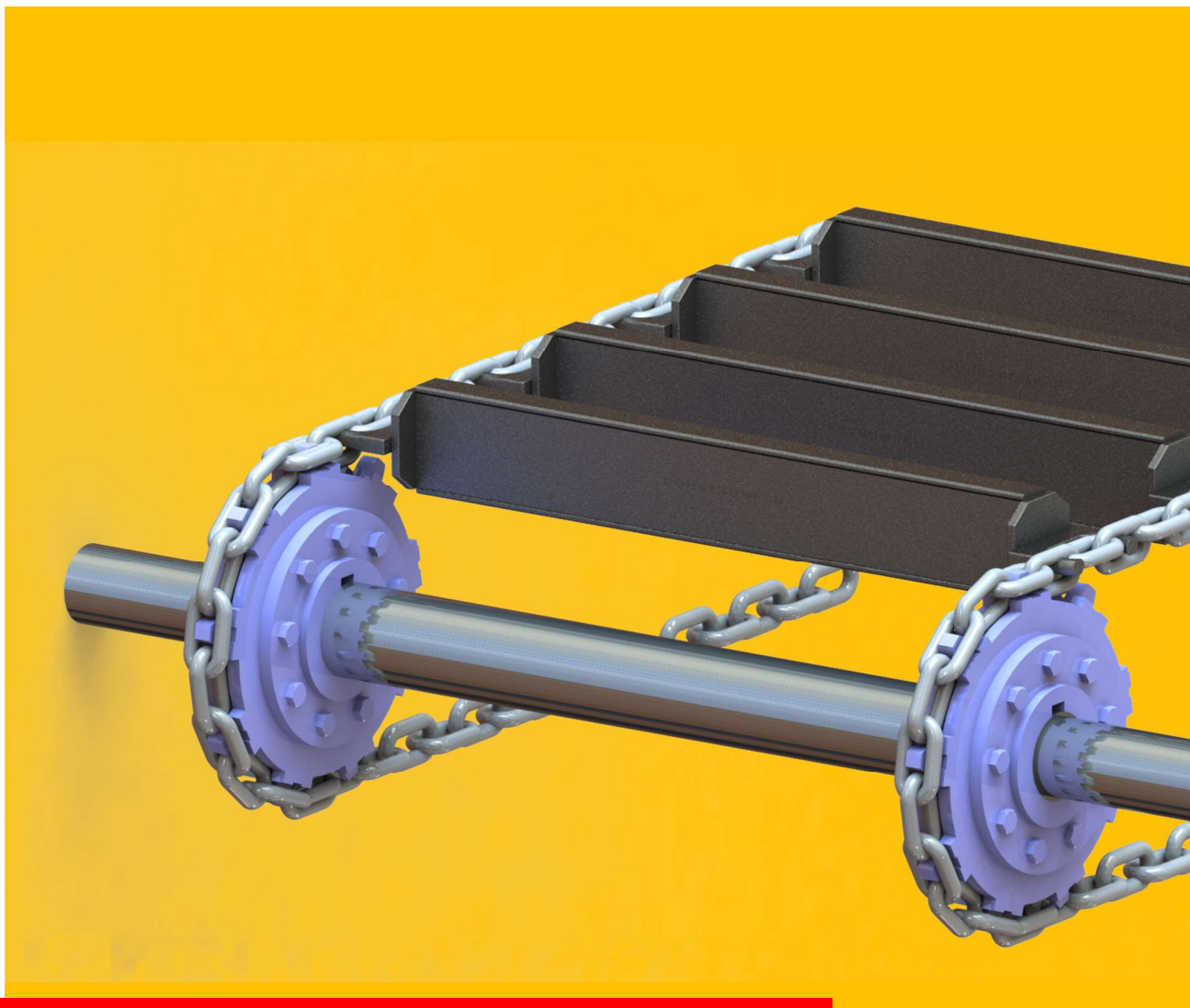




Components For Elevator & Conveyor (ROUNDLINK)



GLOBAL EXCELENCE IN MATERIAL HANDLING SOLUTION



Constromech ROUNDLINK CHAIN

Constromech Round link chains are made from fine – grained, non – ageing special CrNi-, CrNiMo-, MnCr - alloyed steel. By ensuring optimum heat treatment Constromech maintain high quality standards.

The chains are manufactured with very close production tolerance to ensure a smooth, parallel run over the sprockets. All round steel chains and components are matched regarding to strength and uniform hardness, to minimize the wear and provide the greatest possible wear life and maximum chain life, to guarantee a long-lasting chain system.

Extensive range of Constromech chains up to 38 mm, chain couplings, chain sprockets, guide wheels, flight bars with flight attachments provide the optimum design for scraper conveyors in the bulk industry.

Constromech Round link Chain Means:

- **High Breaking Load**
- **Excellent Heat Treatment**
- **Maintained/uniform Hardness**
- **Perfect Dimension**

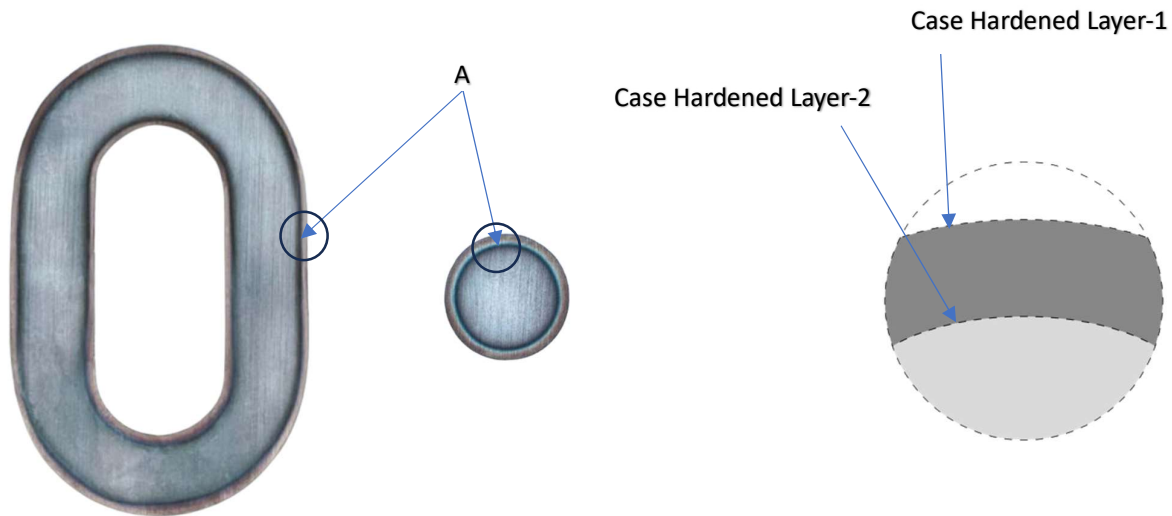


Fig.: Cross-Section of Link by Two Plane

<u>DESCRIPTION</u>	<u>UNIT</u>	<u>MATERIAL GRADE-A</u>	<u>MATERIAL GRADE-B</u>	<u>MATERIAL GRADE-C</u>
<u>HEAT TREATMENT</u>	<u>-</u>	<u>Normalised</u>	<u>Normalised</u>	<u>Quenched & tempered</u>
<u>TENSILE STRENGTH</u>	<u>N/MM²</u>	<u>300-490</u>	<u>490-690</u>	<u>Min. 690</u>
<u>YEILD STRESS</u>	<u>N/MM²</u>	<u>-</u>	<u>295</u>	<u>410</u>
<u>ELONGATION</u>	<u>% (min)</u>	<u>25</u>	<u>22</u>	<u>17</u>
<u>HARDNESS</u>	<u>HV</u>	<u>800</u>	<u>800</u>	<u>800</u>
<u>CASE DEPTH</u>	<u>mm</u>	<u>0.07xd (chain Dia)</u>	<u>0.09xd (chain Dia)</u>	<u>0.1xd (chain Dia)</u>
<u>TOLERANCE</u>	<u>mm</u>	<u>0.1mm</u>	<u>0.15mm</u>	<u>0.2mm</u>



