



**NTEICO**

# **PRODUCT CATALOGUE**

**SUPPORT SYSTEM SOLUTIONS**

[nteico.ae](http://nteico.ae)





## Customizable Solutions

Choose your preferred variant from our detailed product sheets, or contact us for specially designed solutions. We specialize in fulfilling all your solution needs, so you never have to go anywhere else.



## Thoroughly Tested

All NTEICO products are certified according to the relevant standards, and are rigorously tested for premium quality. We ensure you always get the best product possible.



## International Exposure

NTEICO has maintained a healthy international presence throughout the years it has operated. We have been regular exhibitionists around the globe, building a loyal clientele everywhere we go.



## Broad Portfolio

NTEICO has engineering solutions to meet all your construction needs. Just browse through our solutions to choose what suits you best and let us know how we can help you achieve excellence.

**300+**  
**PROJECTS**

**9**  
**COUNTRIES**

## OUR VISION

To provide absolute support system solutions to our clients all across the world, fostering a business environment free from any sort of dependence on traditional suppliers.

## OUR MISSION

To foster the business environment which we grow in by providing a portfolio of absolute pipe support solutions to all those who seek them, through our reliable staff and efficient processes.

## OUR STORY

NTEICO can be traced back to humble beginnings when in 1989 the company started operating on a modest scale. NTEICO quickly established itself as a reliable provider of quality services in the fields of MEP service and operation, and maintenance contracts. The company continued to deliver excellence in the form of high-quality projects for various clients.

Since our inception, we have placed emphasis on operating while keeping our core values in mind. As we grow and evolve as a company, our core values remain the same and dictate our growth. NTEICO has never rested on its laurels. Staying true to its culture of growth and innovation, the company diversified its portfolio in 2005 when it started the production of Fire Hose Cabinets (FHC) by Red Box-NTEICO in Saudi Arabia. Through continuous study and development of the FHC, NTEICO was soon able to establish its very own FHC manufacturing plant in the country. By 2012, the company had started work on its manufacturing plant across the border, in the United Arab Emirates. This plant now specializes in the production of HVAC products, through the integration of state-of-the-art machinery and innovative processes.

With the help of the best Plasma Cutting, Duct and Roll Forming machines the market has to offer, NTEICO has established clientele all across the Middle East and the Gulf Region. NTEICO Duct Products are well accepted all across the Middle East and Africa.

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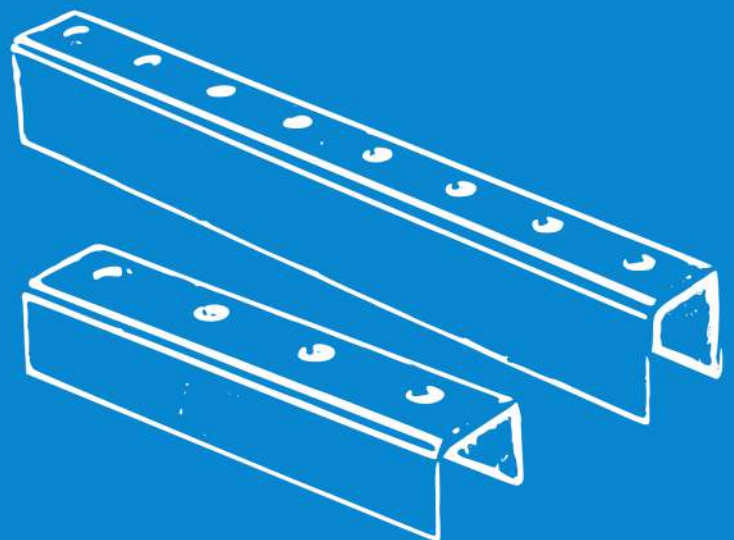
83 BCR-300/400/165 VINIL

84 BCR-900/470/265 EPOXY 21

**C**

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# RAIL SUPPORT SYSTEM





## NT SLOTTED CHANNEL



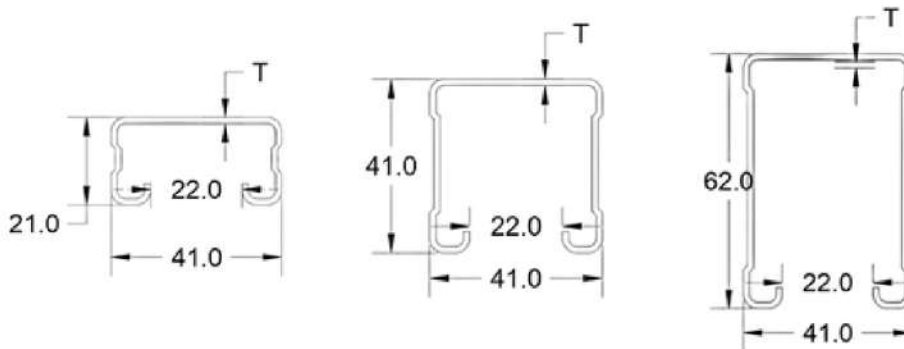
**Material:** Carbon Steel manufactured according to BS 6946:1985

**Channel Sizes:** 41mm x 21mm, 41mm x 41mm, 41mm x 62mm, 41mm x 82 mm

**Length:** 3m, 6m

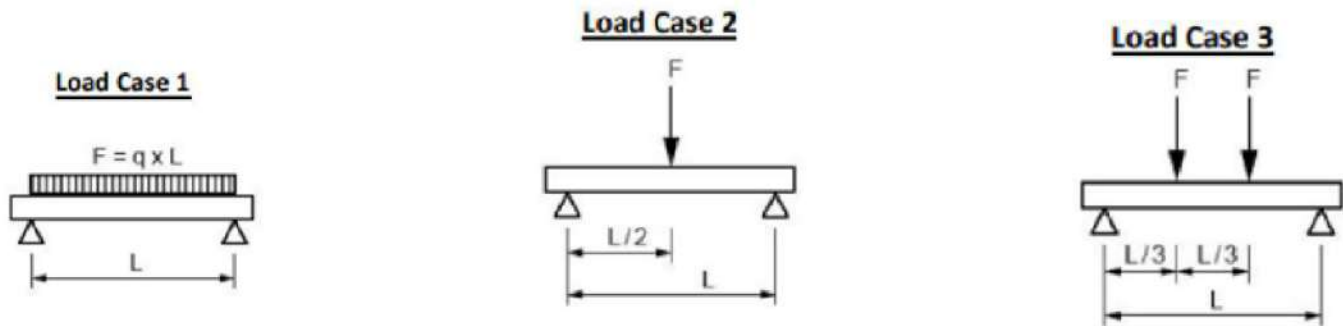
**Thickness:** 1.5mm, 1.8mm, 2.0mm, 2.5mm

**Surface Treatment:** Pre-galvanized as per (ASTM A653M Coating G90 and G 60, Hot Dipped Galvanized (ASTM 123).

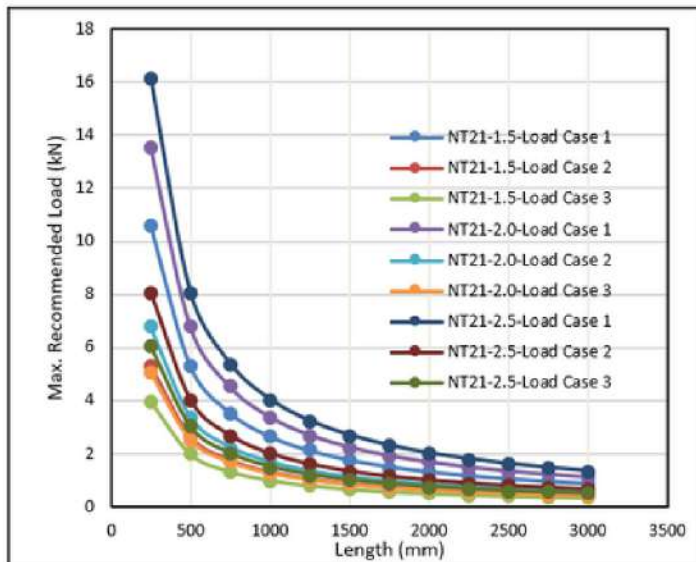


| Model No. | T (mm)        | W (mm) | H (mm) | IW (mm) | Length (m) |
|-----------|---------------|--------|--------|---------|------------|
| NT-21SC   | 1.5, 2.0, 2.5 | 41     | 21     | 22      | 3/6        |
| NT-41SC   | 1.5, 2.0, 2.5 | 41     | 41     | 22      | 3/6        |
| NT-62SC   | 2.0, 2.5      | 41     | 62     | 22      | 3/6        |
| NT-82SC   | 2.0, 2.5      | 41     | 82     | 22      | 3/6        |

