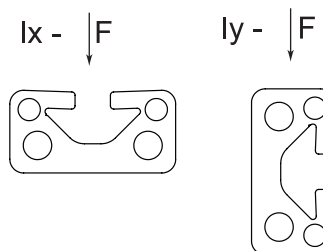
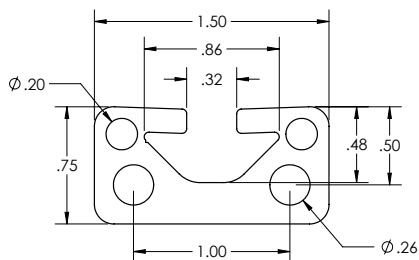


15 SERIES

TS 15-75

Clear Anodized - 650007



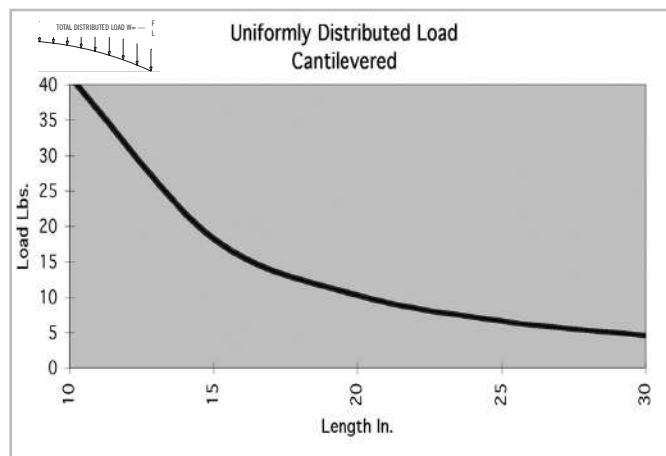
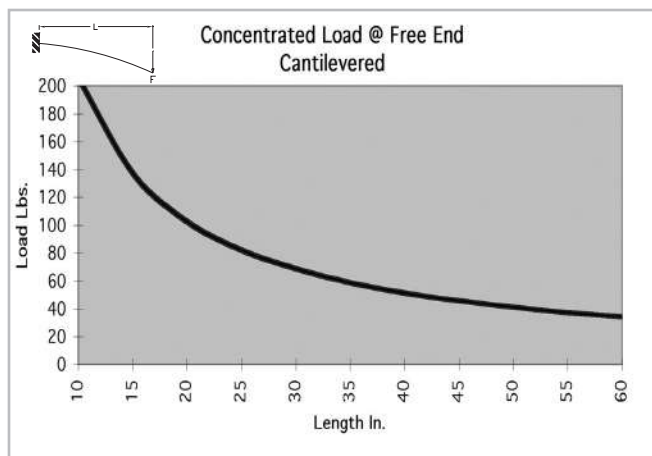
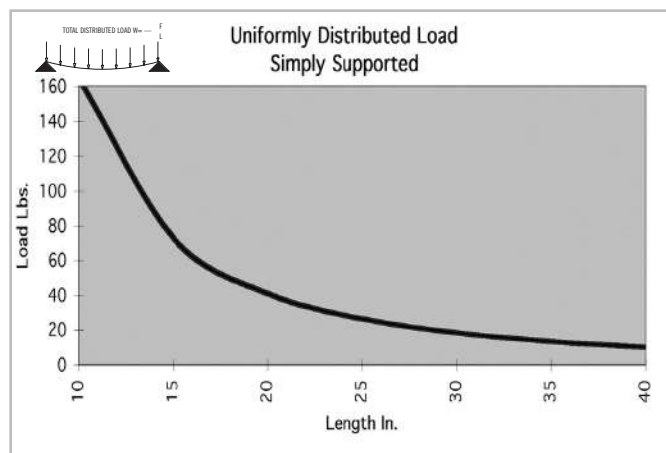
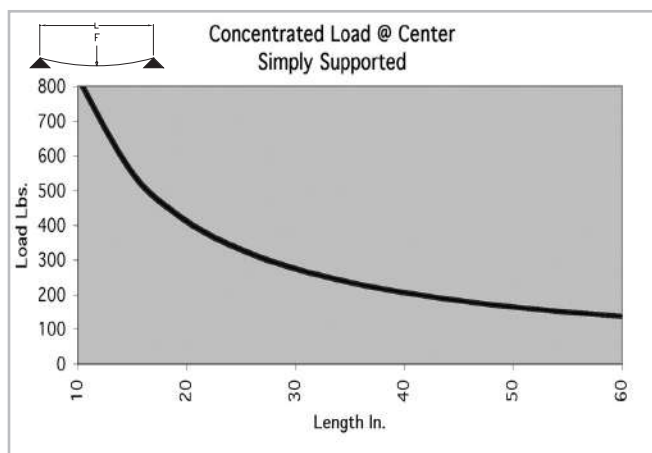
SPECIFICATIONS

Length	145"
Weight	0.833 lbs/ft (1.238 kg/m)
Estimated Area	0.694 in ² (4.476 cm ²)
Moment of Inertia	Ix=.037 in ⁴ (1.522 cm ⁴)
	Iy=.147 in ⁴ (6.114 cm ⁴)

MACHINE SERVICES

CTL	660003
Single Access Hole	660028
Single Anchor Fastener	660020
Tap 5/16 - 18 (Larger Holes)	660024
Tap M8 (Larger Holes)	660027
Tap 3/8 - 16 (Larger Holes)	660182
Tap 1/4-20 (Smaller Holes)	660025
Tap M6 (Smaller Holes)	660026

BEAM SELECTION BY LOAD AND LENGTH



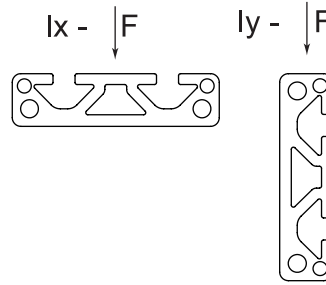
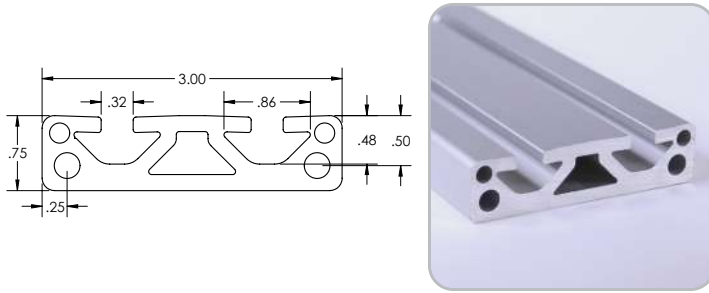
* Charts based on allowable loads related to yield strength with a margin of safety equal to five.

» For deflection equations see page 10

Fractional Extrusions

TS30-75

Clear Anodized - 650019



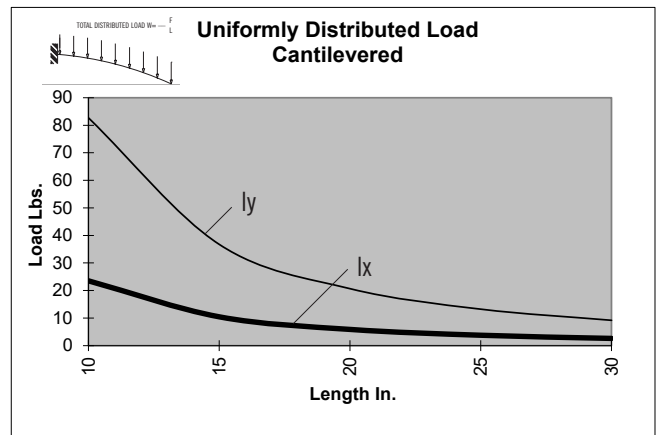
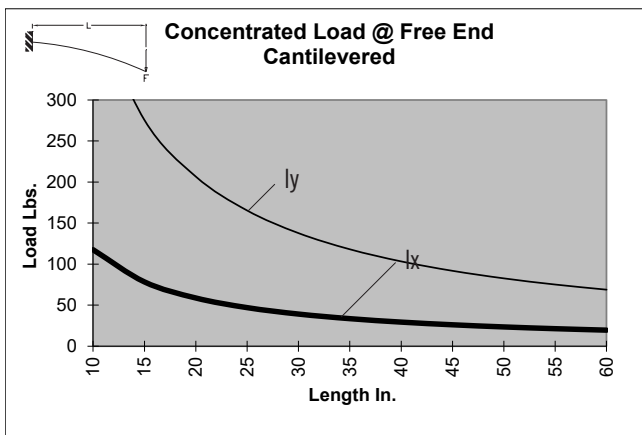
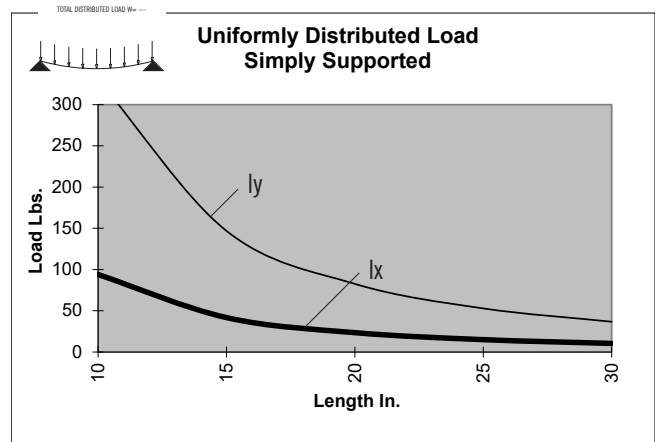
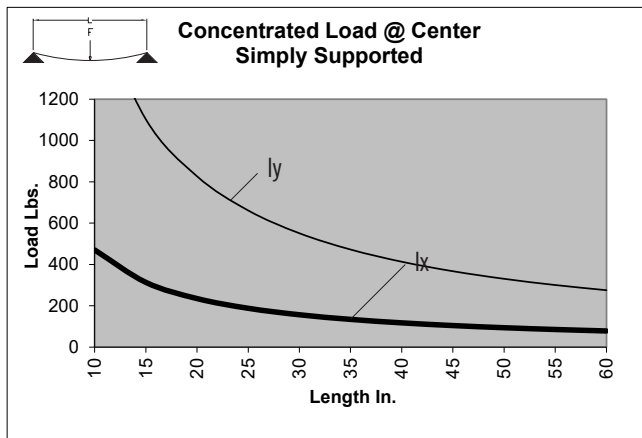
SPECIFICATIONS

Length	.....	145"
Weight	.....	1.547 lbs/ft (2.303 kg/m)
Estimated Area	.....	1.321 in ² (8.525 cm ²)
Moment of Inertia	.....	lx=.076 in ⁴ (3.175 cm ⁴) ly=1.069 in ⁴ (44.515 cm ⁴)

MACHINE SERVICES

CTL	.....	660003
Single Access Hole	.....	660028
Single Anchor Fastener	.....	660020
Tap 5/16 - 18 (Larger Holes)	.....	660024
Tap M8 (Larger Holes)	.....	660027
Tap 3/8 - 16 (Larger Holes)	.....	660182
Tap 1/4-20 (Smaller Holes)	.....	660025
Tap M6 (Smaller Holes)	.....	660026

BEAM SELECTION BY LOAD AND LENGTH



* Charts based on allowable loads related to yield strength with a margin of safety equal to five.

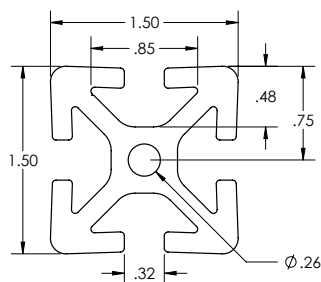
» For deflection equations see page 10

15 SERIES

TS15-15

Clear Anodized - **650005**

Black Anodized - **650105**



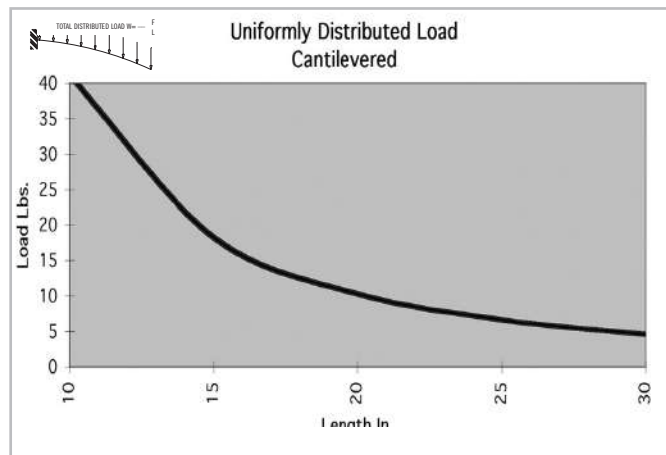
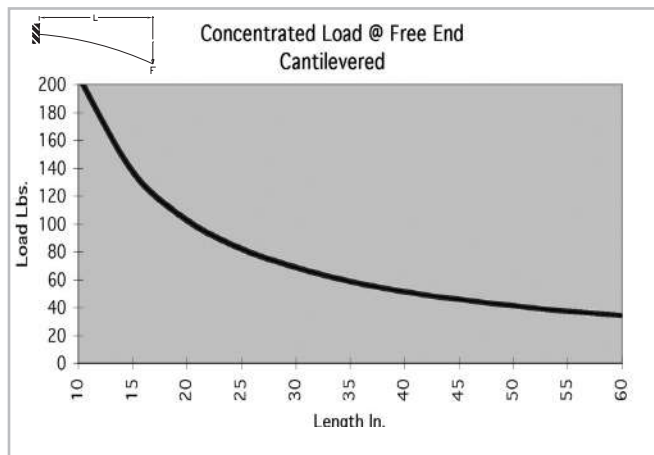
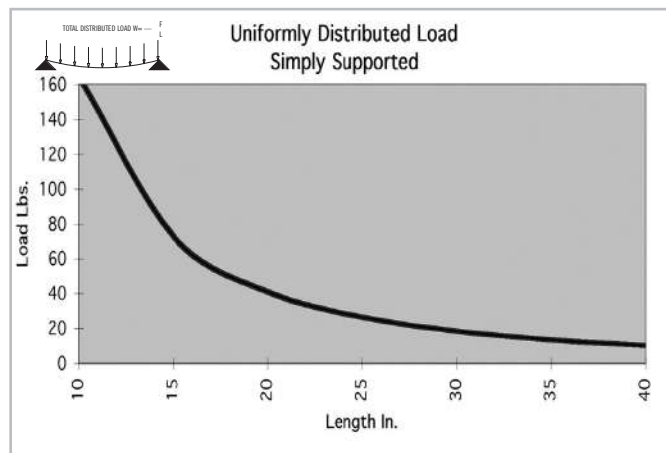
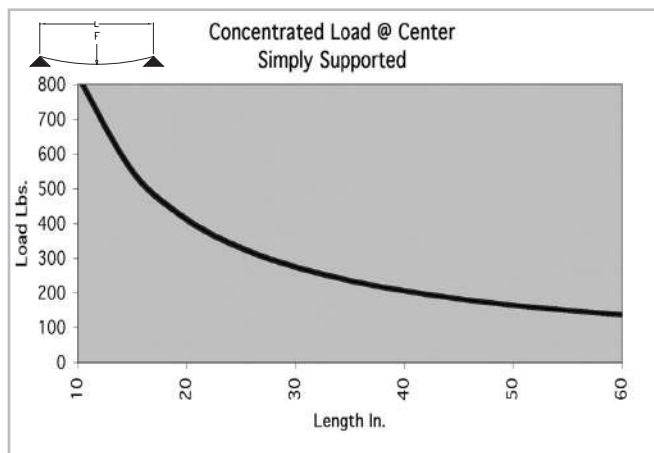
SPECIFICATIONS

Length	.....	.240"
Weight	.....	1.406 lbs/ft (2.092 kg/m)
Estimated Area	.....	1.198 in ² (7.729 cm ²)
Moment of Inertia	.....	lx=.266 in ⁴ (11.072 cm ⁴) ly=.266 in ⁴ (11.072 cm ⁴)

MACHINE SERVICES

CTL	.....	660003
Single Access Hole	.....	660028
Single Anchor Fastener	.....	660020
Tap 5/16 - 18	.....	660034
Tap M8	.....	660033
Tap 3/8 - 16	.....	660009

BEAM SELECTION BY LOAD AND LENGTH



* Charts based on allowable loads related to yield strength with a margin of safety equal to five.

