

APPLICATION:

Mechanical Application

- Piping Racks
- Tunnel Pipe Stanchions
- Concrete Inserts
- Beam Attachments
- Pipeline Height Adjustment

Electrical Application

- Pipe & Conduit Supports
- Raceway Systems
- Raceway Systems
- Lighting Fixture Supports
- Cable Tray Supports
- Beam Adjustments

Industrial Application

- Racks and Shelving
- Partitions
- Production Line Supports
- Trolley Systems
- Wall Framing

MATERIAL:

Mild Steel. Also other materials can also be provided on request.

FINISH AVAILABLE:

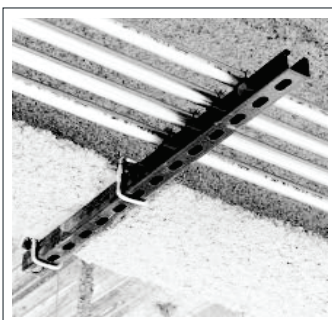
Plain, Electro-Galvanized, Hot dip Galvanized, Pre Galvanized & Zinc Flake.

Product Code	Unit	TGSCHOP412115	TGSCHOP414115	TGSCHOP412120	TGSCHOP414120	TGSCHOP412125	TGSCHOP414125
		41 X 21 X 1.5	41 X 41 X 1.5	41 X 21 X 2.0	41 X 41 X 2.0	41 X 21 X 2.5	41 X 41 X 2.5
Area of Shear	cm ²	0.42	1.02	0.55	1.34	0.67	1.67
Moment of Inertia (xx)	cm	0.7	3.87	0.88	4.59	1.03	5.87
Moment of Inertia (yy)	cm	3.34	5.68	4.25	6.99	5.07	8.76
Min.Section Modulus	cm	0.6	1.76	0.75	2.18	0.89	2.72
Wrapping Constant	cm	17.49	114.17	21.34	138.49	24.34	171.52
Torsional Constant	cm	0.01	0.02	0.02	0.03	0.06	0.07
Allowable Bending Stress	kN/cm ²	21.82	21.82	21.82	21.82	21.82	21.82
Allowable Shrear Stress	kN/cm ²	12.6	12.6	12.6	12.6	12.6	12.6

SLOT SIZE : 12/30, 14/28.

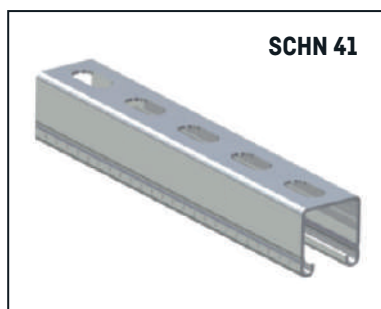
Requested slot size can be manufactured.

APPLICATION EXAMPLES:

