Standard Roller

Drawing Based on Inside Frame Dimension

IF = ________________________ Inside Frame Width
OA = ________________________ Overall Roller Length (bearing hub to bearing hub)
SL = ________________________ Shaft Length Overall

Tube Diameter / Wall Thickness / Material: __________________________________________
Shaft Size / Configuration / Material: __________________________________________
Bearing - Commercial / ABEC-1 (Precision): ______________________________________

Company: ____________________________________________________________
Contact: ______________________________________________________________
Phone: ________________________________________________________________
Fax: _________________________________________________________________
Signature: _____________________________________________________________ Date: ____________
Standard Roller

Drawing Based on Overall Roller Length

OA = ____________________________ Overall Roller Length (bearing hub to bearing hub)
SL = ____________________________ Shaft Length Overall
Tube Diameter / Wall Thickness / Material: ______________________________
Shaft Size / Configuration / Material: ______________________________
Bearing - Commercial / ABEC-1 (Precision): ______________________________

Company: ______________________________
Contact: ______________________________
Phone: ______________________________
Fax: ______________________________
Signature: ______________________________ Date: __________________
Single Groove Roller

Drawing Based on Inside Frame Dimension

\[ \text{IF} = \text{Inside Frame Width} \]
\[ \text{OA} = \text{Overall Roller Length (bearing hub to bearing hub)} \]
\[ \text{SL} = \text{Shaft Length Overall} \]
\[ \text{CL1} = \text{Frame to Center of Groove} \]

Tube Diameter / Wall Thickness / Material: 
Shaft Size / Configuration / Material: 
Groove Root Diameter / Belt Diameter: 
Bearing - Commercial / ABEC-1 (Precision): 

Company: 
Contact: 
Phone: 
Fax: 
Signature: Date: 
Single Groove Roller

Drawing Based on Overall Roller Length

OA = __________________________ Overall Roller Length (bearing hub to bearing hub)
SL = __________________________ Shaft Length Overall
CL1 = __________________________ OA to Center of Groove

Tube Diameter / Wall Thickness / Material: ______________________________
Shaft Size / Configuration / Material: ______________________________
Groove Root Diameter / Belt Diameter: ______________________________
Bearing - Commercial / ABEC-1 (Precision): ______________________________

Company: ______________________________
Contact: ______________________________
Phone: ______________________________
Fax: ______________________________
Signature: ______________________________ Date: ______________
Double Groove Roller

Drawing Based on Inside Frame Dimension

IF = ___________________________ Inside Frame Width
OA = __________________________ Overall Roller Length (bearing hub to bearing hub)
SL = __________________________ Shaft Length Overall
CL1 = __________________________ Frame to Center of 1st Groove
CL2 = __________________________ Center of 1st Groove to Center of 2nd Groove

Tube Diameter / Wall Thickness / Material: _______________________________________
Shaft Size / Configuration / Material: _____________________________________________
Groove Root Diameter / Belt Diameter: ____________________________________________
Bearing - Commercial / ABEC-1 (Precision): ______________________________________

Company: __________________________________________________________
Contact: ________________________________________________________________
Phone: _________________________________________________________________
Fax: __________________________________________________________________
Signature: __________________________________________________________________ Date: __________
Double Groove Roller

Drawing Based on Overall Roller Length

OA = __________________________ Overall Roller Length (bearing hub to bearing hub)
SL = __________________________ Shaft Length Overall
CL1 = __________________________ OA to Center of 1st Groove Distance
CL2 = __________________________ Center of 1st Groove to Center of 2nd Groove

Tube Diameter / Wall Thickness / Material: ________________________________
Shaft Size / Configuration / Material: ________________________________
Groove Root Diameter / Belt Diameter: ________________________________
Bearing - Commercial / ABEC-1 (Precision): ________________________________

Company: ________________________________
Contact: ________________________________
Phone: ________________________________
Fax: ________________________________
Signature: ___________________________ Date: ____________
Double Groove Roller - Opposite Ends

Drawing Based on Inside Frame Dimension

IF = ________________ Inside Frame Width
OA = ________________ Overall Roller Length (bearing hub to bearing hub)
SL = ________________ Shaft Length Overall
CL1 = ________________ Frame to Center of 1st Groove
CL2 = ________________ Frame to Center of 2nd Groove

Tube Diameter / Wall Thickness / Material: ________________________________
Shaft Size / Configuration / Material: ________________________________
Groove Root Diameter / Belt Diameter: ________________________________
Bearing - Commercial / ABEC-1 (Precision): ________________________________

Company: ________________________________
Contact: ________________________________
Phone: ________________________________
Fax: ________________________________
Signature: ________________________________ Date: ____________________
Double Groove Roller - Opposite Ends

Drawing Based on Overall Roller Length

OA = Overall Roller Length (bearing hub to bearing hub)
SL = Shaft Length Overall
CL1 = OA to Center of 1st Groove
CL2 = OA to Center of 2nd Groove