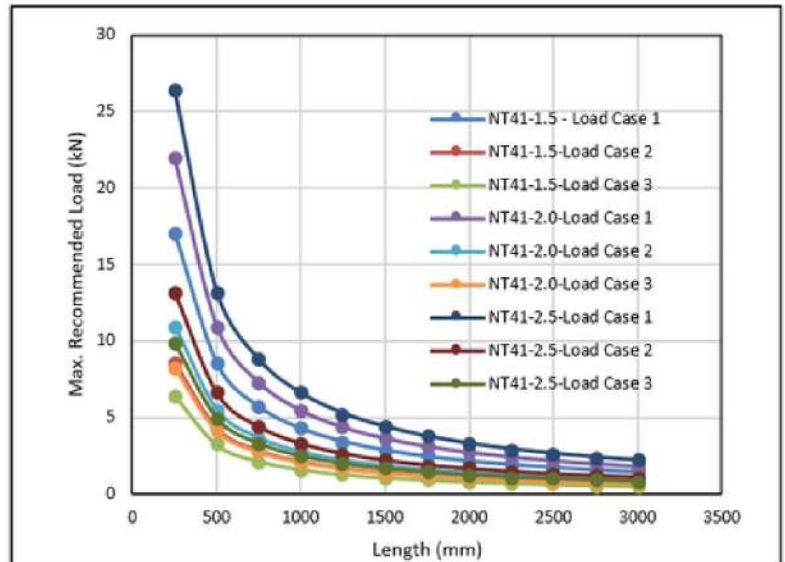
## Load V/S Length Graph



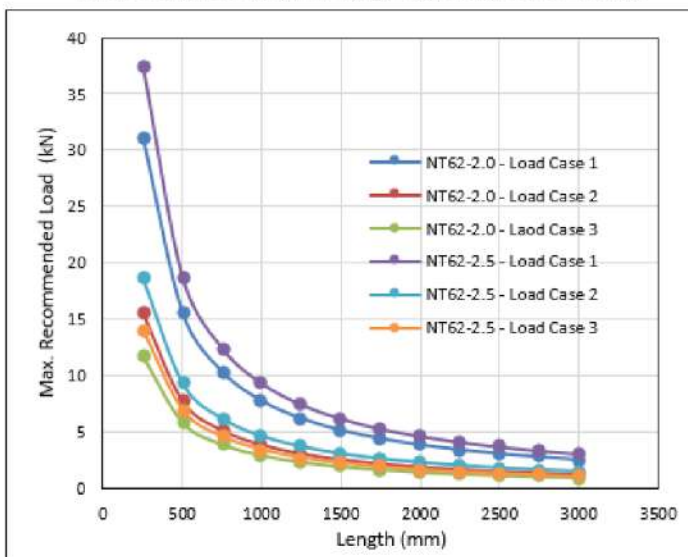
**Chart:** Load v/s channel length curve for NT21 Series



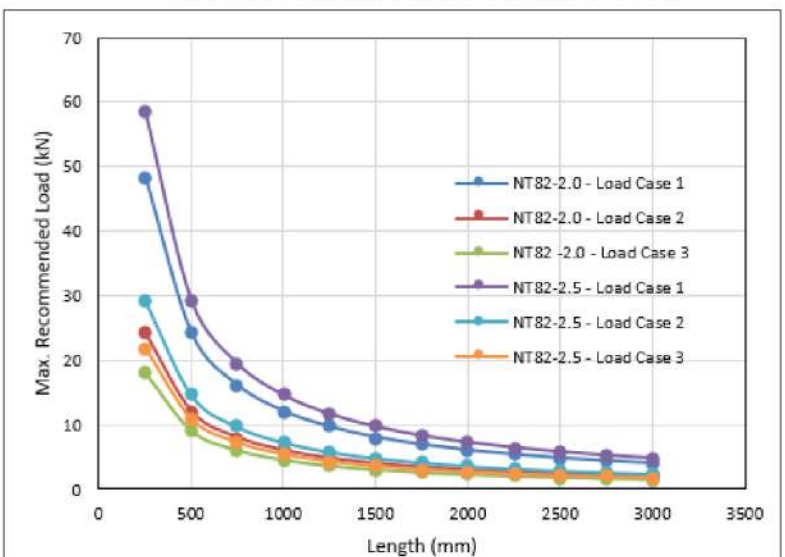
**Chart:** Load v/s channel length curve for NT41 Series



**Chart:** Load v/s channel length curve for NT62 Series



**Chart:** Load v/s channel length curve for 82 Series



Note: For the load curves, the permissible steel stress = 180 N/mm<sup>2</sup> and the maximum deflection under load  $L/200$  are not exceeded. The increased yield strength is calculated according to DIN EN 1993-1-3:2010-12, sec. 3.2.2.

## Technical Details

### NT-21 Channel

| Model No. | Channel Length L (mm) | Moment of Inertia $I_y$ (mm <sup>4</sup> ) | Elastic Section Modulus $S_y$ (mm <sup>3</sup> ) | Max. Recommended Load (kN) |
|-----------|-----------------------|--|--|----------------------------|
| NT-21-1.5 | 1000                  | 38870                                      | 1896   | 2.65                       |
| NT-21-1.5 | 2000                  | 38870                                      | 1896   | 1.33                       |
| NT-21-1.5 | 3000                  | 38870                                      | 1896   | 0.88                       |
| NT-21-2.0 | 1000                  | 49640                                      | 2422   | 3.39                       |
| NT-21-2.0 | 2000                  | 49640                                      | 2422   | 1.70                       |
| NT-21-2.0 | 3000                  | 49640                                      | 2422   | 1.13                       |
| NT-21-2.5 | 1000                  | 59200                                      | 288  | 4.04                       |
| NT-21-2.5 | 2000                  | 59200                                      | 2888   | 2.02                       |
| NT-21-2.5 | 3000                  | 59200                                      | 2887   | 1.35                       |

### NT-41 Channel

| Model No. | Channel Length L (mm) | Moment of Inertia $I_y$ (mm <sup>4</sup> ) | Elastic Section Modulus $S_y$ (mm <sup>3</sup> ) | Max. Recommended Load (kN) |
|-----------|-----------------------|--|--|----------------------------|
| NT-41-1.5 | 1000                  | 62270                                      | 3038   | 4.25                       |
| NT-41-1.5 | 2000                  | 62270                                      | 3038   | 2.13                       |
| NT-41-1.5 | 3000                  | 62270                                      | 3038   | 1.42                       |
| NT-41-2.0 | 1000                  | 80090                                      | 3907   | 5.74                       |
| NT-41-2.0 | 2000                  | 80090                                      | 3907   | 2.73                       |
| NT-41-2.0 | 3000                  | 80090                                      | 3907   | 1.82                       |
| NT-41-2.5 | 1000                  | 96290                                      | 4697   | 6.58                       |
| NT-41-2.5 | 2000                  | 96290                                      | 4697   | 3.29                       |
| NT-41-2.5 | 3000                  | 96290                                      | 4697   | 2.19                       |

### NT-62 Channel

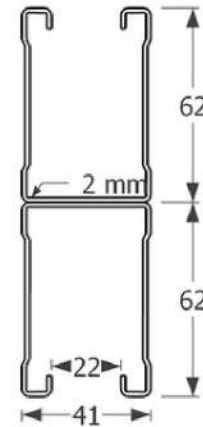
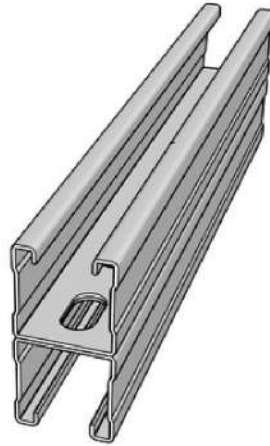
| Model No. | Channel Length L (mm) | Moment of Inertia $I_y$ (mm <sup>4</sup> ) | Elastic Section Modulus $S_y$ (mm <sup>3</sup> ) | Max. Recommended Load (kN) |
|-----------|-----------------------|--|--|----------------------------|
| NT-62-2.0 | 1000                  | 184560                                     | 5567   | 7.79                       |
| NT-62-2.0 | 2000                  | 184560                                     | 5567   | 3.90                       |
| NT-62-2.0 | 3000                  | 184560                                     | 5567   | 2.60                       |
| NT-62-2.5 | 1000                  | 222370                                     | 6683   | 9.37                       |
| NT-62-2.5 | 2000                  | 222370                                     | 6683   | 4.68                       |
| NT-62-2.5 | 3000                  | 222370                                     | 6683   | 3.12                       |

### NT-82 Channel

| Model No. | Channel Length L (mm) | Moment of Inertia $I_y$ (mm <sup>4</sup> ) | Elastic Section Modulus $S_y$ (mm <sup>3</sup> ) | Max. Recommended Load (kN) |
|-----------|-----------------------|--|--|----------------------------|
| NT-82-2.0 | 1000                  | 373330                                     | 8621   | 12.07                      |
| NT-82-2.0 | 2000                  | 373330                                     | 8621   | 6.03                       |
| NT-82-2.0 | 3000                  | 373330                                     | 8621   | 4.02                       |
| NT-82-2.5 | 1000                  | 452680                                     | 10421  | 14.59                      |
| NT-82-2.5 | 2000                  | 452680                                     | 10421  | 7.29                       |
| NT-82-2.5 | 3000                  | 452680                                     | 10421  | 4.86                       |



