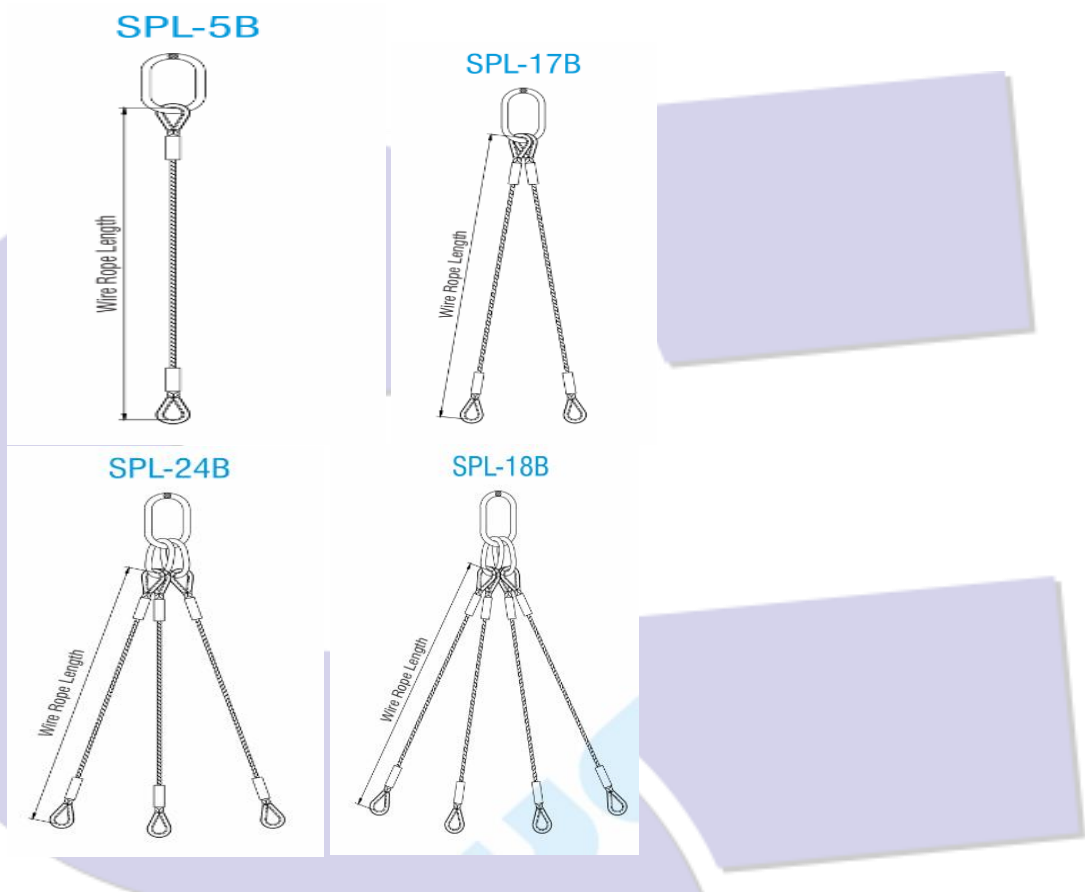




Multi Leg Wire Rope Slings

Combination of Multiple Leg Slings



Leg wire rope sling with master link on top
 Also available: nut bolt bow, round pin bow & screw pin d shackle,

