

**A-1 FENCE**  
Fence & Fence-ability

**HCIS  
CLASS - 1**

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## **CHAINLINK FENCE DATASHEET**

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PROTECTING ASSETS.  
PROTECTING BORDERS.



# HCIS CLASS - 1

## WIRE SPECIFICATION

### FENCE PARAMETER

### DIMENSION

### DESCRIPTION



**CHAINLINK FENCE  
FABRIC**

3.76 mm / 4.88 mm

Tensile Strength

50 mm x 50 mm

2.4 Meter

Fence Top End

Fence Bottom End

Galvanized + Fusion Bonded

Chain Link Fence

350 - 550 MPA

Mesh Size

Height of Fence Fabric

Twisted

Knuckled



**BARB WIRE**

2.5 mm

2.00 mm

125 mm

350-550 MPA

200 Meter

6 Rows

Barb wire diameter

Strand Wire Diameter

Barb pitch

Tensile Strength

Coil Length

No. of Rows



**LINE WIRE**

4.50 / 4.90 mm

350 - 550 MPA

1.0 Rows

Galvanized + Fusion Bonded




Chain Link Fence Wire Diameter

Tensile Strength

No. of Rows

# WIRE SPECIFICATION



FENCE MEMBER	DIMENSION	DESCRIPTION
 <p><b>STIRRUP WIRE</b></p>	3.0 mm / 4.0 mm 350 - 550 Mpa	Galvanized + PVC Coated Tensile Strength
 <p><b>TIE WIRE</b></p>	3.76 / 4.16 mm 350 - 550 MPA	Galvanized + Fusion Bonded Chain Link Fence Wire Diameter Tensile Strength
 <p><b>RAZOR WIRE CONCERTINA</b></p>	600 mm	Coil Diameter
	55 Loops	No of Loops
	3 Rows	No. of Rows of Concertina in Fence
	<b>Tape</b>	
	Long Blade BTO65	Blade Profile
	SS304	Material
	0.50 mm (± 0.05 mm)	Blade thickness
	<b>Core Wire</b>	
	2.50mm (± 0.08mm)	Wire Diameter
	Zinc Coating	Min. 245 GSM
1250 - 1350 MPa	Tensile Strength	
<b>Clips</b>		
3.0 Nos	No of Clips	
GI	Material	

Wire Dimensions and Tolerances in accordance with BS EN 10218-2.

All Wires Except barb Wire are Galvanised in accordance with BS EN 10244-2 Class D.

Barb Wire is galvanised in accordance with BS EN 10244-2 Class A.

Chain Link Wire, Line Wire & Tie wire are Fusion Bonded in accordance with ASTM F 668 Class 2 b in Green RAL 6005. Stirrup wire is PVC Coated Green RAL 6005.

Barb Wire is in Galvanized Finish



# HCIS CLASS -1

## METAL SPECIFICATION

### FENCE MEMBER

### DIMENSION

### DESCRIPTION



**STRAINING  
POST**

114.30 mm  
8.56 mm SCH 80  
3.70 Meter  
  
90 Meter

OD of Pipe  
Thickness of Pipe  
2.70 Mtr Above Ground Level +  
1.0 Mtr Buried  
Place at every 90 Meters Interval  
C/C



**CORNER  
POST**

114.30 mm  
8.56 mm SCH 80  
3.70 Meter

OD of Pipe  
Thickness of Pipe  
2.70 Mtr Above Ground Level +  
1.0 Mtr Buried



**END POST**

114.30 mm  
8.56 mm SCH 80  
3.70 Meter

OD of Pipe  
Thickness of Pipe  
2.70 Mtr Above Ground Level +  
1.0 Mtr Buried



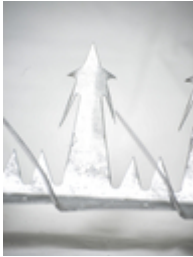
# METAL SPECIFICATION



FENCE MEMBER	DIMENSION	DESCRIPTION
 INTERMEDIATE POST	88.90 mm 7.62 mm SCH 80 3.60 Meter  3.0 Meter	OD of Pipe Thickness of Pipe 2.425 Mtr Above Ground Level + 0.975 Mtr Buried Place at every 3.0 Meters Interval C/C
 HORIZONTAL SUPPORT	60.30 mm 3.91 mm SCH 40 Approx. 2.90 Meter	OD of Pipe Thickness of Pipe Length (Suitable to Post C/C-3.0 Meter)
 TOP RAIL	60.30 mm 3.91 mm SCH 40 6.0 Meter	OD of Pipe Thickness of Pipe Length
BRACE STRUT	60.30 mm 3.91 mm SCH 40 Approx. 2.90 Meter  3.00 Meter	OD of Pipe Thickness of Pipe Length (Suitable to Post C/C-3.0 Meter) Place at every 3.0 Meters Interval C/C (On Every Post)

# METAL SPECIFICATION



FENCE MEMBER	DIMENSION	DESCRIPTION
 STRETCHER BAR	25 x 5 mm 2.70 Meter	Flat Bar Length
 TRUSS ROD	10.0mm 2.97Meter	Rod Diameter Length
 WALL SPIKE	Type 8.00 mm	U Type (Sharktooth) Length Thickness

All Post are Schedule 80 Pipe in accordance with ASTM F1083 Class having Tensile and Yield Strength of 85,000 and 83,000 psi respectively

Rail and Braces are Schedule 40 Pipes in Accordance with ASTM A53 SCH 40

All Post/Metals are Hot Dip Galvanized subsequently PVC Coated in Green RAL 6005.



# HCIS CLASS -1

## ACCESSORIES SPECIFICATION

### FENCE MEMBER

### DIMENSION

### DESCRIPTION



**BRACE  
BANDS**

114.30 mm

Made from 25 mm Flats



**BRACE  
BAND**

88.90 mm

Made from 25 mm Flats



**TENSION  
BAND**

114.30 mm

Made from 25 mm Flats

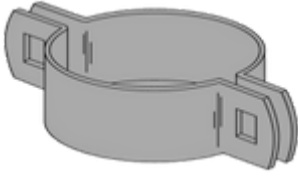
# ACCESSORIES SPECIFICATION



## FENCE MEMBER

## DIMENSION

## DESCRIPTION



**DOUBLE CLAMP**

114.30 mm

Made from 25 mm Flats



**SHORT WINDER**

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Standard



**RAIL END CLAMP**

60.30 mm

Used to fix Horizontal brace.



**TURN BUCKLE**

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Standard



# ACCESSORIES SPECIFICATION



## FENCE MEMBER

## DIMENSION

## DESCRIPTION



HOG RING

2.0 mm

SS304



EYE BOLT

M8 x 100 mm

SS304



HEAVY DUTY  
EXTENSION ARM

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Made from 50 x 5 mm thick  
Equal Angle



LIGHT DUTY  
EXTENSION ARM

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Made from 2.0 mm Pressed  
Steel

# ACCESSORIES SPECIFICATION



## FENCE MEMBER

## DIMENSION

## DESCRIPTION



SLEEVE

60.30 mm

To Connect Top Rail C/ C  
6 Meter



EXPANSION  
SLEEVE  
(SPRING LOADED)

60.30 mm

To Connect Top Rail C/ C  
30 Meter

All Accessories are Hot Dip Galvanized and Subsequently PVC Coated in Green RAL 6005



PROTECTING ASSETS.  
PROTECTING BORDERS.

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