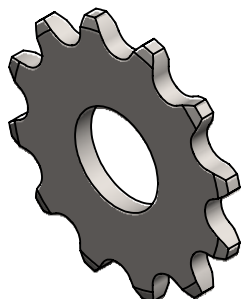
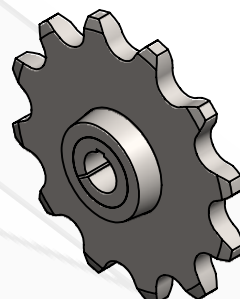
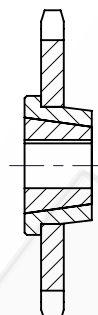


**TRANSPORTKETINGWIELEN
CONVEYOR SPROCKETS
FÖRDERKETTEN KETTENRÄDER
ROUES POUR MANUTENTION**

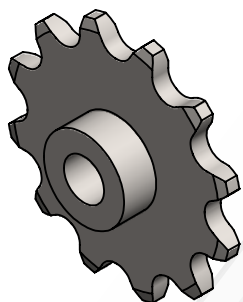
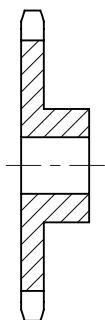
Diverse uitvoeringen
Several executions



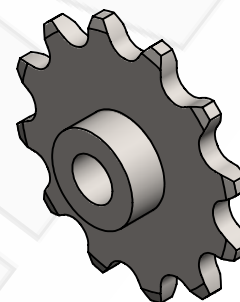
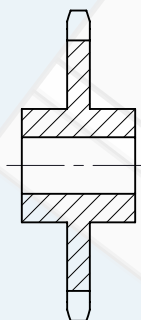
Plaatwiel
Plate wheel



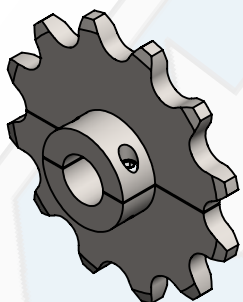
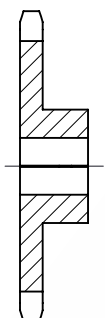
Plaatwiel taperlock lasnaaf
Plate wheel taperlock welded hub



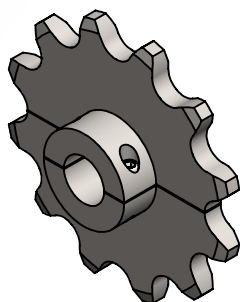
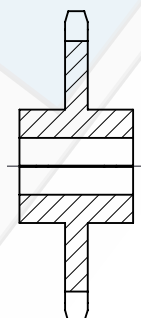
Kettingwiel éénzijdige naaf
Sprocket one-sided hub



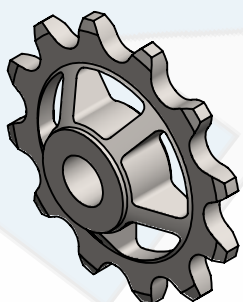
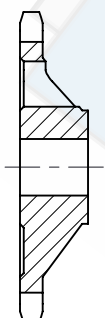
Kettingwiel tweezijdige naaf
Sprocket two-sided hub



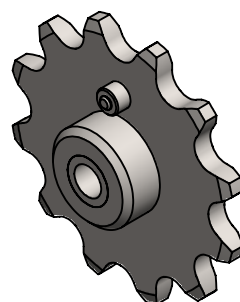
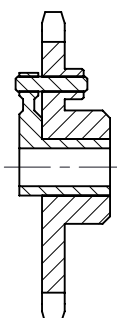
Kettingwiel gedeeld éénzijdige naaf
Sprocket splitted one-sided hub



Kettingwiel gedeeld tweezijdige naaf
Sprocket splitted two-sided hub



Kettingwiel gietijzer
Sprocket cast iron

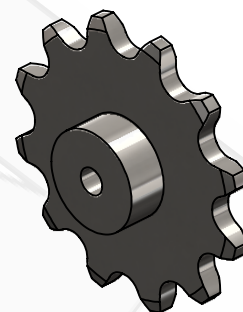
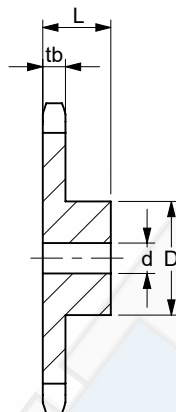
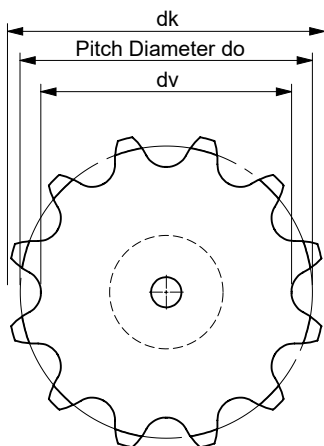