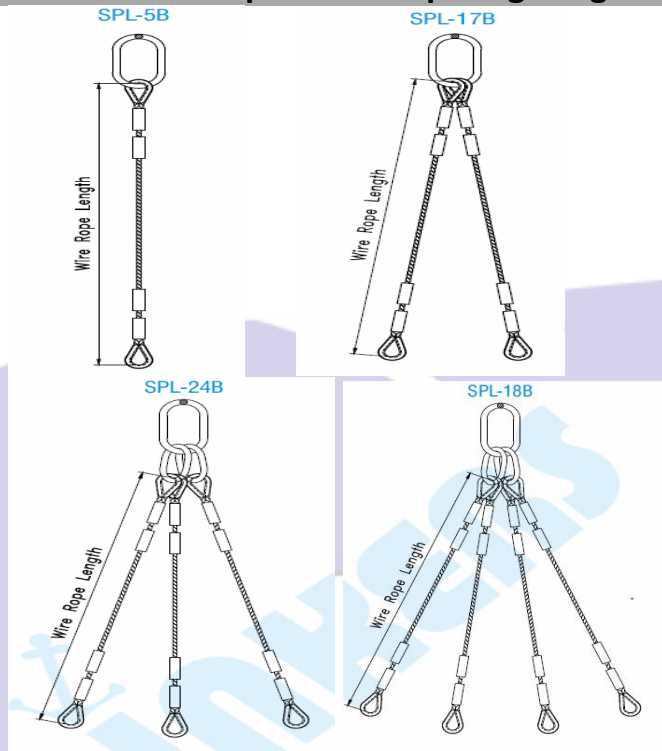
WIRE ROPE SLING CAPACITIES								12	
WIRE ROPE IMPROVED PLOW STEEL - IWRC - 6 X 19, 6 X 36 AND 8 X 36 FITTED WITH TURNBACK TERMINATION									
TENSILE STRENGTH 1770 kN/mm ²									
WIRE ROPE SIZE		Crosby Q&T CARB. SHACKLE MIN. SHACKLE SIZE FOR A D/d > 1 AT LOAD CONNECTION			ANGLE 120°	TWO LEG SLINGS		THREE LEG SLINGS	
MM	MBL (kN)					SHACKLE SIZE	VERTICAL (SINGEL LEG)	CHOKER	B 0° - 45°
8	40.3	3/8	.75	.60		1.05	.75	1.55	1.10
10	63.0	7/16	1.15	.92		1.60	1.15	2.40	1.70
12	90.7	1/2	1.70	1.36		2.30	1.70	3.55	2.50
13	106	5/8	2.00	1.60		2.80	2.00	4.15	3.00
14	124	5/8	2.25	1.80		3.15	2.25	4.80	3.40
16	161	3/4	3.00	2.40		4.20	3.00	6.30	4.50
18	204	7/8	3.70	2.96		5.20	3.70	7.80	5.65
20	252	7/8	4.60	3.68		6.50	4.60	9.80	6.90
22	305	1	5.65	4.52		7.80	5.65	11.80	8.40
24	363	1-1/8	6.70	5.36		9.40	6.70	14.00	10.00
26	426	1-1/8	7.80	6.24		11.00	7.80	16.50	11.50
28	494	1-1/4	9.00	7.20		12.50	9.00	19.00	13.50
32	645	1-3/8	11.80	9.44		16.50	11.80	25.00	17.50
36	817	1-1/2	15.00	12.00		21.00	15.00	31.50	22.50

RATED CAPACITIES (t) BASED ON PIN DIAMETER OR HOOK NO LARGER THAN THE NATURAL EYE WIDTH (1/2 X EYE LENGTH) OR LESS THAN THE NOMINAL SLING DIAMETER. TURNBACK EFFICIENCY : k = 0,9 FLEMISH EYE TERMINATION OFFERS A HIGHER EFFICIENCY

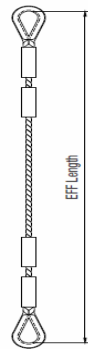
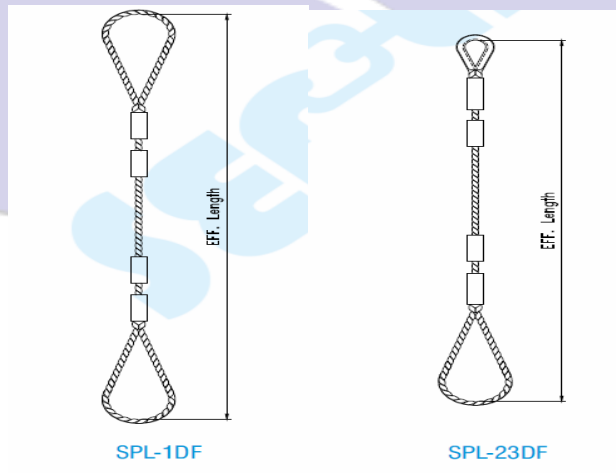
REFER TO prEN 13414-1 FOR FULL DETAILS VERTICAL SLING ANGLES GREATER THAN 60° ARE NOT RECOMMENDED!