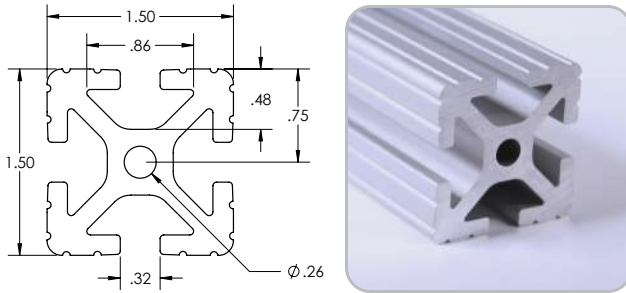
» For deflection equations see page 10

Fractional Extrusions

15 SERIES

TS15-15 GR

Clear Anodized - 650080



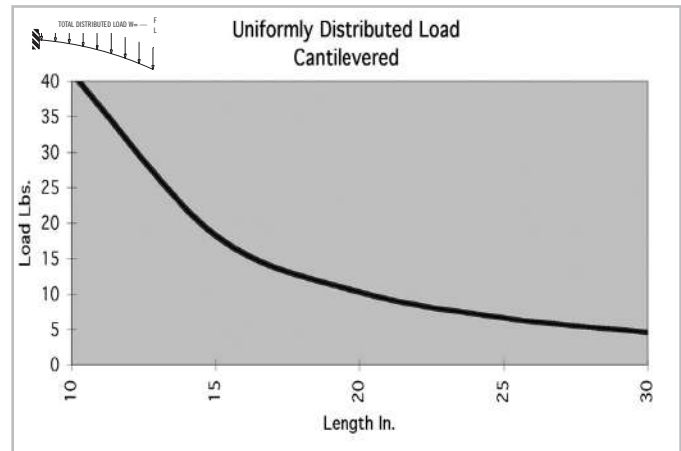
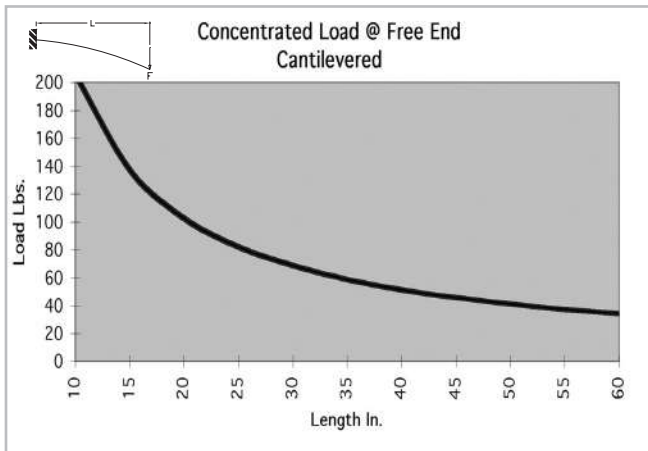
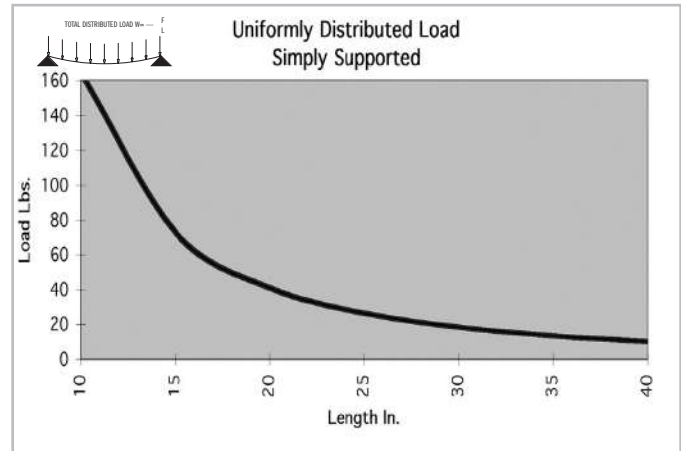
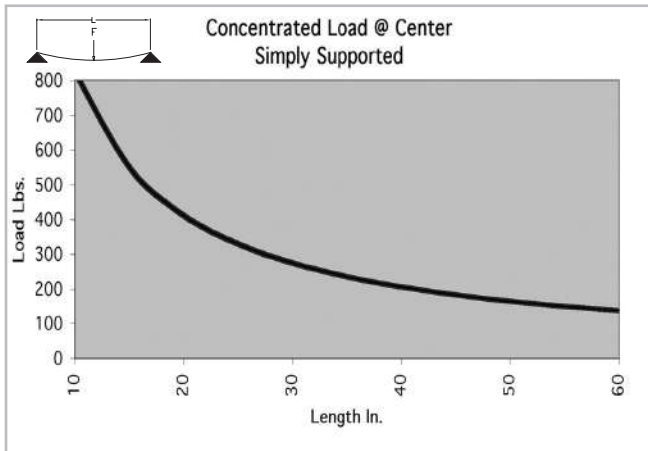
SPECIFICATIONS

Length	.....	240"
Weight	.....	1.338 lbs/ft (1.991 kg/m)
Estimated Area	.....	1.198 in ² (7.729 cm ²)
Moment of Inertia	.....	lx=.266 in ⁴ (11.072 cm ⁴)
	.....	ly=.266 in ⁴ (11.072 cm ⁴)

MACHINE SERVICES

CTL	.....	660003
Single Access Hole	.....	660028
Single Anchor Fastener	.....	660020
Tap 5/16 - 18	.....	660034
Tap M8	.....	660033
Tap 3/8 - 16	.....	660009

BEAM SELECTION BY LOAD AND LENGTH



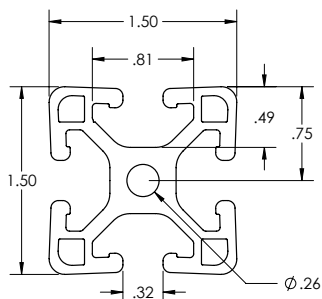
* Charts based on allowable loads related to yield strength with a margin of safety equal to five.

» For deflection equations see page 10

15 SERIES

TS15-15L

Clear Anodized - **650006**
 Black Anodized - **650106**



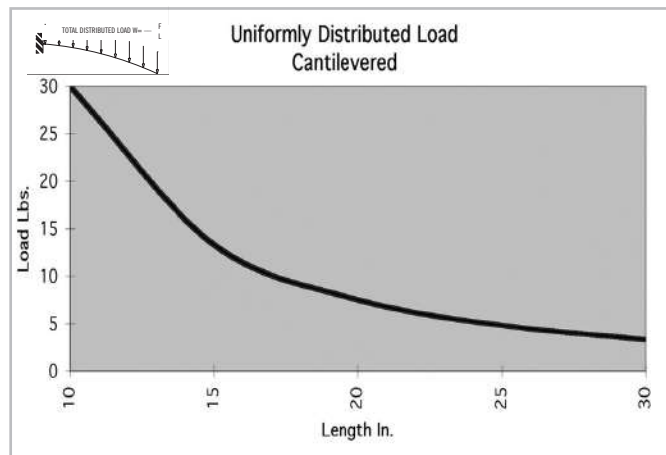
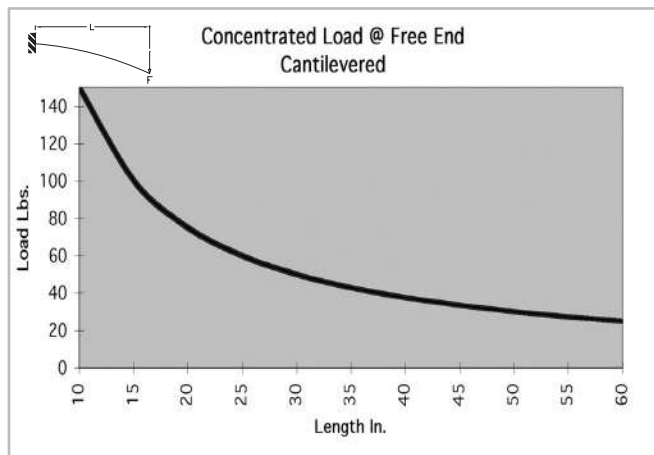
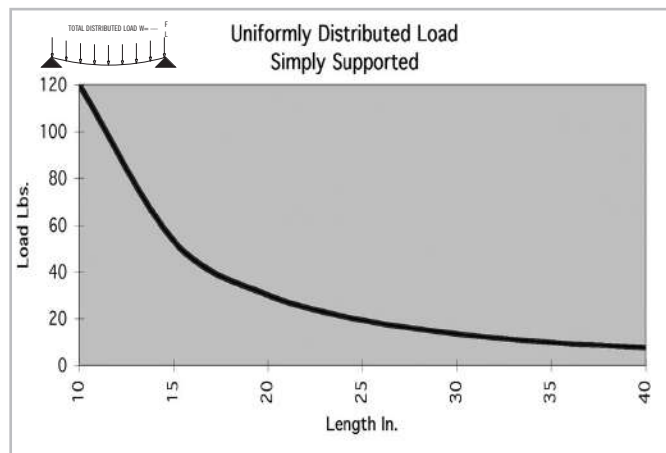
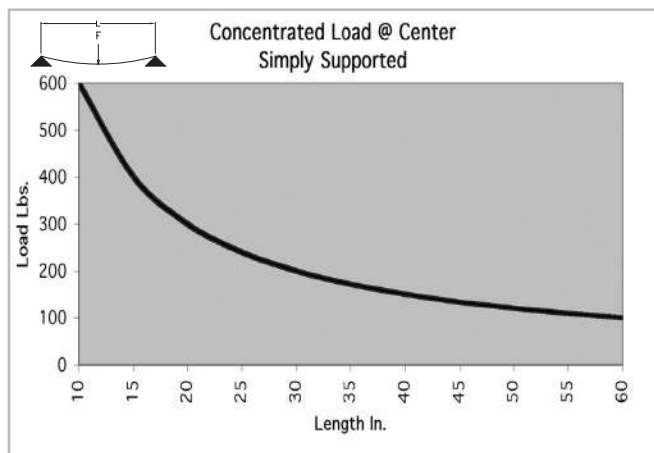
SPECIFICATIONS

Length	.....	.240"
Weight	.....	1.093 lbs/ft (1.627 kg/m)
Estimated Area	.....	0.925 in ² (5.968 cm ²)
Moment of Inertia	.....	$I_x = .194$ in ⁴ (8.075 cm ⁴) $I_y = .194$ in ⁴ (8.075 cm ⁴)

MACHINE SERVICES

CTL	.....	660003
Single Access Hole	.....	660028
Single Anchor Fastener	.....	660020
Tap 5/16 -18	.....	660034
Tap M8	.....	660033
Tap 3/8 - 16	.....	660009

BEAM SELECTION BY LOAD AND LENGTH



* Charts based on allowable loads related to yield strength with a margin of safety equal to five.

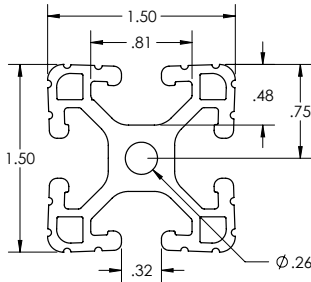
» For deflection equations see page 10

Fractional Extrusions

15 SERIES

Clear Anodized - **650048**
 Black Anodized - **650148**
 Yellow Powder Coat - **650248**

TS15-15L GR



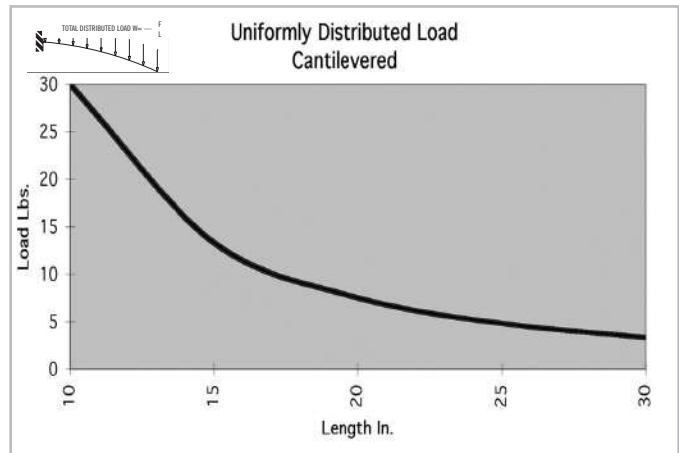
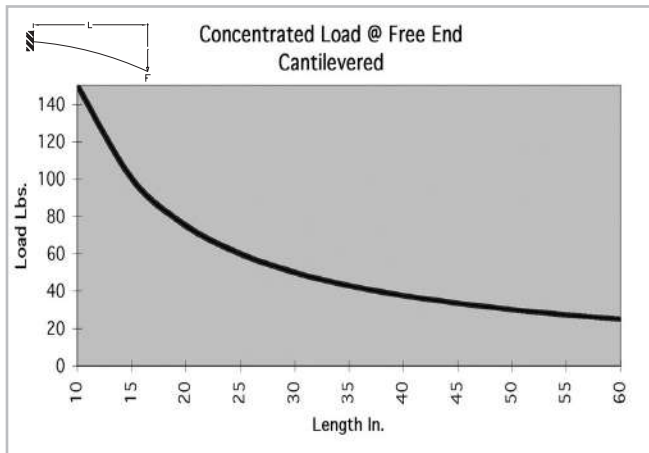
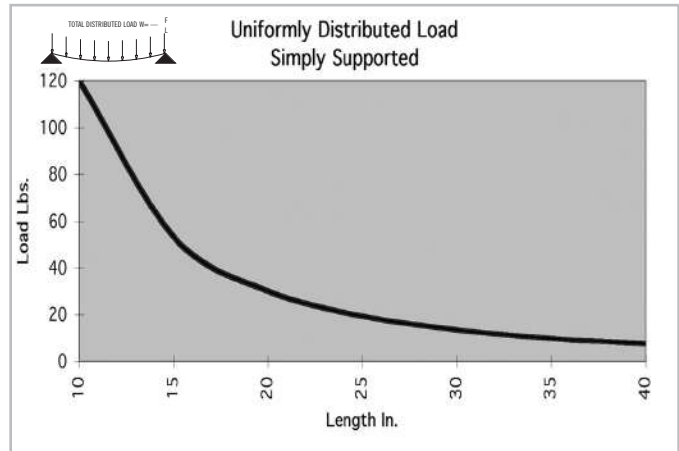
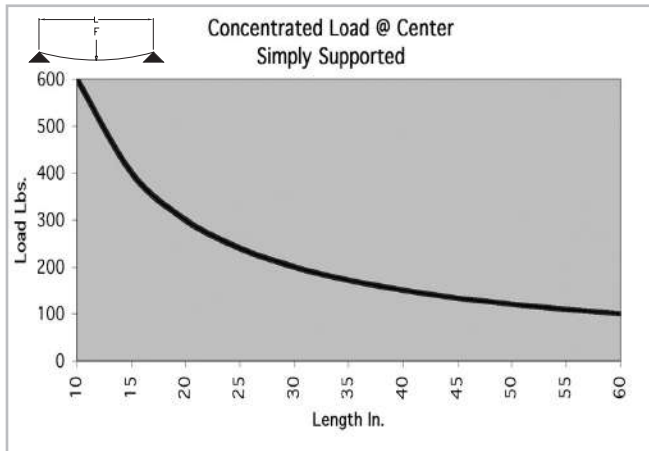
SPECIFICATIONS

Length Clear	240"
Length Black	240" (6 m)
Length Yellow	144" (3.6 m)
Weight	1.066 lbs/ft (1.066 kg/m)
Estimated Area	0.925 in ² (5.968 cm ²)
Moment of Inertia	I _x =.194 in ⁴ (8.075 cm ⁴) I _y =.194 in ⁴ (8.075 cm ⁴)

MACHINE SERVICES

CTL	660003
Single Access Hole	660028
Single Anchor Fastener	660020
Tap 5/16 -18	660034
Tap M8	660033
Tap 3/8 - 16	660009

BEAM SELECTION BY LOAD AND LENGTH



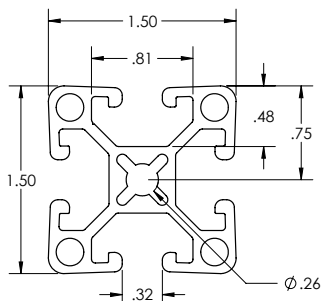
* Charts based on allowable loads related to yield strength with a margin of safety equal to five.