CMECH-1.1 BUCKET ELEVATOR CHAIN

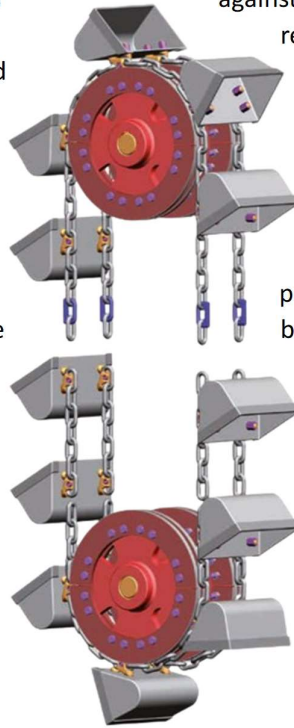
We Manufacture Surface Hardened Chains for Bucket elevators used in Cement Plant / Power Plants / Fertilizer Plants for all types of material handling.

Due to Constant abrasion of these chain links material which is being handled in the ash essential, to give a reasonable service life and

To meet these requirements, we have technical teams for mechanical and outcome.

CHAIN & SHACKLE are manufactured in induction hardened by specially developed make them softer are threaded with accurate required distance plate which is closely spring washer and carbon steel hexagonal tensile bolt matching nuts with spring

WHEELS we also manufacture chain segmented wheels for use as Drive and tail not as Chain. To avoid chain life failure.



against each other as well as due to the abrasive removal system, Surface Treated Chains to work without frequent replacement.

complete Facilities of Heat Treatment, best metallurgical testing to ensure this

close dies and the wearing portion are locally process. The legs which are extra tempered to bolt centre. Our shackle is supplied with fitted. And we also recommend the use of nuts. Chain shackles are supplied with high washer.

wheels for both toothed and non-toothed Sprocket. The ASP surface is hardened but

BUCKET ELEVATOR, CONVEYOR & THEIR ACCESSORIES





HIGH TENSILE CHAIN FOR BUCKET ELEVATORS

MATERIAL: SPECIAL FINE GRAINED HIGH STRENGTH STEEL (GRADE-80 / Mn-Cr STEEL)

PROCESS OF MANUFACTURE: FLASH BUTT WEDING

HEAT TREATMENT: GAS CARBURISING, DOUBLE QUENCHED WITH CORE REFINE AND TEMPER

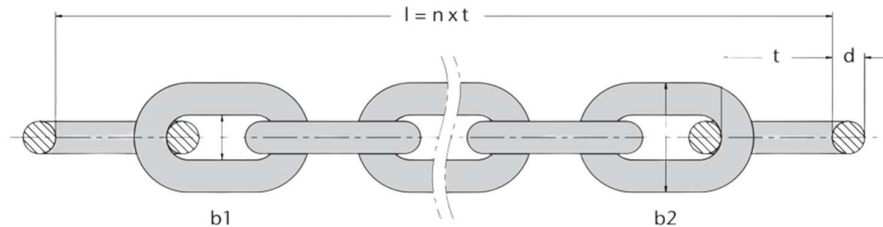
CASE DEPTH: 0.1d $\pm$ 0.01d UPTO 28MM DIA

0.1d - 0.2d FROM 30MM DIA

SURFACE HARDNESS: RC 60-64 (HV30 MIN – 720Kp/mm²)

MECHANICAL PROPERTIES: PROOF STRENGTH – 120N/MM² MIN.

BREAKING STRENGTH – 240N/MM²



CHAIN WITH PITCH (3.5d) AS PER DIN-764

DIA (d)	PITCH (t)	OUTSIDE WIDTH (b2)	INSIDE WIDTH (b1)	NO. OF LINKS (n)	WEIGHT KG/MTR	GRADE- Mn-Cr	
						TEST LOAD(KN)	MIN. BREAKING LOAD (KN)
10	35	36	14	5/7/9	2.0	-	-
13	45	47	18	5/7/9	3.5	-	-
16	56	54	22	5/7/9	5.2	50	100
18	63	60	24	5/7/9	6.5	63	126
20	70	67	27	5/7/9	8.2	80	160
23	80	77	31	5/7/9	11.0	100	200
26	91	87	35	5/7/9	14.0	126	252
30	105	101	39	5/7/9	19.0	170	340
36	126	122	47	5/7/9	26.5	250	500
42	147	142	55	5/7/9	36.0	340	680

CHAIN WITH PITCH (2.8d) AS PER DIN-766

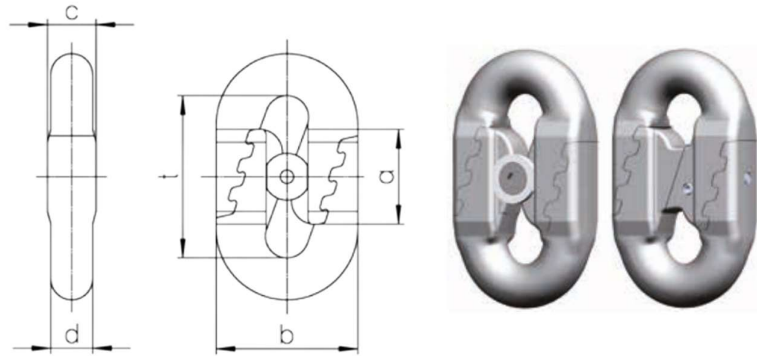
DIA (d)	PITCH (t)	OUTSIDE WIDTH (b2)	INSIDE WIDTH (b1)	NO. OF LINKS (n)	WEIGHT KG/MTR	GRADE- Mn-Cr	
						TEST LOAD(KN)	MIN. BREAKING LOAD (KN)
10	28	36	12	5/7/9	2.3	-	-
16	45	54	19.2	5/7/9	5.8	50	100
18	50	60	21.6	5/7/9	7.4	63	126
20	56	67	24	5/7/9	9.0	80	160
23	64	77	27.6	5/7/9	12.0	100	200
26	73	87	31.2	5/7/9	15.0	126	252
30	84	101	36	5/7/9	20.0	170	340
36	101	122	43.2	5/7/9	29.0	250	500
42	118	142	50	5/7/9	40.0	340	680





HIGH TENSILE CHAIN COUPLING CMECH-1001

Chain coupling for individual chain lengths. The chain couplings have the same technological characteristics as the corresponding highly wear resistant chains. Pay attention that the couplings should be assembled and installed according to the instructions included in the packaging. These couplings can only be mounted as vertical links. Run as vertical links over sprockets, plain and grooved wheels. Surface finish: shotblasted and waxed



SIZE	d (MM)	t (MM)	a (MM)	b (MM)	c (MM)	Weight KG/NOS
CMECH-1001-22 x 86	22	86	58	74	27	1,70
CMECH-1001-26 x 100	26	100	62	87	30	2,20
CMECH-1001-30 x 120	30	120	70	105	36	3,00
CMECH-1001-34 x 136	34	136	82	117	40	4,70
CMECH-1001-38 x 144	38	144	95	134	47	5,50

