



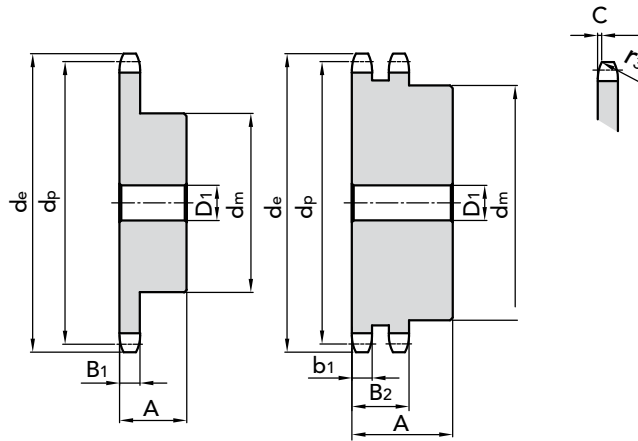
pitch 3/8" x 3/16"

CHAIN SPROCKETS

Tooth radius r_3	10	mm
Radius width \check{C}	1,2	mm
Sprockets tooth width B_1	4,4	mm
Sprockets tooth width b_1	4,3	mm
Sprockets tooth width B_2	14,4	mm

CHAIN

Pitch	9,525	mm
Inner width	4,77	mm
Roller \varnothing	5,08	mm



SIMPLES

DOUBLE

Z	d _e	d _p	PART NUMBER	d _m	D ₁	A	kg.	PART NUMBER	d _m	D ₁	A	kg.
8												
9	31,50	27,85	11103009	18	8	20	0,05					
10	35,70	30,82	11103010	20	8	22	0,05	11203010	20	8	22	0,15
11	38,69	33,80	11103011	22	8	25	0,08	11203011	22	10	25	0,15
12	41,68	36,80	11103012	25	8	25	0,10					
13	44,68	39,80	11103013	28	10	25	0,12	11203013	28	10	25	0,16
14	47,68	42,80	11103014	31	10	25	0,15	11203014	31	10	25	0,19
15	50,69	45,81	11103015	34	10	25	0,19	11203015	34	10	25	0,23
16	53,70	48,82	11103016	37	10	28	0,24	11203016	37	12	30	0,27
17	56,72	51,83	11103017	38	10	28	0,28	11203017	40	12	30	0,31
18	59,73	54,85	11103018	38	10	28	0,32	11203018	43	12	30	0,36
19	62,75	57,87	11103019	46	10	28	0,36	11203019	46	12	30	0,42
20	65,77	60,89	11103020	46	10	28	0,38	11203020	49	12	30	0,42
21	68,79	63,91	11103021	46	10	28	0,41	11203021	52	12	30	0,51
22	71,81	66,93	11103022	52	12	28	0,45	11203022	55	12	30	0,57
23	74,83	69,95	11103023	52	12	28	0,49	11203023	58	12	30	0,64
24	77,85	72,97	11103024	52	12	28	0,54	11203024	61	12	30	0,71
25	80,88	76,00	11103025	58	12	28	0,60	11203025	64	12	30	0,78
26	83,90	79,02	11103026	58	12	28	0,66	11203026	67	12	30	0,78
27	86,93	82,04	11103027	58	12	28	0,67	11203027	70	12	30	0,94
28	89,95	85,07	11103028	60	12	28	0,68	11203028	73	12	30	1,02
30	96,00	91,12	11103030	60	12	28	0,71					
31	97,9	94,15	11103031	65	14	30	0,87	11203031	80	16	30	1,02
32	100,9	97,17	11103032	65	14	30	0,86	11203032	80	16	30	1,31
33	103,9	100,20	11103033	65	14	30	1,13					
34	106,9	103,23						11203034	80	16	30	1,42
35	110,0	106,26	11103035	65	14	30	0,94	11203035	80	16	30	1,48
36	114,17	109,29	11103036	70	16	30	1,05					
37	116,0	112,32	11103037	70	16	30	1,09					
38	119,0	115,34	11103038	70	16	30	1,08	11203038	90	16	30	1,48
39	122,1	118,37	11103039	70	16	30	1,10	11203039	90	16	30	1,48
40												

MATERIAL C 45 UNI 7845

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CHAIN SPROCKETS ASA 35 pitch 3/8" x 3/16" for roller chains in compliance with DIN 8188 - ISO/R 606 - ANSI B 29.1