## NT BACK TO BACK CHANNEL



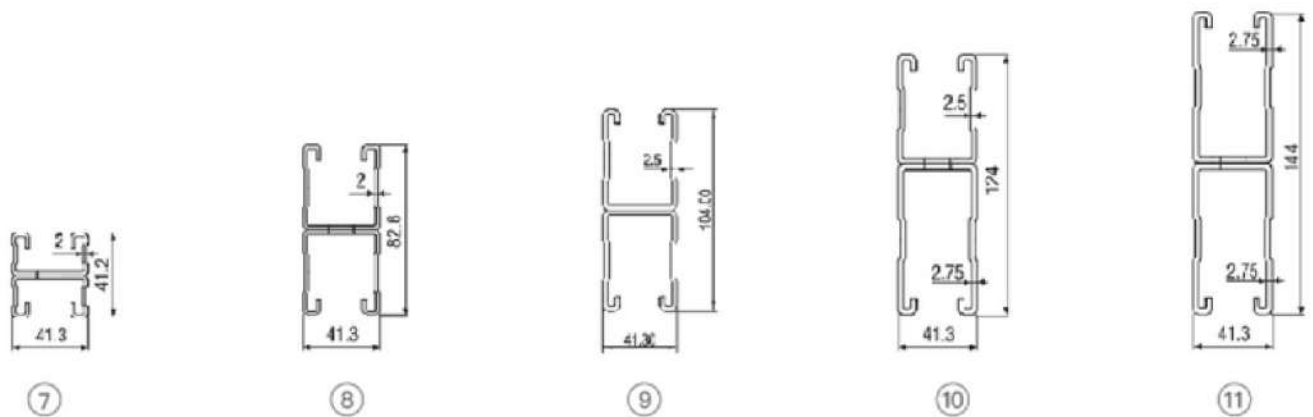
**Material:** Carbon Steel manufactured according to BS 6946:1955

**Channel Sizes:** 41 mm x 21 mm, 41 mm x 41 mm, 41 mm x 62mm

**Length:** 3m, 6m

**Thickness:** 1.5mm, 1.8mm, 2.0mm, 2.5mm.

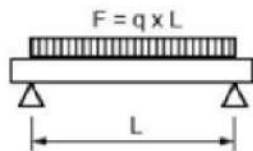
**Surface Treatment:** Pre-galvanized as per (ASTM A653M Coating G90 and G 60, Hot Dipped Galvanized (ASTM 123).



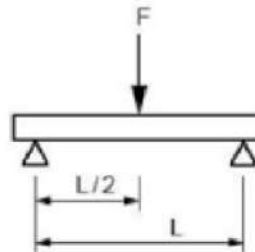
| Variant | Channel Height (mm) | Thickness (mm) | Length (m) |
|---------|---------------------|----------------|------------|
| NT-21D  | 41.2                | 1.5, 2.0, 2.5  | 3/6        |
| NT-41D  | 82.6                | 1.5, 2.0, 2.5  | 3/6        |
| NT-62D  | 124                 | 1.5, 2.0, 2.5  | 3/6        |

## Load V/S Length Graph

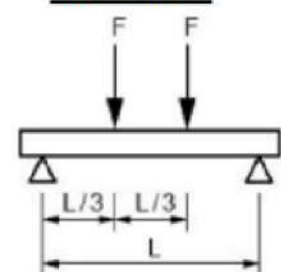
**Load Case 1**



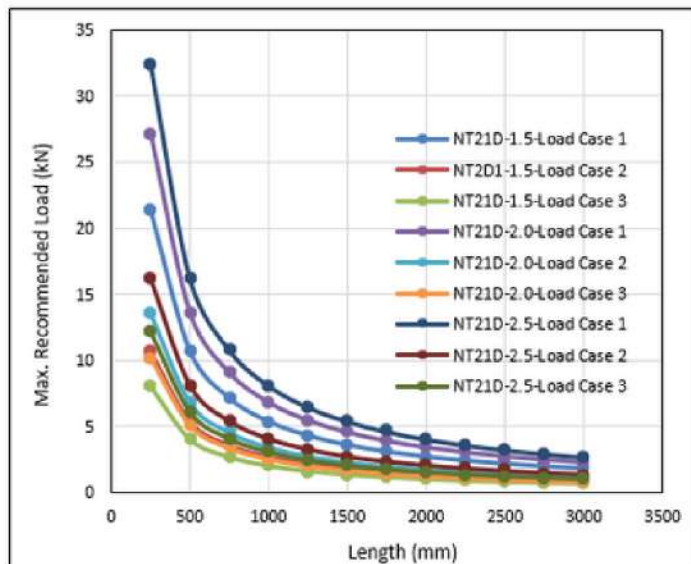
**Load Case 2**



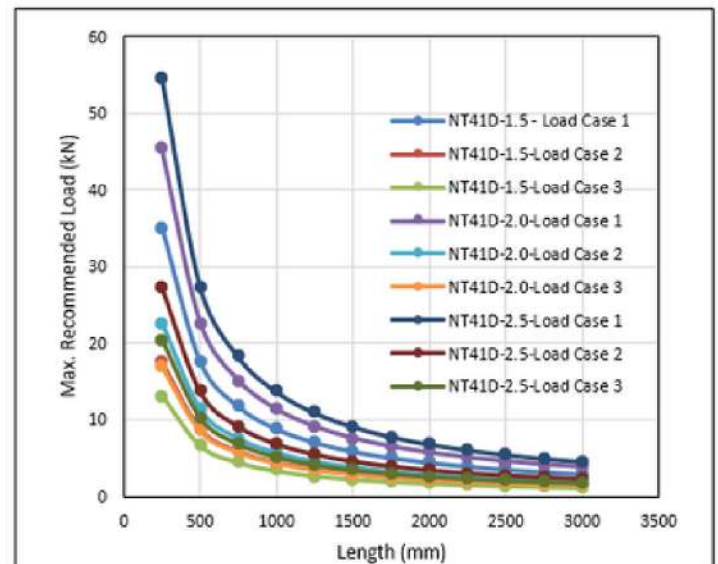
**Load Case 3**



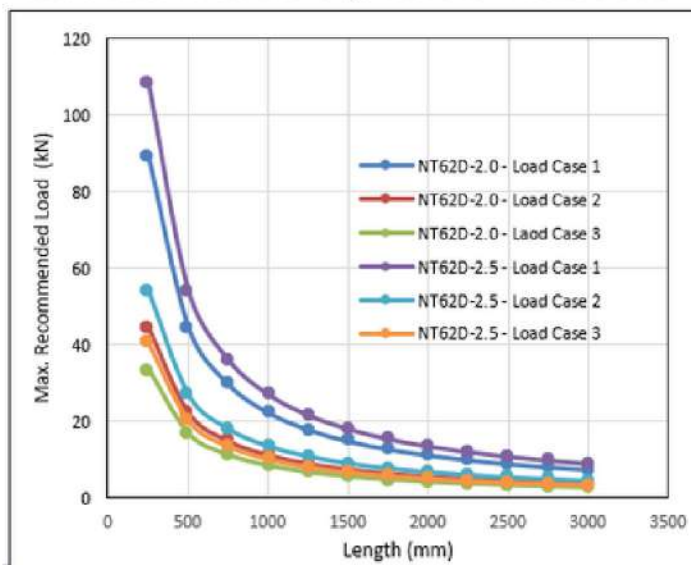
**Chart: Load v/s channel length curve for NT21D Series**



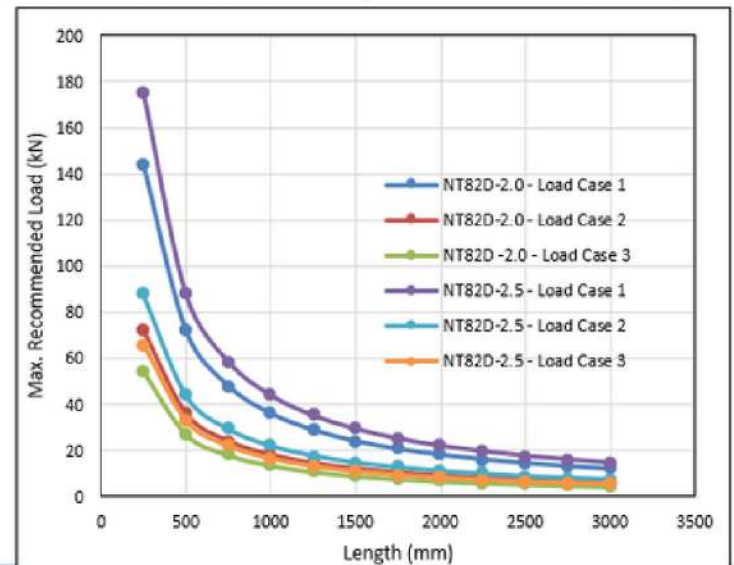
**Chart: Load v/s channel length curve for NT41D Series**



**Chart: Load v/s channel length curve for NT62D Series**



**Chart: Load v/s channel length curve for NT82D Series**



Note: For the load curves, the permissible steel stress = 180 N/mm<sup>2</sup> and the maximum deflection under load  $L/200$  are not exceeded. The increased yield strength is calculated according to DIN EN 1993-1-3:2010-12, sec. 3.2.2.

