specifications, go to our product pages at www.componex.net

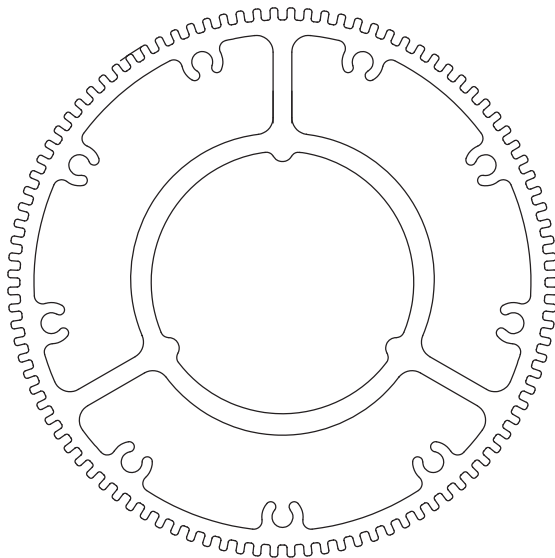


3.5 inch x 3 inch AV-60

Precision Specifications

- 3.550" Outside Diameter x .225" Outer Wall
- Land Width: .080"
- Groove Width: .080"
- Groove Depth: .050"
- Alloy: 6005-T5 Aluminum
- Balancing Lug ID: 5/64" or .078"
- Bearing Bore: Machined to 3.1496" (Industry Standard)
- Bearing Sizes Available: 1-1/2", 2", or 40mm
- Modulus of Elasticity: 10,000,000 lb/in²
- Area: 2.03 in²
- Weight: 2.40 lbs/ft
- Area Moment of Inertia: 2.80 in⁴

Specifications are based upon raw material. The weight and inertia of finished idlers will be reduced by machining. For idler specifications, go to our product pages at www.componex.net.

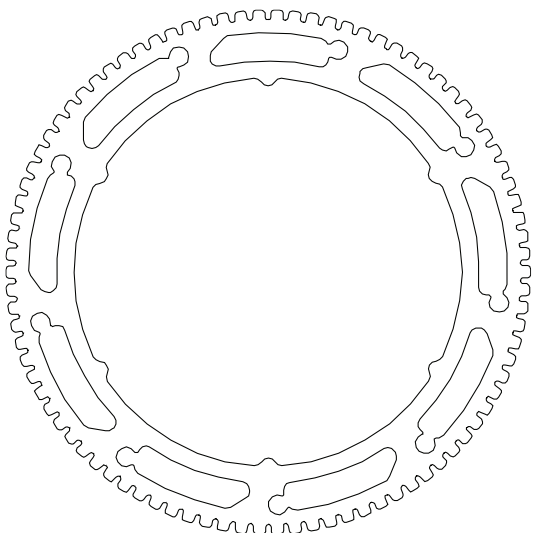


4 inch x 2 inch AV100

Precision Specifications

- 4.1" Outside Diameter x .230" Outer Wall
- 1.960" Inside Diameter x .140" Inner Wall
- Alloy: 6005-T5 Aluminum
- Balancing Lug ID: 5/32" or .156"
- Bearing Bore: Machined to 2.046" (Industry Standard)
- Bearing Sizes Available: 3/4", 25mm, 1", or 1-1/4"
- Modulus of Elasticity: 10,000,000 lb/in²
- Area: 3.52 in²
- Weight: 4.16 lbs/ft
- Area Moment of Inertia: 4.88 in⁴

Specifications are based upon raw material. The weight and inertia of finished idlers will be reduced by machining. For idler specifications, go to our product pages at www.componex.net.