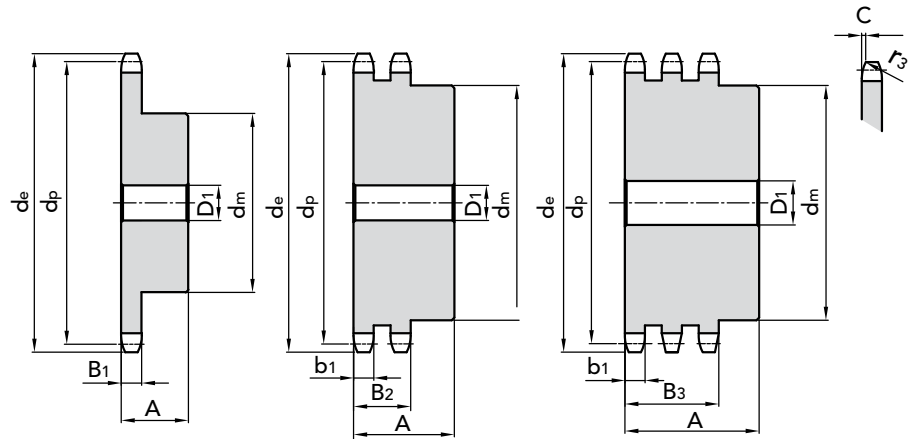
pitch 1/2" x 5/16"

CHAIN SPROCKETS

Tooth radius r_3	13,5 mm
Radius width \bar{C}	1,6 mm
Sprockets tooth width B_1	7,4 mm
Sprockets tooth width b_1	7,2 mm
Sprockets tooth width B_2	21,6 mm
Sprockets tooth width B_3	36 mm

CHAIN

Pitch	12,7 mm
Inner width	7,94 mm
Roller \varnothing	7,94 mm

**SIMPLES****DOUBLE****TRIPLE**

Z	d _e	d _p	PART NUMBER	d _m	D ₁	A	kg.	PART NUMBER	d _m	D ₁	A	kg.	PART NUMBER	d _m	D ₁	A	kg.
8	39,30	33,18	11104008	26	10	25	0,10										
10	47,66	41,10	11104010	29	10	25	0,12	11204010	28	10	32	0,19	11304010	28	14	50	0,24
11	51,64	45,08	11104011	35	10	28	0,14	11204011	32	12	35	0,29					
12	55,63	49,07	11104012	35	10	28	0,20	11204012	35	12	35	0,35	11304012	35	14	50	0,39
13	59,63	53,07	11104013	35	10	28	0,26	11204013	38	12	35	0,43	11304013	38	14	50	0,49
14	63,63	57,07	11104014	46	10	28	0,32	11204014	42	12	35	0,52	11304014	42	14	50	0,60
15	67,64	61,08	11104015	48	10	28	0,38	11204015	46	12	35	0,62	11304015	46	14	50	0,72
16	71,66	65,10	11104016	48	10	28	0,45	11204016	50	14	35	0,73	11304016	50	16	50	0,85
17	75,68	69,12	11104017	48	10	28	0,50	11204017	54	14	35	0,83	11304017	54	16	50	0,99
18	79,70	73,14	11104018	60	12	28	0,58	11204018	58	14	35	0,97	11304018	58	16	50	1,14
19	83,72	77,16	11104019	60	12	28	0,67	11204019	62	14	35	1,12	11304019	62	16	50	1,30
20	87,74	81,18	11104020	65	12	28	0,77	11204020	66	14	35	1,28	11304020	66	16	50	1,47
21	91,77	85,21	11104021	65	12	28	0,84	11204021	70	16	40	1,37	11304021	70	20	55	1,79
22	95,80	89,24	11104022	65	12	28	0,91	11204022	70	16	40	1,46	11304022	70	20	55	1,93
23	99,83	93,27	11104023	70	12	28	0,94	11204023	70	16	40	1,63	11304023	70	20	55	2,08
24	103,86	97,30	11104024	70	14	28	0,97	11204024	75	16	40	1,82	11304024	75	20	55	2,32
25	107,89	101,33	11104025	70	14	28	1,01	11204025	80	16	40	2,01	11304025	80	20	55	2,57
26	111,92	105,36	11104026	70	14	28	1,09	11204026	85	20	40	2,12	11304026	85	20	55	2,79
27	115,96	109,40	11104027	70	16	30	1,13	11204027	85	20	40	2,33	11304027	85	20	55	2,96
28	119,99	113,43	11104028	70	16	30	1,16	11204028	90	20	40	2,79	11304028	90	20	55	3,25
29																	
30	128,06	121,50	11104030	80	16	30	1,46	11204030	100	20	40	3,25					
31								11204031	100	20	40	3,33					
32	136,13	129,57	11104032	80	16	30	1,78										
33								11204033	100	20	40	3,40	11304033	110	20	55	4,74
34								11204034	100	20	40	3,50					
35	148,24	141,68	11104035	90	16	30	1,92	11204035	100	20	40	3,60					
36	152,28	145,72	11104036	90	16	30	2,21										
37								11204037	100	20	40	3,69					
38	160,35	153,79	11104038	90	16	35	2,32	11204038	100	20	40	3,84	11304038	120	25	55	6,14
39								11204039	100	20	40	4,00					
40	168,43	161,87	11104040	90	16	35	2,43						11304040	120	25	55	6,66