Scope of delivery

2 CMECH-1001-NOS HALVES,

2 NOS SAFTY PINS & SAFTY NUTS OR 1 NOS LOCKING PIN & 1 NOS SAFTY PINS DIN 1481

Example of the order

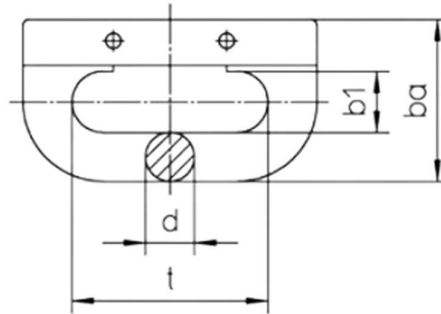
20 NOS CHAIN COUPLING **CMECH-1001-22 x 86**





RAS CHAIN CONNECTING LINK

Connecting link for individual chain lengths. The connecting links have the same technological characteristics as the corresponding highly wear resistant chains. Pay attention that the connecting links should be assembled and installed according to the instructions. These couplings are mounted as vertical or horizontal links in scraper conveyors with horizontal or only inclined conveying sections, but only as horizontal links in conveyors with horizontal and additional inclined conveying sections. Run as vertical and horizontal links over sprockets, plain chain wheels with or without groove, but are only mounted as vertical links for pocket wheels. Surface finish: shotblasted and waxed



SIZE	d	t	bi	ba	Pin	Weight
	[mm]	[mm]	[mm]	[mm]	D x L	[kg/pc.]
RAS 14 x 50	14	50	16	46	4 x 14	0,25
RAS 16 x 64	16	64	20	54	5 x 16	0,40
RAS 19 x 75	19	75	22	65	5 x 20	0,65
RAS 19 x 120	19	120	22	65	5 x 20	0,85
RAS 22 x 86	22	86	26	76,5	6 x 22	1,00
RAS 26 x 100	26	100	31	87	8 x 26	1,50
RAS 30 x 120	30	120	36	102	10 x 32	2,55
RAS 34 x 136	34	136	39,5	112	12 x 36	3,70

Scope of delivery

CONNECTING LINK + LOCKING PLATE & 2 NOS SAFTY PINS DIN 1481

Example of the order

80 NOS CONNECTING LINK **RAS 19X75**



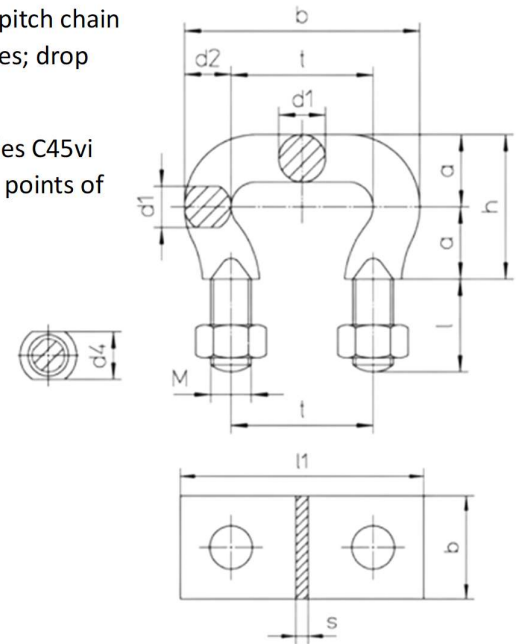
DIN-745 CHAIN SHACKLE

Suitable for connecting chain ends acc. to DIN 764 and DIN 766 and the attachment of the buckets for bucket elevators acc. to DIN 15251.

For friction drive systems DIN standard recommends to use the next size up pitch chain shackle; chain shackles should only be used in connection with distance plates; drop forged, thread and collar machined;

Material: made from heat treatable steel C45 and CrNi - alloyed steel, shackles C45vi are through hardened up to a strength of approx. 1100 N/mm², the interlink points of contact are inductive hardened, surface hardness up to -600 HV max.

Surface finish: oiled/blacking



t	a	b	d1	d2	d4	M	h	l	Weight	M.B.L.		Distance plate			Weight
										C45	Grade-80	l1	b	s	
[mm]	[mm]	[mm]	[mm]	[mm]	[mm]		[mm]	[mm]	[kg/pc.]	[kN]	[kN]	[mm]	[mm]	[mm]	[kg/pc.]
45	20	73	115	14	125	M 10	40	25	0,15	76	80	75	30	5	0,08
56	25	92	15	18	165	M 12	50	32	0,32	112	125	95	40	6	0,17
63	30	105	18	21	20	M 16	60	40	0,55	142	150	110	40	6	0,18
70	34	116	20	23	23	M 20	68	45	0,86	176	200	120	50	6	0,25
80	37	132	23	26	25	M 20	74	45	1,08	230	250	130	50	6	0,27
91	43	149	26	29	29	M 24	86	55	1,65	300	315	150	60	8	0,50
105	50	173	30	34	31	M 24	100	55	2,20	395	425	165	60	8	0,56
126	59	206	36	40	37	M 30	118	70	3,95	570	600	200	70	10	0,97
147	68	239	42	46	42	M 30	136	70	5,50	775	850	230	80	12	1,15

Scope of delivery

SHACKLE + DISTANCE PLATE & 2 NOS HEX NUT PINS DIN 934

Example of the order

180 NOS SHACKLE **DIN 745 23X80**

Quality grade	C45	Grade-80
Proof stress [N/mm ²]	125	125
Breaking stress [N/mm ²]	280	300
Surface hardness HV 10 min.	600	750
Hardening depth HTÄ ...d min.	0,1 x d*	0,1 x d*
Hardening depth at interlink EHT 550 ... d min.	0,06 x d*	0,06 x d*
Hardening depth EHT 550 HV 3 ... d min.	0,06	0,06

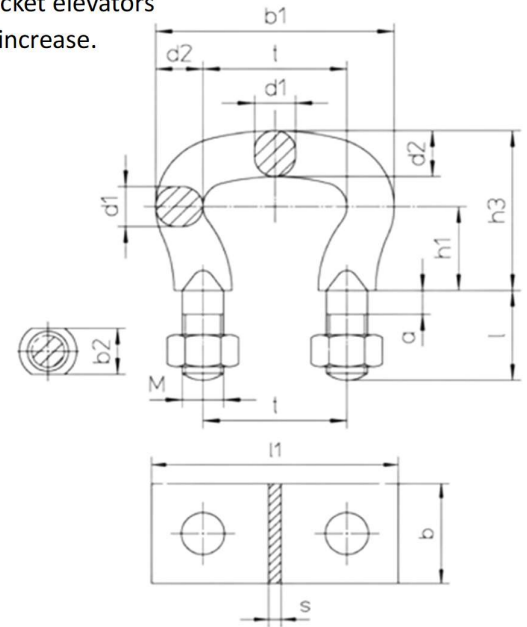




DIN-5699 CHAIN SHACKLE

Higher breaking loads in comparison with chain shackles acc. to DIN 745, which ensures the service safety. When replacing chain shackles DIN 745 with chain shackles DIN 5699 in existing bucket elevators with side mounted buckets pay attention that the chain centre distance will increase.