» For deflection equations see page 10

15 SERIES

TS15-15VL

Clear Anodized - 650018



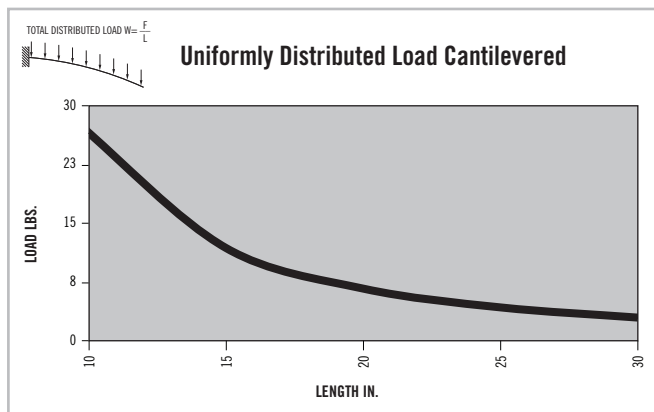
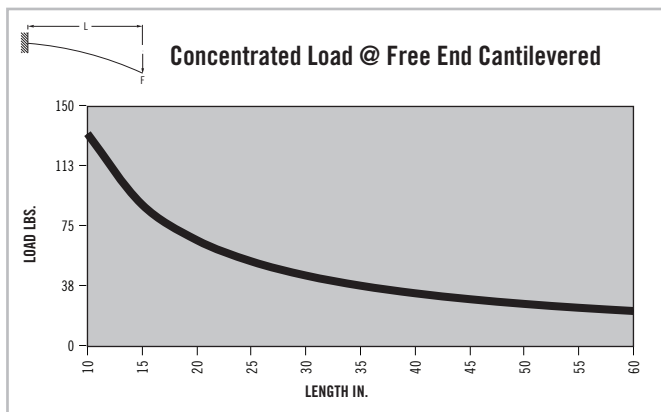
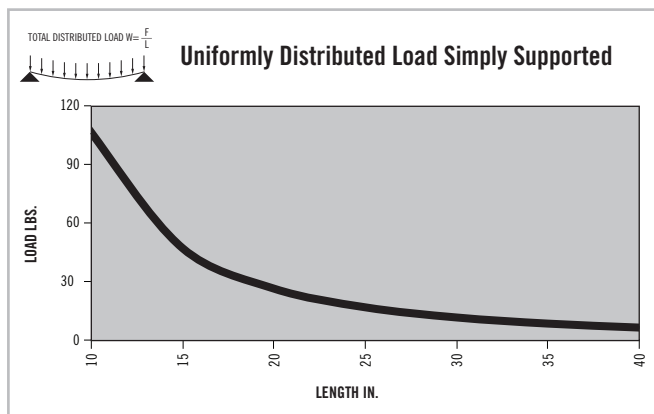
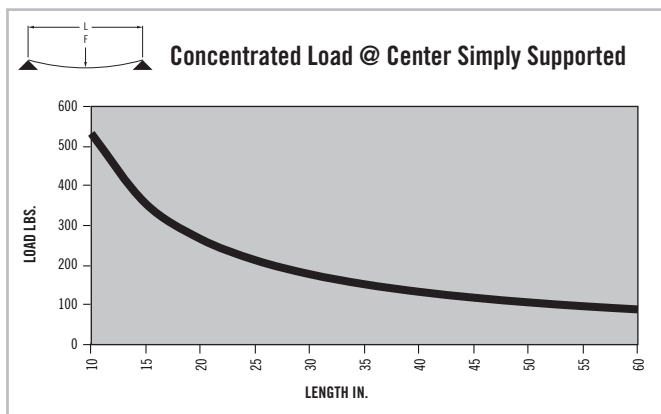
SPECIFICATIONS

Length	240"
Weight	0.932 lbs/ft (1.387 kg/m)
Estimated Area	0.771 in ² (4.972 cm ²)
Moment of Inertia	$I_x=0.172 \text{ in}^4 (7.159 \text{ cm}^4)$ $I_y=0.172 \text{ in}^4 (7.159 \text{ cm}^4)$

MACHINE SERVICES

CTL	660003
Single Access Hole	660028
Single Anchor Fastener	660020
Tap 5/16 - 18	660034
Tap M8	660033
Tap 3/8 - 16	660009

BEAM SELECTION BY LOAD AND LENGTH



* Charts based on allowable loads related to yield strength with a margin of safety equal to five.

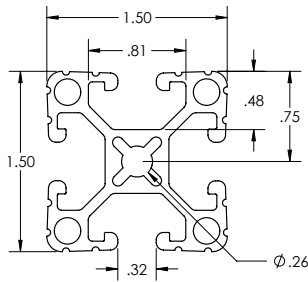
» For deflection equations see page 10

Fractional Extrusions

15 SERIES

TS15-15VL GR

Clear Anodized - 650081



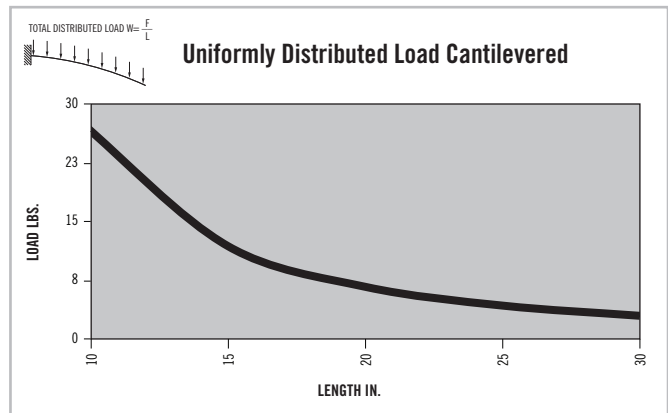
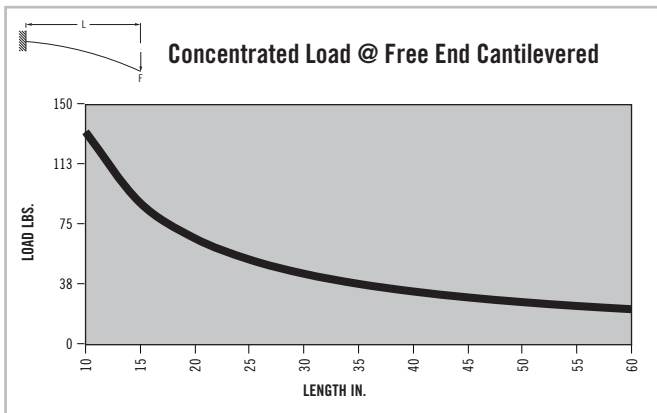
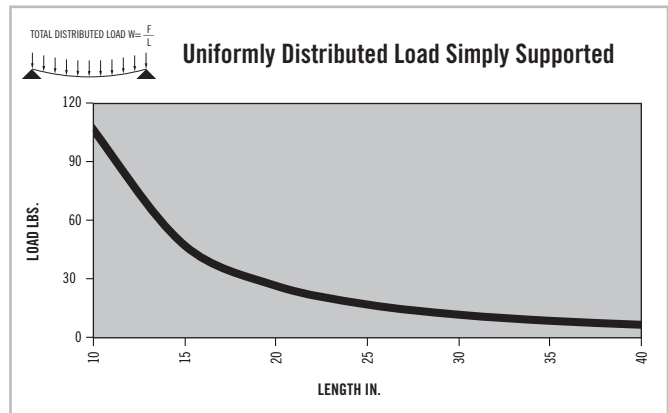
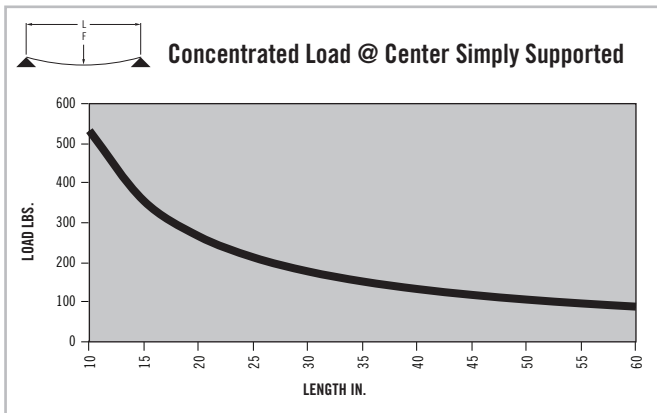
SPECIFICATIONS

Length	.....	.240"
Weight	.....	0.898 lbs/ft (1.336 kg/m)
Estimated Area	.....	0.771 in ² (4.972 cm ²)
Moment of Inertia	.....	I _x =0.172 in ⁴ (7.159 cm ⁴) I _y =0.172 in ⁴ (7.159 cm ⁴)

MACHINE SERVICES

CTL	.....	660003
Single Access Hole	.....	660028
Single Anchor Fastener	.....	660020
Tap 5/16 -18	.....	660034
Tap M8	.....	660033
Tap 3/8 - 16	.....	660009

BEAM SELECTION BY LOAD AND LENGTH



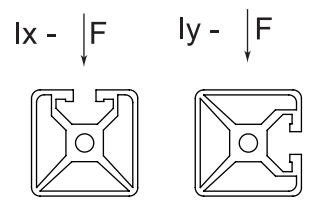
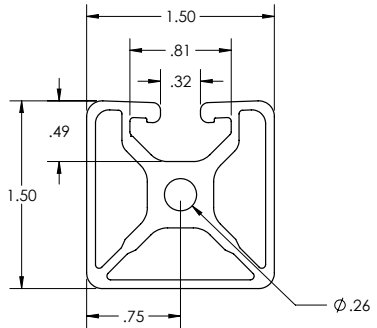
* Charts based on allowable loads related to yield strength with a margin of safety equal to five.

» For deflection equations see page 10

15 SERIES

TS15-15 MONOSLOT

Clear Anodized - **650014**
 Black Anodized - **650114**



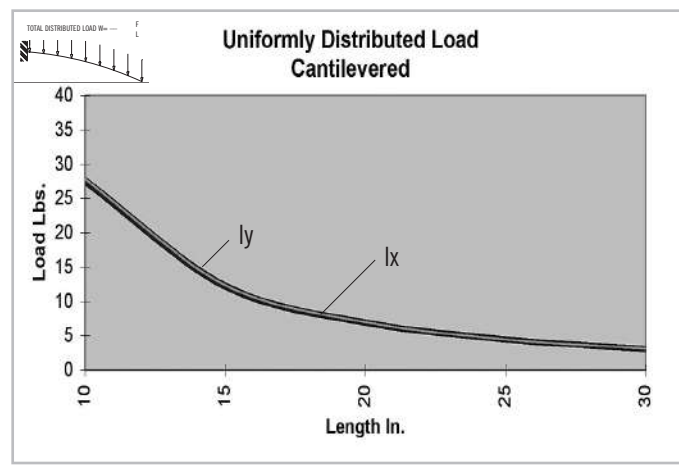
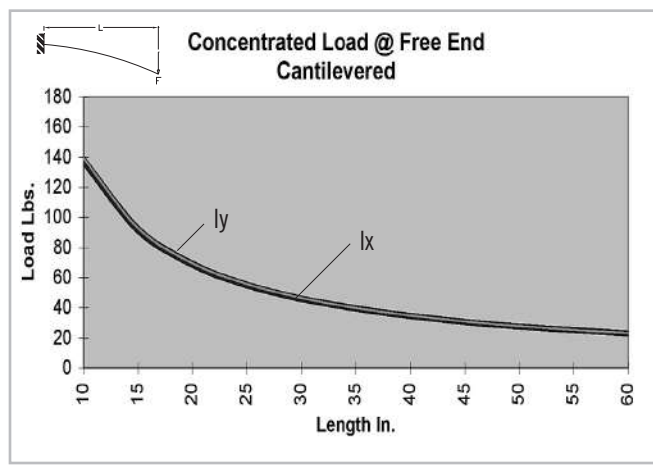
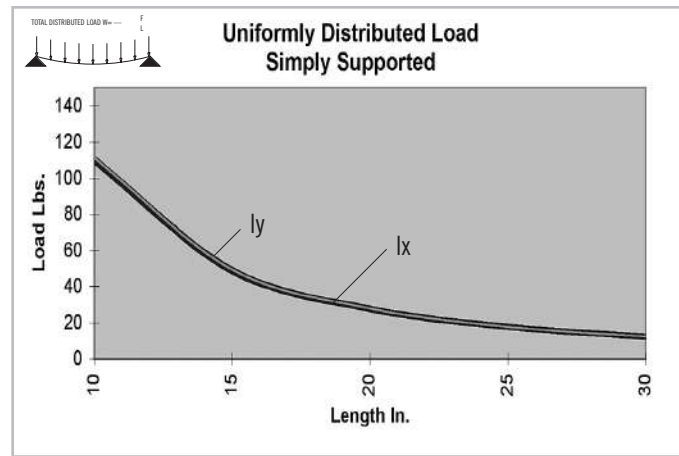
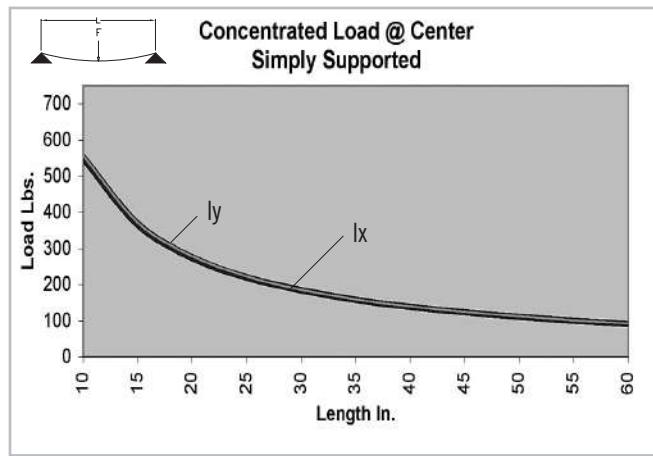
SPECIFICATIONS

Length	240"
Weight	1.014 lbs/ft (1.510 kg/m)
Estimated Area	0.846 in ² (5.456 cm ²)
Moment of Inertia	Ix=.178 in ⁴ (7.408 cm ⁴)
	Iy=.180 in ⁴ (7.492 cm ⁴)

MACHINE SERVICES

CTL	660003
Single Access Hole	660028
Single Anchor Fastener	660020
Tap 5/16 -18	660034
Tap M8	660033
Tap 3/8 - 16	660009

BEAM SELECTION BY LOAD AND LENGTH



* Charts based on allowable loads related to yield strength with a margin of safety equal to five.