Tube Diameter / Wall Thickness / Material: ________________________________
Shaft Size / Configuration / Material: ________________________________
Groove Root Diameter / Belt Diameter: ________________________________
Bearing - Commercial / ABEC-1 (Precision): ________________________________

Company: ________________________________
Contact: ________________________________
Phone: ________________________________
Fax: ________________________________
Signature: ________________________________ Date: ____________________
Engineering Drawings

Triple Groove Roller

Drawing Based on Inside Frame Dimension

IF = _______________ Inside Frame Width
OA = _______________ Overall Roller Length (bearing hub to bearing hub)
SL = _______________ Shaft Length Overall
CL1 = _______________ Frame to Center of 1st Groove
CL2 = _______________ Center of 1st Groove to Center of 2nd Groove
CL3 = _______________ Frame to Center of 3rd Groove

Tube Diameter / Wall Thickness / Material: ________________________________
Shaft Size / Configuration / Material: ________________________________
Groove Root Diameter / Belt Diameter: ________________________________
Bearing - Commercial / ABEC-1 (Precision): ________________________________

Company: ________________________________
Contact: ________________________________
Phone: ________________________________
Fax: ________________________________
Signature: ________________________________ Date: ________________
Triple Groove Roller

Drawing Based on Overall Roller Length

OA = ______________ Overall Roller Length (bearing hub to bearing hub)
SL = ______________ Shaft Length Overall
CL1 = ______________ OA to Center of 1st Groove
CL2 = ______________ Center of 1st Groove to Center of 2nd Groove
CL3 = ______________ OA to Center of 3rd Groove

Tube Diameter / Wall Thickness / Material: ________________________________
Shaft Size / Configuration / Material: ________________________________
Groove Root Diameter / Belt Diameter: ________________________________
Bearing - Commercial / ABEC-1 (Precision): ________________________________

Company: ________________________________
Contact: ________________________________
Phone: ________________________________
Fax: ________________________________
Signature: ________________________________ Date: ______________
Quad Groove Roller

Drawing Based on Inside Frame Dimension

IF = __________________________ Inside Frame Width
OA = __________________________ Overall Roller Length (bearing hub to bearing hub)
SL = __________________________ Shaft Length Overall
CL1 = __________________________ Frame to Center of 1st Groove
CL2 = __________________________ Center of 1st Groove to Center of 2nd Groove
CL3 = __________________________ Frame to Center of 3rd Groove
CL4 = __________________________ Center of 3rd Groove to Center of 4th Groove

Tube Diameter / Wall Thickness / Material: __________________________
Shaft Size / Configuration / Material: __________________________
Groove Root Diameter / Belt Diameter: __________________________
Bearing - Commercial / ABEC-1 (Precision): __________________________

Company: __________________________
Contact: __________________________
Phone: __________________________
Fax: __________________________
Signature: _________________________ Date: ______________
Quad Groove Roller

Drawing Based on Overall Roller Length

OA = __________________________ Overall Roller Length (bearing hub to bearing hub)
SL = __________________________ Shaft Length Overall
CL1 = __________________________ OA to Center of 1st Groove
CL2 = __________________________ Center of 1st Groove to Center of 2nd Groove
CL3 = __________________________ OA to Center of 3rd Groove
CL4 = __________________________ Center of 3rd Groove to Center of 4th Groove

Tube Diameter / Wall Thickness / Material: __________________________
Shaft Size / Configuration / Material: __________________________
Groove Root Diameter / Belt Diameter: __________________________
Bearing - Commercial / ABEC-1 (Precision): __________________________

Company: __________________________
Contact: __________________________
Phone: __________________________
Fax: __________________________
Signature: __________________________ Date: __________________________
Single Sprocket Roller (Metal Only)

Drawing Based on Inside Frame Dimension

IF  = __________________________ Inside Frame Width
OA  = __________________________ Overall Roller Length (bearing hub to bearing hub)
SL  = __________________________ Shaft Length Overall
CL1 = __________________________ Frame to Center of Sprocket

Tube Diameter / Wall Thickness / Material: ________________________________
Shaft Size / Configuration / Material: ________________________________
Sprocket - Chain Size / # of Teeth: ________________________________
Bearing - Commercial / ABEC-1 (Precision): ________________________________

Company: ________________________________
Contact: ________________________________
Phone: ________________________________
Fax: ________________________________
Signature: ________________________________ Date: __________
Single Sprocket Roller (Metal Only)

Drawing Based on Overall Roller Length

OA = __________________________ Overall Roller Length (bearing hub to bearing hub)
SL = __________________________ Shaft Length Overall
CL1 = __________________________ OA to Center of Sprocket

Tube Diameter / Wall Thickness / Material: ________________________________
Shaft Size / Configuration / Material: ________________________________
Sprocket - Chain Size / # of Teeth: ________________________________
Bearing - Commercial / ABEC-1 (Precision): ________________________________