Surface finish: oiled/blacking



t	a	b1	b2	d1	d2	M	h1	h3	l	Weight	M.B.L.		Distance plate			Weight-1
											C45	Grade-80	l1	b	s	
[mm]	[mm]	[mm]	[mm]	[mm]	[mm]		[mm]	[mm]	[mm]	[kg/pc]	[kN]	[kN]	[mm]	[mm]	[mm]	[kg/pc]
35	8	59	11	10	12	M10	23	43	25	0,14	50	56	65	30	5	0,07
45	8	75	13	13	15	M12	28	53	30	0,26	85	95	75	30	5	0,08
56	10	92	17	16	18	M14	34	64	35	0,34	125	140	95	40	6	0,17
63	10	105	20	18	21	M16	37	71	40	0,60	160	180	110	40	6	0,21
70	12	116	23	20	23	M20	42	80	45	0,87	200	224	120	50	6	0,25
80	12	132	25	23	26	M20	47	89	45	1,12	265	280	130	50	6	0,27
91	14	149	29	26	29	M24	52	99	55	1,86	335	355	150	60	8	0,56
105	14	173	31	30	34	M24	60	114	55	2,56	450	500	165	60	8	0,62
126	18	206	37	36	40	M30	71	134	65	4,40	630	700	200	70	10	0,97
147	22	241	42	42	47	M36	81	157	75	7,30	850	950	230	80	12	1,73

Scope of delivery

SHACKLE + DISTANCE PLATE & 2 NOS HEX NUT PINS DIN 934

Example of the order

180 NOS SHACKLE **DIN 5699 23X80**

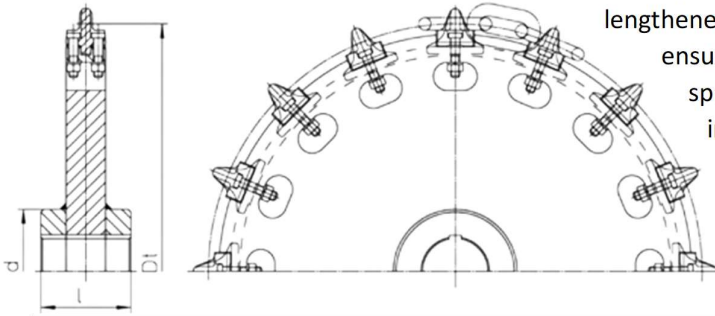
Quality grade	C45	Grade-80
Proof stress [N/mm ²]	125	125
Breaking stress [N/mm ²]	280	300
Surface hardness HV 10 min.	600	750
Hardening depth HTÄ ...d min.	0,1 x d*	0,1 x d*
Hardening depth at interlink EHT 550 ...d min.	0,06 x d*	0,06 x d*
Hardening depth EHT 550 HV 3 ... d min.	0,06	0,06





SL DRIVE SPROCKET

Sprockets for use with DIN 764 and DIN 766 - round steel chains with replaceable and adjustable individual teeth, made from MnCr alloyed steel, case hardened – highly wear resistant. Sprockets are welded steel fabrications; any number of teeth or hub design is available. Keyways are machined in the hubs of matched wheels to ensure precise alignment of the teeth. Hub design, bore diameter and key size can be specified by the customer. Shim plates can be fitted to adapt the pitch cASPcle dia. of the sprocket to a chain lengthened due to wear in the interlink points of contact. This ensures continued smooth running of the chain over the sprocket and the maximum use of the case-hardened layer in the chain. Shim plates and new teeth can be mounted without disassembly the chain.

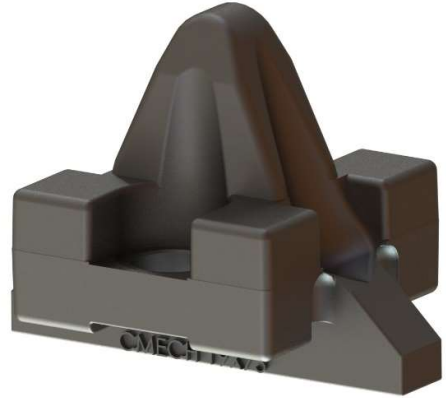
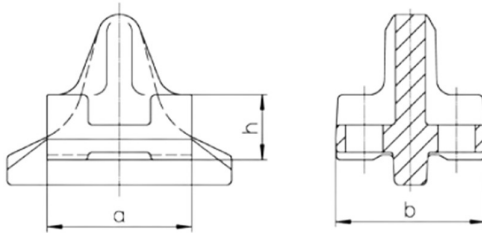


Size	Chain (d x t)	No. of teeth (z)	Pitch ϕ Dt (mm)	d	l	Weight [kg/pc.]
SL 14/16-50	14 x 50	16	510	150	110	53,00
SL 14/20-50	14 x 50	20	637	150	120	79,00
SL 16/15-64	16 x 64	15	612	180	120	84,00
SL 16/17-64	16 x 64	17	694	180	140	107,00
SL 16/18-64	16 x 64	18	734	180	140	123,00
SL 16/20-64	16 x 64	20	816	180	140	151,00
SL 19/15-75	19 x 75	15	717	200	150	134,00
SL 19/17-75	19 x 75	17	813	200	150	170,00
SL 19/19-75	19 x 75	19	908	200	150	214,00
SL 22/15-86	22 x 86	15	823	220	170	200,00
SL 22/16-86	22 x 86	16	878	220	170	224,00
SL 22/17-86	22 x 86	17	932	250	170	245,00
SL 22/18-86	22 x 86	18	986	250	170	280,00
SL 26/15-100	26 x 100	15	956	270	200	294,00
SL 26/16-100	26 x 100	16	1.020	270	200	330,00
SL 26/17-100	26 x 100	17	1.084	270	200	355,00
SL 26/19-100	26 x 100	19	1.211	300	220	468,00
SL 30/14-120	30 x 120	14	1.072	300	220	424,00
SL 30/16-120	30 x 120	16	1.225	300	220	572,00
SL 30/17-120	30 x 120	17	1.300	320	240	648,00
SL 34/14-136	34 x 136	14	1.214	350	240	640,00
SL 34/15-136	34 x 136	15	1.301	350	240	760,00
SL 34/16-136	34 x 136	16	1.387	350	240	900,00
SL 38/14-144	38 x 144	14	1.286	350	280	930,00
SL 38/15-144	38 x 144	15	1.378	400	280	1.100,00
SL 38/16-144	38 x 144	16	1.469	400	280	1.280,00



VBH SPROCKET TOOTH

Individual VBH made from MnCr - alloyed steel, case hardened – highly wear resistant; surface hardness 800 HV10. The individual teeth can be adjusted with shim plates to adapt the pitch cAPcle diameter of the SL – sprocket to a chain lengthened due to wear in the interlink points of contact. This ensures continued smooth running of the chain.