» For deflection equations see page 10

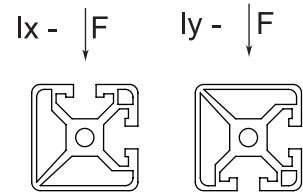
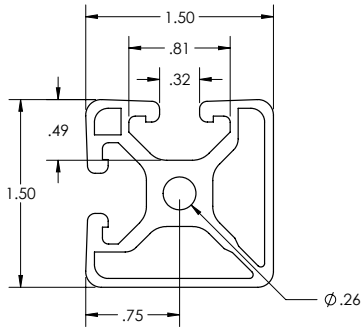
Fractional Extrusions

15 SERIES

TS15-15 BISLOT AD

Clear Anodized - **650015**

Black Anodized - **650115**



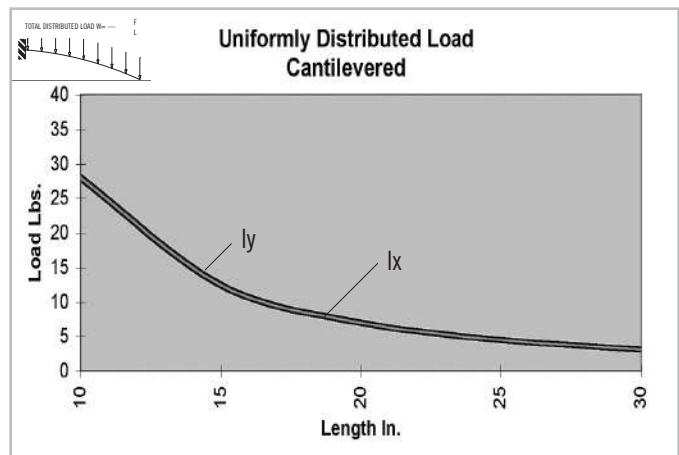
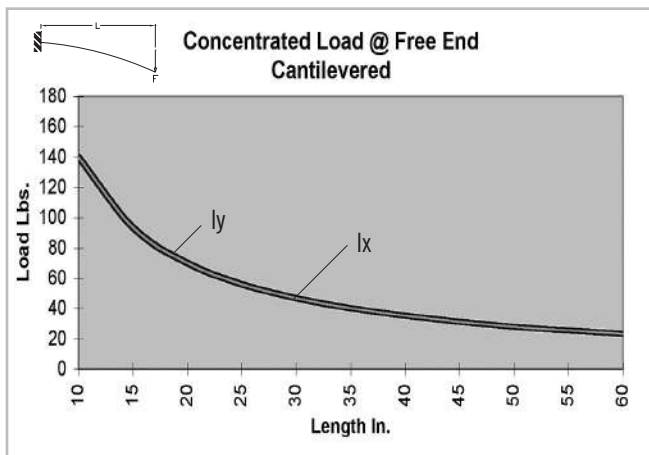
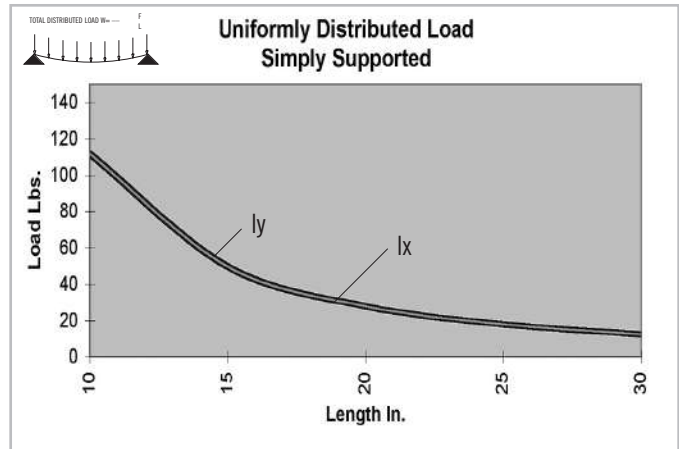
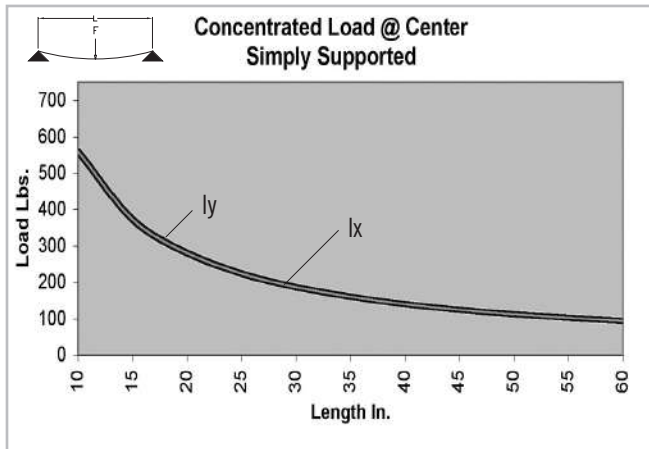
SPECIFICATIONS

Length	.....	240"
Weight	.....	1.036 lbs/ft (1.541 kg/m)
Estimated Area	.....	0.863 in ² (5.566 cm ²)
Moment of Inertia	.....	lx=.181 in ⁴ (7.533 cm ⁴)
		ly=.181 in ⁴ (7.533 cm ⁴)

MACHINE SERVICES

CTL	.....	660003
Single Access Hole	.....	660028
Single Anchor Fastener	.....	660020
Tap 5/16 -18	.....	660034
Tap M8	.....	660033
Tap 3/8 - 16	.....	660009

BEAM SELECTION BY LOAD AND LENGTH



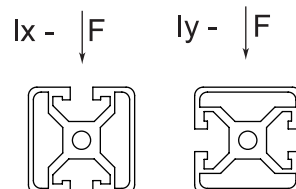
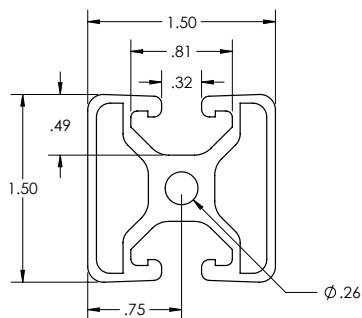
* Charts based on allowable loads related to yield strength with a margin of safety equal to five.

» For deflection equations see page 10

15 SERIES

TS15-15 BISLOT OPP

Clear Anodized - **650016**
 Black Anodized - **650116**



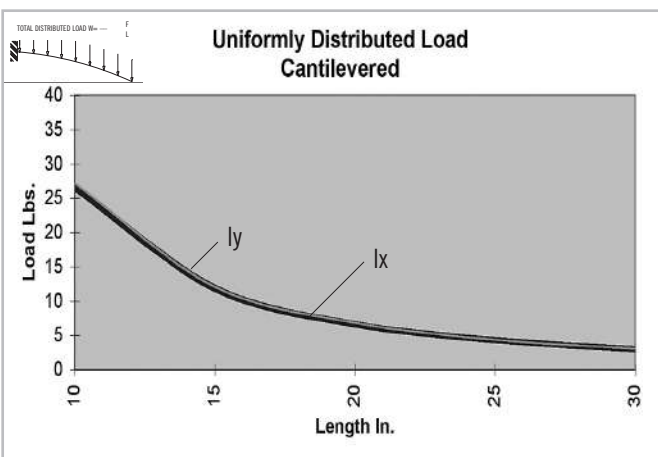
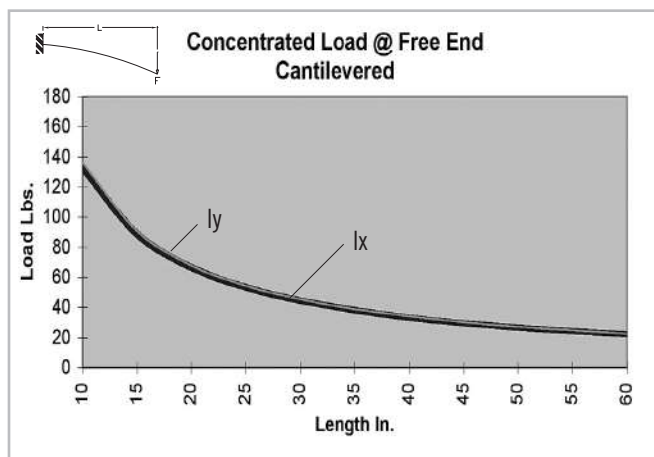
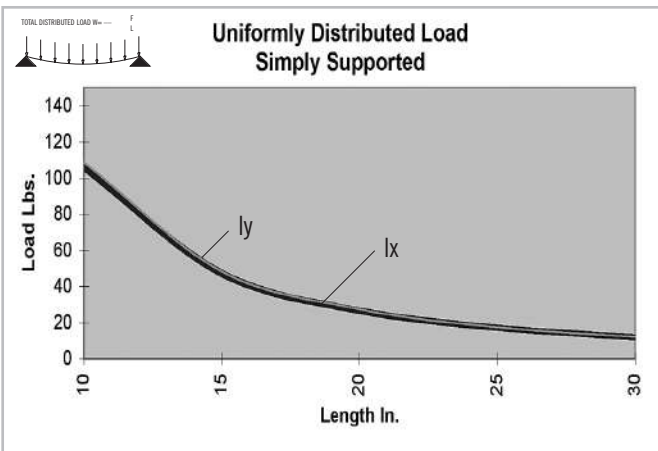
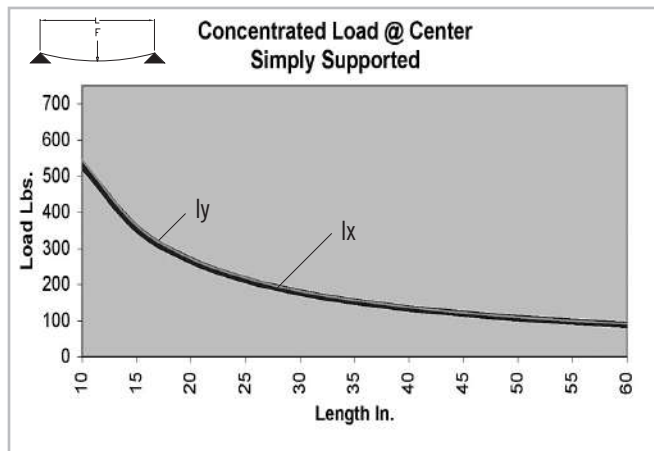
SPECIFICATIONS

Length	240"
Weight	1.008 lbs/ft (1.499 kg/m)
Estimated Area	0.840 in ² (5.418 cm ²)
Moment of Inertia	Ix=.172 in ⁴ (7.159 cm ⁴)
	Iy=.176 in ⁴ (7.325 cm ⁴)

MACHINE SERVICES

CTL	660003
Single Access Hole	660028
Single Anchor Fastener	660020
Tap 5/16 - 18	660034
Tap M8	660033
Tap 3/8 - 16	660009

BEAM SELECTION BY LOAD AND LENGTH



* Charts based on allowable loads related to yield strength with a margin of safety equal to five.

» For deflection equations see page 10

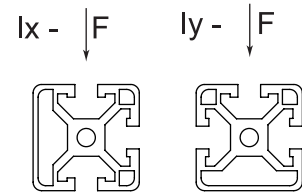
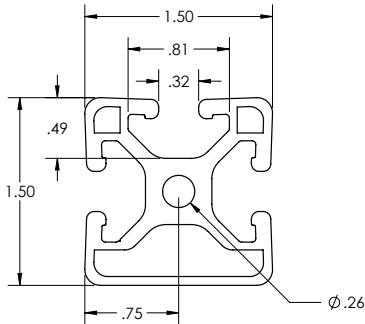
Fractional Extrusions

15 SERIES

TS15-15 TRISLOT

Clear Anodized - **650017**

Black Anodized - **650117**



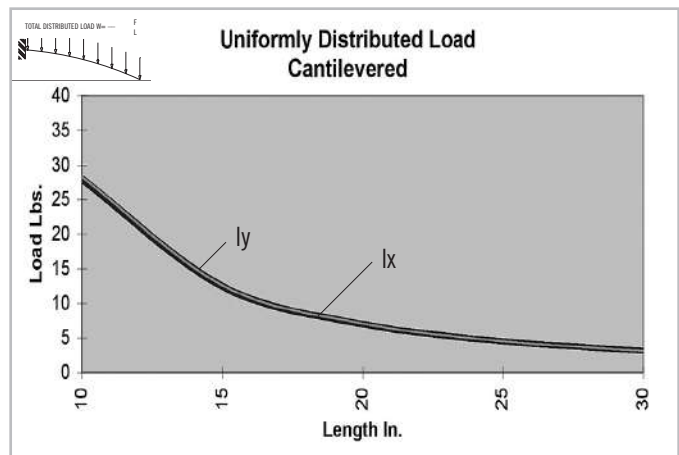
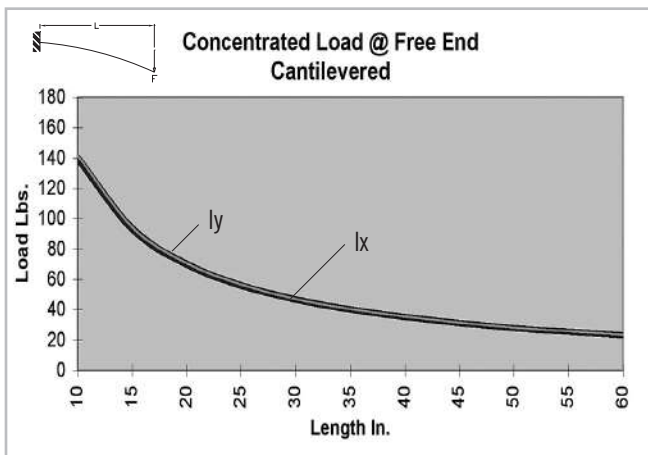
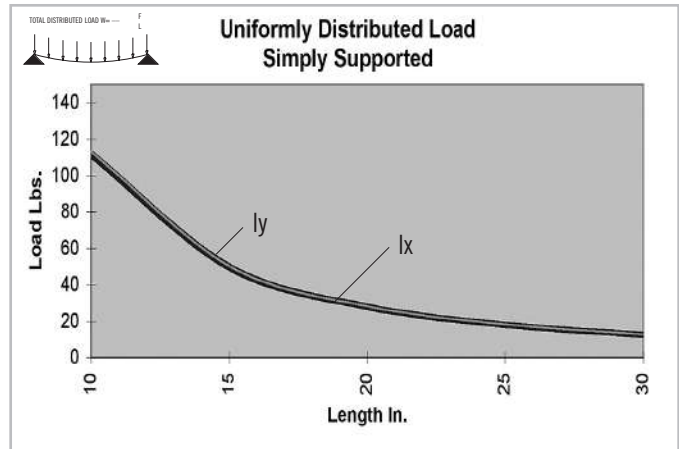
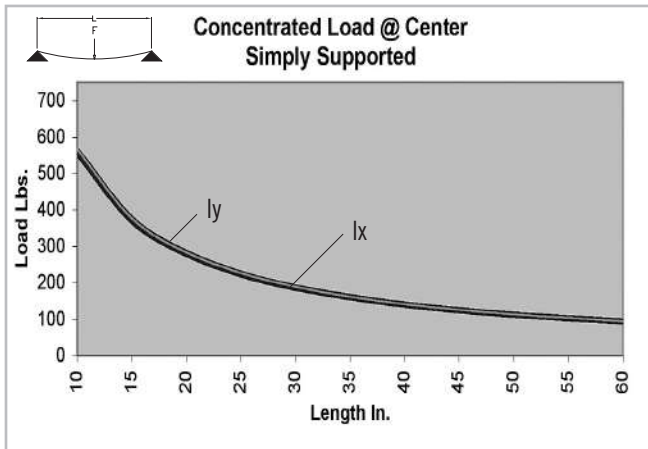
SPECIFICATIONS

Length	.....	240"
Weight	.....	1.050 lbs/ft (1.563 kg/m)
Estimated Area	.....	0.878 in ² (5.663 cm ²)
Moment of Inertia	.....	ix=.181 in ⁴ (7.533 cm ⁴) ly=.183 in ⁴ (7.617 cm ⁴)

MACHINE SERVICES

CTL	.....	660003
Single Access Hole	.....	660028
Single Anchor Fastener	.....	660020
Tap 5/16 -18	.....	660034
Tap M8	.....	660033
Tap 3/8 - 16	.....	660009

BEAM SELECTION BY LOAD AND LENGTH



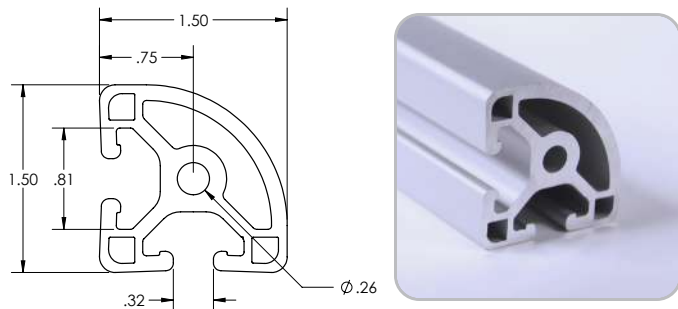
* Charts based on allowable loads related to yield strength with a margin of safety equal to five.

