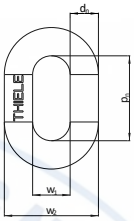
Hoist Chains

Hoist Chains Type T

TWN 0062

The hoist chains TWN 0062 (T type) are used as load chains predominantly in manually operated hoists, e.g. in TM Chain Blocks and TM Lever Blocks. They are also used in motor-driven electric chain hoists that are used as maintenance hoists in wind turbines. The hoist chains are tempered, galvanized and comply with the DIN EN 818-7.





Dimension	Article-No.		Nominal Size		Pitch		Width		Working Load	Weight app.	Measuring Length	
			d_n	Tol. ±	p_n	Tol. ±	w_1 [mm]	w_2 [mm]	Limit		11 x p	Tol. ±
[mm]	bright polished	electro galvanized	[mm]	[mm]	[mm]	[mm]	min.	max.	[t]	[kgs/m]	[mm]	[mm]
4 x 12	–	–	4,0	+0,20 / -0,20	12	+0,15 / -0,10	4,80	13,60	0,50	0,35	132,0	+0,40 / -0,20
4,2 x 12,2 [2]	–	–	4,2	+0,10 / -0,20	12	+0,15 / -0,10	4,80	13,70	0,50	0,39	134,2	+0,40 / -0,20
5 x 15	–	F09016	5,0	+0,20 / -0,20	15	+0,20 / -0,10	6,00	17,00	0,80	0,54	165,0	+0,50 / -0,30
5,3 x 15,2 [2]	–	–	5,3	+0,10 / -0,20	15	+0,20 / -0,10	5,90	16,90	0,80	0,63	167,2	+0,50 / -0,30
6 x 18	–	F09026	6,0	+0,20 / -0,20	18	+0,25 / -0,10	7,20	20,40	1,10	0,79	198,0	+0,60 / -0,30
7 x 21 [1]	F09030	F09031	7,0	+0,10 / -0,28	21	+0,30 / -0,00	8,40	23,40	1,50	1,08	231,0	+0,70 / -0,00
7 x 22	–	F09036	7,0	+0,30 / -0,30	22	+0,30 / -0,15	8,40	23,80	1,50	1,06	242,0	+0,80 / -0,40
7,4 x 21,2	–	–	7,4	+0,10 / -0,30	21	+0,30 / -0,15	8,40	23,80	1,50	1,23	233,2	+1,70 / -0,70
8 x 24	–	F09046	8,0	+0,30 / -0,30	24	+0,30 / -0,15	10,20	27,20	2,00	1,41	264,0	+0,80 / -0,40
9 x 27 [1]	F09050	F09051	9,0	+0,10 / -0,40	27	+0,25 / -0,10	10,80	30,40	2,50	1,79	297,0	+0,70 / -0,30
10 x 30	–	F09056	10,0	+0,40 / -0,40	30	+0,40 / -0,20	12,00	34,00	3,20	2,16	330,0	+1,00 / -0,50
11 x 31 [1] [2]	F09060	F09061	11,0	+0,30 / -0,40	31	+0,30 / -0,15	13,20	36,50	3,80	2,75	341,0	+0,90 / -0,30
13 x 36 [1]	F09065	F09066	13,0	+0,10 / -0,50	36	+0,35 / -0,15	15,20	42,90	5,30	3,87	396,0	+1,10 / -0,20
16 x 45 [1]	F09070	F09071	16,0	+0,30 / -0,60	45	+0,45 / -0,25	18,20	52,80	8,00	5,82	495,0	+1,40 / -0,50
18 x 50	F09075	F09076	18,0	+0,90 / -0,90	50	+0,65 / -0,35	21,60	61,20	10,00	7,40	550,0	+1,75 / -0,85
22 x 66 [1]	F09080	F09081	22,0	+0,80 / -1,10	66	+0,65 / -0,35	27,00	75,00	15,00	10,70	726,0	+2,00 / -0,70
31,5 x 90 [1] [2]	F09085	F09086	31,5	+1,60 / -1,60	90	+1,20 / -0,60	37,80	107,10	31,50	22,40	990,0	+3,20 / -1,60

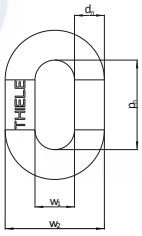
[1] Limited tolerances. Also complies with RAG 726 300. | [2] Similar to DIN EN 818-7

Hoist Chains Type DAT

TWN 0063

The hoist chains TWN 0063 (DAT Type) are used as load chains predominantly in electric chain hoists for universal industrial applications. The hoist chains are case-hardened, galvanized and comply with the DIN EN 818-7.