Type	a [mm]	b [mm]	h [mm]	Screw	Weight approx. [kg/no's]
VBH 14 x 50	40	40	19	M 8 x 40	0,22
VBH 16 x 64	48	48	23	M 10 x 50	0,40
VBH 19 x 75	58	58	26	M 14 x 60	0,60
VBH 22 x 86	68	70	30	M 16 x 70	1,10
VBH 26 x 100	76	78	36	M 18 x 70	1,50
VBH 30 x 120	90	90	42	M 20 x 90	2,50
VBH 34 x 136	105	105	48	M 24 x 100	4,00
VBH 38 x 144	110	110	54	M 24 x 110	5,50

NOTE: Mounting parts: hex. socket head cap screw DIN 7984 - 8.8; spring washer DIN 127 and hex. nut DIN 934 - 8. Individual teeth with shim plate the screw length have to be advised

Scope of delivery

VBH TOOTH 19x75 with mounting screw & nuts

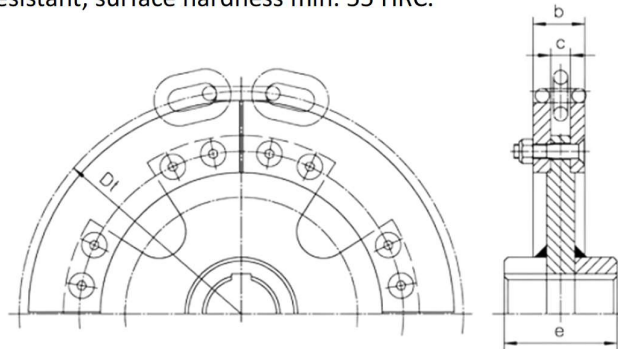
Example of the order

18 NOS VBH 19X75



SEGMENTED PLAIN WHEEL (TOOTHLESS)-TLS

Plain segmented chain wheels for use with DIN 766 & DIN 764 – round steel chains resp. chain ends acc. to DIN 764 and DIN 766 for side mounted buckets. Plain segmented chain wheels TLS with steel hub and cleaning slots, are welded steel fabrications. Bore diameter and key size as specified by the customer. TLS with replaceable hard faced steel segments – highly wear resistant, surface hardness min. 55 HRC.



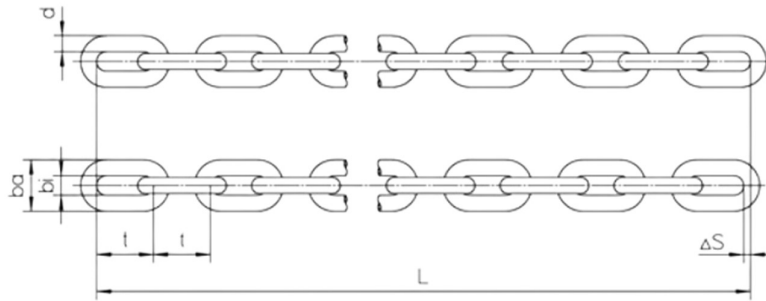
SIZE	CHAIN DIAMETER	P. C. D	e	b	c	NO. OF SEGMENT	WEIGHT
		[mm]	[mm]	[mm]	[mm]		[kg/pc.]
TLS13/500	13 + 14	500	100	47	17	8	50,00
TLS16/500	16	500	100	56	20	8	52,00
TLS16/630	16	630	160	56	20	8	115,00
TLS16/710	16	710	160	56	20	8	165,00
TLS16/800	16	800	190	56	20	8	290,00
TLS18/500	18	500	100	62	22	8	56,00
TLS18/630	18	630	160	62	22	8	120,00
TLS18/710	18	710	160	62	22	8	170,00
TLS20/500	18 + 20	500	100	65	25	8	56,00
TLS20/630	18 + 20	630	160	65	25	8	120,00
TLS20/710	18 + 20	710	160	65	25	8	170,00
TLS23/630	22 + 23	630	160	78	28	8	125,00
TLS23/710	22 + 23	710	160	78	28	8	170,00
TLS23/800	22 + 23	800	160	78	28	8	225,00
TLS23/900	22 + 23	900	190	78	28	8	280,00
TLS23/1000	22 + 23	1000	200	78	28	8	350,00
TLS26/710	26	710	160	91	31	8	180,00
TLS26/800	26	800	160	91	31	8	240,00
TLS26/900	26	900	190	91	31	8	310,00
TLS26/1000	26	1000	200	91	31	8	375,00
TLS30/900	30	900	190	106	36	8	300,00
TLS30/1000	30	1000	200	106	36	8	395,00
TLS30/1250	30	1250	220	106	36	8	640,00
TLS36/1250	34 + 36	1250	220	116	46	8	680,00





SSC-1 ROUND LINK CHAINS

SSC-1 chains made from CrNi- or CrNiMo-special alloyed steel are suitable for scraper conveyors with high dynamic and static loads. Supplied as matched- for an exact parallel run of the chain links.



Chain d x t [mm]	Chain with bi min. [mm]	Chain with ba max. [mm]	Weight [kg/m]	Standard length Links [mm]	Standard length L [mm]	C80 E10 Proof load [kN]	C80 E10 Breaking-load [kN]	C80 E14 Proof load [kN]	C80 E14 Breaking-load [kN]
10 x 38	125	34	210	527	20.026	38	64	-	-
14 x 50	163	47	410	215	10.75	74	128	65	110
16 x 64	20	55	530	167	10.688	96	160	84	140
19 x 75	22	63	740	143	10.725	135	227	117	198
22 x 86	26	74	990	119	10.234	182	304	160	266
26 x 100	31	87	1380	83	8.3	255	425	220	370
30 x 120	36	102	1870	47	5.64	340	566	300	500
34 x 136	39	113	2380	35	4.76	425	710	375	630
38 x 144	44	127	3000	29	4.176	530	910	480	800

Example of the order:

16 pcs. SSC-1 chains 22 x 86 C80 E10 L = 119 links=
10.234 mm each, supplied as matched Pairs

Quality grade	C80 E10	C80 E14
Breaking stress [N/mm ²]	400	350
Proof stress [N/mm ²]	240	210
Breaking elongation approx. [%]	2	2
Surface hardness at interlink HV 10	800	800
Carburizing depth HTÄ ... d +/- 0,01d	10	14
Case hardening depth EHT 550 HV 3 ... d min.	6	9
Material incl. d = 22 mm: CrNi-alloyed Material from d = 26 mm: CrNiMo-alloyed	-	-

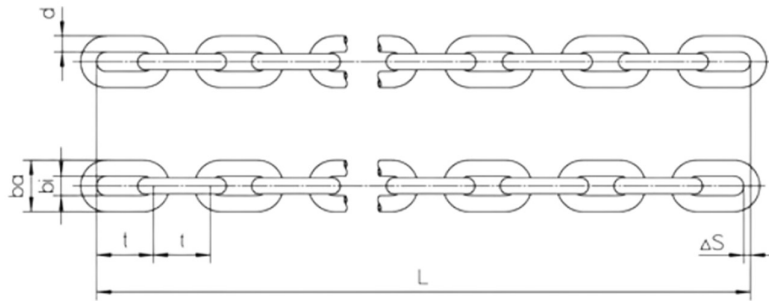
Proof/Breaking load tolerance -10% permissible depending on the batches





SSC-2 ROUND LINK CHAINS

SSC-2 chains made from MnCr-special alloyed steel for scraper conveyors with medium dynamic and static loads. Supplied as matched- for an exact parallel run of the chain links.