» For deflection equations see page 10

15 SERIES

TS15-15QR

Clear Anodized - 650041



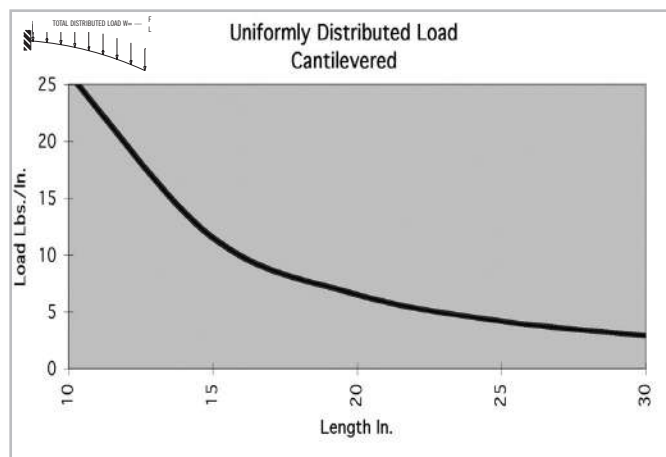
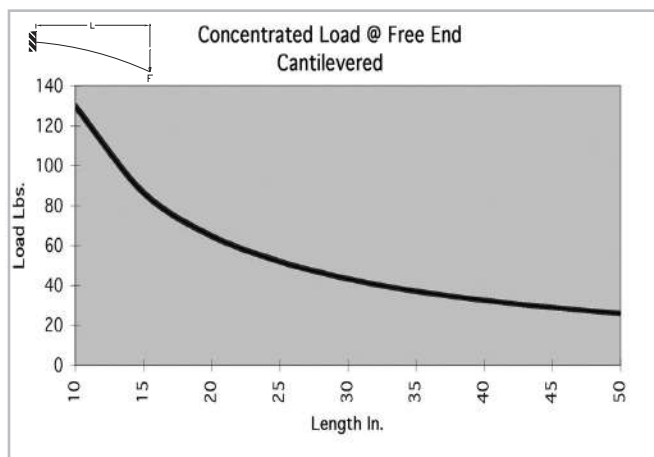
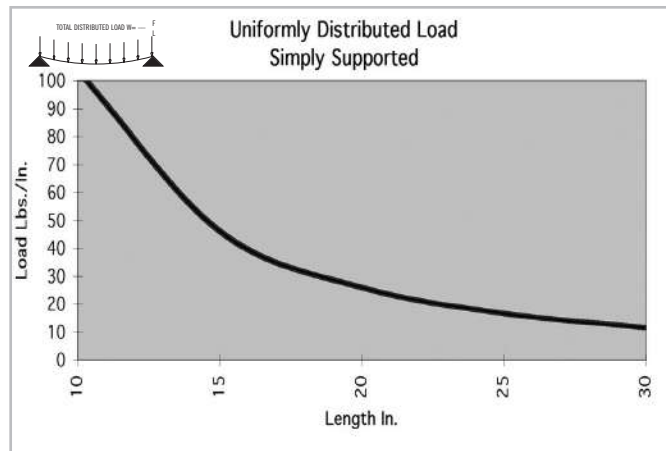
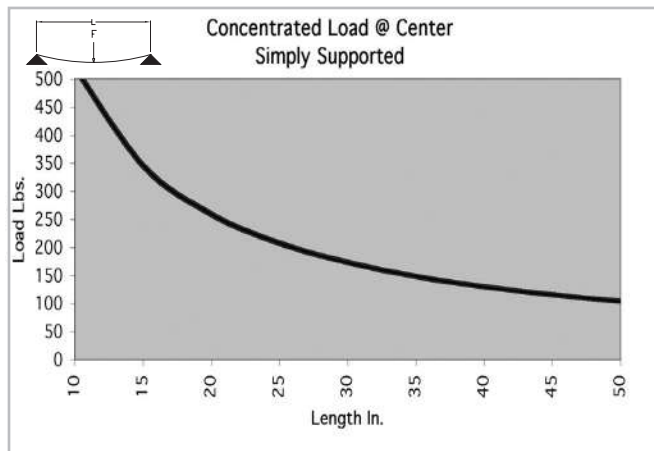
SPECIFICATIONS

Length	.....	240"
Weight	.....	1.045 lbs/ft (1.56 kg/m)
Estimated Area	.....	0.879 in ² (5.67 cm ²)
Moment of Inertia	.....	$I_x = .172 \text{ in}^4$ (7.16 cm ⁴)
		$I_y = .172 \text{ in}^4$ (7.16 cm ⁴)

MACHINE SERVICES

CTL	.....	660003
Single Access Hole	.....	660028
Single Anchor Fastener	.....	660020
Tap 5/16 - 18	.....	660034
Tap M8	.....	660033
Tap 3/8 - 16	.....	660009

BEAM SELECTION BY LOAD AND LENGTH



* Charts based on allowable loads related to yield strength with a margin of safety equal to five.

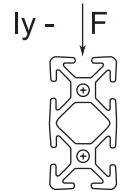
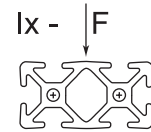
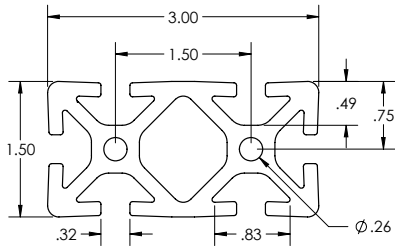
» For deflection equations see page 10

Fractional Extrusions

15 SERIES

TS15-30

Clear Anodized - **650008**
 Black Anodized - **650108**



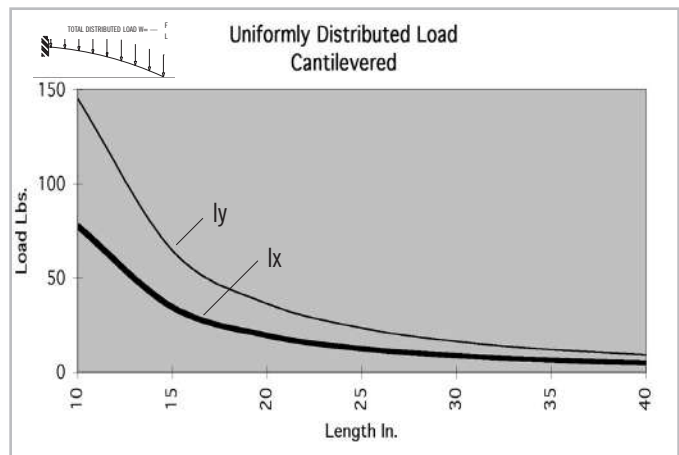
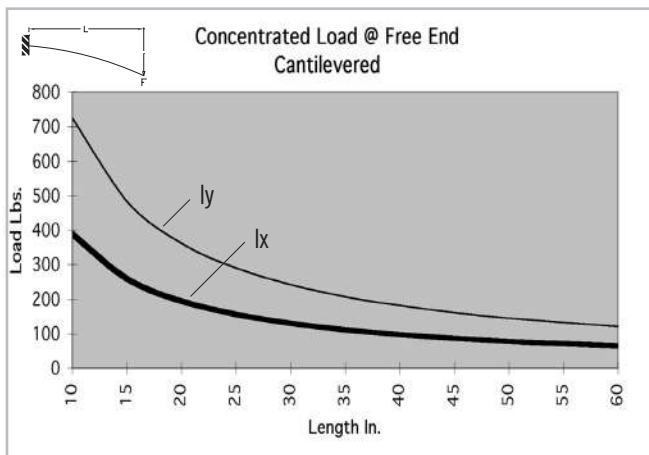
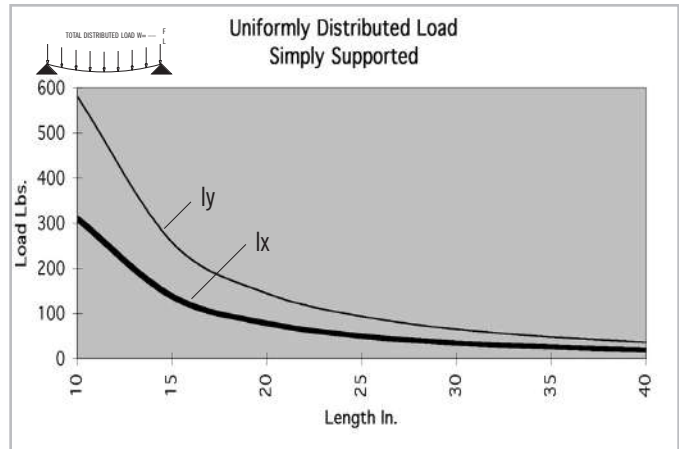
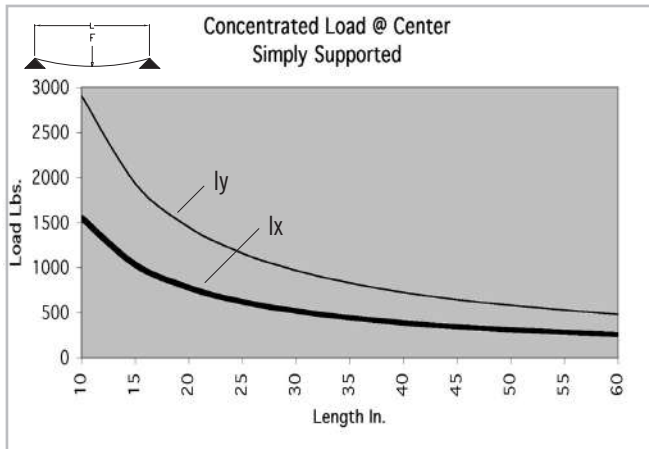
SPECIFICATIONS

Length	240"
Weight	2.507 lbs/ft (3.731 kg/m)
Estimated Area	2.155 in ² (13.903 cm ²)
Moment of Inertia	Ix=1.502 in ⁴ (20.895 cm ⁴) Iy=1.877 in ⁴ (78.127 cm ⁴)

MACHINE SERVICES

CTL	660006
Single Access Hole	660028
Single Anchor Fastener	660020
Tap 5/16 -18	660024
Tap M8	660027

BEAM SELECTION BY LOAD AND LENGTH



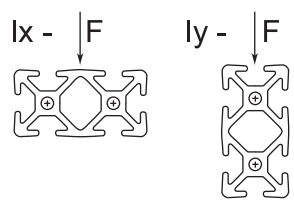
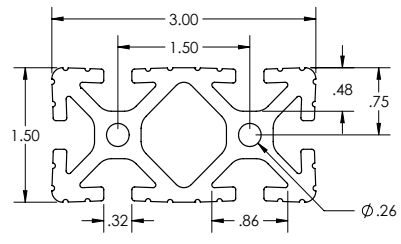
* Charts based on allowable loads related to yield strength with a margin of safety equal to five.

» For deflection equations see page 10

15 SERIES

TS15-30 GR

Clear Anodized - 650082



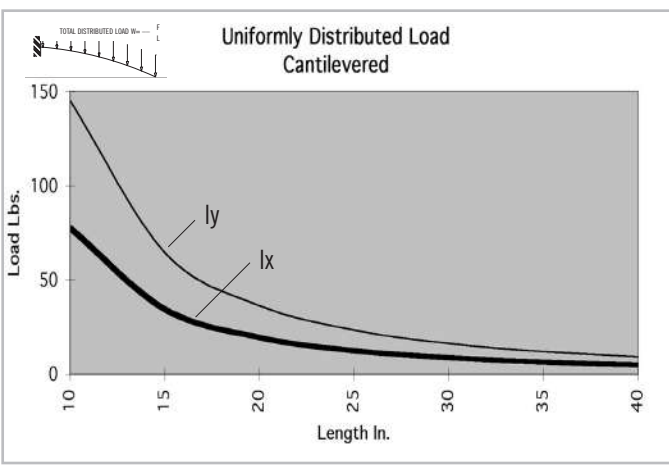
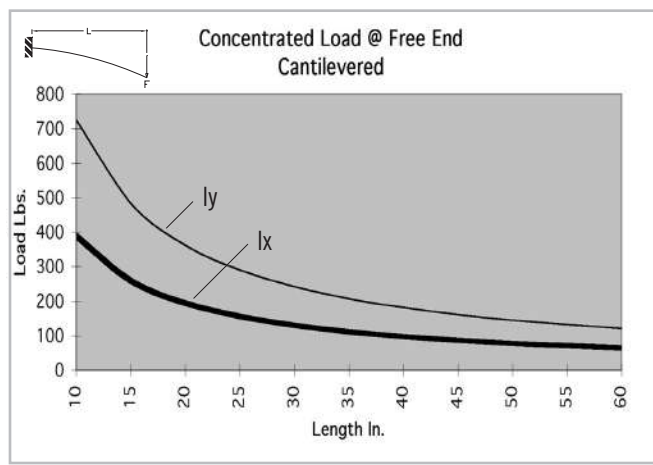
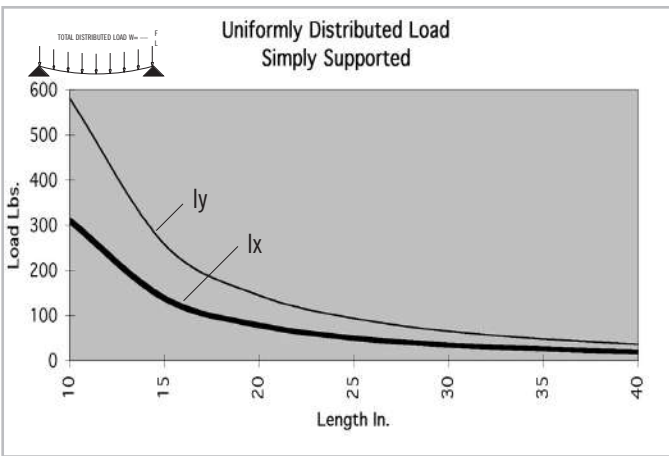
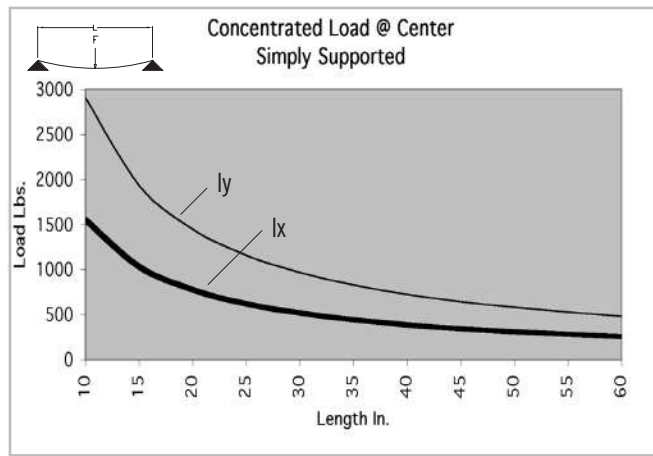
SPECIFICATIONS

Length	240"
Weight	2.466 lbs/ft (3.670 kg/m)
Estimated Area	2.155 in ² (13.903 cm ²)
Moment of Inertia	Ix=.502 in ⁴ (20.895 cm ⁴)
	Iy=1.877 in ⁴ (78.127 cm ⁴)

MACHINE SERVICES

CTL	660006
Single Access Hole	660028
Single Anchor Fastener	660020
Tap 5/16 - 18	660024
Tap M8	660027

BEAM SELECTION BY LOAD AND LENGTH



* Charts based on allowable loads related to yield strength with a margin of safety equal to five.