Combination of Multiple Wire Rope Leg Slings with Double Ferrule



Double Aluminum Ferrule Wire Rope

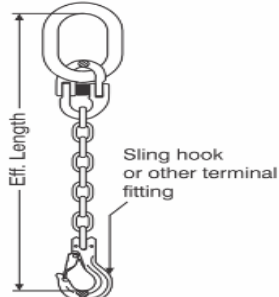


SPL-2DF



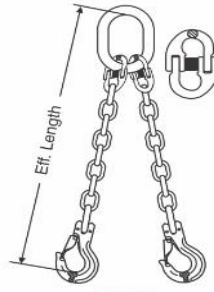
Chain Sling with Shortners

Single chain sling



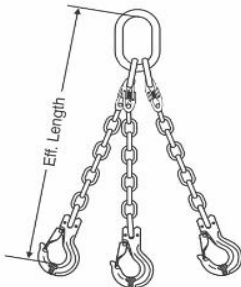
SLC-26

Two leg chain sling



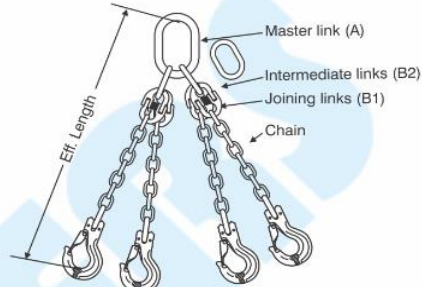
SLC-27

Three leg chain sling

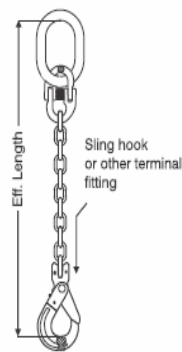


SLC-28

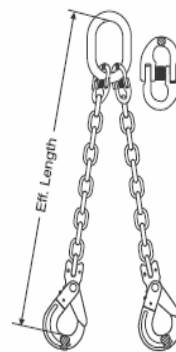
Four leg Sling



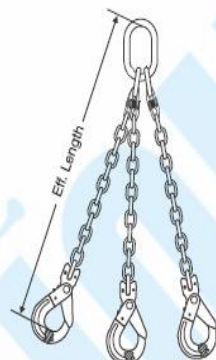
SLC-29



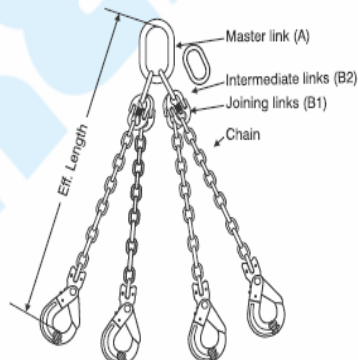
SLC-30



SLC-31



SLC-32

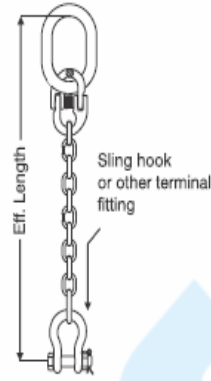


SLC-33

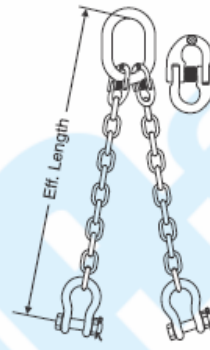


SHRUTHI ENTERPRISE

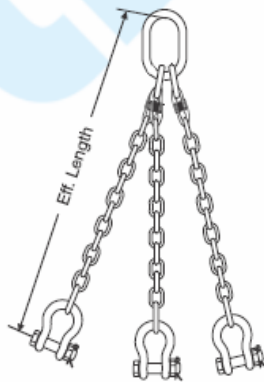
103, SAB Chambers, 1st Floor, Above ICICI Bank, Sanjaynagar Main Road, Bangalore – 560094
Ph: 080-41144568 / 7348825551 / Email: office@seblr.co.in / URL: www.seblr.co.in