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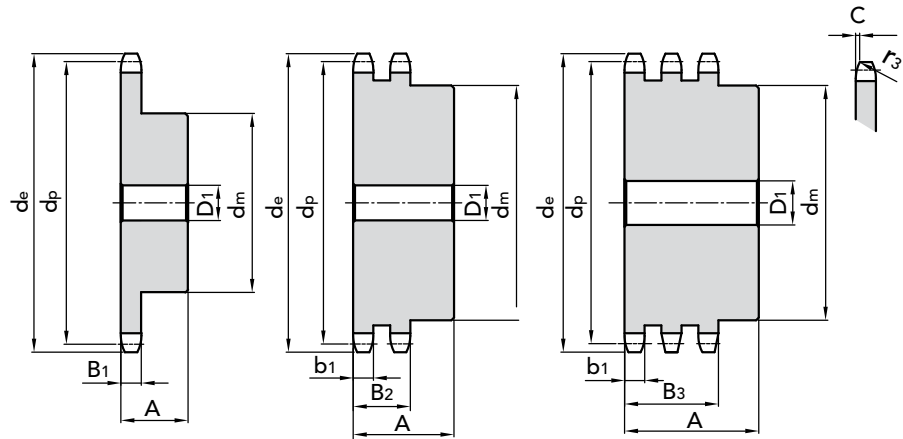
pitch 5/8" x 3/8"

CHAIN SPROCKETS

Tooth radius r_3	17	mm
Radius width \bar{C}	2	mm
Sprockets tooth width B_1	9	mm
Sprockets tooth width b_1	8,8	mm
Sprockets tooth width B_2	26,9	mm
Sprockets tooth width B_3	45	mm