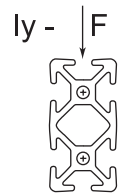
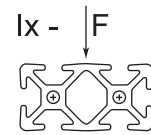
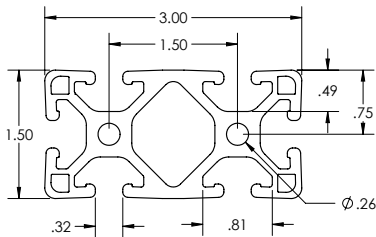
» For deflection equations see page 10

Fractional Extrusions

TS15-30L

Clear Anodized - **650009**

Black Anodized - **650109**



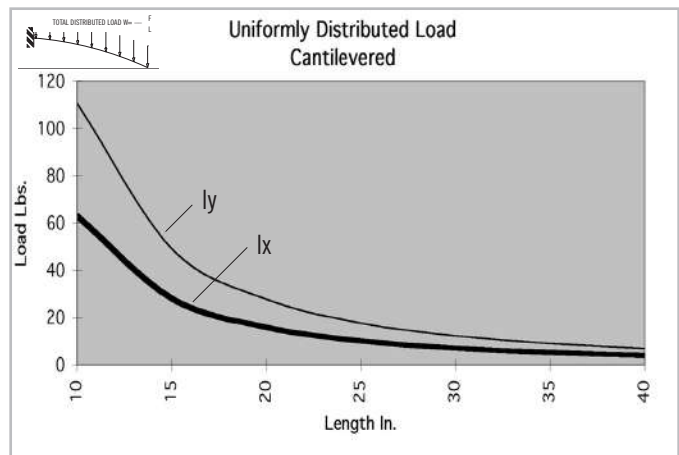
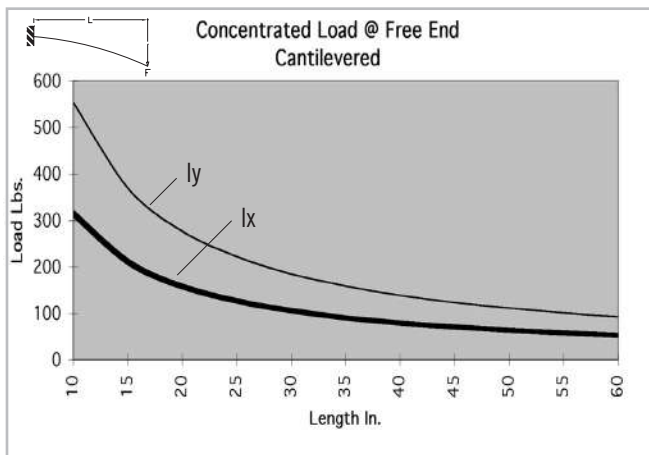
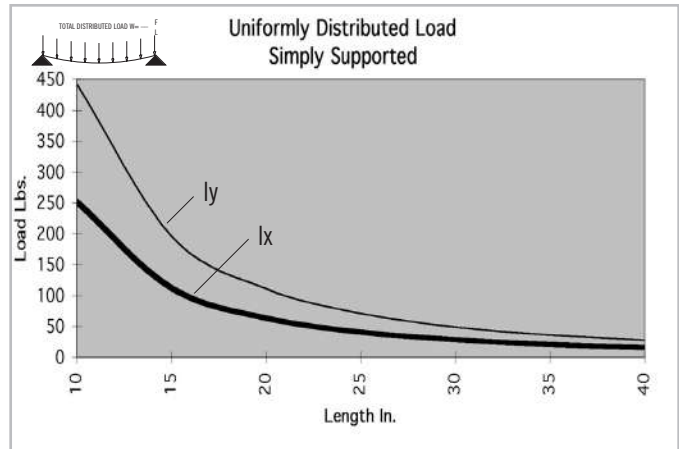
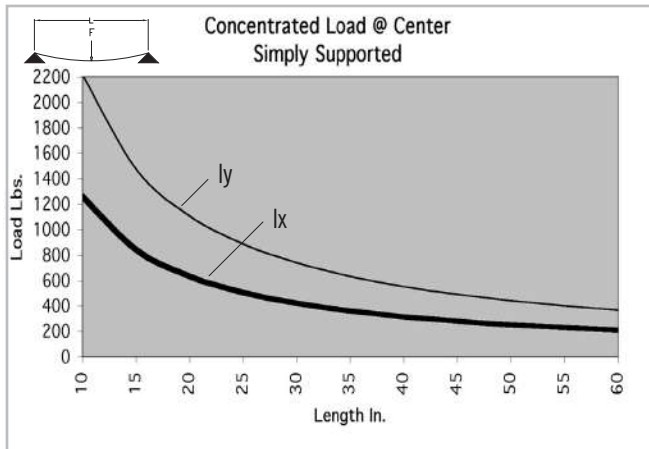
SPECIFICATIONS

Length	.....	.240"
Weight	.....	2.092 lbs/ft (3.113 kg/m)
Estimated Area	.....	1.766 in ² (11.394 cm ²)
Moment of Inertia	.....	I _x =.408 in ⁴ (16.982 cm ⁴)
	.....	I _y =1.431 in ⁴ (59.563 cm ⁴)

MACHINE SERVICES

CTL	.....	660006
Single Access Hole	.....	660028
Single Anchor Fastener	.....	660020
Tap 5/16 -18	.....	660024
Tap M8	.....	660027

BEAM SELECTION BY LOAD AND LENGTH



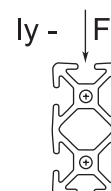
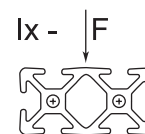
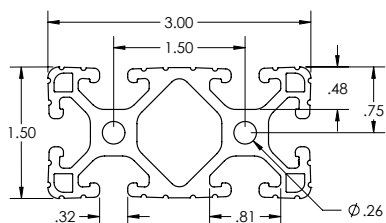
* Charts based on allowable loads related to yield strength with a margin of safety equal to five.

» For deflection equations see page 10

TS15-30L GR

Clear Anodized - **650047**

Black Anodized - **650147**



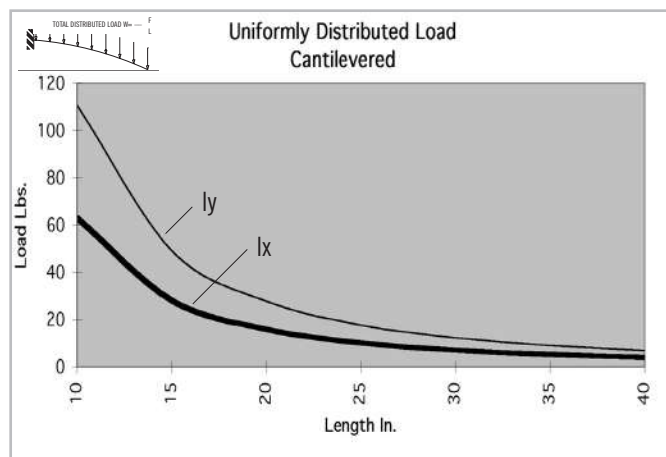
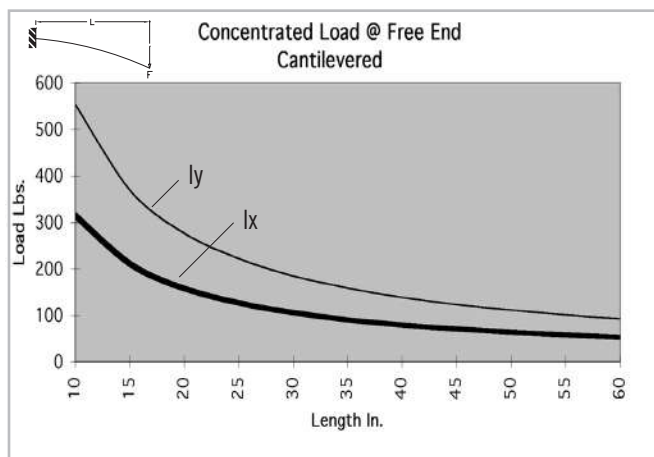
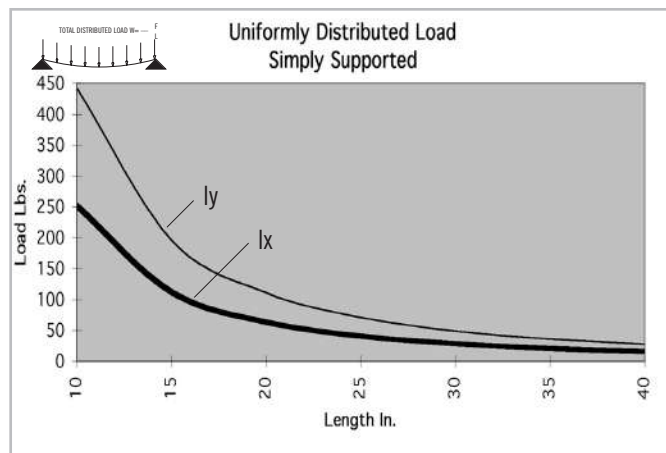
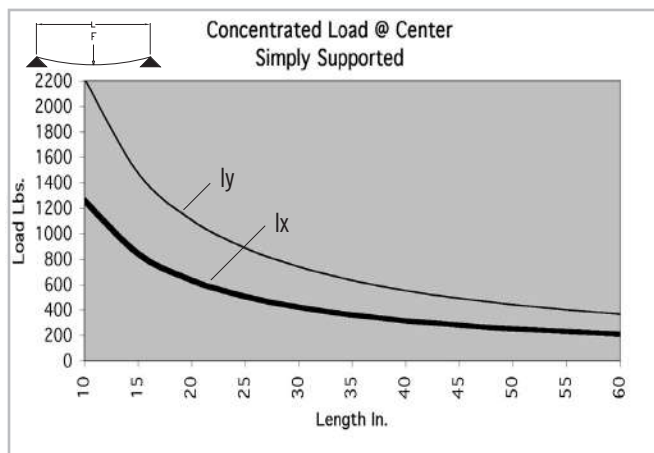
SPECIFICATIONS

Length	240"
Weight	2.042 lbs/ft (3.039 kg/m)
Estimated Area	1.766 in ² (11.394 cm ²)
Moment of Inertia	$I_x = .408 \text{ in}^4$ (16.982 cm ⁴)
	$I_y = 1.431 \text{ in}^4$ (59.563 cm ⁴)

MACHINE SERVICES

CTL	660006
Single Access Hole	660028
Single Anchor Fastener	660020
Tap 5/16 -18	660024
Tap M8	660027

BEAM SELECTION BY LOAD AND LENGTH



* Charts based on allowable loads related to yield strength with a margin of safety equal to five.

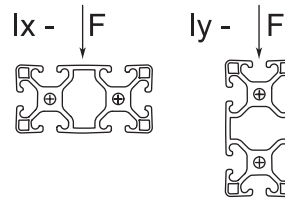
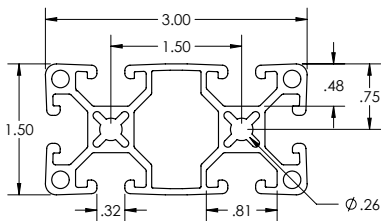
» For deflection equations see page 10

Fractional Extrusions

15 SERIES

TS15-30VL

Clear Anodized - 650020



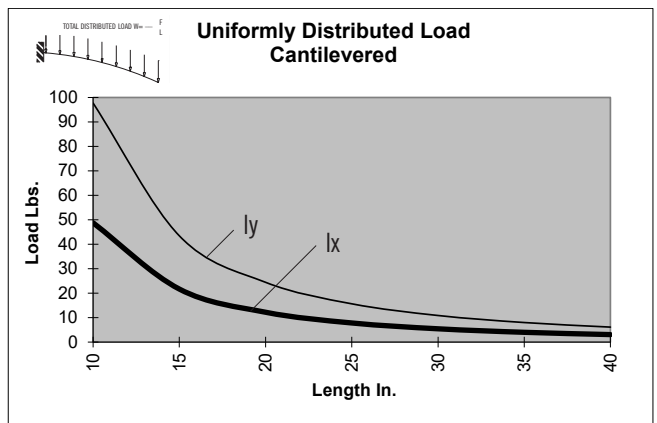
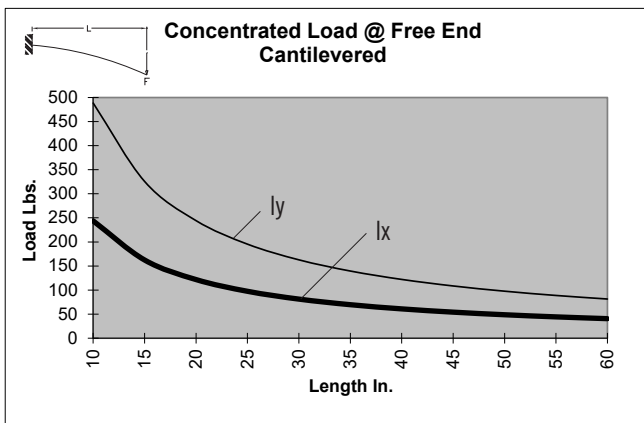
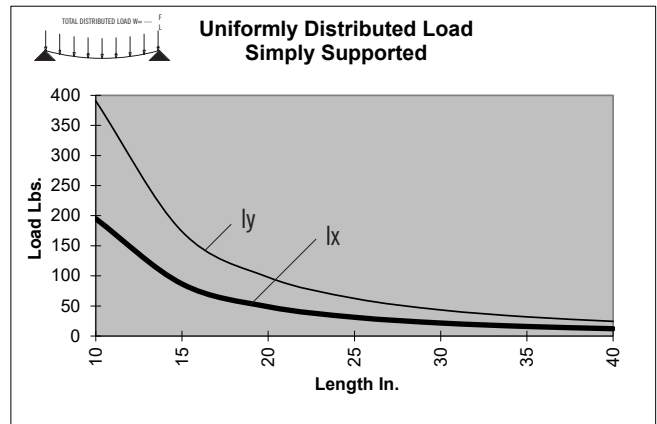
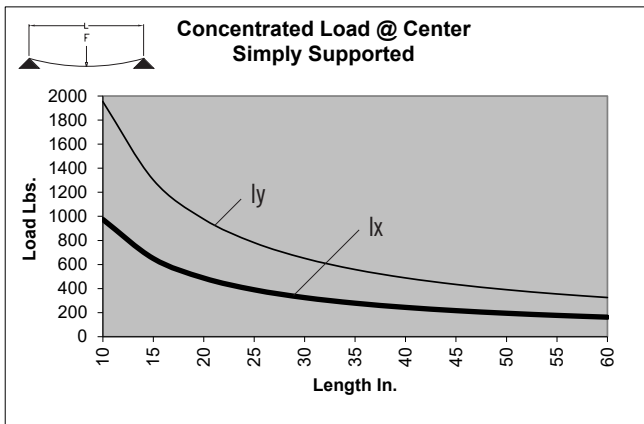
SPECIFICATIONS

Length	240"
Weight	1.567 lbs/ft (2.333 kg/m)
Estimated Area	1.339 in ² (8.639 cm ²)
Moment of Inertia	I _x =.315 in ⁴ (13.097 cm ⁴) I _y =1.263 in ⁴ (52.550 cm ⁴)

MACHINE SERVICES

CTL	660006
Single Access Hole	660028
Single Anchor Fastener	660020
Tap 5/16 -18	660024
Tap M8	660027

BEAM SELECTION BY LOAD AND LENGTH



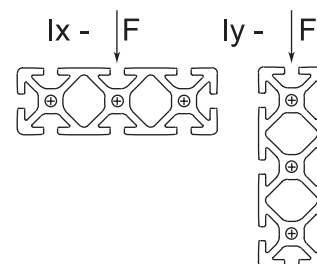
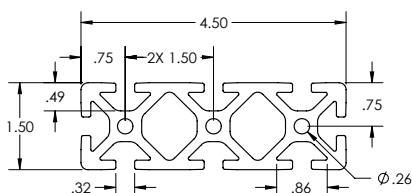
* Charts based on allowable loads related to yield strength with a margin of safety equal to five.