## Technical Details

NT-21D Channel

| Model No.  | Channel Length L (mm) | Moment of Inertia $I_y$ (mm <sup>4</sup> ) | Elastic Section Modulus $S_y$ (mm <sup>3</sup> ) | Max. Recommended Load (kN) |
|------------|-----------------------|--|--|----------------------------|
| NT-21D-1.5 | 1000                  | 78150                                      | 3812   | 5.34                       |
| NT-21D-1.5 | 2000                  | 78150                                      | 3812   | 2.67                       |
| NT-21D-1.5 | 3000                  | 78150                                      | 3812   | 1.78                       |
| NT-21D-2.0 | 1000                  | 99280                                      | 4843   | 6.78                       |
| NT-21D-2.0 | 2000                  | 99280                                      | 4843   | 3.39                       |
| NT-21D-2.0 | 3000                  | 99280                                      | 4843   | 2.26                       |
| NT-21D-2.5 | 1000                  | 118410                                     | 5775   | 8.09                       |
| NT-21D-2.5 | 2000                  | 118410                                     | 5775   | 4.04                       |
| NT-21D-2.5 | 3000                  | 118410                                     | 5775   | 2.70                       |

NT-41D Channel

| Model No.  | Channel Length L (mm) | Moment of Inertia $I_y$ (mm <sup>4</sup> ) | Elastic Section Modulus $S_y$ (mm <sup>3</sup> ) | Max. Recommended Load (kN) |
|------------|-----------------------|--|--|----------------------------|
| NT-41D-1.5 | 1000                  | 257090                                     | 6270   | 8.78                       |
| NT-41D-1.5 | 2000                  | 257090                                     | 6270   | 4.39                       |
| NT-41D-1.5 | 3000                  | 257090                                     | 6270   | 2.93                       |
| NT-41D-2.0 | 1000                  | 331330                                     | 8081   | 11.31                      |
| NT-41D-2.0 | 2000                  | 331330                                     | 8081   | 5.66                       |
| NT-41D-2.0 | 3000                  | 331330                                     | 8081   | 3.77                       |
| NT-41D-2.5 | 1000                  | 399040                                     | 9733   | 13.63                      |
| NT-41D-2.5 | 2000                  | 399040                                     | 9733   | 6.81                       |
| NT-41D-2.5 | 3000                  | 399040                                     | 9733   | 4.54                       |

NT-62D Channel

| Model No.  | Channel Length L (mm) | Moment of Inertia $I_y$ (mm <sup>4</sup> ) | Elastic Section Modulus $S_y$ (mm <sup>3</sup> ) | Max. Recommended Load (kN) |
|------------|-----------------------|--|--|----------------------------|
| NT-62D-2.0 | 1000                  | 988280                                     | 15940  | 22.32                      |
| NT-62D-2.0 | 2000                  | 988280                                     | 15940  | 11.16                      |
| NT-62D-2.0 | 3000                  | 988280                                     | 15940  | 7.44                       |
| NT-62D-2.5 | 1000                  | 1200540                                    | 19364  | 27.11                      |
| NT-62D-2.5 | 2000                  | 1200540                                    | 19364  | 13.55                      |
| NT-62D-2.5 | 3000                  | 1200540                                    | 19364  | 9.04                       |

NT-82D Channel

| Model No.  | Channel Length L (mm) | Moment of Inertia $I_y$ (mm <sup>4</sup> ) | Elastic Section Modulus $S_y$ (mm <sup>3</sup> ) | Max. Recommended Load (kN) |
|------------|-----------------------|--|--|----------------------------|
| NT-82D-2.0 | 1000                  | 2100270                                    | 25613  | 35.86                      |
| NT-82D-2.0 | 2000                  | 2100270                                    | 25613  | 17.93                      |
| NT-82D-2.0 | 3000                  | 2100270                                    | 25613  | 11.95                      |
| NT-82D-2.5 | 1000                  | 2565020                                    | 31281  | 43.79                      |
| NT-82D-2.5 | 2000                  | 2565020                                    | 31281  | 21.90                      |
| NT-82D-2.5 | 3000                  | 2565020                                    | 31281  | 14.60                      |

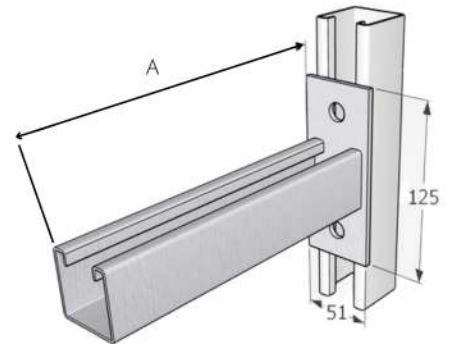


## NT CANTILEVER ARM

**Material:** Carbon or stainless steel.

**Surface:** GI, HDG finish.

**Customization:** Size, length and shape can be customized as per request



| Variant   | A (mm) | Uniform Load Vertical Channel (kg) |
|-----------|--------|------------------------------------|
| NT-CA-150 | 150    | 526                                |
| NT-CA-300 | 300    | 262                                |
| NT-CA-450 | 450    | 175                                |
| NT-CA-600 | 600    | 131                                |
| NT-CA-750 | 750    | 105                                |
| NT-CA-900 | 900    | 88                                 |

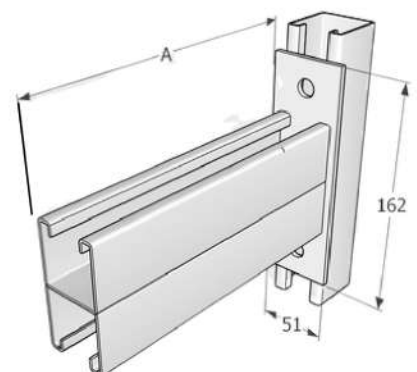


**Material:** Low-carbon steel Q235B or Stainless Steel SS304 (A4).

**Surface:** ZP, GI, HDG, SS2D finish, Epoxy powder Coating.

**Customization:** Size, length and shape can be customized as per request.

| Variant    | A (mm) | Uniform Load Vertical Channel (kg) |
|------------|--------|------------------------------------|
| NT-DCA-300 | 300    | 770                                |
| NT-DCA-450 | 450    | 527                                |
| NT-DCA-600 | 600    | 400                                |
| NT-DCA-750 | 750    | 330                                |
| NT-DCA-900 | 900    | 275                                |



## NT BASE PLATE

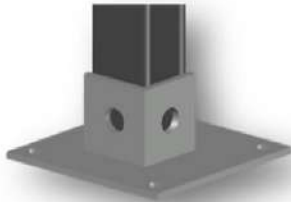
**Std Dimension:** For 41.3mm width series channel fittings

**Std Hole Dia:** 10mm, 12mm, 14mm

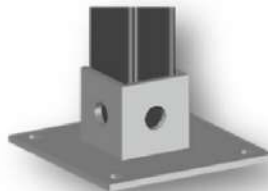
**Std Material:** Carbon Steel SS304/SS316

**Available Finishes:** HDG, Galvanized finish

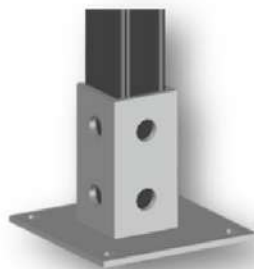
1 HOLE SINGLE ANGLE  
NT-B01



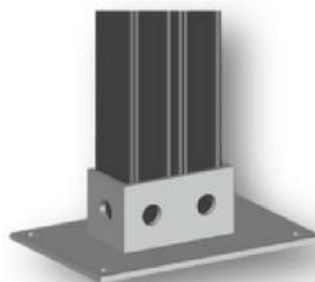
1 HOLE SINGLE CHANNEL  
NT-B02



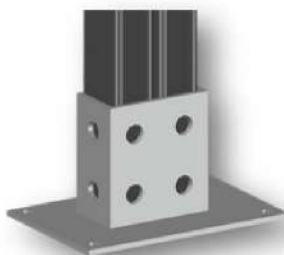
2 HOLE SINGLE CHANNEL  
NT-B03



1 HOLE DOUBLE CHANNEL  
NT-B04



2 HOLE DOUBLE CHANNEL  
NT-B05



2 HOLE SINGLE WING CHANNEL  
NT-B06



2 HOLE DOUBLE WING CHANNEL  
NT-B07



| Model Number | Description                |
|--------------|----------------------------|
| NT-B01       | 1 Hole Single Angle        |
| NT-B02       | 1 Hole Single Channel      |
| NT-B03       | 2 Hole Single Channel      |
| NT-B04       | 1 Hole Double Channel      |
| NT-B05       | 2 Hole Double Channel      |
| NT-B06       | 2 Hole Single Wing Channel |
| NT-B07       | 1 Hole Double Wing Channel |
| NT-C08       | 5 Hole Cross Plate         |
| NT-C09       | 5 Hole Corner Angle Plate  |
| NT-C10       | 3 Hole Diagonal Half plate |
| NT-C11       | 7 Hole diagonal Plate      |