CHAIN

Pitch	15,875	mm
Inner width	9,52	mm
Roller \varnothing	10,16	mm



Z	d_e	d_p	SIMPLES				DOUBLE				TRIPLE						
			PART NUMBER	d_m	D_1	A	kg.	PART NUMBER	d_m	D_1	A	kg.	PART NUMBER	d_m	D_1	A	kg.
8	47,00	41,48	10115008	25	10	25	0,12										
9	52,60	46,42	10115009	30	10	25	0,16										
10	57,50	51,37	10115010	35	10	25	0,22										
11	63,00	56,34	10115011	37	12	30	0,29										
12	68,00	61,34	10115012	42	12	30	0,37					11305012	44	16	55	0,54	
13	73,00	66,32	10115013	47	12	30	0,46	11205013	49	14	40	0,67	11305013	49	16	55	0,67
14	78,00	71,34	10115014	52	12	30	0,56	11205014	54	14	40	0,82	11305014	54	16	55	0,82
15	83,00	76,36	10115015	57	12	30	0,67	11205015	59	14	40	0,97	11305015	59	16	55	0,97
16	88,00	81,37	10115016	60	12	30	0,76	11205016	64	16	45	1,25	11305016	64	16	60	1,25
17	93,00	86,39	10115017	60	12	30	0,88	11205017	69	16	45	1,45	11305017	69	16	60	1,45
18	98,00	91,42	10115018	70	14	30	1,01	11205018	74	16	45	1,56	11305018	74	16	60	1,56
19	103,30	96,45	10115019	70	14	30	1,15	11205019	79	16	45	1,67	11305019	79	16	60	1,67
20	108,40	101,49	10115020	75	14	30	1,21	11205020	84	16	45	2,14	11305020	84	16	60	2,14
21	113,40	106,52	10115021	75	16	30	1,35	11205021	85	16	45	2,27	11305021	85	20	60	2,27
22	118,00	111,55	10115022	80	16	30	1,41	11205022	90	16	45	2,54	11305022	90	20	60	2,54
23	123,40	116,58	10115023	80	16	30	1,47	11205023	95	16	45	2,81	11305023	95	20	60	2,81
24	128,30	121,62	10115024	80	16	30	1,54	11205024	100	16	45	3,11	11305024	100	20	60	3,11
25	134,00	126,66	10115025	80	16	30	1,60	11205025	105	16	45	3,14	11305025	105	20	60	3,14
26	139,00	131,70	10115026	85	20	35	1,96					11305026	110	20	60	3,74	
27	144,00	136,75	10115027	85	20	35	2,04					11305027	110	20	60	3,94	
28	148,70	141,78	10115028	90	20	35	2,25					11305028	115	20	60	4,28	
29	153,80	146,83	10115029	90	20	35	2,33										
30	158,80	151,87	10115030	90	20	35	2,41										
31	163,90	156,92	10115031	95	20	35	2,64										
32	168,90	161,95	10115032	95	20	35	2,73										
33	174,50	167,00	10115033	95	20	35	2,82										
34	179,00	172,05	10115034	95	20	35	2,92										
35	184,10	177,10	10115035	95	20	35	3,01										
36	189,10	182,15	10115036	100	20	35	3,27										
37	194,20	187,20	10115037	100	20	35	3,37										
38	199,20	192,24	10115038	100	20	35	3,47										
39	104,20	197,29	10115039	100	20	35	3,58										
40	209,30	202,34	10115040	100	20	35	3,69										

MATERIAL **C 45 UNI 7845**

Simple sprockets correspond to 5/8 pitch ISO sprockets

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CHAIN SPROCKETS ASA 50 pitch 5/8" x 3/8" for roller chains in compliance with DIN 8188 - ISO/R 606 - ANSI B 29.1



CHAIN SPROCKETS ASA 60 pitch 3/4" x 1/2" for roller chains in compliance with DIN 8188 - ISO/R 606 - ANSI B 29.1

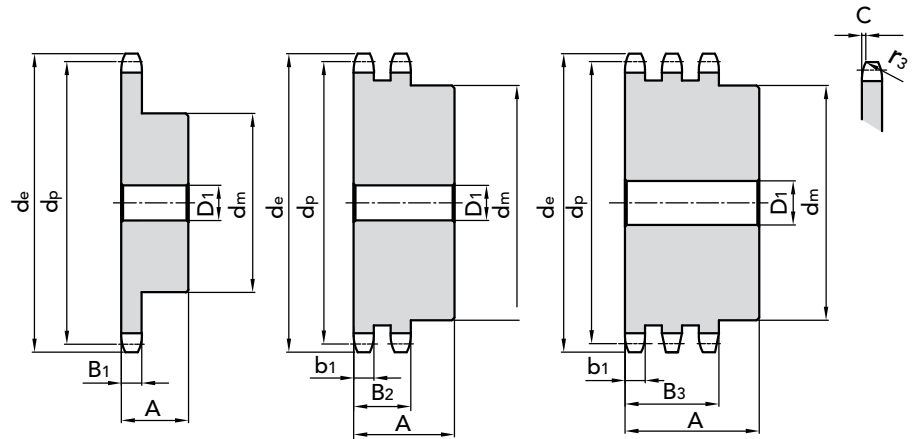
pitch 3/4" x 1/2"

CHAIN SPROCKETS

Tooth radius r_3	20	mm
Radius width \check{C}	2,4	mm
Sprockets tooth width B_1	12	mm
Sprockets tooth width b_1	11,8	mm
Sprockets tooth width B_2	34,6	mm
Sprockets tooth width B_3	57,4	mm

