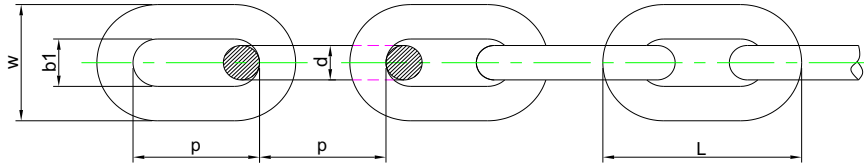


Alloy Steel Chain Gr 80/ T (8), IS: 6215-82, 6216

- High grade alloy steels are chosen carefully.
- Strict control of material quality and processing is carried out by skilled personnel.
- Electronically controlled chain making machines have been specially built and developed to provide advance manufacturing processing.
- Closed dimensional control are carried out at all stages of manufacturing.
- Proof testing is done at 2 time of W.L.L. & Break load at 4.0 time of W.L.L.



Dimensions and Mechanical Properties

Nominal size d (mm)	Diameter tolerance (mm)		Pitch p (mm)	Pitch tolerance (mm)	Outside link length L (mm)		Outside width w(mm)	Outside width w(mm)	Outside width Tolerance(mm)		Working Load limit (Tonnes)	Proof Force (KN)	Minimum Breaking Force (KN)	Approx weight Kg /m
	Non Calibrated	Calibrated			Non Calibrated				Non Calibrated (Max)	Calibrated				
			(Min)	(Max)	Away from weld	At weld								
8	+0.50 - 0.48	+0.16 - 0.48	24 ● 23	±0.46 ● +0.44 - 0.00	38	40	28	● 26 ● 26.5	0.60 -	1.4 ● +0.00 -0.80	2.0	40.3	80.6	1.4
9	+0.5 - 0.54	+0.18 - 0.54	27	±0.52	43	45	32	30	0.68	1.6	2.5	51.0	102.0	1.7
10	+0.50 - 0.60	+0.20 - 0.60	30	±0.58	47	50	35	33	0.75	1.7	3.2	63.0	126.0	2.2
12	+0.50 - 0.72	+0.24 - 0.72	30 ● 33.18	±0.69 ● +0.65 - 0.00	57	60	42	● 39 ● 39.5	0.90 -	2.0 ● +0.00 -1.0	4.6	91.0	182.0	3.2
14	+0.50 - 0.84	+0.28 - 0.84	42	±0.81	66	70	49	46	1.05	2.4	6.3	124.0	248.0	4.2
16	+0.50 - 0.96	+0.32 - 0.96	48	±0.93	76	80	56	52	1.2	2.7	8.0	161.0	322.0	5.7
18	±0.90	±0.90	54	±1.04	85	90	63	59	1.35	3.1	10.0	204.0	408.0	7.3
20	±1.60	±1.00	60	±1.16	95	100	70	65	1.5	3.4	12.5	252.0	504.0	9.0
22	±1.10				104.5	110	77				16.0	310.0	620.0	10.9
25	±1.25				119	125	88				20.0	393.0	786.0	13.4
28	±1.40				133	140	98				25.0	493.0	986.0	17.6
32	±1.60				152	160	112				32.0	644.0	1288.0	23.0
36	±1.80				171	180	126				40.0	815.0	1630.0	29.0

● Equipment Manufacturer's Specification