» For deflection equations see page 10

TS15-45

Black Anodized - **650110**

Clear Anodized - **650010**



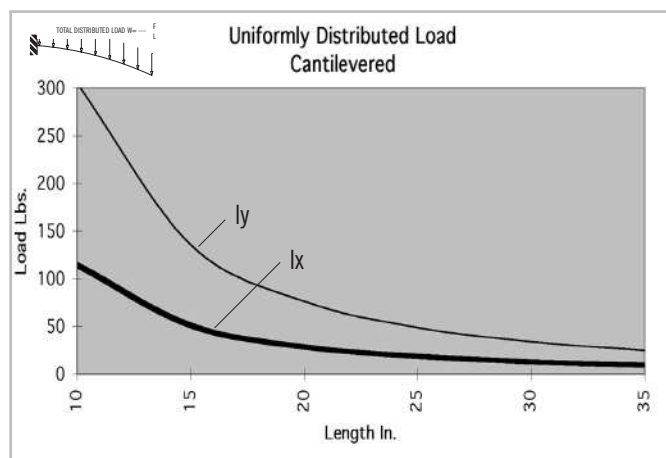
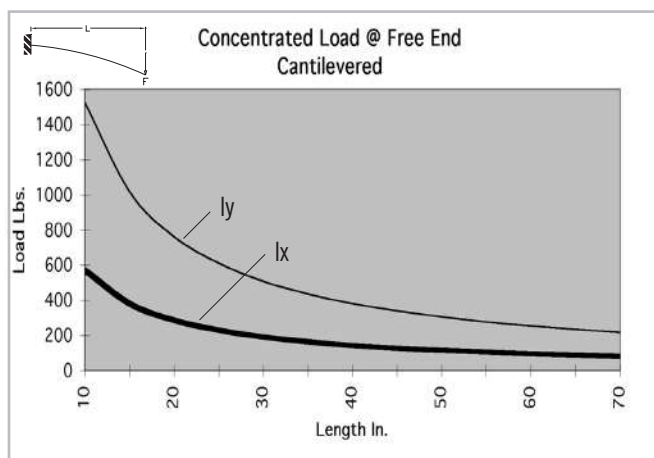
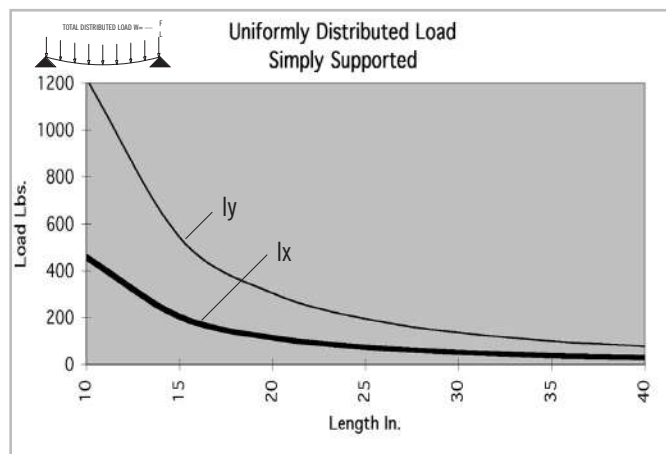
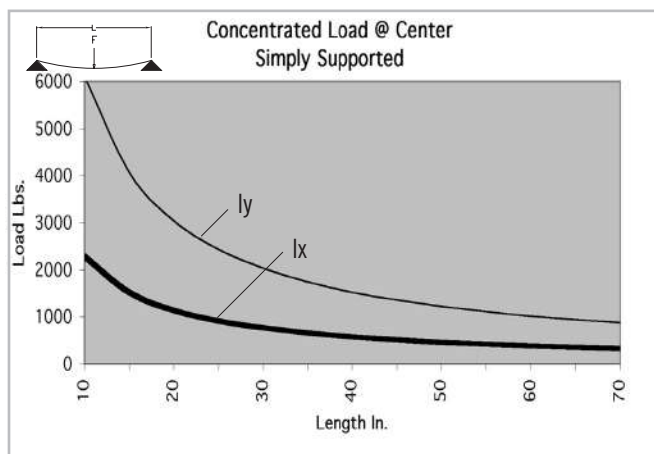
SPECIFICATIONS

Length	.....	240"
Weight	.....	3.684 lbs/ft (5.482 kg/m)
Estimated Area	.....	3.113 in ² (20.084 cm ²)
Moment of Inertia	.....	$I_x = .739 \text{ in}^4$ (30.760 cm ⁴)
		$I_y = 5.913 \text{ in}^4$ (246.118 cm ⁴)

MACHINE SERVICES

CTL	.....	660007
Single Access Hole	.....	660028
Single Anchor Fastener	.....	660020
Tap 5/16 -18	.....	660010
Tap M8	.....	660011

BEAM SELECTION BY LOAD AND LENGTH



* Charts based on allowable loads related to yield strength with a margin of safety equal to five.

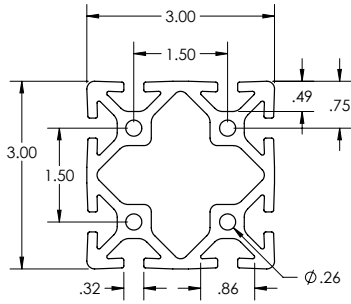
» For deflection equations see page 10

Fractional Extrusions

15 SERIES

TS30-30

Clear Anodized - **650012**
 Black Anodized - **650112**



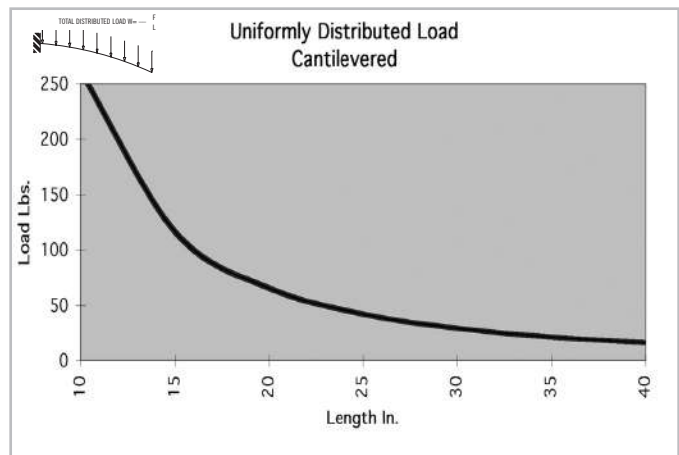
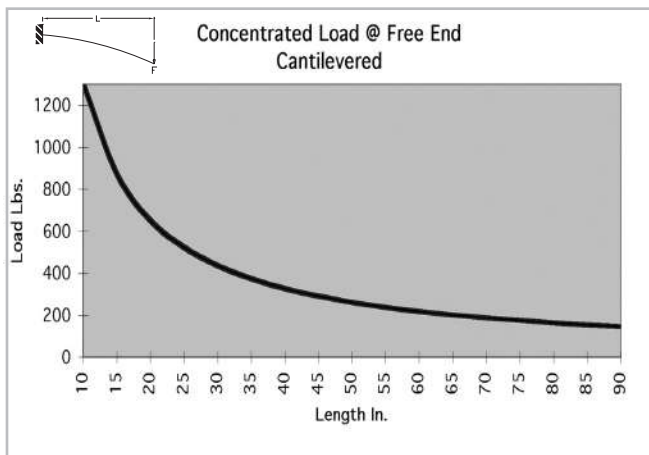
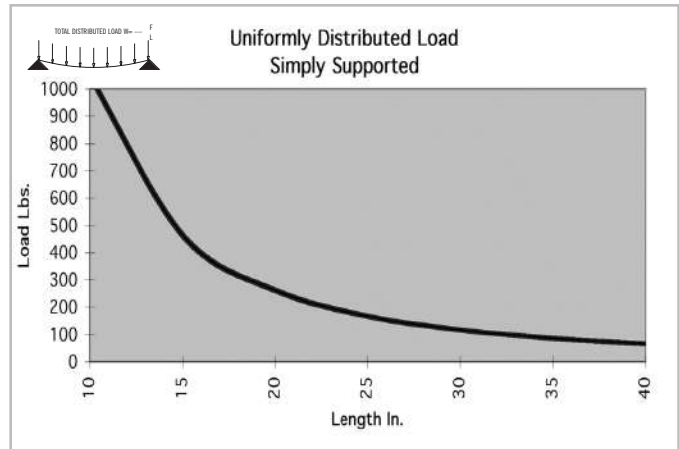
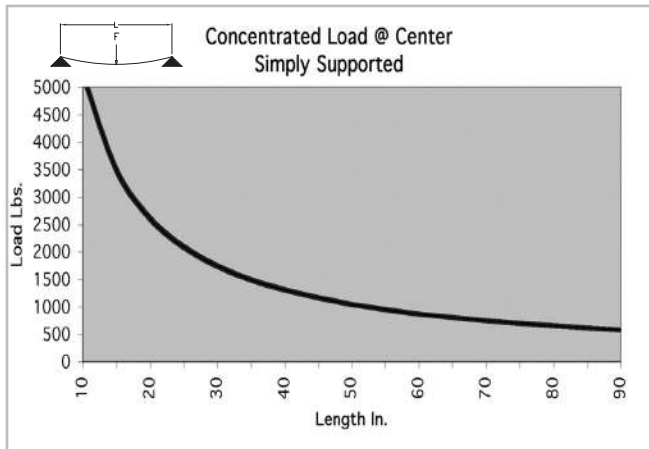
SPECIFICATIONS

Length	.....	.240"
Weight	.....	3.944 lbs/ft (5.869 kg/m)
Estimated Area	.....	3.356 in ² (21.652 cm ²)
Moment of Inertia	.....	I _x =3.379 in ⁴ (140.645 cm ⁴) I _y =3.379 in ⁴ (140.645 cm ⁴)

MACHINE SERVICES

CTL	.....	660013
Single Access Hole	.....	660028
Single Anchor Fastener	.....	660020
Tap 5/16 -18	.....	660031
Tap M8	.....	660032

BEAM SELECTION BY LOAD AND LENGTH



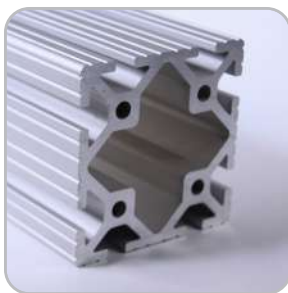
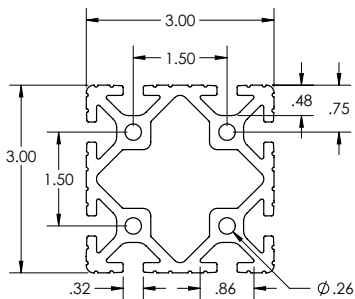
* Charts based on allowable loads related to yield strength with a margin of safety equal to five.

» For deflection equations see page 10

15 SERIES

TS30-30 GR

Clear Anodized - 650083



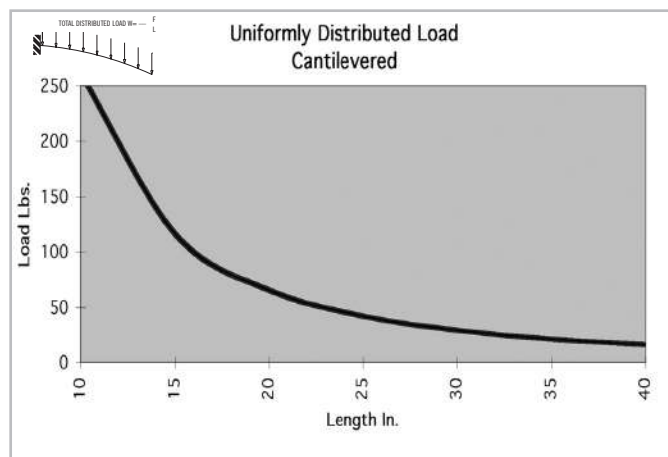
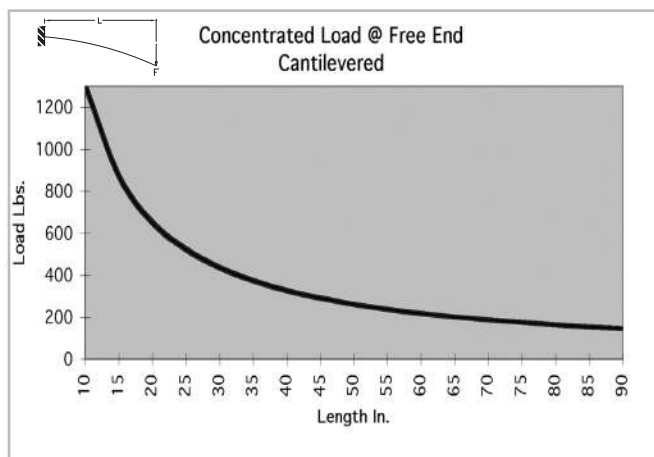
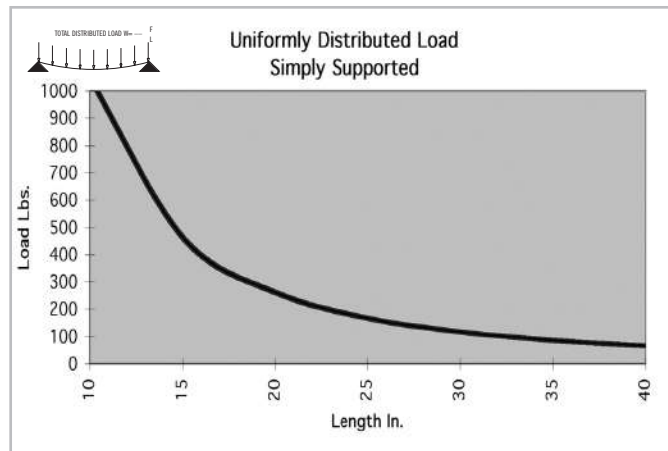
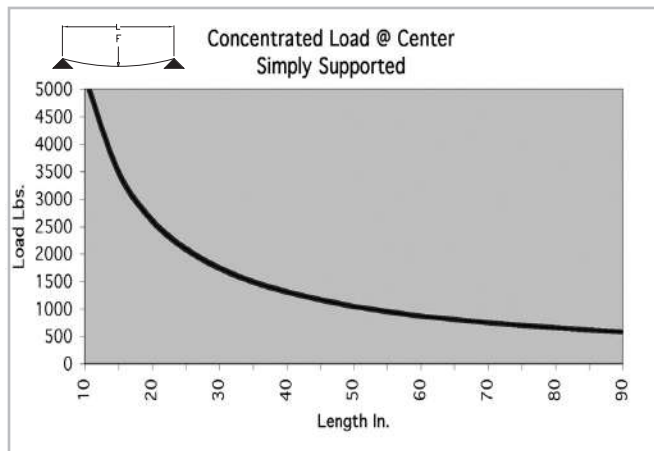
SPECIFICATIONS

Length	.....	.240"
Weight	.....	3.918 lbs/ft (5.831 kg/m)
Estimated Area	.....	3.356 in ² (21.652 cm ²)
Moment of Inertia	.....	I _x =3.379 in ⁴ (140.645 cm ⁴) I _y =3.379 in ⁴ (140.645 cm ⁴)

MACHINE SERVICES

CTL	.....	660013
Single Access Hole	.....	660028
Single Anchor Fastener	.....	660020
Tap 5/16 -18	.....	660031
Tap M8	.....	660032

BEAM SELECTION BY LOAD AND LENGTH



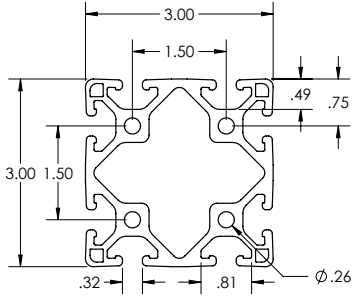
* Charts based on allowable loads related to yield strength with a margin of safety equal to five.