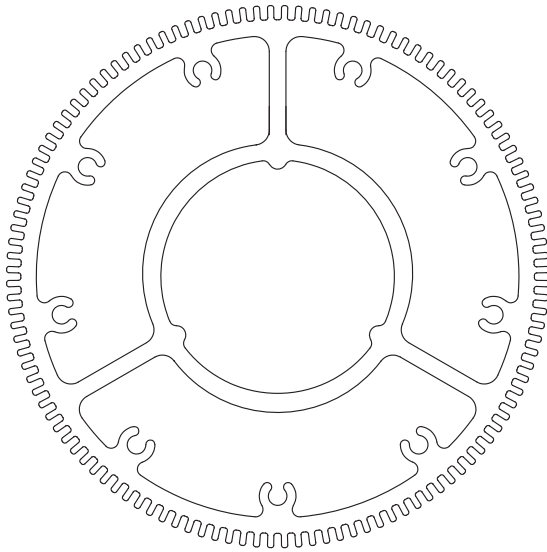


4 inch x 3 inch AV-90

Precision Specifications

- 4.150" Outside Diameter x .175" Outer Wall
- 3.070" Inside Diameter x .140" Inner Wall
- Land Width: .100"
- Groove Width: .050"
- Groove Depth .060" before machining
- Alloy: 6005-T5 Aluminum
- Balancing Lug ID: 5/32" or .156"
- Bearing Bore: Machined to 3.1496" (Industry Standard)
- Bearing Sizes Available: 1-1/2", 2", or 40mm
- Modulus of Elasticity: 10,000,000 lb/in²
- Area: 3.83 in²
- Weight: 4.52 lbs/ft
- Area Moment of Inertia: 6.35 in⁴

Specifications are based upon raw material. The weight and inertia of finished idlers will be reduced by machining. For idler specifications, go to our product pages at www.componex.net.

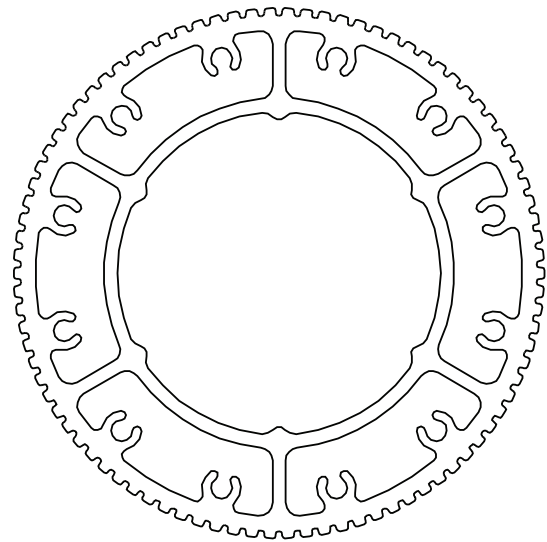


4.5 inch x 2 inch AV-120

Precision Specifications

- 4.550" Outside Diameter x .260" Outer Wall
- 1.960" Inside Diameter x .140" Inner Wall
- Alloy: 6005-T5 Aluminum
- Balancing Lug ID: 5/32" or .156"
- Bearing Bore: Machined to 2.046" (Industry Standard)
- Bearing Sizes Available: 3/4", 25mm, 1", or 1-1/4"
- Modulus of Elasticity: 10,000,000 lb/in²
- Area: 4.43 in²
- Weight: 5.22 lbs/ft
- Area Moment of Inertia: 7.62 in⁴

Specifications are based upon raw material. The weight and inertia of finished idlers will be reduced by machining. For idler specifications, go to our product pages at www.componex.net.

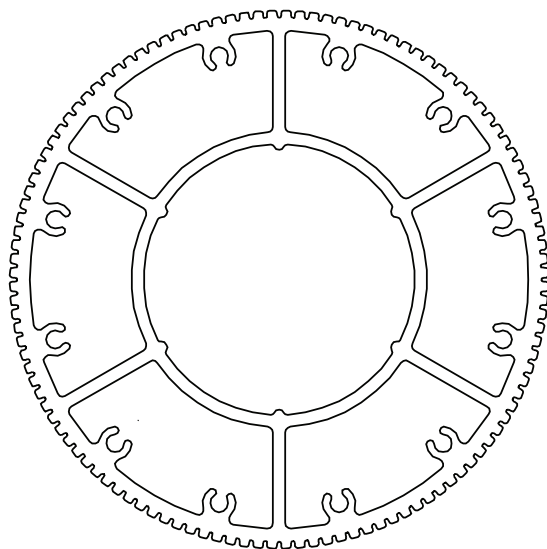


5 inch x 3 inch AV-90

Precision Specifications

- 5.070" Outside Diameter x .210" Outer Wall
- 3.090" Inside Diameter x .130" Inner Wall
- Land Width: .100"
- Groove Width: .080"
- Groove Depth: .060"
- Alloy: 6005-T5 Aluminum
- Balancing Lug ID: 13/64" or .204"
- Bearing Bore: Machined to 3.1496" (Industry Standard)
- Bearing Sizes Available: 1-1/2", 2", or 40mm
- Modulus of Elasticity: 10,000,000 lb/in²
- Area: 5.66 in²
- Weight: 6.68 lbs/ft
- Area Moment of Inertia: 13.34 in⁴

Specifications are based upon raw material. The weight and inertia of finished idlers will be reduced by machining. For idler specifications, go to our product pages at www.componex.net.