Kettingwiel breekpen
Sprocket shear pin

TRANSPORTKETTINGWIELEN
CONVEYOR SPROCKETS
FÖRDERKETTEN KETTENRÄDER
ROUES POUR MANUTENTION



Technische data - Metrische steekcirkel
 Technical data - Metric pitch



Calculation conveyor sprockets:

- Pitch diameter $d_o = p / \sin(180 / z)$
- Root diameter $d_v = d_o - d_r$
- Outer diameter $dk_{max} = d_o + 0,25d_r + 10 \quad (d_r > 70)$
- Outer diameter $dk_{max} = d_o + 0,5d_r + 6 \quad (d_r \leq 70)$
- Tooth width max $tb_{max} = 0,9b1 - 1$
- Tooth width min $tb_{min} = 0,87b1 - 1,7$
- Hub diameter $D =$ To be agreed with customer
- Hub length $L =$ To be agreed with customer
- Prebore $d =$ To be agreed with customer
- Number of teeth $z =$ To be agreed with customer

Required chain data:

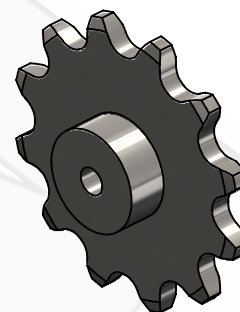
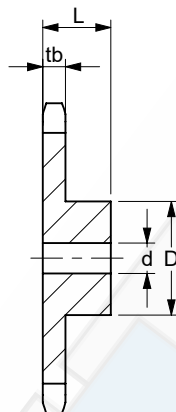
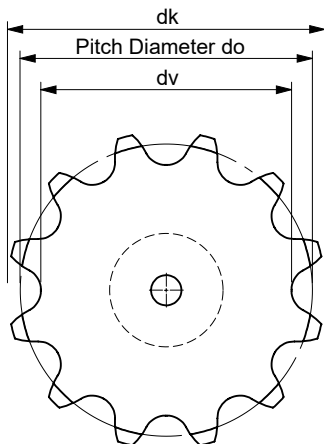
- Pitch $p =$ See table conveyor chain
- Inner width $b1 =$ See table conveyor chain
- Roller diameter $d_{r0} =$ See table conveyor chain (Type O)
- Roller diameter $d_{rA} =$ See table conveyor chain (Type A)
- Roller diameter $d_{rB} =$ See table conveyor chain (Type B)
- Roller diameter $d_{rD} =$ See table conveyor chain (Type D)

Steekcirkel diameters / Chain pitch diameters (d_o)													
z	p 40 [mm]	p 50 [mm]	p 63 [mm]	p 75 [mm]	p 80 [mm]	p 100 [mm]	p 125 [mm]	p 150 [mm]	p 160 [mm]	p 200 [mm]	p 250 [mm]	p 315 [mm]	p 400 [mm]
8	104,53	130,66	164,63	195,98	209,05	261,31	326,64	391,97	418,10	522,63	653,28	823,13	1045,25
9	116,95	146,19	184,20	233,90	219,29	292,38	365,48	438,57	467,81	584,76	730,95	921,00	1169,52
10	129,44	161,80	203,87	258,89	242,71	323,61	404,51	485,41	517,77	647,21	809,02	1019,36	1294,43
11	141,98	177,47	223,62	283,96	266,21	354,95	443,68	532,42	567,91	709,89	887,37	1118,08	1419,79
12	154,55	193,19	243,41	309,10	289,78	386,37	482,96	579,56	618,19	772,74	965,93	1217,07	1545,48
13	167,14	208,93	263,25	334,29	313,39	417,86	522,32	626,79	668,57	835,72	1044,65	1316,25	1671,43
14	179,76	224,70	283,12	359,52	337,05	449,40	561,74	674,09	719,03	898,79	1123,49	1415,60	1797,58
15	192,39	240,49	303,01	384,78	360,73	480,97	601,22	721,46	769,56	961,95	1202,43	1515,07	1923,89
16	205,03	256,29	322,93	410,07	384,44	512,58	640,73	768,87	820,13	1025,17	1281,46	1614,64	2050,33
17	217,69	272,11	342,86	435,38	408,16	544,22	680,27	816,33	870,75	1088,44	1360,55	1714,29	2176,88
18	230,35	287,94	362,80	460,70	431,91	575,88	719,85	863,82	921,40	1151,75	1439,69	1814,01	2303,51
19	243,02	303,78	382,76	486,04	455,67	607,55	759,44	911,33	972,09	1215,11	1518,88	1913,79	2430,21
20	255,70	319,62	402,72	511,40	479,43	639,25	799,06	958,87	1022,79	1278,49	1598,11	2013,62	2556,98
21	268,38	335,48	422,70	536,76	503,21	670,95	838,69	1006,43	1073,52	1341,90	1677,38	2113,49	2683,80
22	281,07	351,33	442,68	562,13	527,00	702,67	878,33	1054,00	1124,27	1405,33	1756,67	2213,40	2810,67
23	293,76	367,20	462,67	587,52	550,80	734,39	917,99	1101,59	1175,03	1468,79	1835,99	2313,34	2937,58
24	306,45	383,06	482,66	612,90	574,60	766,13	957,66	1149,19	1225,81	1532,26	1915,32	2413,31	3064,52
25	319,15	398,94	502,66	638,30	598,40	797,87	997,34	1196,81	1276,60	1595,75	1994,68	2513,30	3191,49
26	331,85	414,81	522,66	663,70	622,22	829,62	1037,03	1244,43	1327,40	1659,25	2074,06	2613,31	3318,49
27	344,55	430,69	542,67	689,10	646,03	861,38	1076,72	1292,07	1378,21	1722,76	2153,45	2713,34	3445,52
28	357,26	446,57	562,68	714,51	669,86	893,14	1116,43	1339,71	1429,02	1786,28	2232,85	2813,39	3572,56
29	369,96	462,45	582,69	739,93	693,68	924,91	1156,13	1387,36	1479,85	1849,81	2312,27	2913,46	3699,63
30	382,67	478,34	602,71	765,34	717,51	956,68	1195,85	1435,02	1530,68	1913,35	2391,69	3013,53	3826,71