## HEAVY DUTY CHANNEL

**Std Material:** Q235B / SS304 (A2) / SS316 (A4) Carbon and Stainless Steel

**Available Finishes:** HDG, Galvanized finish

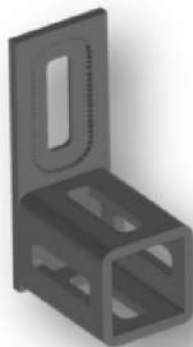


| Variant | Channel Height (mm) | Thickness (mm) | Length (m) |
|---------|---------------------|----------------|------------|
| NT-90   | 90x90               | 3.5            | 3/6        |
| NT120   | 90x120              | 4.0            | 3/6        |

## HEAVY CHANNEL L CONNECTION CROSSBEAM CONNECTORS

**Std Material:** Q235B / SS304 (A2) / SS316 (A4) Carbon and Stainless Steel

**Available Finishes:** HDG, Galvanized finish



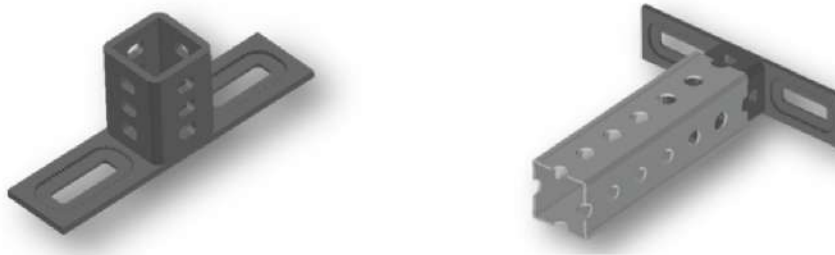
| Variant  | Channel Height (mm) | Thickness (mm) |
|----------|---------------------|----------------|
| NT-90-L  | 90x90               | 6.0            |
| NT-120-L | 90x120              | 6.0            |



## HEAVY CHANNEL U CONNECTION CANTILEVER ARM

**Std Material:** Carbon and Stainless Steel

**Available Finishes:** HDG, Galvanized finish

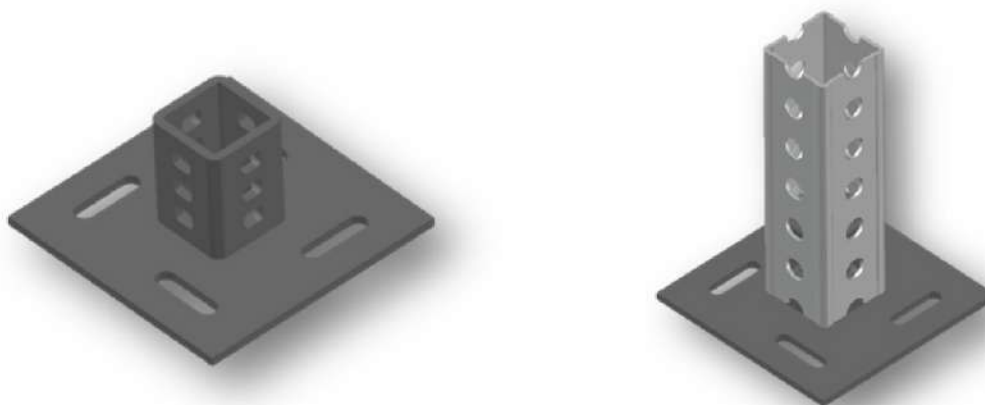


| Variant  | Channel Height (mm) | Thickness (mm) |
|----------|---------------------|----------------|
| NT-90-U  | 90x90               | 6.0            |
| NT-120-U | 90x120              | 6.0            |

## HEAVY CHANNEL BASE PLATE

**Std Material:** Q235B / SS304 (A2) / SS316 (A4) Carbon and Stainless Steel

**Available Finishes:** HDG, Galvanized finish

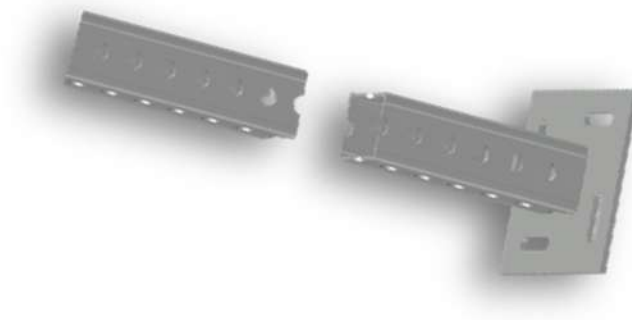


| Variant  | Channel Height (mm) | Thickness (mm) |
|----------|---------------------|----------------|
| NT-90-B  | 90x90               | 6.0            |
| NT-120-B | 90x120              | 6.0            |

## HEAVY CHANNEL CANTILEVER

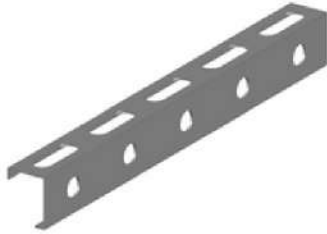
**Std Material:** Carbon and Stainless Steel

**Available Finishes:** HDG, Galvanized finish



| Part No. | Length (mm) |
|----------|-------------|
| NT-90-C  | 500         |
| NT-90-C  | 750         |
| NT-90-C  | 1000        |
| NT-90-C  | 1500        |
| NT-90-C  | 2000        |
| NT-120-C | 500         |
| NT-120-C | 750         |
| NT-120-C | 1000        |
| NT-120-C | 1500        |
| NT-120-C | 2000        |

## NT-LIGHT DUTY PROFILE



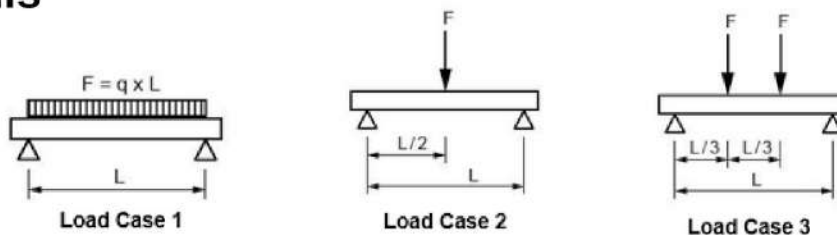
### Product Features

- Material - S275 Steel
- Finish - Pre-Galvanised
- Economical
- Rapid assembly and hence provide simplicity in installation.
- Applications include support for pipes, ducts and cable trays in dry, indoor environments.

### Technical Specifications

| Model No. | Dimensions |             |                | Length (m) |
|-----------|------------|-------------|----------------|------------|
|           | Width (mm) | Height (mm) | Thickness (mm) |            |
| NTLDP2026 | 20         | 26          | 1.2            | 2.0        |