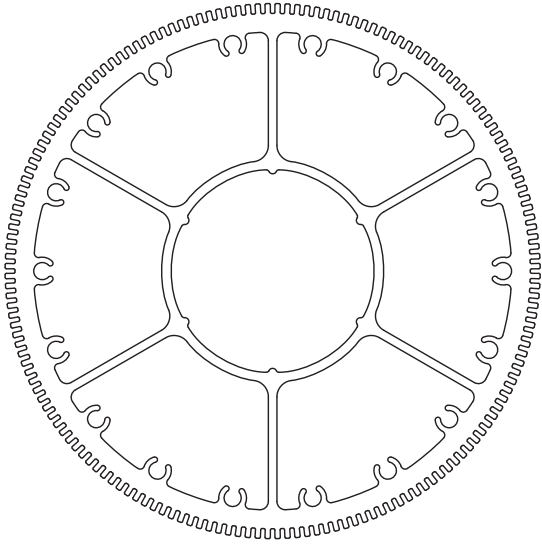


6 inch x 3 inch AV-120

Precision Specifications

- 6.100" Outside Diameter x .225" Outer Wall
- 3.070" Inside Diameter x .140" Inner Wall
- Land Width: .100"
- Groove Width: .050"
- Groove Depth: .070" before machining
- Alloy: 6005-T5 Aluminum
- Balancing Lug ID: 13/64" or .204"
- Bearing Bore: Machined to 3.1496" (Industry Standard)
- Bearing Sizes Available: 1-1/2", 2", or 40mm
- Modulus of Elasticity: 10,000,000 lb/in²
- Area: 7.00 in²
- Weight: 8.32 lbs/ft
- Area Moment of Inertia: 23.60 in⁴

Specifications are based upon raw material. The weight and inertia of finished idlers will be reduced by machining. For idler specifications, go to our product pages at www.componex.net.

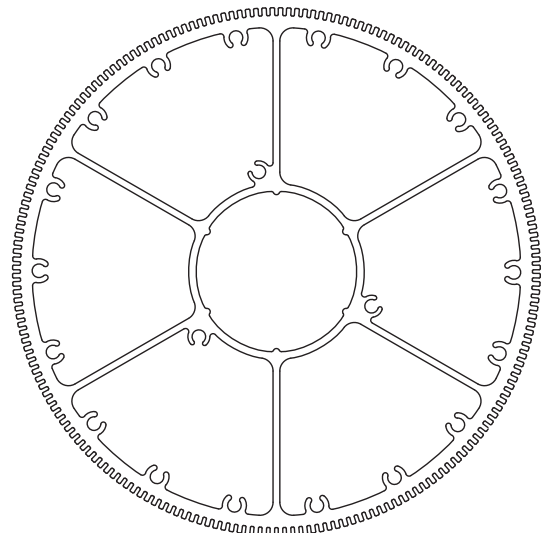


8 inch x 3 inch AV-168

Precision Specifications

- 8.100" Outside Diameter x .433" Outer Wall
- Land Width: .080"
- Groove Width: .069"
- Groove Depth: .150"
- Alloy: 6005-T5 Aluminum
- Balancing Lug ID: 13/50" or .260"
- Bearing Bore: Machined to 3.1496" (Industry Standard)
- Bearing Sizes Available: 1-1/2", 2", or 40mm
- Modulus of Elasticity: 10,000,000 lb/in²
- Area: 15.18 in²
- Weight: 9.92 lbs/ft
- Area Moment of Inertia: 77.14 in⁴

Specifications are based upon raw material. The weight and inertia of finished idlers will be reduced by machining. For idler specifications, go to our product pages at www.componex.net



10 inch x 3 inch AV-200

Precision Specifications

- 10.00" Outside Diameter x .187" Outer Wall
- Land Width: .088"
- Groove Width: .069"
- Groove Depth: .150"
- Alloy: 6005-T5 Aluminum
- Balancing Lug ID: 13/50" or .255"
- Bearing Bore: Machined to 3.1496" (Industry Standard)
- Bearing Sizes Available: 1-1/2", 2", or 40mm
- Modulus of Elasticity: 10,000,000 lb/in²
- Area: 14.27 in²
- Weight: 10.12 lbs/ft
- Area Moment of Inertia: 77.52 in⁴

Specifications are based upon raw material. The weight and inertia of finished idlers will be reduced by machining. For idler specifications, go to our product pages at www.componex.net