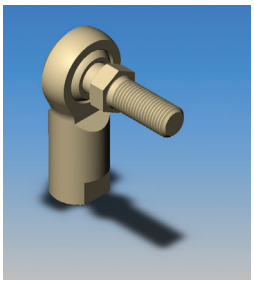
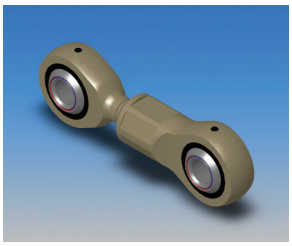
EM-T/EF-T

Commercial, 2-Piece, PTFE Lined





Rod Ends
Industrial/
Commercial

Suitable for many light to heavy duty industrial/mechanical motion transfer applications, the Cablecraft EM-T/EF-T Series offers our most economical 2-piece PTFE lined design. PTFE liner minimizes wear within the body's inner bearing surface, adding to reduced maintenance and increasing rod end life — self-lubricating and moisture resistant, as well. Ball and body materials are produced from economical low carbon steel. Ball is case hardened and electroless nickel plated for extended wear resistance (even greater wear protection when compared to zinc plated options). It can be operated in a wide range of temperatures. Studded and right or left-handed thread versions are available.

The EM-T/EF-T Series is just one of many within our broad line of industrial/commercial rod ends. For full product line detail, contact us for a comprehensive catalog or visit www.cablecraft.com and download individual product data sheets and other product information.

Description:

EM-T/EF-T
Industrial/Commercial Rod Ends
2-Piece, PTFE Lined

Applications:

Numerous mechanical motion transfer devices/applications, including:

- Construction equipment
- Lawn and garden
- Truck/bus

Features:

- PTFE lined design minimizes wear between working surfaces (lower maintenance, increased life)
- Suited for higher axial loads where side loading strength is critical
- Can be used in a wide range of temperatures: -65°F — 250°F (-54°C — 121°C)
- Offered in studded and right or left-handed versions
- Special custom alloy construction available
- Custom assemblies can be built to your specifications
- Meets SAE spec J1120

Other Related Products:

- EM/EF Commercial, 2-Piece, Metal to Metal
- EM-M/EF-M Commercial, 2-Piece, Metric

Cablecraft®
Cablecraft Motion Controls

Linking Motion & Control... The Cablecraft Solution

EM-T/EF-T

Commercial, 2-Piece,
PTFE Lined

Material

Ball

- Low Carbon Steel
- Case Hardened
- Electroless Nickel Plated

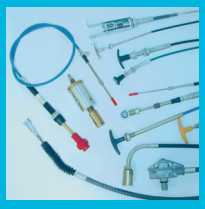
Body

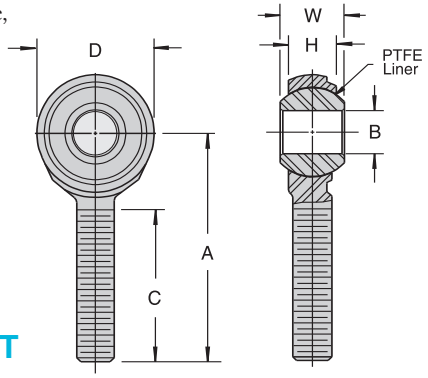
- Low Carbon Steel
- Zinc Plated, Yellow Dichromate Treatment

Liner

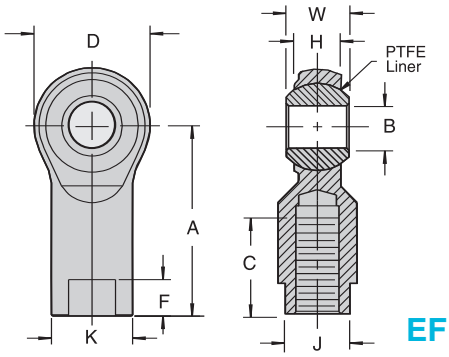
- PTFE, Bonded to body I.D.

Linking Motion & Control...
The Cablecraft Solution





EM-T



EF-T

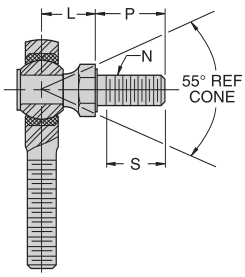
EM-T Chart

Part Number		B +.0020 -.0000	W ±.005	H REF	A ±.015	D ± .015	REF	C ± .060	UNF-2A	Ultimate Radial Static Load Capacity (Pounds)	Weight (Pounds)
Right Hand	Left Hand	Ball Bore	Ball Width	Housing Width	Centerline Length	Head Diameter	Ball Diameter	Thread Length	Thread Size		
EM4T	EML4T	.2500	.375	.281	1.562	.750	.516	1.000	1/4-28	2400	.042
EM5T	EML5T	.3125	.437	.344	1.875	.875	.625	1.250	5/16-24	3100	.071
EM6T	EML6T	.3750	.500	.406	1.937	1.000	.719	1.250	3/8-24	3800	.108
EM8T	EML8T	.5000	.625	.500	2.437	1.312	.938	1.500	1/2-20	7900	.237
EM10T	EML10T	.6250	.750	.562	2.625	1.500	1.125	1.625	5/8-18	8300	.365

EF-T Chart

Part Number		B +.0020 -.0000	W ±.005	H REF	A ±.015	D ± .015	K ± .015	J ± .015	F ± .030	REF	C ± .060	UNF-2B	Ultimate Radial Static Load Capacity (Pounds)	Weight (Pounds)
Right Hand	Left Hand	Ball Bore	Ball Width	Housing Width	Centerline Length	Head Diameter	Shank Diameter	Wrench Flat Width	Wrench Flat Length	Ball Diameter	Thread Length	Thread Size		
EF4T	EFL4T	.2500	.375	.281	1.312	.750	.469	.375	.250	.516	.687	1/4-28	2700	.059
EF5T	EFL5T	.3125	.437	.344	1.375	.875	.500	.437	.281	.625	.687	5/16-24	3900	.079
EF6T	EFL6T	.3750	.500	.406	1.625	1.000	.687	.562	.312	.719	.812	3/8-24	4600	.151
EF8T	EFL8T	.5000	.625	.500	2.125	1.312	.875	.750	.375	.938	1.187	1/2-20	8500	.320
EF10T	EFL10T	.6250	.750	.562	2.500	1.500	1.000	.875	.500	1.125	1.406	5/8-18	8900	.465

Chart Notes: 1. This series is also available in a studded configuration. Specify by adding "S" to suffix. Example: EM10TS



Studded Dimensions

Rod End Bore Size	L REF	P ± .030	S Min. Thread Length	N Thread Size UNF-2A
1/4″	.469	.563	.500	1/4-28
5/16″	.531	.688	.594	5/16-24
3/8″	.625	.875	.781	3/8-24
1/2″	.875	1.125	1.000	1/2-20
5/8″	1.000	1.125	1.000	5/8-18

WARNING!

Since the manufacturer is unable to determine all applications in which a part may be placed, it is the user's responsibility to determine the suitability of the part for its intended use. This is especially true where safety is a factor. Incorrect application or installation may result in property damage, bodily injury, or death. For technical assistance, call 260-749-5105.

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