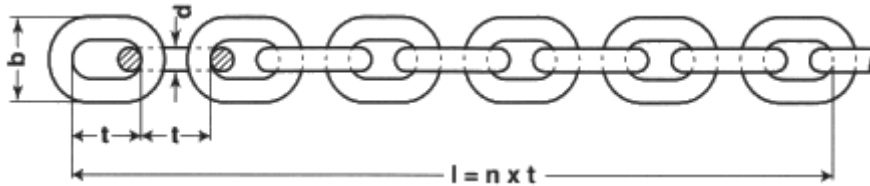


# Round Link Chain Strands

## acc Works Standard

For Scraper Conveyors & Bucket Elevators



Nominal diameter d [mm]	Pitch t [mm]	Outside width b [mm]	N° of links n	Weight per meter Kg	ESW400H09		ESW350H14	
					Proof load kN <sup>2)</sup>	Breaking load kN <sup>2)</sup>	Proof load kN <sup>2)</sup>	Breaking load kN <sup>2)</sup>
8	31	28	323/799/803*	1,3	24	40	-	-
10	38	34	263/519/527*	2,1	38	64	-	-
14	50	47	99/191/395*	4,1	74	124	-	-
16	64	55	79/159/311*	5,1	96	160	84	140
18	64	60	531/547*	6,9	120	200	-	-
19	75	63	71/139/143*	7,7	135	227	117	198
22	86	74	59/63/119*	9,7	182	304	160	266
26	100	87	35/79/83*	13,3	255	425	222	370
30	120	102	19/31/47*	17,5	339	566	297	494
34	136	113	17/35/39*	23,8	425	710	375	635
38	144	127	23/29*	30,0	530	910	480	800
standard strand lengths			other lengths on request					

<sup>2)</sup> ± 10% Tolerance, depending on batches

Nominal diameter d [mm]	Pitch t [mm]	Outside width b [mm]	N° of links n	Weight per meter kg	ESW370H09	
					Proof load kN <sup>2)</sup>	Breaking load kN <sup>2)</sup>
10	38	34		2,0	35	58
14	50	47		4,0	68	114
16	64	54		5,1	89	149
18	84	59		6,7	113	178
19	75	60		7,5	126	210
22	86	74	acc.	9,5	169	281
26	92	85	application	13,7	236	393
26	100	87	standard	13,3	236	393
30	120	101		17,5	314	523
34	136	113		22,5	403	672
34	126	110		22,7	403	672
	Other dimensions	on request				

<sup>2)</sup> ± 10% Tolerance, depending on batches

# Round Link Chain Strands acc Works Standards

## Technical Properties

ESW-Qualities	ESW400H09	ESW350H14	ESW370H09
Proof strength [N/mm <sup>2</sup> ]	240	210	220
Breaking strength [N/mm <sup>2</sup> ]	400	350	370
Surface hardness HV30 in the joint	800 <sup>1)</sup>	800 <sup>1)</sup>	800 <sup>1)</sup>
Carburizing depth HTE ± 0,01 d	0,09d	0,14d	0,09d
Hardening depth EHT at min 550 HV	0,05d	0,09d	0,03d-0,05d

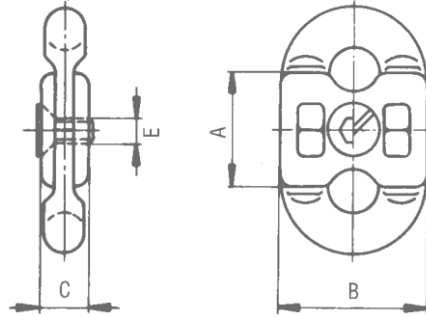
<sup>1)</sup> ± 5%

Highly wear resistant elevator and conveyor chain, produced acc. works standard  
Made of structural alloy steel with high percentage purity, fine grained and age resistant  
out of Cr , CrNi or CrNiMo (super refined chain steel acc. DIN 17115)  
Calibrated and bundled in matched pairs for application in bucket elevators and scraper conveyors  
Surface hardness more than 800 HV measured 0,25 mm below the surface  
Carburizing depth HTE between 9% and 14% of link diameter  
Hardening depth EHT more than 550 HV at 4% to 9% of link diameter