Dimension	Article-No.		Nominal Size		Pitch		Width		Working Load	Weight app.	Measuring Length	
			d_n	Tol. ±	p_n	Tol. ±	w_1 [mm]	w_2 [mm]	Limit		11 x p	Tol. ±
[mm]	bright polished	electro galvanized	[mm]	[mm]	[mm]	[mm]	min.	max.	[t]	[kgs/m]	[mm]	[mm]
4 x 12	–	F09008	4,0	+0,20 / -0,20	12	+0,15 / -0,10	4,80	13,60	0,40	0,35	132,0	+0,40 / -0,20
4,2 x 12,2 [2]	–	–	4,2	+0,10 / -0,20	12	+0,15 / -0,10	4,80	13,70	0,40	0,39	134,2	+0,40 / -0,20
5 x 15	–	F09018	5,0	+0,20 / -0,20	15	+0,20 / -0,10	6,00	17,00	0,60	0,54	165,0	+0,50 / -0,30
5,3 x 15,2 [2]	–	–	5,3	+0,10 / -0,20	15	+0,20 / -0,10	5,90	16,90	0,60	0,63	167,2	+0,50 / -0,30
6 x 18	–	F09028	6,0	+0,20 / -0,20	18	+0,25 / -0,10	7,20	20,40	0,90	0,79	198,0	+0,60 / -0,30
7 x 21 [1]	–	F09033	7,0	+0,10 / -0,28	21	+0,30 / -0,00	8,40	23,40	1,20	1,08	231,0	+0,70 / -0,00
7 x 22	–	F09038	7,0	+0,30 / -0,30	22	+0,30 / -0,15	8,40	23,80	1,20	1,06	242,0	+0,80 / -0,40
7,4 x 21,2 [2]	–	–	7,4	+0,10 / -0,30	21	+0,30 / -0,15	8,40	23,80	1,20	1,23	233,2	+1,70 / -0,70
8 x 24	–	F09048	8,0	+0,30 / -0,30	24	+0,30 / -0,15	10,20	27,20	1,60	1,41	264,0	+0,80 / -0,40
9 x 27 [1]	–	F09053	9,0	+0,10 / -0,40	27	+0,25 / -0,10	10,80	30,40	2,00	1,79	297,0	+0,70 / -0,30
10 x 30	–	F09058	10,0	+0,40 / -0,40	30	+0,40 / -0,20	12,00	34,00	2,50	2,16	330,0	+1,00 / -0,50
11 x 31 [1] [2]	–	F09063	11,0	+0,30 / -0,40	31	+0,30 / -0,15	13,20	36,50	3,00	2,75	341,0	+0,90 / -0,30
13 x 36 [1]	–	–	13,0	+0,10 / -0,50	36	+0,35 / -0,15	15,20	42,90	4,20	3,87	396,0	+1,10 / -0,20
16 x 45 [1]	–	–	16,0	+0,30 / -0,60	45	+0,45 / -0,25	18,20	52,80	6,30	5,82	495,0	+1,40 / -0,50
18 x 50	–	–	18,0	+0,90 / -0,90	50	+0,65 / -0,35	21,60	61,20	8,00	7,40	550,0	+1,75 / -0,85
22 x 66 [1]	–	–	22,0	+0,80 / -1,10	66	+0,65 / -0,35	27,00	75,00	12,50	10,70	726,0	+2,00 / -0,70
31,5 x 90 [1] [2]	–	–	31,5	+1,60 / -1,60	90	+1,20 / -0,60	37,80	107,10	31,50	22,40	990,0	+3,20 / -1,60

[1] Limited tolerances. Also complies with RAG 726 300. | [2] Similar to DIN EN 818-7

Calibrated Hand Chain

Dimensions	Article-No.	Weight app. [kgs/m]
5 x 25	Z02655*	0,46

**Execution: Electro galvanized*