Company: ________________________________
Contact: ________________________________
Phone: ________________________________
Fax: ________________________________
Signature: ________________________________ Date: ________________
Double Sprocket Roller (Metal Only)

Drawing Based on Inside Frame Dimension

IF = __________________________ Inside Frame Width
OA = __________________________ Overall Roller Length (bearing hub to bearing hub)
SL = __________________________ Shaft Length Overall
CL1 = __________________________ Frame to Center of 1st Sprocket
CL2 = __________________________ Center of 1st Sprocket to Center of 2nd Sprocket

Tube Diameter / Wall Thickness / Material: ________________________________
Shaft Size / Configuration / Material: ________________________________
Sprocket - Chain Size / # of Teeth: ________________________________
Bearing - Commercial / ABEC-1 (Precision): ________________________________

Company: ________________________________
Contact: ________________________________
Phone: ________________________________
Fax: ________________________________
Signature: ________________________________ Date: ________________
Double Sprocket Roller (Metal Only)

Drawing Based on Overall Roller Length

OA = _______________ Overall Roller Length (bearing hub to bearing hub)
SL  = _______________ Shaft Length Overall
CL1 = _______________ OA to Center of 1st Sprocket
CL2 = _______________ Center of 1st Sprocket to Center of 2nd Sprocket

Tube Diameter / Wall Thickness / Material: ________________________________
Shaft Size / Configuration / Material: ________________________________
Sprocket - Chain Size / # of Teeth: ________________________________
Bearing - Commercial / ABEC-1 (Precision): ________________________________

Company: ________________________________
Contact: ________________________________
Phone: ________________________________
Fax: ________________________________
Signature: ________________________________ Date: ____________________
Double Sprocket Roller - Opposite Ends (Metal Only)

Drawing Based on Inside Frame Dimension

IF = ___________________________ Inside Frame Width
OA = ___________________________ Overall Roller Length (bearing hub to bearing hub)
SL = ___________________________ Shaft Length Overall
CL1 = ___________________________ Frame to Center of 1st Sprocket
CL2 = ___________________________ Frame to Center of 2nd Sprocket

Tube Diameter / Wall Thickness / Material: __________________________
Shaft Size / Configuration / Material: __________________________
Sprocket - Chain Size / # of Teeth: __________________________
Bearing - Commercial / ABEC-1 (Precision): __________________________

Company: __________________________
Contact: __________________________
Phone: __________________________
Fax: __________________________
Signature: __________________________ Date: ____________
Double Sprocket Roller - Opposite Ends (Metal Only)

Drawing Based on Overall Roller Length

OA = ____________________________ Overall Roller Length (bearing hub to bearing hub)
SL = ____________________________ Shaft Length Overall
CL1 = ____________________________ OA to Center of 1st Sprocket
CL2 = ____________________________ OA to Center of 2nd Sprocket

Tube Diameter / Wall Thickness / Material: __________________________________________
Shaft Size / Configuration / Material: ______________________________________________
Sprocket - Chain Size / # of Teeth: _________________________________________________
Bearing - Commercial / ABEC-1 (Precision): _________________________________________

Company: _______________________________________________________________________
Contact: _______________________________________________________________________
Phone: _______________________________________________________________________
Fax: __________________________________________________________________________
Signature: ___________________________ Date: ___________________
Blind Hole Idler Roller With Hardware

Drawing Based on Inside Frame Dimension

IF = ________________ Inside Frame Width = OA + 3/8" for hardware and clearance
* Allow 1/2" for 5/8" hardware and clearance

OA = ________________ Overall Roller Length (bushing face to bushing face)

Bore Diameter of Bushing: ________________________________

Tube Diameter / Wall Thickness / Material: ________________________________

Company: ________________________________

Contact: ________________________________

Phone: ________________________________

Fax: ________________________________

Signature: ________________________________ Date: ________________
Through Hole Idler Roller With Hardware

Drawing Based on Overall Roller Length

OA = Overall Roller Length (bushing face to bushing face)

Bore Diameter of Bushing: 

Tube Diameter / Wall Thickness / Material: 

Company: 

Contact: 

Phone: 

Fax: 

Signature: Date: 

Plastic Flat Cap Roller

OA = ________________ Overall Roller Length (flat to flat)

Tube Diameter / Wall Thickness / Material: ________________________________

Note: End to End Distance is Fixed by the OA of the Roller.

Company: ____________________________

Contact: ____________________________

Phone: ______________________________

Fax: ________________________________

Signature: __________________________ Date: ______________
Custom Endplug

Note: Must indicate blind hole or through hole style bushing

A = ________________ Flange Diameter
B = ________________ Body Diameter
C = ________________ Bore Diameter
D = ________________ Body Length
E = ________________ Hub Thickness (1/8” Standard)
F = ________________ Flange Thickness (1/8” Standard)

Bushing Style: Blind Hole / Through Hole (circle one)

Note: Commercial Plastic Tubing May Require Boring For Proper Fit and Concentricity.