Chain d x t [mm]	Chain with bi min. [mm]	Chain with ba max. [mm]	Weight [kg/m]	Standard length Links [mm]	Standard length L [mm]	C40 E10 Proof load [kN]	C40 E10 Breaking- load [kN]	C40 E14 Proof load [kN]	C40 E14 Breaking-load [kN]
14 x 50	163	47	410	215	10.75	39	78	32	64
16 x 64	20	55	530	167	10.688	50	100	42	84
19 x 75	22	63	740	143	10.725	71	142	60	120
22 x 86	26	74	990	119	10.234	95	190	80	160
26 x 100	31	87	1380	83	8.3	128	255	110	220
30 x 120	36	102	1870	47	5.64	171	342	148	296
34 x 136	39	113	2380	35	4.76	250	500	190	380

Example of the order:

16 pcs. SSC-2 chains 22 x 86 C40 E10 L = 119 links=
10.234 mm each, supplied as matched paASPs

Quality grade	C40 E10	C40 E14
Breaking stress [N/mm ²]	250	210
Proof stress [N/mm ²]	125	105
Breaking elongation approx. [%]	2	2
Surface hardness at interlink HV 10	800	800
Carburizing depth HTÄ ... d +/- 0,01d	0,10	14
Case hardening depth EHT 550 HV 3 ... d min.	0,063	9
Material: MnCr-alloyed		-

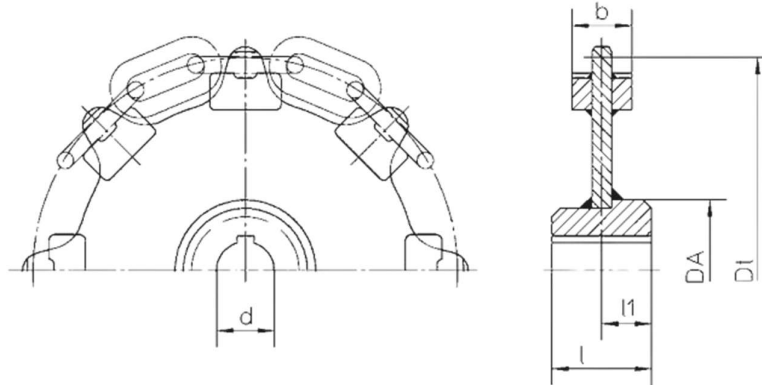
Proof/Breaking load tolerance -10% permissible depending on the batches





ASP CHAIN SPROCKET

Sprockets are welded steel fabrications either in one piece or with replaceable tooth segments for drive and tail sections; case hardened – highly wear resistant; fabricated steel sprockets can be provided for every medium and long chain pitch tooth combination; any number of teeth available; hub design, bore diameter, and key size can be specified by the customer.



SIZE	CHAIN SIZE	NO. OF TEETH	P. C. D	b	HUB	HUB	Weight
	d x t	z	[mm]	[mm]	[mm]	[mm]	[kg/pc.]
ASP 10 / 6 - 38	10 x 38	6	147	34	65	70	3,50
ASP 10 / 8 - 38	10 x 38	8	195	34	65	70	4,60
ASP 10 / 10 - 38	10 x 38	10	243	34	90	100	9,70
ASP 14 / 6 - 50	14 x 50	6	193	45	70	80	6,20
ASP 14 / 8 - 50	14 x 50	8	256	45	90	100	12,00
ASP 14 / 10 - 50	14 x 50	10	320	45	100	110	17,00
ASP 14 / 15 - 50	14 x 50	15	478	45	130	140	37,00
ASP 16 / 6 - 64	16 x 64	6	247	50	100	110	14,00
ASP 16 / 7 - 64	16 x 64	7	288	50	100	110	16,00
ASP 16 / 8 - 64	16 x 64	8	328	50	130	140	27,00
ASP 16 / 10 - 64	16 x 64	10	409	50	130	160	35,00
ASP 16 / 12 - 64	16 x 64	12	490	50	150	180	55,00
ASP 19 / 6 - 75	19 x 75	6	290	55	130	140	25,00
ASP 19 / 8 - 75	19 x 75	8	384	55	150	170	43,00
ASP 19 / 10 - 75	19 x 75	10	479	55	150	170	53,00
ASP 19 / 12 - 75	19 x 75	12	575	55	200	220	97,00
ASP 22 / 6 - 86	22 x 86	6	332	64	150	160	38,00
ASP 22 / 7 - 86	22 x 86	7	387	64	150	200	57,00
ASP 22 / 8 - 86	22 x 86	8	441	64	200	200	75,00
ASP 22 / 10 - 86	22 x 86	10	550	64	200	230	105,00
ASP 22 / 12 - 86	22 x 86	12	659	64	220	250	142,00

*Any other number of teeth and sizes on request

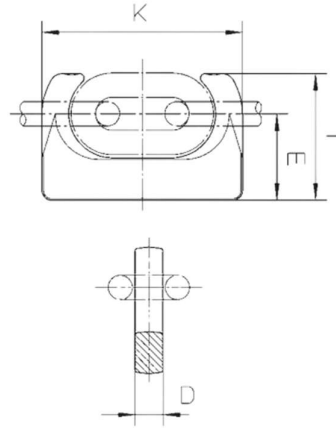
** Hub length and hub diameter can be specified by the customer





TDS CHAIN CONNECTOR

Flight attachment for severe service in two strand and multiple chain strand conveyors, runs over chain sprockets and plain chain wheels with and without groove, made from MnCr-steel, forged and case hardened, highly wear resistant, welding area prepared for welding to flight bar, simple assembly and disassembly on the slack chain, suitable for reverse operation.



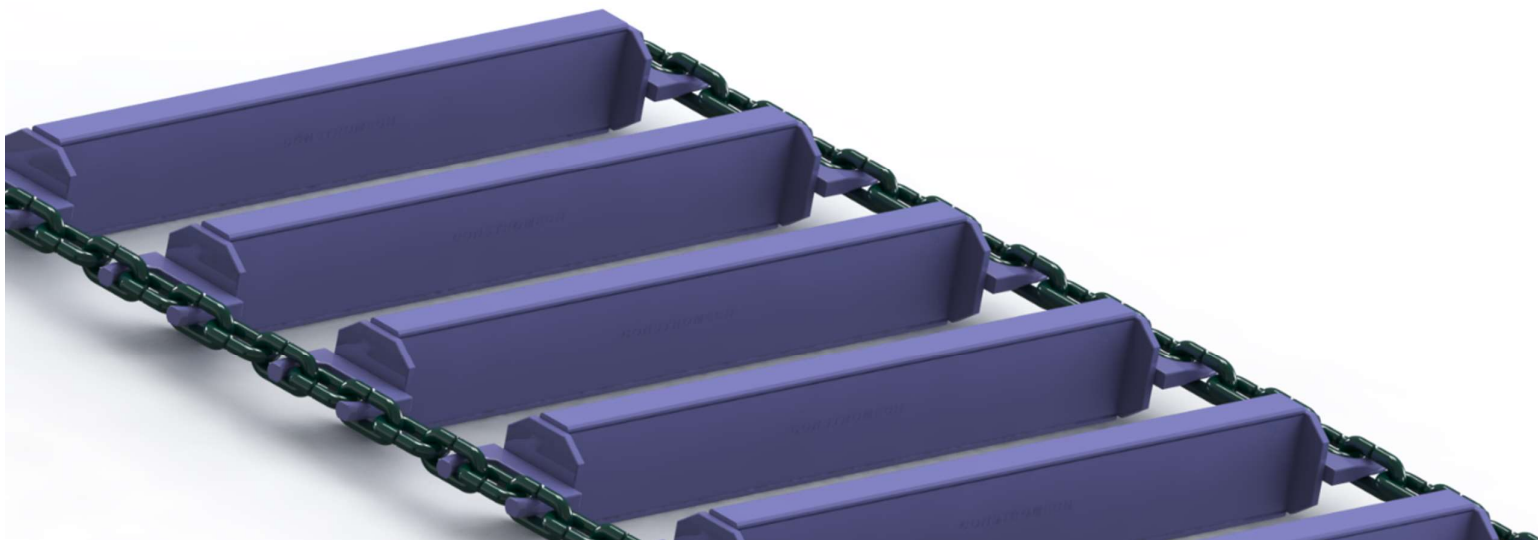
SIZE	CHAIN d x t	K [mm]	D [mm]	E [mm]	I [mm]	Weight [kg/pc.]
TDS 16 x 64	16 x 64	135	19	59	83	0,80
TDS 19 x 75	19 x 75	156	21	69	100	1,20
TDS 22 x 86	22 x 86	182	25	80	116	2,00
TDS 26 x 100	26 x 100	220	30	92	135	3,40
TDS 30 x 120	30 x 120	252	35	110	160	5,30
TDS 34 x 136	34 x 136	284	38	122	177	7,80
TDS 38 x 144	38 x 144	318	43	118	180	9,90