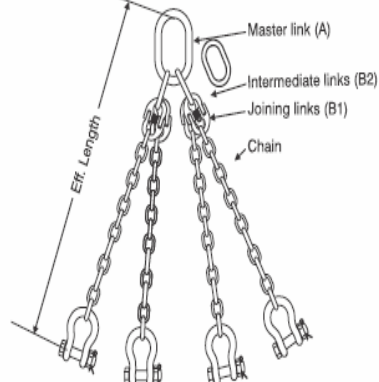
SLC-34



SLC-35

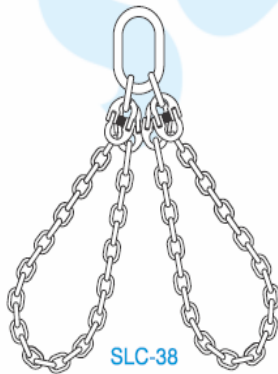


SLC-36

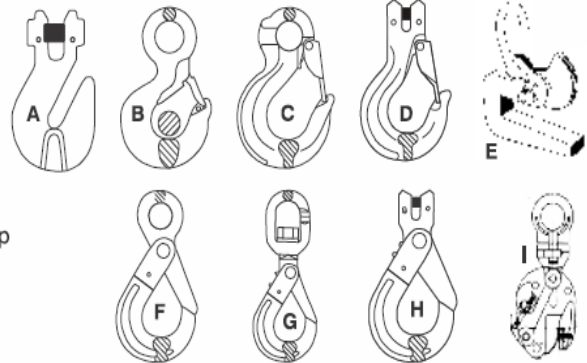


SLC-37

Double loop



- A - Clevis grab hook
- B - Eye hook
- C - Sling eye hook
- D - Clevis sling hook
- E - Horizontal plate lifting clamp
- F - Eye self locking hook
- G - Swivel self locking hook
- H - Clevis self locking hook
- I - Vertical plate lifting clamp