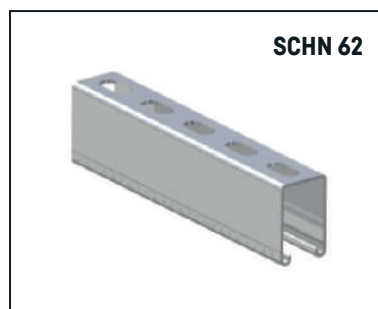




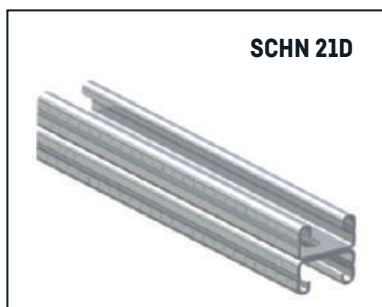
SCHN 21



SCHN 41



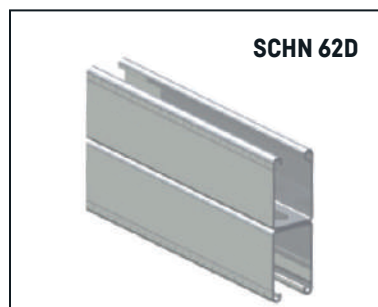
SCHN 62



SCHN 21D



SCHN 41D



SCHN 62D

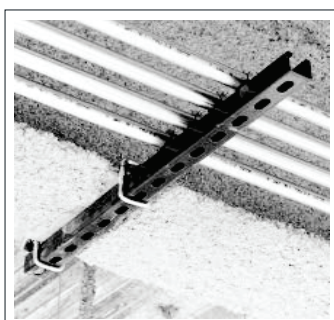
MATERIAL:

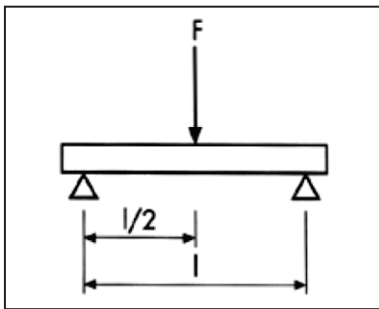
Mild Steel. Also other materials can be provided on request

FINISH AVAILABLE:

Electro-Galvanized, Hot Dip Galvanized & Zinc Flake.

PRODUCT CODE	ITEM	LENGTH L (M)	THICKNESS S (M)
TGSCHP2102002	SCHN 21/2.0 - 2M	2	2.0
TGSCHP2102003	SCHN 21/2.0 - 3M	3	2.0
TGSCHP2102503	SCHN 21/2.5 - 3M	3	2.5
TGSCHP2102506	SCHN 21/2.5 - 6M	6	2.5
TGSCHP4102002	SCHN 41/2.0 - 2M	2	2.0
TGSCHP4102003	SCHN 41/2.0 - 3M	3	2.0
TGSCHP4102006	SCHN 41/2.0 - 6M	6	2.0
TGSCHP4102502	SCHN 41/2.5 - 2M	2	2.5
TGSCHP4102503	SCHN 41/2.5 - 3M	3	2.5
TGSCHP4102506	SCHN 41/2.5 - 6M	6	2.5
TGSCHP6202506	SCHN 62/2.5 - 6M	6	2.5
TGSCHP21D2003	SCHN 21D/2.0 - 3M	3	2.0
TGSCHP41D2506	SCHN 41D/2.5 - 6M	6	2.5
TGSCHP62D2506	SCHN 62D/2.5 - 6M	6	2.5

APPLICATION EXAMPLES:



Item	Weight W (kg/m)	Area A (mm ²)	Moment of inertia I _y (mm ⁴)	Moment of inertia I _z (mm ⁴)	Section modulus W _y (mm ³)	Section modulus W _z (mm ³)	Max recommended static load				
							Length = 5 M Frec (KN)	1 M Frec (KN)	1.5 M Frec (KN)	Length = 2 M Frec (KN)	Length = 3 M Frec (KN)
SCHN 21/2.0	1.44	172	9700	46600	890	2270	1.14	0.49	0.22	0.12	0.05
SCHN 21/2.5	1.67	199	10300	52800	930	2580	1.19	0.52	0.23	0.13	0.06
SCHN 41/2	2.06	252	53300	76900	2580	3750	3.3	1.65	1.10	0.67	0.30
SCHN 41/2.5	2.45	300	60000	89900	285	4380	3.65	1.82	1.22	0.76	0.34
SCHN 62/2.5	3.27	405	177000	129000	5620	6290	7.19	3.60	2.40	1.80	0.99
SCHN 21D/2	2.87	344	54900	93100	2610	4540	3.34	1.67	1.11	0.69	0.31
SCHN 41D/2.5	4.89	600	350100	179000	8760	8780	11.21	5.61	3.74	2.80	1.57
SCHN 62D/2.5	6.55	809	1110000	258000	17900	12580	22.91	11.46	7.64	5.73	3.82