Stick electrode:

ISO 3580: E Mo B, EN 1599: E Mo B 4 2 H5,
AWS A5.5-ASME II/C, SFA5.5: E 7018-A 1

Scope of delivery:

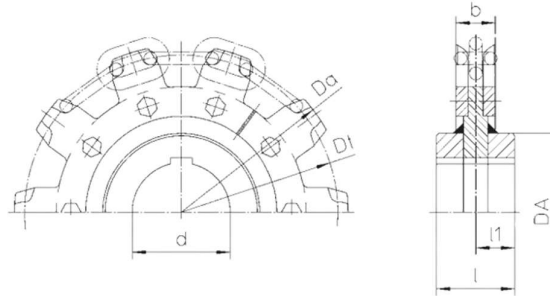
Flight attachment TDS CONNECTOR





SNL POCKET WHEEL

Pocket wheels are welded steel fabrications either in one piece or with replaceable pocket segments for drive, guide and tail sections; case hardened – highly wear resistant, fabricated steel pocket wheels can be provided for every chain pitch-tooth combination; any number of pockets available; hub design, bore diameter, and key size can be specified by the customer.



SIZE	CHAIN	NO. OF TEETH	P. C. D	b	HUB	HUB	WEIGHT
	d x t	z*	[mm]	[mm]	l	DA	[kg/pc.]
SNL 10 / 5 - 38	10 x 38	5	124	40	65	70	4,80
SNL 10 / 6 - 38	10 x 38	6	147	40	65	70	6,30
SNL 14 / 5 - 50	14 x 50	5	162	60	65	70	9,90
SNL 14 / 6 - 50	14 x 50	6	194	60	65	70	14,00
SNL 14 / 8 - 50	14 x 50	8	257	60	90	100	27,00
SNL 14 / 10 - 50	14 x 50	10	320	60	100	110	42,00
SNL 16 / 8 - 64	16 x 64	8	329	70	130	150	57,00
SNL 16 / 9 - 64	16 x 64	9	368	70	130	150	69,00
SNL 19 / 8 - 75	19 x 75	8	385	70	150	170	82,00
SNL 19 / 10 - 75	19 x 75	10	479	70	150	170	78,00
SNL 22 / 8 - 86	22 x 86	8	440	80	170	180	70,00
SNL 22 / 10 - 86	22 x 86	10	549	80	170	200	105,00
SNL 26 / 8 - 100	26 x 100	8	513	105	220	250	227,00
SNL 26 / 10 - 100	26 x 100	10	639	105	220	250	321,00
SNL 34 / 7 - 136	34 x 136	7	612	150	220	250	381,00

* Any other number of pockets and sizes on request.

** Hub length and hub diameter can be specified by the customer

PLAIN WHEELS & IDLER



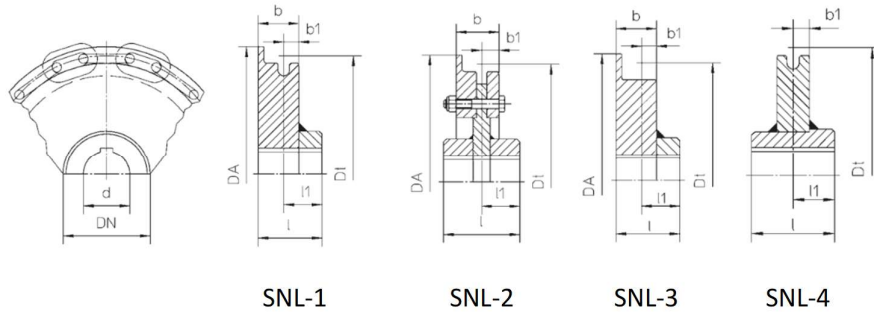
Plain tail and idler wheels SNP-1, SNP-2, SNP-3 and SNP-4 for scraper conveyors, are welded steel fabrications with case hardened chain contact points – highly wear resistant; any outside resp. pitch circle dia. available; hub design, bore diameter and key size can be specified by the customer.

SNP-1 ... grooved and flanged chain wheel.

SNP-2 ... grooved and flanged chain wheels with replaceable segments.

SNP-3 ... grooved chain wheel.

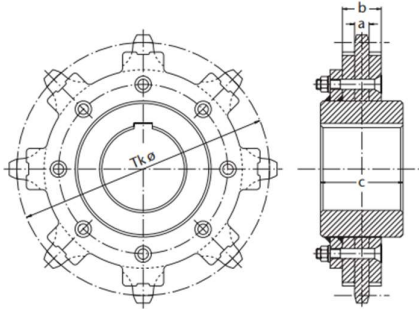
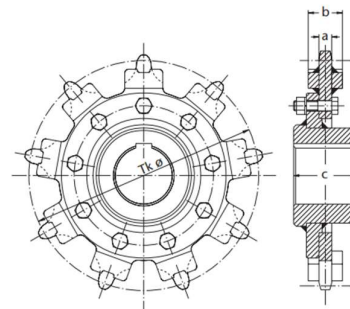
SNP-4 ... plain flanged chain wheel.



SIZE	CHAIN d x t	Dt [mm]	DA [mm]	b [mm]	b1 [mm]	Hub** l	Hub** DN	Corresponding- No. of teeth
SNP10/147	10 x 38	147	175	45	14,7	65	70	6
SNP10/195	10 x 38	195	225	45	14,7	65	70	8
SNP14/256	14 x 50	256	280	60	22	90	100	8
SNP14/288	14 x 50	288	310	60	22	90	100	9
SNP14/319	14 x 50	319	345	60	22	90	110	10
SNP14/383	14 x 50	383	410	60	22	90	110	12
SNP16/328	16 x 64	328	360	70	24,5	100	140	8
SNP16/369	16 x 64	369	400	70	24,5	100	140	9
SNP16/409	16 x 64	409	440	70	24,5	100	160	10
SNP16/490	16 x 64	490	520	70	24,5	100	160	12
SNP19/384	19 x 75	384	420	80	29,5	120	170	8
SNP19/432	19 x 75	432	465	80	29,5	120	170	9
SNP19/479	19 x 75	479	515	80	29,5	120	170	10
SNP22/440	22 x 86	440	480	95	34,5	130	190	8
SNP22/495	22 x 86	495	540	95	34,5	130	190	9
SNP22/550	22 x 86	550	595	95	34,5	130	190	10
SNP26/513	26 x 100	513	560	105	40	155	200	8
SNP26/576	26 x 100	576	630	105	40	155	200	9
SNP30/615	30 x 120	615	675	125	47	160	200	8
SNP30/691	30 x 120	691	750	125	47	160	250	9
SNP34/697	34 x 136	697	760	140	52	180	250	8
SNP34/783	34 x 136	783	850	140	52	180	250	9

**REPLACEABLE RIM TYPE SPROCKET- PLM-1 & PLM-2**

- Suitable for heavy duties
- Long service life through wear resistant hardened chain contact surfaces
- Bore and hub length according to customer
- Suitable for chains to DIN 764 and Works Standards
- Use with chain shackles, attachments TDS and some special solutions
- Reduced maintenance cost through use of replaceable toothed rims