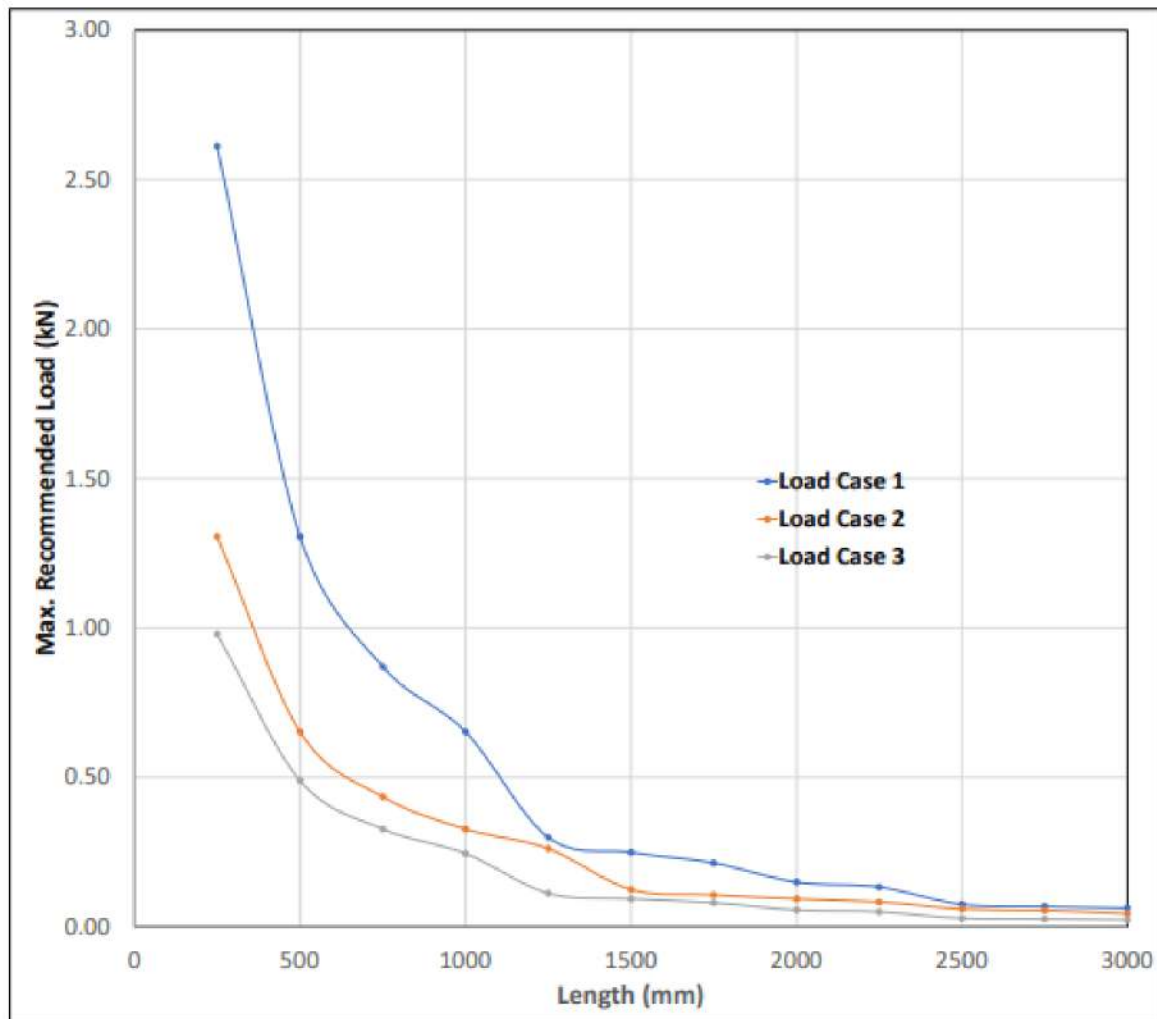
### Load Details



| Sl. No. | Span (mm) | Moment Of inertia $I_y$ (mm <sup>4</sup> ) | Elastic Section Modulus $S_y$ (mm <sup>3</sup> ) | Max. Recommended Load (kN) - Load Case 1 | Max. Recommended Load (kN) - Load Case 2 | Max. Recommended Load (kN) - Load Case 3 |
|---------|-----------|--|--|--|--|--|
| 1       | 250       | 8817.03                                    | 466.267  | 2.61                                     | 1.31                                     | 0.98                                     |
| 2       | 500       | 8817.03                                    | 466.267  | 1.31                                     | 0.65                                     | 0.49                                     |
| 3       | 750       | 8817.03                                    | 466.267  | 0.87                                     | 0.44                                     | 0.33                                     |
| 4       | 1000      | 8817.03                                    | 466.267  | 0.65                                     | 0.33                                     | 0.24                                     |
| 5       | 1250      | 8817.03                                    | 466.267  | 0.30                                     | 0.26                                     | 0.11                                     |
| 6       | 1500      | 8817.03                                    | 466.267  | 0.25                                     | 0.12                                     | 0.09                                     |
| 7       | 1750      | 8817.03                                    | 466.267  | 0.21                                     | 0.11                                     | 0.08                                     |
| 8       | 2000      | 8817.03                                    | 466.267  | 0.15                                     | 0.09                                     | 0.06                                     |

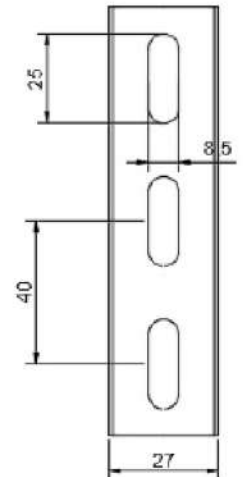
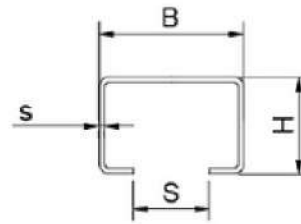


**Load v/s span curve for NT-LDP profile**



Note: For the load curves, the permissible steel stress = 180 N/mm<sup>2</sup> and the maximum deflection under load  $L/200$  are not exceeded. The increased yield strength is calculated according DIN EN 1993-1-3:2010-12, sec. 3.2.2.

## NT-LIGHT DUTY PROFILE



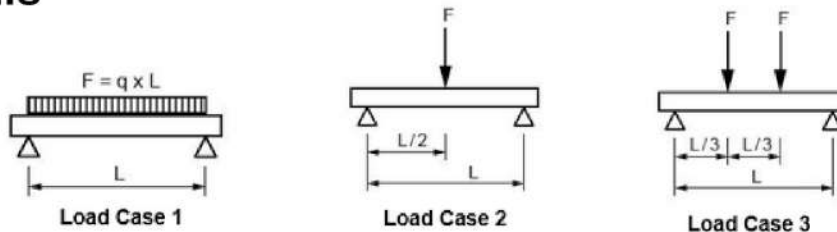
### Product Features

- C-profile
- With continuous slotted design.
- Allows for easy and quick fixing.
- Material – Steel S250
- Finish – Pre-galvanised

### Technical Specifications

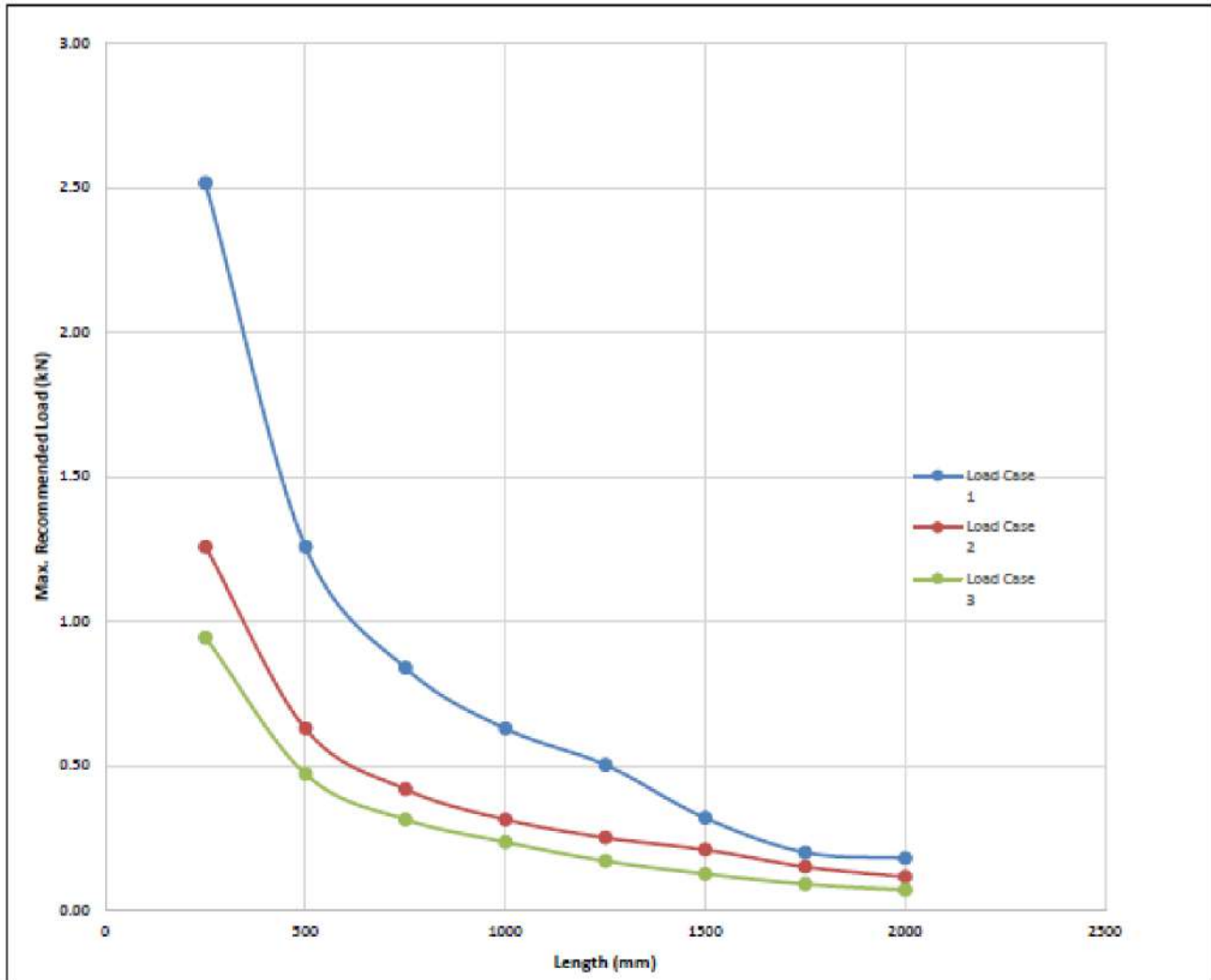
| Model No. | Dimensions |        |        |        | Length (m) |
|-----------|------------|--------|--------|--------|------------|
|           | B (mm)     | H (mm) | s (mm) | S (mm) |            |
| NTLDP2718 | 27         | 18     | 1.2    | 15     | 2.0        |