» For deflection equations see page 10

Fractional Extrusions

TS30-30L

Clear Anodized - **650013**
 Black Anodized - **650113**



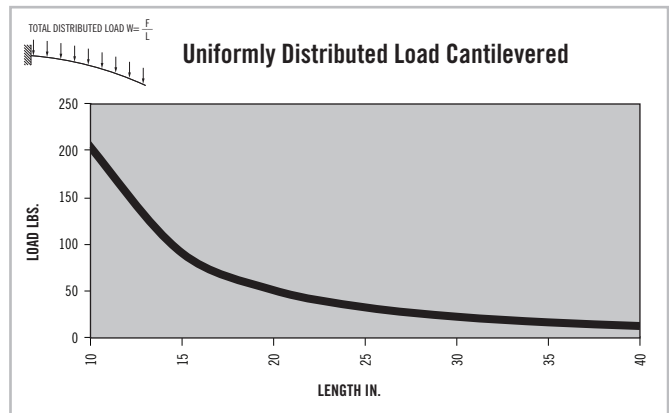
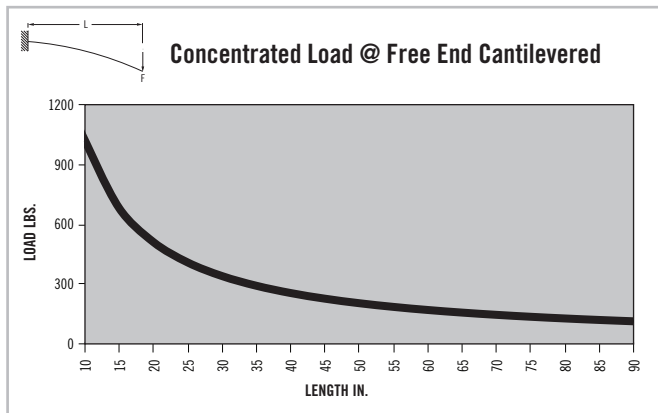
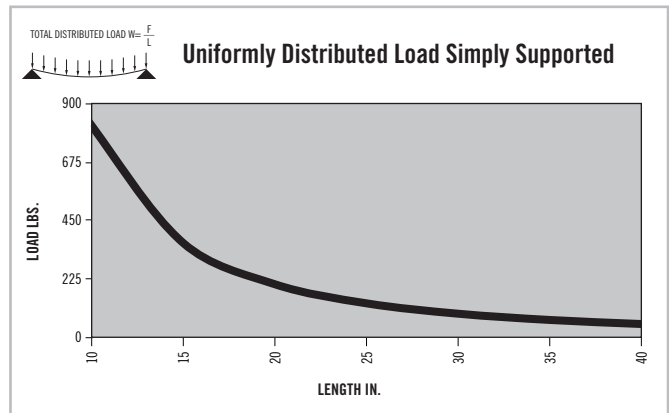
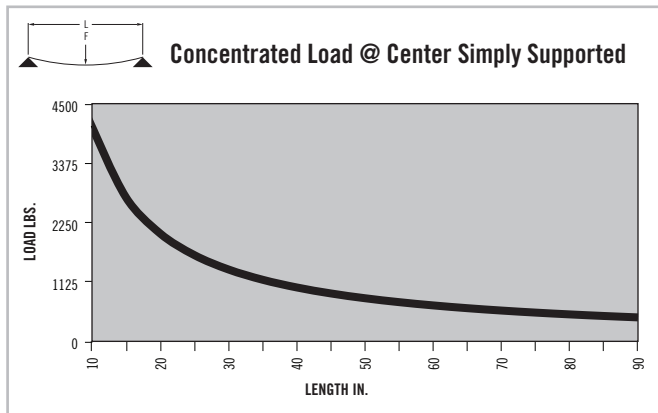
SPECIFICATIONS

Length	.....	.240"
Weight	.....	3.296 lbs/ft (4.905 kg/m)
Estimated Area	.....	2.728 in ² (17.598 cm ²)
Moment of Inertia	.....	I _x =2.639 in ⁴ (109.863 cm ⁴) I _y =2.639 in ⁴ (109.863 cm ⁴)

MACHINE SERVICES

CTL	.....	660013
Single Access Hole	.....	660028
Single Anchor Fastener	.....	660020
Tap 5/16 -18	.....	660031
Tap M8	.....	660032

BEAM SELECTION BY LOAD AND LENGTH



* Charts based on allowable loads related to yield strength with a margin of safety equal to five.

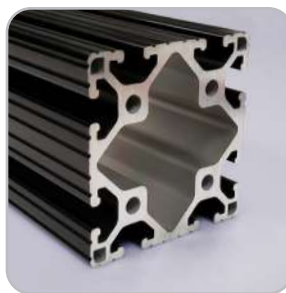
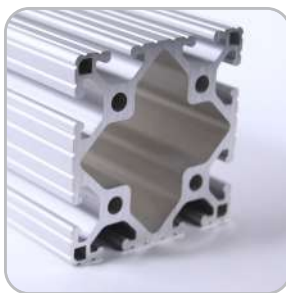
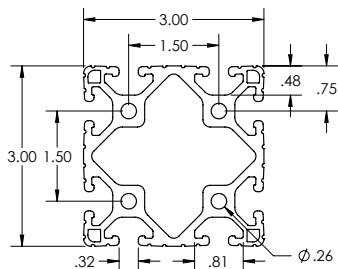
» For deflection equations see page 10

15 SERIES

TS30-30LGR

Clear Anodized - **650084**

Black Anodized - **650184**



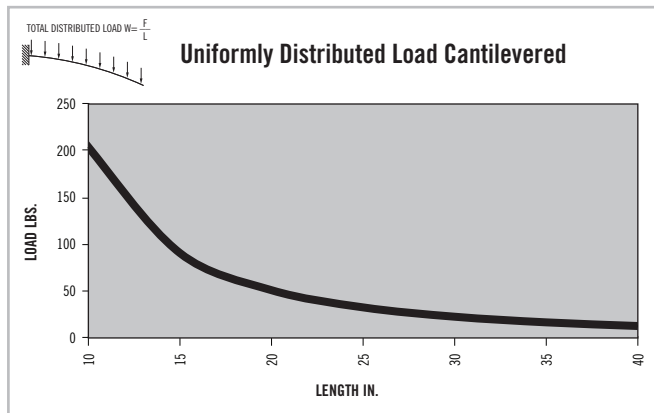
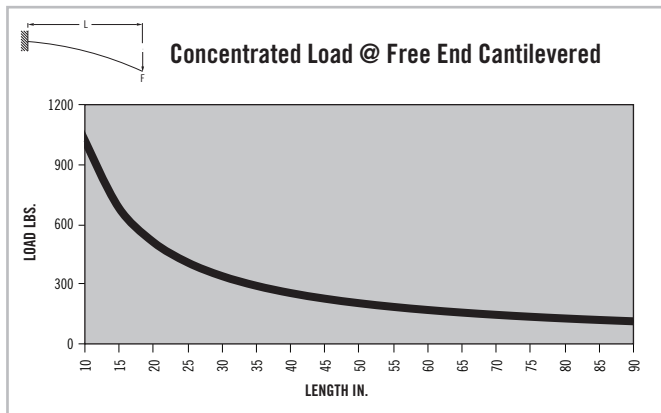
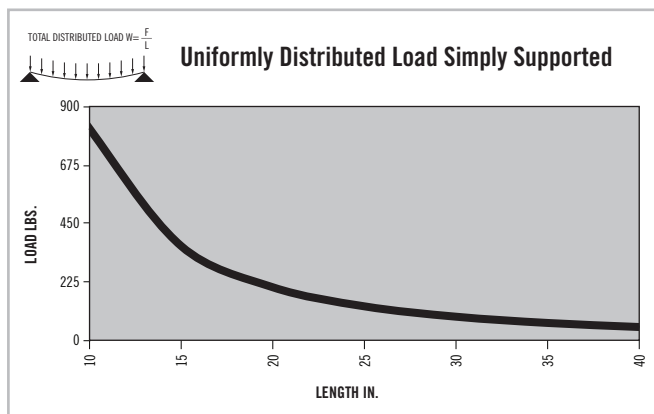
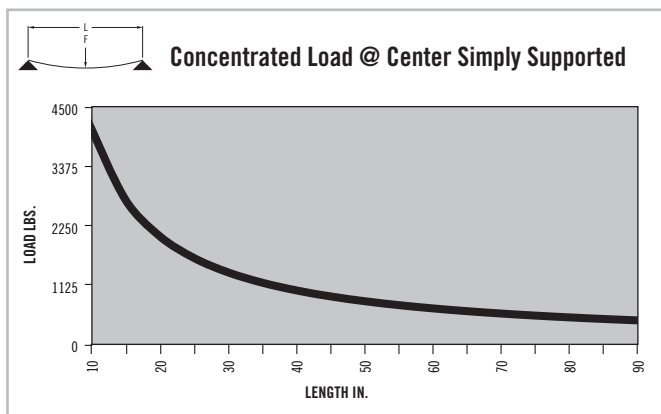
SPECIFICATIONS

Length	.....	.240"
Weight	.....	3.296 lbs/ft (4.905 kg/m)
Estimated Area	.....	2.728 in ² (17.598 cm ²)
Moment of Inertia	.....	$I_x=2.639 \text{ in}^4$ (109.863 cm ⁴)
	.....	$I_y=2.639 \text{ in}^4$ (109.863 cm ⁴)

MACHINE SERVICES

CTL	.....	660013
Single Access Hole	.....	660028
Single Anchor Fastener	.....	660020
Tap 5/16 -18	.....	660031
Tap M8	.....	660032

BEAM SELECTION BY LOAD AND LENGTH



* Charts based on allowable loads related to yield strength with a margin of safety equal to five.

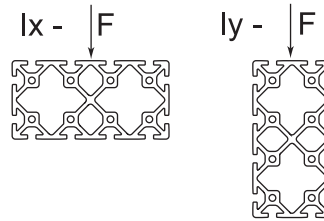
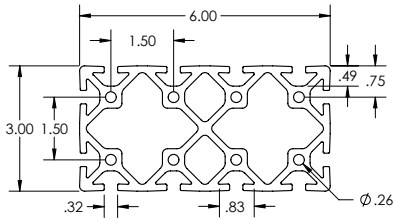
» For deflection equations see page 10

Fractional Extrusions

15 SERIES

TS30-60

Clear Anodized - 650042



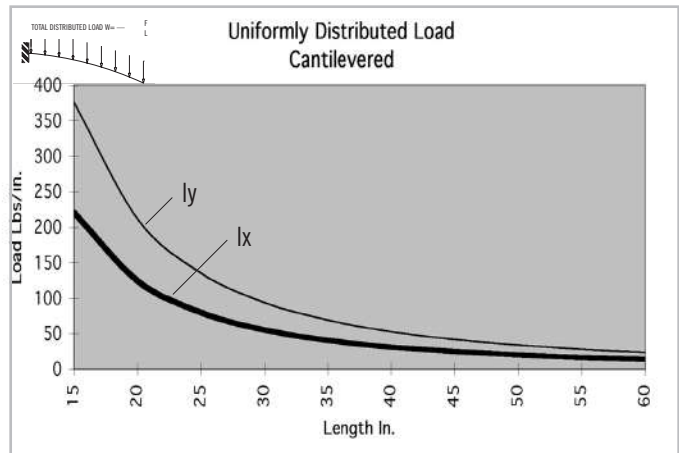
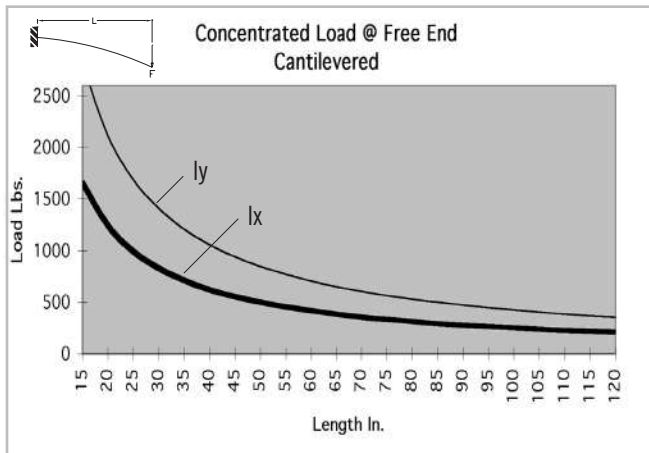
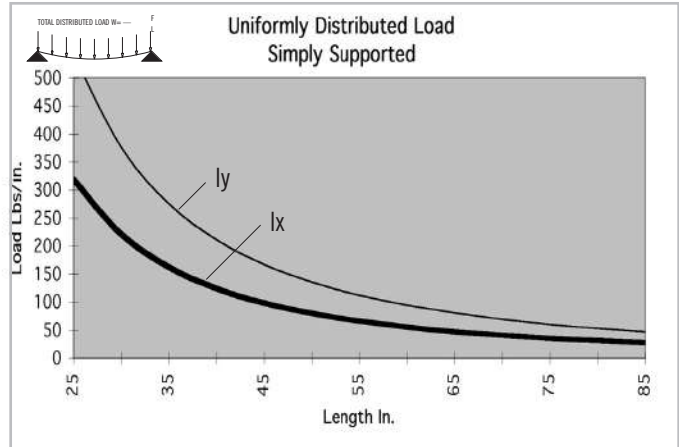
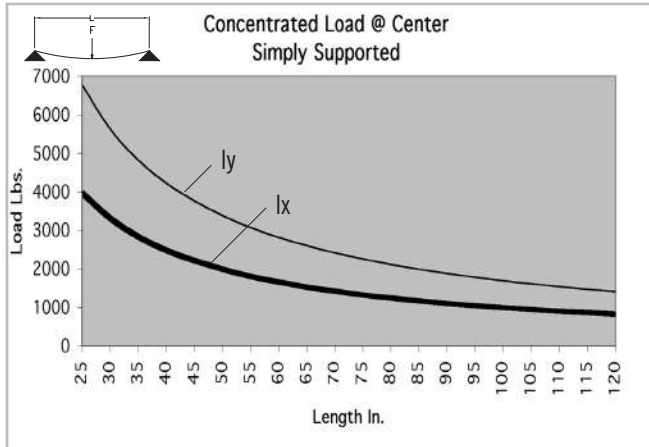
SPECIFICATIONS

Length	240"
Weight	7.198 lbs/ft (10.712 kg/m)
Estimated Area	6.219 in ² (40.123 cm ²)
Moment of Inertia	$I_x=6.4300 \text{ in}^4$ (267.637 cm ⁴)
	$I_y=21.8559 \text{ in}^4$ (909.711 cm ⁴)

MACHINE SERVICES

CTL	660008
Single Access Hole	660028
Single Anchor Fastener	660020
Tap 5/16-18	660012

BEAM SELECTION BY LOAD AND LENGTH



* Charts based on allowable loads related to yield strength with a margin of safety equal to five.

» For deflection equations see page 10