**PLM-1****PLM-2**

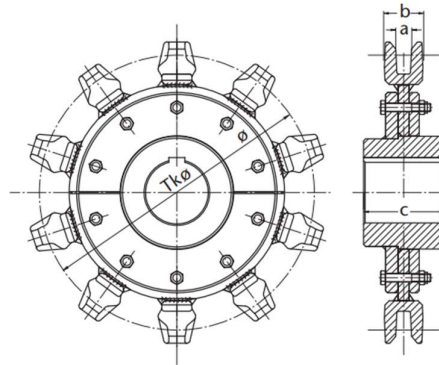
PCD mm, Tkø	Corresponding chain nominal thickness x Pitch, d x t/mm	DIN	Number of teeth	Dimensions in mm			Weight kg/each ca.	
				a	b	c	PLM-1	PLM-2
384	19 x 75	WN	8	20	60	140	51	32
432	19 x 75	WN	9	20	60	140	70	42
479	19 x 75	WN	10	20	60	140	90	52
574	19 x 75	WN	12	20	60	140	125	77
315	20 x 70	764	7	23	63	140	29	22
359	20 x 70	764	8	23	63	140	48	29
403	20 x 70	764	9	23	63	140	60	36
447	20 x 70	764	10	23	63	140	72	43
386	22 x 86	WN	7	25	71	140	54	41
441	22 x 86	WN	8	25	71	140	68	48
495	22 x 86	WN	9	25	71	140	100	52
550	22 x 86	WN	10	25	71	140	127	55
410	23 x 80	764	8	27	73	160	65	51
461	23 x 80	764	9	27	73	160	80	72
511	23 x 80	764	10	27	73	160	95	85
466	26 x 91	764	8	30	80	160	100	75
524	26 x 91	764	9	30	80	160	128	80
582	26 x 91	764	10	30	80	160	146	90
513	26 x 100	WN	8	30	80	160	130	120
576	26 x 100	WN	9	30	80	160	155	135
538	30 x 105	764	8	35	95	200	142	120
605	30 x 105	764	9	35	95	200	182	140
615	30 x 120	WN	8	35	95	200	208	160
691	30 x 120	WN	9	35	95	200	280	190
646	34 x 126	WN	8	35	105	200	220	175
726	34 x 126	WN	9	35	105	200	295	200
697	34 x 136	WN	8	35	105	200	292	190
783	34 x 136	WN	9	35	105	200	380	220
646	36 x 126	764	8	40	110	220	255	190
726	36 x 126	764	9	40	110	220	310	220
738	38 x 144	WN	8	40	110	220	320	—
829	38 x 144	WN	9	40	110	220	370	—
697	39 x 136	764	8	45	115	220	300	—
783	39 x 136	764	9	45	115	220	395	—
753	42 x 147	764	8	50	120	220	430	—
847	42 x 147	764	9	50	120	220	450	—

Further dimensions and qualities on request, WN = Works Standard

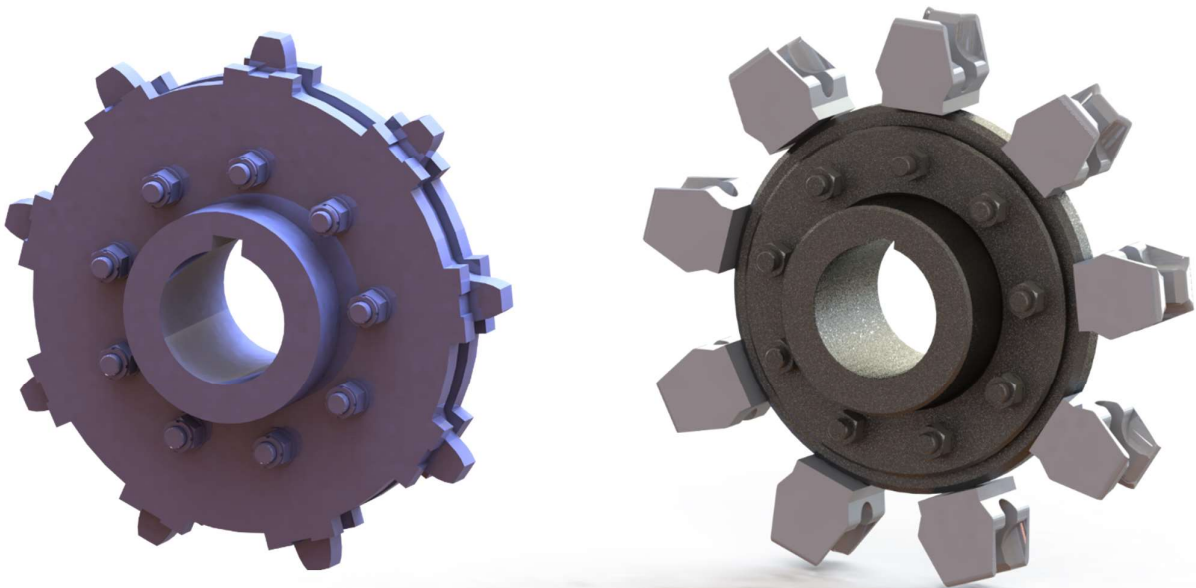


SNT POCKET WHEEL

- Suitable for high duty drives
- Long service life through use of wear resistant hardened chain contact surfaces
- Replaceable, wear resistant toothed rims
- Adjustable to correct for chain wear
- Can be manufactured to suit existing hubs



PCD mm, T ϕ	corresponding chain nominal thickness x Pitch, d x t/mm	DIN	number of teeth	dimensions in mm			Weight kg/each
				a	b	c	
441	22 x 86	WN	8	27	77	140	55
495	22 x 86	WN	9	27	77	140	72
550	22 x 86	WN	10	27	77	140	80
472	26 x 92	WN	8	33	85	160	85
530	26 x 92	WN	9	33	85	160	90
588	26 x 92	WN	10	33	85	160	110
554	30 x 108	WN	8	40	117	180	140
622	30 x 108	WN	9	40	117	180	170
690	30 x 108	WN	10	40	117	180	210
646	34 x 126	WN	8	44	120	220	205
726	34 x 126	WN	9	44	120	220	230
805	34 x 126	WN	10	44	120	220	260
697	34 x 136	WN	8	44	122	220	220
783	34 x 136	WN	9	44	122	220	245
869	34 x 136	WN	10	44	122	220	280

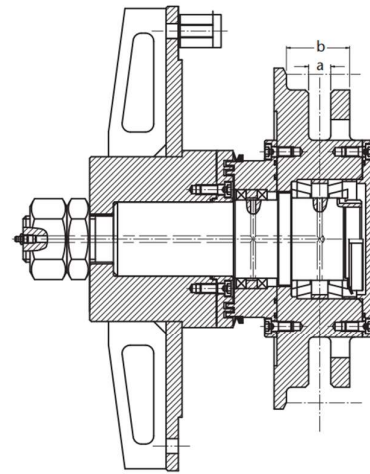




SOI SUMBERGE OVERHANGING IDELER

- Fitted inside wet deasher
- Sealing system for submerged wheels
- Fitted from outside deasher
- Optional rotation monitor
- Suitable for all chain dimensions
- For shackles or LD and TDS
- With or without mounting flange
- Hardened rim surface for long service life
- Optional cleaning finger to clean groove
- Optimised sealing system

PCD mm, Tkø	corresponding chain nominal thickness d/mm	a	b	Weight kg/each
400	19	24	83	100
400	22	27	92	112
400	26	32	107	112
566	30	36	113	150
560	34	42	127	185
566	36	42	136	195
650	42	50	155	240
511	30	36	113	130



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