### Load Details



| Sl. No. | Span (mm) | Moment Of inertia Iy (mm <sup>4</sup> ) | Elastic Section Modulus Sy (mm <sup>3</sup> ) | Max. Recommended Load (kN) - Load Case 1 | Max. Recommended Load (kN) - Load Case 2 | Max. Recommended Load (kN) - Load Case 3 |
|---------|-----------|---|---|--|--|--|
| 1       | 250       | 9796.238                                | 349.379                                       | 2.52                                     | 1.26                                     | 0.94                                     |
| 2       | 500       | 9796.238                                | 349.379                                       | 1.26                                     | 0.63                                     | 0.47                                     |
| 3       | 750       | 9796.238                                | 349.379                                       | 0.84                                     | 0.42                                     | 0.31                                     |
| 4       | 1000      | 9796.238                                | 349.379                                       | 0.63                                     | 0.31                                     | 0.24                                     |
| 5       | 1250      | 9796.238                                | 349.379                                       | 0.50                                     | 0.25                                     | 0.17                                     |
| 6       | 1500      | 9796.238                                | 349.379                                       | 0.32                                     | 0.21                                     | 0.13                                     |
| 7       | 1750      | 9796.238                                | 349.379                                       | 0.20                                     | 0.15                                     | 0.09                                     |
| 8       | 2000      | 9796.238                                | 349.379                                       | 0.18                                     | 0.12                                     | 0.07                                     |

Load v/s span curve for NTLDP2718 profile



Note: For the load curves, the permissible steel stress = 180 N/mm<sup>2</sup> and the maximum deflection under load  $L/200$  are not exceeded. The increased yield strength is calculated according DIN EN 1993-1-3:2010-12, sec. 3.2.2.



## THREADED ROD



**Standard:** ASTM/ASME/BS/DIN / BS EN ISO

**Size:** 2-56 to 2"

**Length:** 1' to 12'

**Threads:** UNC, 8UN, UNF, Metric Coarse & Fine Series

| Part No.   | Size |
|------------|------|
| NT-006-TRI | 6mm  |
| NT-008-TRI | 8mm  |
| NT-010-TRI | 10mm |
| NT-012-TRI | 12mm |
| NT-016-TRI | 16mm |
| NT-018-TRI | 18mm |
| NT-020-TRI | 20mm |
| NT-022-TRI | 22mm |
| NT-024-TRI | 24mm |

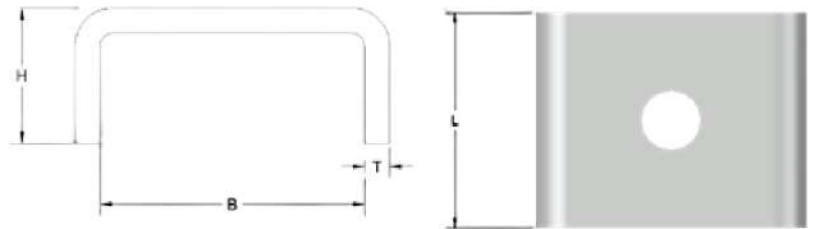
## EYE NUTS

- Stainless Steel options can be provided on request



| Part No.   | Size |
|------------|------|
| NT-306-ENI | 6mm  |
| NT-308-ENI | 8mm  |
| NT-310-ENI | 10mm |
| NT-312-ENI | 12mm |
| NT-316-ENI | 16mm |
| NT-318-ENI | 18mm |
| NT-320-ENI | 20mm |
| NT-322-ENI | 22mm |
| NT-324-ENI | 24mm |

## U WASHERS



### Product Features

- Easy to install and allows subsequent adjustment of the channels

### Technical Specifications

- Electro galvanized as per ASTM B 633 Standards Hot dipped galvanized can be provided on request.

| Part No.   | Size | Inside Diameter (mm) | Outside Diameter (mm) | Thickness (mm) |
|------------|------|----------------------|-----------------------|----------------|
| NT-206-UWI | M6   | 6.4                  | 12                    | 1.6            |
| NT-208-UWI | M8   | 8.4                  | 16                    | 1.6            |
| NT-210-UWI | M10  | 10.5                 | 20                    | 2.0            |
| NT-212-UWI | M12  | 13                   | 24                    | 2.5            |
| NT-216-UWI | M16  | 17                   | 30                    | 3.0            |
| NT-218-UWI | M18  | 19                   | 34                    | 3.0            |
| NT-220-UWI | M20  | 21                   | 37                    | 3.0            |
| NT-222-UWI | M22  | 23                   | 39                    | 3.0            |
| NT-224-UWI | M24  | 25                   | 44                    | 4.0            |

## FLAT WASHERS

### Technical Specifications

- Electro galvanized as per ASTM B 633 Standards Hot dipped galvanized and Stainless Steel options can be provided on request.



| Part No.   | Size | Inside Diameter (mm) | Outside Diameter (mm) | Thickness (mm) |
|------------|------|----------------------|-----------------------|----------------|
| NT-206-FWI | M6   | 6.4                  | 12                    | 1.6            |
| NT-208-FWI | M8   | 8.4                  | 16                    | 1.6            |
| NT-210-FWI | M10  | 10.5                 | 20                    | 2.0            |
| NT-212-FWI | M12  | 13                   | 24                    | 2.5            |
| NT-216-FWI | M16  | 17                   | 30                    | 3.0            |
| NT-218-FWI | M18  | 19                   | 34                    | 3.0            |
| NT-220-FWI | M20  | 21                   | 37                    | 3.0            |
| NT-222-FWI | M22  | 23                   | 39                    | 3.0            |
| NT-224-FWI | M24  | 25                   | 44                    | 4.0            |

## ROD BEAM CLAMP

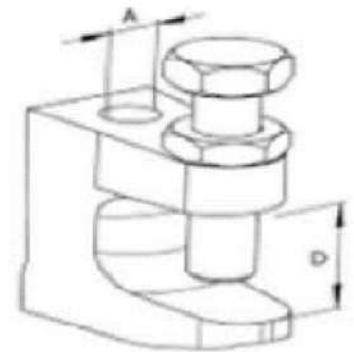


### Product Features

- Easy to install and allows subsequent adjustment of the channels
- Allows fixing without welding and drilling
- High loading capacity

### Technical Specifications

- Material: Ductile cast iron body according to ASTM A536
- Hex bolt according to DIN A307 and nut according to DIN 934 with steel Grade of 4.8/8,8.
- Electro galvanized as per ASTM B 633 Standards
- Hot dipped galvanized can be provided on request.



| Part No.   | Clamping Range<br>D(mm) | Size<br>A(mm) | Max Load Nrecon<br>(kN) | Max Load Ndesign<br>(kN) | Pack Size |
|------------|-------------------------|---------------|-------------------------|--------------------------|-----------|
| NT-M8-RBC  | 0-18                    | M8            | 1.2                     | 1.6                      | 100 pcs   |
| NT-M10-RBC | 0-20                    | M10           | 2.4                     | 1.5                      | 100 pcs   |
| NT-M12-RBC | 0-23                    | M12           | 3.6                     | 5.1                      | 150 pcs   |
| NT-M16-RBC | 0-26                    | M16           | 5.5                     | 7.5                      | 150 pcs   |



## CHANNEL BEAM CLAMP

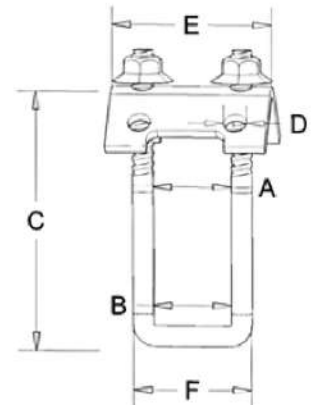


### Product Features

- Easy to install and allows subsequent adjustment of the channels
- Allows fixing without welding and drilling
- High loading capacity