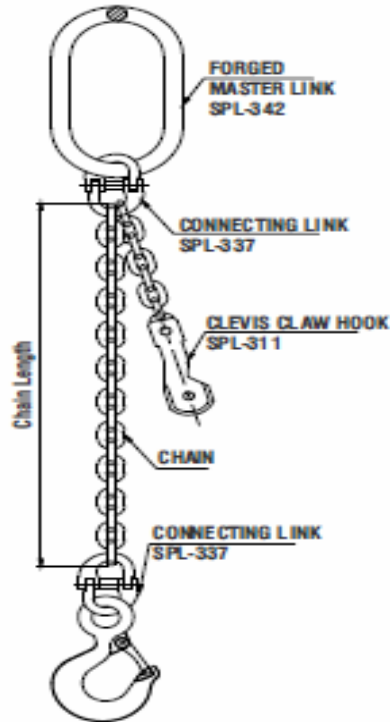


End fitting available in various option as shown above

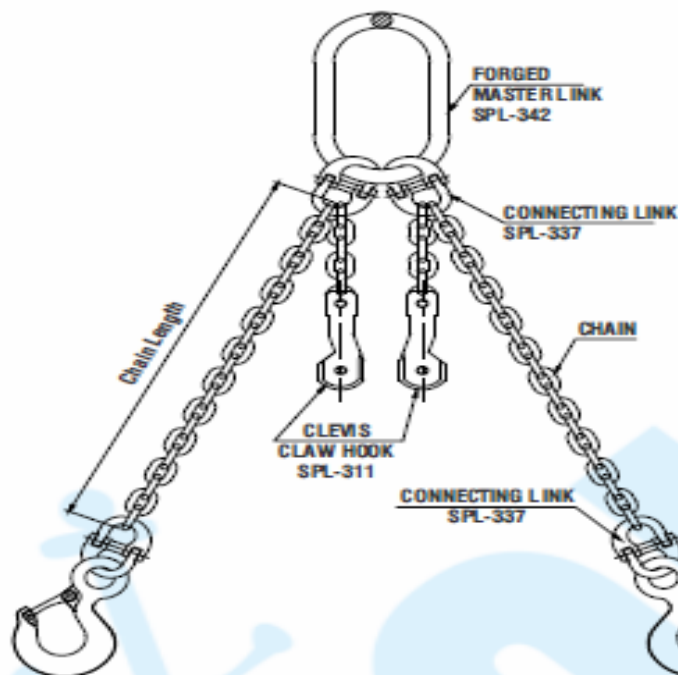


Chain Sling with Shortness

Single Chain Sling SLC-43S

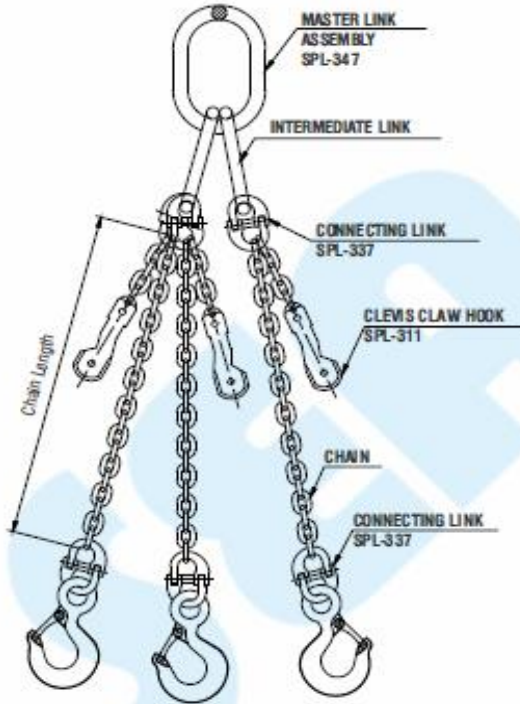


Tow Leg Chain Sling SLC-44S

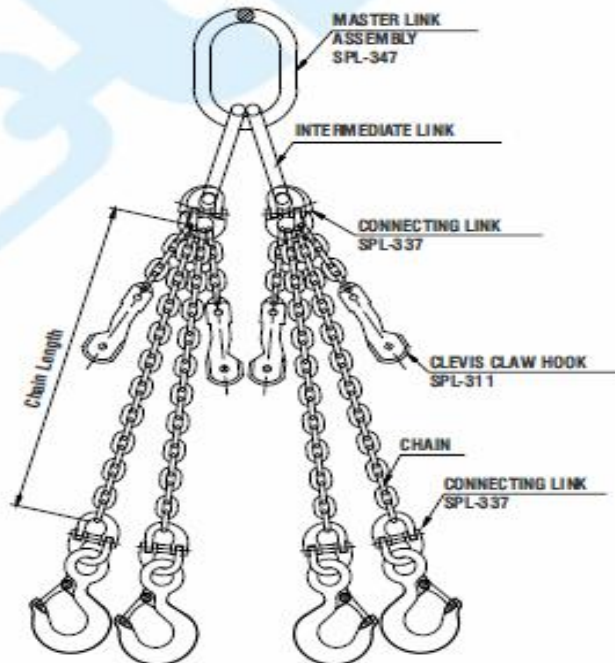




Three Leg Chain Sling SLC-45S



Four Leg Chain Sling SLC-46S





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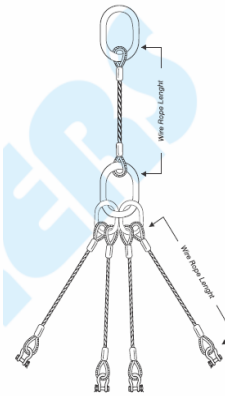
Clevis Grab Hook
SPL - 338



Clevis Claw Hook
with Chain
SPL 311



SPL-22 A



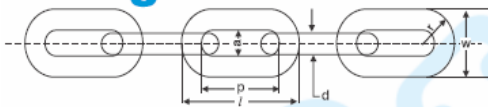
Four leg wire rope sling with master link on top and bow type nut bolt shackle at bottom connected to mother sling (5th leg)

Chain Temperature	Reduction on Working Load Limit
Up to 200 degree C	Nil
200 degree – 300 degree C	10
300 degree – 400 degree C	25

