



THIELE


Conveyor Chains for Farming



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Round Steel Chains for Agricultural Trailers and Dung Spreaders.

Special round steel chains, according to TWN 5100, are mainly used on agricultural trailers, dung spreaders and other agricultural equipments.

Dimension	Article-No.	Operating Force [kN max.]	Proof Force [kN min.]	Breaking Force [kN min.]	Measuring Length (11 x p)			Weight app. [kgs/m]	TWN 5100
					[mm]	zul.	Abw.		
8 x 22,8	F05011	18	45	63	250,8	+1,1	-0,6	1,40	
8 x 24	F05031	18	45	63	264,0	+1,2	-0,6	1,35	
8 x 28	F05062	18	45	63	308,0	+1,4	-0,7	1,30	
8 x 31	F05051	18	45	63	341,0	+1,5	-0,8	1,30	
9 x 27 ¹⁾	F05072	22,4	56	80	297,0	+1,3	-0,7	1,80	
9 x 31 ¹⁾	F05081	22,4	56	80	341,0	+1,5	-0,8	1,60	
9,5 x 27 ¹⁾	F05121	25	63	90	297,0	+1,3	-0,7	1,80	
10 x 26,5 ¹⁾	F05151	28	71	100	291,5	+1,3	-0,7	2,30	
10 x 28	F05155	28	71	100	308,0	+1,4	-0,7	2,30	
10 x 30,5	F05171	28	71	100	335,5	+1,5	-0,8	2,20	
10 x 31	F05181	28	71	100	341,0	+1,5	-0,8	2,20	
10 x 35	F05195	28	71	100	385,0	+1,7	-0,9	2,05	
10 x 38 ¹⁾	F05201	28	71	100	418,0	+1,9	-1,0	2,02	
11 x 31	F05221	33,5	85	120	341,0	+1,5	-0,8	2,70	
11 x 35	F05230	33,5	85	120	385,0	+1,7	-0,9	2,60	
12 x 36	F05251	40	100	140	396,0	+1,8	-0,9	3,20	
12 x 42	F05261	40	100	140	462,0	+2,1	-1,1	2,90	
13 x 36	F05285	47,5	118	190	396,0	+1,8	-0,9	3,80	
13 x 45 ¹⁾	F05291	47,5	118	190	495,0	+2,2	-1,1	3,45	
13,2 x 62 ¹⁾	F05302	47,5	118	190	682,0	+3,1	-1,6	3,10	
14 x 42	F05331	53	132	190	462,0	+2,1	-1,1	4,30	
16 x 56 ¹⁾	F05355	71	180	250	616,0	+2,8	-1,4	5,40	


Special Round Steel Chain in Special Grade

Note: ¹⁾Bright polished finish.

The length tolerance of chain strands for each strand is +0,3 / -0,0 %.

The length tolerance of matched pair chain strand is 0,1%.

For the measurement of the length of matched pair chain strands, each chain strand must be free of torsion and strained or hanged with 1% of the corresponding breaking force.

Dimension	Grade	Article-No.	Breaking Force [kN min.]	Weight app. [kgs/m]	
14x50 ²⁾	1	F13107	194	3,90	
14x50 ²⁾	2	F13101	246	4,00	

Special Chain for Dung Spreaders and Trailers


Note: ²⁾Bright polished finish.



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Dimension	Article-No.	Breaking Force [kN min.]	Weight app. [kgs]	TWN 5200
8x24/8x22,8	F05500 ¹⁾	70	0,066	 <p>Typ VGG</p>  <p>Typ VG</p> <p>Special Connecting Link</p>
8x31/9x31	F05510 ¹⁾	85	0,079	
8x28	–	85	0,079	
9,5x27/10x26	F05531 ¹⁾	90	0,095	
10x28	F05541 ¹⁾	100	0,100	
10x30,5	F05550 ¹⁾	100	0,114	
10x31/11x31	F05550 ¹⁾	100	0,114	
8x31	F05520 ²⁾ (VGG)	85	0,079	
10x31	F05551 ²⁾	100	0,114	
10x35	F05555 ¹⁾	100	0,100	
10x38 ³⁾	F05560 ¹⁾	100	–	
11x35	F05556 ²⁾	100	0,130	
11x35	F05564 ¹⁾	100	0,100	
12x36	F05574 ¹⁾	140	–	
12x42	F05573 ²⁾	140	–	
13x36	F05570 ¹⁾	170	–	
13x45 ³⁾	F05575 ¹⁾	170	0,255	
14x42	F05568 ¹⁾	190	–	

Note: ¹⁾Bright polished finish, ²⁾Electro galvanized finish, ³⁾Upon request.
Min. order quantity: 30 pieces.


Dimension	Article-No.	Breaking Force [kN min.]	Weight app. [kgs]	TWN 0111
14x50	F25006	212	0,675	 <p>Chain Connector as per DIN 22253</p>

Note: With screw M16 x 65 as per DIN 931 ST 8.8 and nut as per DIN 985-1610, suitable for chain as per DIN 22252.







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Dimension	Article-No.	Type	Weight app. [kgs]	TWN 5201
8x24/8x22,8	Z03598	MF8x22,8/24	0,016	 <p>Special Flange</p>
8x31	Z03599	MF8x31	0,045	
9,5x27	Z03600	MF9,5x27	0,046	
10x31	Z03602	MF10x31	0,062	
10x38	Z03603	MF10x38	0,062	

Note: Min. order quantity: 50 pcs.

Dimension	Article-No.	Type	Weight app. [kgs]	TWN 5202
8x24/8x22,8	Z03868	HK 8	0,015	 <p>Special Hammer Head Screw</p>
9,5x27	Z03870	HK 9,5x27	0,022	
10x31	Z03871	HK 1010	0,035	

Note: Min. order quantity: 50 pcs.

Dimension	Article-No.	Type	Weight app. [kgs]	TWN 5204
9x31	Z03584	58 B04	2,90	 <p>Special Drive Pocketwheel</p>