# Round Link Chain Strands acc Works Standard

Connecting Links

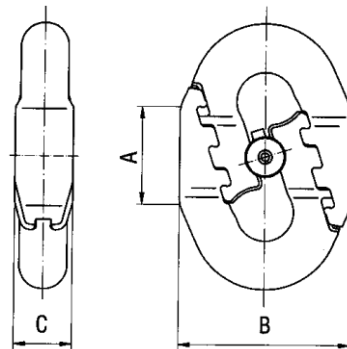
## TYPE RS



Chain d x t	Dimensions [mm]				Weight/pc. kg
	A	B	C	E	
8 x 31	22	29	10	M5	0,05
10 x 38	27	35	12	M6	0,10
14 x 50	38	48	17	M8	0,25
14 x 64	38	48	17	M8	0,30
16 x 64	43	56	18,5	M10	0,50
19 x 75	51	66,5	23	M12	0,8

Technical properties corresponds to ESW-chain types

## TYPE FL



Chain d x t	Dimensions [mm]			Weight/pc. kg
	A	B	C	
22 x 86	65	30	5	7
26 x 100	75	30	5	8
30 x 120	75	30	5	8
34 x 136	95	40	6	17
38 x 144	95	40	6	17

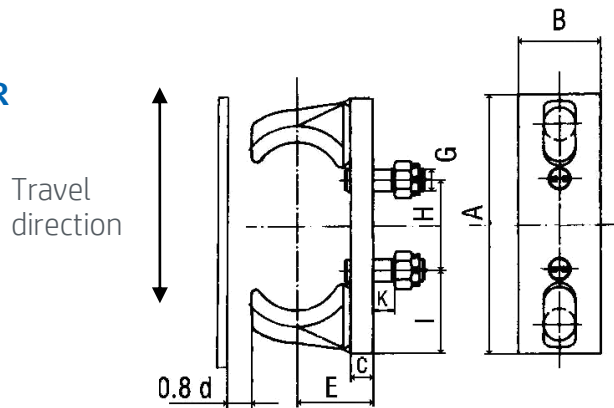
Technical properties corresponds to ESW-chain types

# Round Link Chain Strands

## acc Works Standard

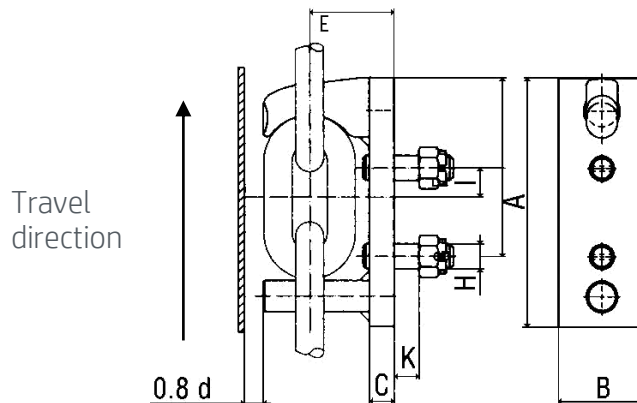
Scraper Attachments

### TYPE SSR



Chain	Dimensions [mm]									Weight/pair
d x t	A	B	C	E	H	G	I	J	K	kg
8 x 31	67	20	8	24	46	M8	10,5	8		0,15
10 x 38	82	24	10	30	58	M10	12	10		0,3
14 x 50	117	40	12	38	45	M12	36	12		1,0
16 x 64	150	50	15	48	52	M16	49	15		1,5
19 x 75	175	60	20	58	65	M20	55	20		2,5
22 x 86	200	70	20	68	71	M20	64,5	20		3,5
26 x 100	235	80	20	72	85	M20	75	20		5,0
30 x 120	280	90	25	85	98	M24	91	25		7,0
34 x 136	320	100	30	98	110	M27	105	30		11,5







### TYPE SS



Chain	Dimensions [mm]									Weight/pair
D x t	A	B	C	E	F	H	G	I	K	kg
14 x 50	117	40	12	38	18	45	M12	40	12	0,7
16 x 64	150	50	15	48	20	52	M16	52	15	1,5
19 x 75	175	60	20	58	24	65	M20	62,5	20	2,5
22 x 86	200	70	20	68	23	71	M20	72,5	20	3,4
26 x 100	235	80	20	72	28	85	M20	85	20	4,8
30 x 120	280	90	25	85	36	98	M24	100	24	7,5
34 x 136	320	100	30	98	42	110	M27	115	30	11,5

# Round Link Chain

## Wheels

	In one part	Multiple part	Cast iron hub	Steel hub	Hardened	Not Hardened
<b>Sprocket Wheels</b>			-	X	X	X
<b>Pocket Wheels</b>			-	X	X	-
<b>Grooved Wheels</b>			X	X	X	X
		Flanged or not Flanged				
<b>Un Grooved Wheels</b>			-	X	X	-
		Flanged or not Flanged				