TRANSPORTKETTINGWIELEN CONVEYOR SPROCKETS FÖRDERKETTEN KETTENRÄDER ROUES POUR MANUTENTION

Technische data - Inch steekcirkel
Technical data - Inch pitch



Calculation conveyor sprockets:

- Pitch diameter $d_o = p / \sin(180 / z)$
- Root diameter $d_v = d_o - d_r$
- Outer diameter $dk_{max} = d_o + 0,25d_r + 10 \quad (d_r > 70)$
- Outer diameter $dk_{max} = d_o + 0,5d_r + 6 \quad (d_r \leq 70)$
- Tooth width max $tb_{max} = 0,9b1 - 1$
- Tooth width min $tb_{min} = 0,87b1 - 1,7$
- Hub diameter $D =$ To be agreed with customer
- Hub length $L =$ To be agreed with customer
- Prebore $d =$ To be agreed with customer
- Number of teeth $z =$ To be agreed with customer

Required chain data:

- Pitch $p =$ See table conveyor chain
- Inner width $b1 =$ See table conveyor chain
- Roller diameter $d_{ro} =$ See table conveyor chain (Type O)
- Roller diameter $d_{ra} =$ See table conveyor chain (Type A)
- Roller diameter $d_{rb} =$ See table conveyor chain (Type B)
- Roller diameter $d_{rd} =$ See table conveyor chain (Type D)

Steekcirkel diameters / Chain pitch diameters (d_o)								
z	p 2" = 50,8 [mm]	p 2,5" = 63,5 [mm]	p 3" = 76,2 [mm]	p 3,5" = 88,90 [mm]	p 4" = 101,60 [mm]	p 5" = 127 [mm]	p 6" = 152,4 [mm]	p 8" = 203,2 [mm]
8	132,75	165,93	199,12	232,31	265,49	331,87	398,50	530,99
9	148,53	185,66	222,79	259,93	297,06	332,87	445,88	594,12
10	164,39	205,49	246,59	287,69	328,78	333,87	493,50	657,57
11	180,31	225,39	270,47	315,55	360,63	334,87	541,29	721,25
12	196,28	245,35	294,41	343,48	392,55	335,87	589,21	785,10
13	212,27	265,34	318,41	371,48	424,54	336,87	637,23	849,09
14	228,29	285,37	342,44	399,51	456,59	337,87	685,33	913,17
15	244,33	305,42	366,50	427,59	488,67	338,87	733,48	977,34
16	260,39	325,49	390,59	455,69	520,78	339,87	781,69	1041,57
17	276,46	345,58	414,69	483,81	552,93	340,87	829,93	1105,85
18	292,55	365,68	438,82	511,95	585,09	341,87	878,21	1170,18
19	308,64	385,80	462,96	540,11	617,27	342,87	926,52	1234,55
20	324,74	405,92	487,10	568,29	649,47	343,87	974,85	1298,95
21	340,84	426,05	511,26	596,48	681,69	344,87	1023,20	1363,37
22	356,96	446,19	535,43	624,67	713,91	345,87	1071,57	1427,82
23	373,07	466,34	559,61	652,88	746,14	346,87	1119,95	1492,29
24	389,19	486,49	583,79	681,09	778,39	347,87	1168,35	1556,78
25	405,32	506,65	607,98	709,31	810,64	348,87	1216,76	1621,28
26	421,45	526,81	632,17	737,53	842,90	349,87	1265,18	1685,79
27	437,58	546,98	656,37	765,77	875,16	350,87	1313,60	1750,32
28	453,72	567,14	680,57	794,00	907,43	351,87	1362,04	1814,86
29	469,85	587,32	704,78	822,24	939,71	352,87	1410,48	1879,41
30	485,99	607,49	728,99	850,49	971,98	353,87	1458,93	1943,97