CHAIN

Pitch	19,05	mm
Inner width	12,7	mm
Roller \varnothing	11,91	mm



Z	d_e	d_p	SIMPLES					DOUBLE				TRIPLE					
			PART NUMBER	d_m	D_1	A	kg.	PART NUMBER	d_m	D_1	A	kg.	PART NUMBER	d_m	D_1	A	kg.
10	71,54	61,64	11106010	42	12	30	0,38	11206010	42	12	45	0,58	11306010	42	16	65	0,86
11	77,51	67,61	11106011	45	12	30	0,50	11206011	47	16	50	0,80					
12	83,49	73,61	11106012	45	12	30	0,64	11206012	53	16	50	1,01	11306012	53	20	70	1,47
13	89,49	79,59	11106013	60	14	35	0,80	11206013	59	16	50	1,24	11306013	59	20	70	1,78
14	95,50	85,61	11106014	60	14	35	0,97	11206014	65	16	50	1,45	11306014	65	20	70	2,16
15	101,52	91,63	11106015	60	14	35	1,16	11206015	71	16	50	1,73	11306015	71	20	70	2,52
16	107,54	97,65	11106016	75	16	35	1,34	11206016	77	20	50	2,03	11306016	77	20	70	2,93
17	113,56	103,67	11106017	75	16	35	1,53	11206017	83	20	50	2,35	11306017	83	20	70	3,44
18	119,59	109,71	11106018	75	16	35	1,61	11206018	89	20	50	2,70	11306018	89	20	70	3,91
19	125,63	115,75	11106019	80	16	35	1,70	11206019	95	20	50	3,06	11306019	95	20	70	4,43
20	131,67	121,78	11106020	80	16	35	1,84	11206020	100	20	50	3,45	11306020	100	20	70	4,96
21	137,71	127,82	11106021	80	16	35	2,35	11206021	100	20	50	3,69	11306021	100	20	70	5,41
22	143,75	133,86	11106022	90	20	40	2,45	11206022	100	20	50	3,96	11306022	100	20	70	59,7
23	149,79	139,90	11106023	90	20	40	2,56	11206023	110	20	50	4,50	11306023	110	20	70	6,64
24	155,84	145,94	11106024	90	20	40	2,67	11206024	110	20	50	4,81	11306024	110	20	70	7,21
25	161,88	152,00	11106025	90	20	40	2,79	11206025	120	20	50	5,40	11306025	120	20	70	7,97
26	167,93	158,04	11106026	90	20	40	3,08	11206026	120	20	50	5,73					
27	173,98	164,09	11106027	90	20	40	3,21	11206027	120	20	50	6,05					
28	180,03	170,13	11106028	95	20	40	3,34	11206028	120	20	50	6,43					
30	192,14	182,25	11106030	95	20	40	3,62	11206030	120	20	50	7,18					

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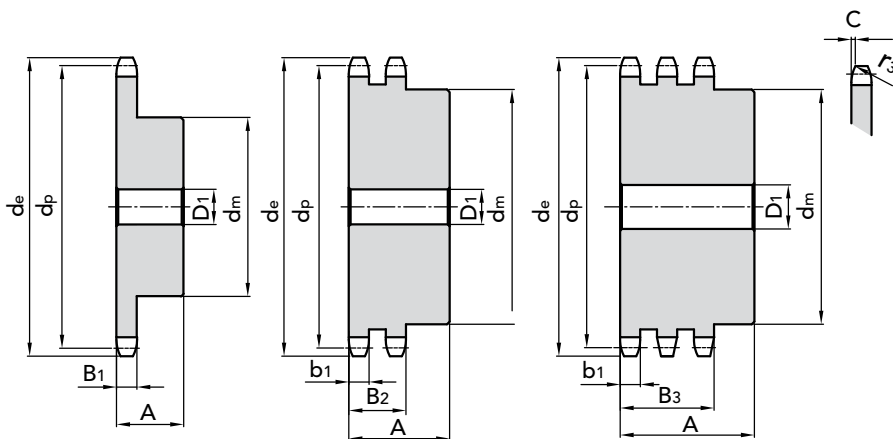

pitch 1" x 5/8"

CHAIN SPROCKETS

Tooth radius r_3	27	mm
Radius width \check{C}	3,2	mm
Sprockets tooth width B_1	15	mm
Sprockets tooth width b_1	14,7	mm
Sprockets tooth width B_2	44	mm
Sprockets tooth width B_3	73,3	mm