Effects of Temperature on chain Slings

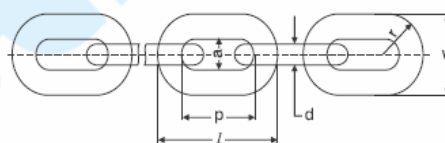
- Slings used at elevated temperatures Sometimes Grade 80 Slings may have to be used in conditions where the chain is subjected to higher temperature.
- The table below gives a general guideline of reduction in working load limit at elevated temperature.
- We do not recommend the use of chain slings above 400 degree C

Long Link Chains



- 1) d = nominal dia of chain
- 2) $p = 4d$
- 3) $w = 3.4d$
- 4) $l = 6d$
- 5) $a = 1.4d$

Short Link Chains



GR80 CHAINS CONFIRM TO IS : 6216/82 (CALIBRATED) & IS : 6215/82 (NON-CALIBRATED)

GR30 CHAINS CONFIRM TO IS : 2429/82 PART 2 (CALIBRATED) & IS : 2429/82 PART 1 (NON-CALIBRATED)

Diameter of Chain d	Grade 1 PL	Grade 2 PL	Approx. mass (27.5m)
mm	KN	KN	Kg
12.5	28.75	41.20	93.5
14	34.78	51.00	117.15
16	47.10	66.20	152.9
17.5	56.35	78.89	182.8
19	66.42	93.60	249.5
20.5	77.33	108.64	275.4
22	89.06	125.40	328.6
24	105.98	149.90	385.0
26	124.38	175.40	449.1
28	144.26	203.80	516.7
30	165.60	234.2	589.4
32	188.42	265.60	664.6
34	212.70	299.90	752.9
36	238.46	336.10	861.2
38	265.70	374.40	957.5

Nominal Size dia.	Outside Link Length 5d to 4.75d	Outside Link width 3.25d to 3.5d Max	Pitch 3d	Capacity				WT /MTR
				GR80		GR30		
d	l	w	p	SWL Tons	MBL Tons	SWL Tons	MBL Tons	Kgs
5	25	18	15	0.80	3.20			0.50
6	30	21	18	1.10	4.40	0.44	1.76	0.83
7.1	35.5	25	21.3	1.60	6.40	0.63	2.52	1.10
8	40	28	24	2.00	8.00	0.80	3.20	1.40
9	45	32	27	2.50	10.00	1.00	4.00	1.80
10	50	35	30	3.20	12.80	1.25	5.00	2.10
11	55	39	33	3.80	15.20	1.50	6.00	3.00
12	60	42	36	4.60	18.40	1.80	7.20	3.10
14	70	49	42	6.30	25.20	2.40	9.60	4.50
16	80	56	48	8.00	32.00	3.20	12.80	5.60
18	90	63	54	10.00	40.00	4.00	16.00	7.50
20	100	70	60	12.50	50.00	5.00	20.00	9.00
22	110	77	66	16.00	64.00	6.00	24.00	11.70
25	125	88	75	20.00	80.00	7.80	31.20	14.00
28	140	98	84	25.00	100.00	9.70	38.80	17.60
32	160	112	96	32.00	128.00	12.70	50.80	23.40
36	180	126	108	40.00	160.00	16.00	64.00	29.00
40	200	140	120	50.00	200.00	19.80	79.20	36.00
45	225	158	135	63.00	252.00	25.00	100.00	45.00

Slings also available in grade 100 on request.

**Important Instructions**

<u>Do's</u>	<u>Dont's</u>
Select correct size of the slings for the load considering the included angle & possibility of unequal loading in case of multileg slings	Leave slings on the floor when not in use. Hang them on hook
Ensure that chain slings are not twisted	Use sling over sharp corners without protective padding
Ensure the load is fully supported in the bowl of the hook, not on the tip	Trap the slings under a load
Avoid snatch or sudden loads	Use slings which are torn, bent, corroded, locked, stretched or damaged
Get your slings inspected by competent person at regular intervals	Knot the chain
Keep register for all slings in use	Heat treat grade 80 slings. This is unnecessary & could be dangerous