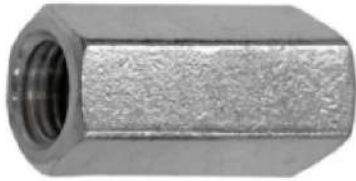
### Technical Specifications

- Material: Ductile cast iron body according to ASTM A536
- Hex bolt according to DIN A307 and nut according to DIN 934 with steel Grade of 4.8/8,8.
- Electro galvanized as per ASTM B 633 Standards
- Hot dipped galvanized can be provided on request.



| Part No.   | A(mm) | B(mm) | C(mm) | D(mm) | E(mm) | F(mm) |
|------------|-------|-------|-------|-------|-------|-------|
| NT-97-CBC  | 39    | 44    | 97    | 11.5  | 79    | 64    |
| NT-137-CBC | 39    | 44    | 137   | 11.5  | 79    | 64    |
| NT-179-CBC | 39    | 44    | 179   | 11.5  | 79    | 64    |

## THREAD ROD CONNECTOR

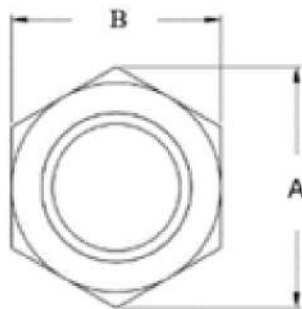


### Construction Features

- Internally threaded nuts that are longer than regular nuts
- This nut is ideal for connecting threaded rods together.

### Product Specifications

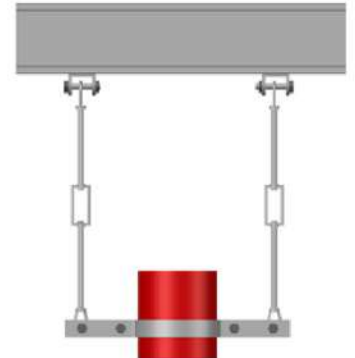
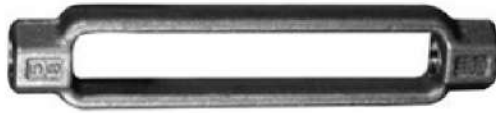
- Material: Carbon Steel
- Size Range: M6 to M20



| Part No   | Size | A(mm) | B(mm) | Length, L(mm) |
|-----------|------|-------|-------|---------------|
| NT-TRC-06 | M6   | 11.1  | 10    | 18            |
| NT-TRC-08 | M8   | 15    | 13    | 24            |
| NT-TRC-10 | M10  | 19.6  | 17    | 30            |
| NT-TRC-12 | M12  | 21.9  | 19    | 36            |
| NT-TRC-16 | M16  | 27.7  | 24    | 48            |
| NT-TRC-20 | M20  | 34.6  | 30    | 60            |

- Measurements are subject to 5% tolerance.
- \*Due to continuous improvement, product specifications are subject to change without prior notice.

## STEEL TURNBUCKLE



### Construction Features

- Can be used for both lifting and lashing.
- It is an essential tool for increasing or decreasing tension when adjustments are needed in a cable or wire.

### Product Specifications

- Materials: Carbon Steel
- Designed to meet MSS SP-58 Type-10
- Electrogalvanized as per ASTM B 633 Standards
- Hot dipped galvanized and stainless-steel options for adverse corrosive (C4 and higher) atmospheric conditions available.



| Part No   | Size (Inches) | B (mm) | C(mm) | WGT Each (kg) | Max Rec | Load(kg) |
|-----------|---------------|--------|-------|---------------|---------|----------|
| NT-TS-010 | 3/8"          | 152    | 178   | 0.19          | 326     | 244      |
| NT-TS-012 | 1/2"          | 152    | 178   | 0.29          | 612     | 458      |
| NT-TS-016 | 5/8"          | 152    | 178   | 0.44          | 979     | 730      |
| NT-TS-020 | 3/4"          | 152    | 203   | 0.68          | 1465    | 1097     |
| NT-TS-022 | 7/8"          | 152    | 203   | 0.86          | 2023    | 1524     |
| NT-TS-025 | 1"            | 152    | 228   | 1.17          | 2676    | 2004     |
| NT-TS-028 | 1 1/8"        | 152    | 228   | 1.90          | 2825    | 2521     |
| NT-TS-032 | 1 1/4"        | 152    | 228   | 2.04          | 4309    | 3238     |
| NT-TS-038 | 1 1/2"        | 152    | 228   | 2.90          | 6259    | 4703     |

- Measurements are subject to 5% tolerance.
- \*Due to continuous improvement, product specifications are subject to change without prior notice.



## CHANNEL NUTS



**Standard:** ASTM/ASME/BS/DIN / BS EN ISO

**Size:** 2-56 to 2"

**Length:** 1' to 12'

**Threads:** UNC, 8UN, UNF, Metric Coarse & Fine Series

| Part No  | Size | Square nut<br>(Length X Thickness) | Spring Nut<br>(L X W) | Spring Length<br>(mm) |
|----------|------|------------------------------------|-----------------------|-----------------------|
| NT-CN-06 | M6   | 35 x 10                            | 34.5 X 19             | 13,33                 |
| NT-CN-08 | M8   | 35 x 10                            | 34.5 X 19             | 13,33                 |
| NT-CN-10 | M10  | 35 x 10                            | 34.5 X 19             | 13,33                 |
| NT-CN-12 | M12  | 35 x 10                            | 34.5 X 19             | 13,33                 |
| NT-CN-14 | M14  | 35 x 10                            | 34.5 X 30             | 13,33                 |
| NT-CN-16 | M16  | 35 x 10                            | 34.5 X 30             | 13,33                 |
| NT-CN-18 | M18  | 35 x 10                            | 34.5 X 30             | 13, 33                |

## SPRING NUTS



**Standard:** ASTM/ASME/BS/DIN / BS EN ISO

**Size:** M3 – M56 | 3/6" TO 2" | Custom Sizes

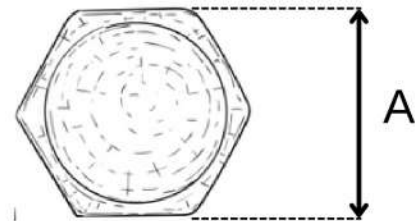
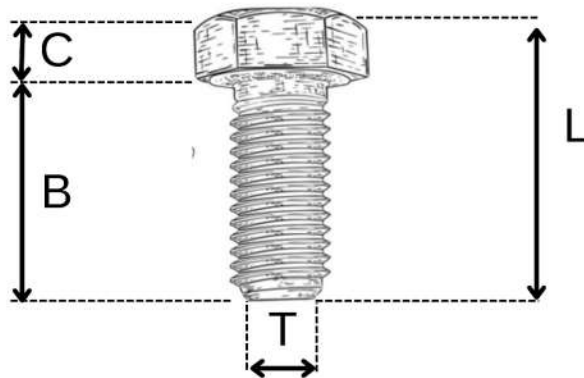
**Threads:** UNC, 8UN, UNF, Metric Coarse & Fine Series

| Part No  | Size | Length<br>(mm) | Width<br>(mm) | Thickness<br>(mm) |
|----------|------|----------------|---------------|-------------------|
| NT-SN-06 | M6   | 34.5           | 19            | 6.0               |
| NT-SN-08 | M8   | 34.5           | 19            | 8.0               |
| NT-SN-10 | M10  | 34.5           | 19            | 9.0               |
| NT-SN-12 | M12  | 34.5           | 19            | 10.5              |
| NT-SN-14 | M14  | 34.5           | 30            | 11                |
| NT-SN-16 | M16  | 34.5           | 30            | 11                |
| NT-SN-18 | M18  | 34.5           | 30            | 11                |

## HEXAGON HEAD BOLT

### Product Specifications

- **Material:** Steel
- **Finish:** Zinc Plating



| Part No. | T   | B(mm) | C(mm) | A(mm) | L  |
|----------|-----|-------|-------|-------|----|
| NT 0630  | M6  | 30    | 4.0   | 10    | 16 |
| NT 0830  | M8  | 30    | 5.3   | 13    | 16 |
| NT 0840  | M8  | 40    | 5.3   | 13    | 22 |
| NT 1025  | M10 | 25    | 6.4   | 17    | 22 |
| NT 1030  | M10 | 30    | 6.4   | 17    | 26 |
| NT 1040  | M10 | 40    | 6.4   | 17    | 26 |
| NT 1225  | M12 | 25    | 7.5   | 19    | 26 |
| NT 1230  | M12 | 30    | 7.5   | 19    | 28 |
| NT 1240  | M12 | 40    | 7.5   | 19    | 28 |
| NT 1430  | M14 | 30    | 8.8   | 22    | 28 |