CHAIN

Pitch	25,4	mm
Inner width	15,88	mm
Roller \varnothing	15,88	mm



SIMPLES

DOUBLE

TRIPLE

Z	d _e	d _p	PART NUMBER	d _m	D ₁	A	kg.	PART NUMBER	d _m	D ₁	A	kg.	PART NUMBER	d _m	D ₁	A	kg.	
8																		
9																		
10	95,32	82,79	11108010	55	16	35	0,82	11208010	56	20	65	1,52						
11	103,28	90,14	11108011	61	16	40	1,13											
12	111,26	98,14	11108012	69	16	40	1,42	11208012	72	20	70	2,60	11308012	72	25	100	3,62	
13	119,26	106,12	11108013	78	16	40	1,77	11208013	78	20	70	3,22	11308013	78	25	100	4,45	
14	127,27	114,15	11108014	84	16	40	2,07	11208014	86	20	70	3,82	11308014	86	25	100	5,37	
15	135,29	122,17	11108015	92	16	40	2,46	11208015	94	20	70	4,51	11308015	94	25	100	6,37	
16	143,32	130,20	11108016	100	20	45	3,13	11208016	102	20	70	5,17	11308016	102	30	100	7,45	
17	151,35	138,22	11108017	100	20	45	3,34	11208017	110	20	70	5,97	11308017	110	30	100	8,60	
18	159,39	146,28	11108018	100	20	45	3,55	11208018	118	20	70	6,84	11308018	118	30	100	9,84	
19	167,44	154,33	11108019	100	20	45	3,78	11208019	126	20	70	7,75	11308019	126	30	100	11,16	
20	175,49	162,38	11108020	100	20	45	4,02	11208020	130	20	70	8,43	11308020	130	30	100	12,36	
21	183,54	170,43	11108021	110	20	50	5,01	11208021	130	25	70	9,24						
22	191,60	178,48	11108022	110	20	50	5,26											
23	199,66	186,53	11108023	110	20	50	5,56											
24	207,72	194,59	11108024	110	20	50	5,85											
25	215,78	202,66	11108025	110	20	50	6,16	11208025	130	25	70	12,52						
26	223,84	210,72	11108026	120	20	50	6,96											
27	231,91	218,79	11108027	120	20	50	7,29											
28	239,98	226,85	11108028	120	20	50	7,64											
29																		
30	256,12	243,00	11108030	120	20	50	7,96											

MATERIAL C 45 UNI 7845

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Quantity, availability and prices
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CHAIN SPROCKETS ASA 80 pitch 1" x 5/8" for roller chains in compliance with DIN 8188 - ISO/R 606 - ANSI B 29.1



CHAIN SPROCKETS ASA 100 pitch 1" 1/4 x 3/4" for roller chains in compliance with DIN 8188 - ISO/R 606 - ANSI B 29.1

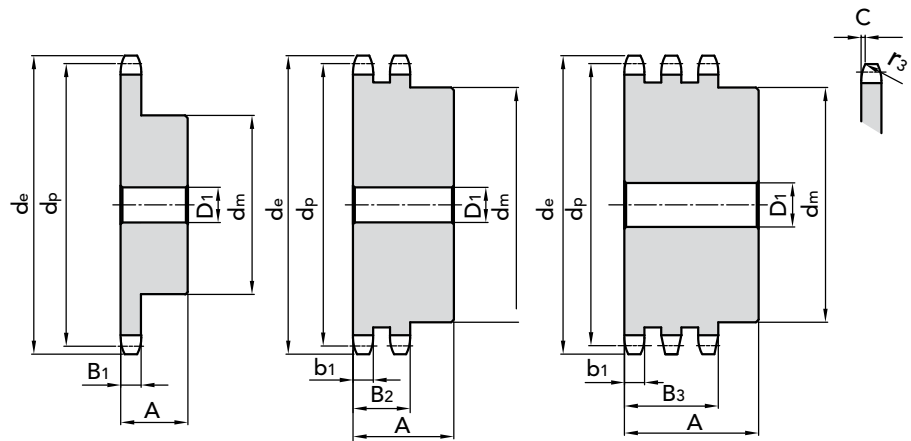
pitch 1" 1/4 x 3/4"

CHAIN SPROCKETS

Tooth radius r_3	33,5	mm
Radius width \check{C}	4	mm
Sprockets tooth width B_1	18	mm
Sprockets tooth width b_1	17,7	mm
Sprockets tooth width B_2	53,5	mm
Sprockets tooth width B_3	89,2	mm

CHAIN

Pitch	31,75	mm
Inner width	19,05	mm
Roller \varnothing	19,05	mm



Z	d_e	d_p	SIMPLES				DOUBLE				TRIPLE						
			PART NUMBER	d_m	D_1	A	kg.	PART NUMBER	d_m	D_1	A	kg.	PART NUMBER	d_m	D_1	A	kg.
8	98,10	82,96	11110008	53	20	40	0,85										
9	108,00	92,84	11110009	63	20	40	1,18										
10	117,90	102,74	11110010	70	20	40	1,57										
11	127,80	112,68	11110011	77	20	45	2,04	11210011	80	25	80	3,72					
12	137,80	122,68	11110012	88	20	45	2,58	11210012	90	20	80	4,66					
13	147,80	132,65	11110013	98	20	45	3,15	11210013	100	20	80	5,70					
14	157,80	142,68	11110014	108	20	45	3,78	11210014	110	20	80	6,84	11310014	110	30	115	9,71
15	167,90	152,72	11110015	118	20	45	4,47	11210015	120	20	80	8,08					
16	177,90	162,75	11110016	120	25	50	5,25	11210016	120	25	80	8,90					
17	187,90	172,78	11110017	120	25	50	5,61	11210017	120	25	80	9,92	11310017	420	30	115	14,60
18	198,00	182,85	11110018	120	25	50	5,99										
19	208,10	192,91	11110019	120	25	50	6,40										
20	218,10	202,95	11110020	120	25	50	6,82										
21	228,20	213,04	11110021	140	25	55	8,79										
22	238,30	223,11	11110022	140	25	55	9,27										
23	248,30	233,17	11110023	140	25	55	9,77										
24	258,40	243,23	11110024	140	25	55	10,30										
25	268,50	253,33	11110025	140	25	55	10,85										

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CAD drawings available on our site
www.chiaravalli.com

Quantity, availability and prices
 on B2B Chiaravalli



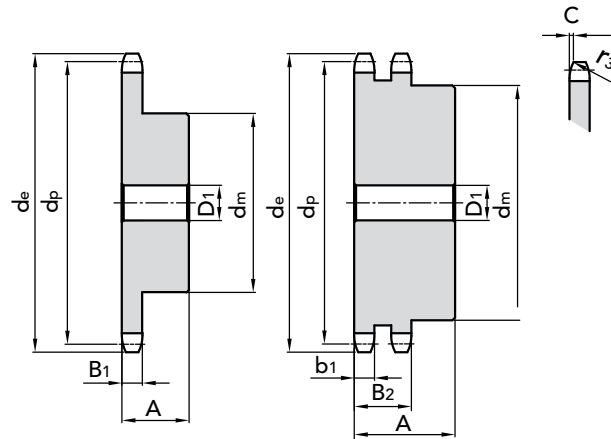
pitch 1" 1/2 x 1"

CHAIN SPROCKETS

Tooth radius r_3	40,5	mm
Radius width \bar{C}	4,8	mm
Sprockets tooth width B_1	24,1	mm
Sprockets tooth width b_1	23,6	mm
Sprockets tooth width B_2	69	mm

CHAIN

Pitch	38,1	mm
Inner width	25,4	mm
Roller \varnothing	22,22	mm



SIMPLES

DOUBLE

Z	d_e	d_p	PART NUMBER	d_m	D_1	A	kg.	PART NUMBER	d_m	D_1	A	kg.
8	119,04	99,55	11112008	58	20	45	2,05					
9	130,88	111,40	11112009	70	20	45	2,67					
10	142,77	123,29	11112010	80	20	45	3,45					
11	154,71	135,21	11112011	90	25	50	4,26	11212011	90	25	100	6,62
12	165,00	147,22	11112012	102	25	50	5,22	11212012	102	25	100	8,28
13	178,68	159,18	11112013	114	25	50	6,29	11212013	114	25	100	10,13
14	190,70	171,22	11112014	128	25	50	7,05	11212014	128	25	100	12,24
15	202,73	183,26	11112015	140	25	50	8,12	11212015	140	25	100	14,08
17												
18												
19	245,5	231,49	11112019	136	25	55	10,05					

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On demand we can manufacture ASA sprockets and pitches not shown on this catalogue.

Quantity, availability and prices on B2B Chiaravalli



CHAIN SPROCKETS ASA 120 pitch 1"1/2 x 1" for roller chains in compliance with DIN 8188 - ISO/R 606 - ANSI B 29.1