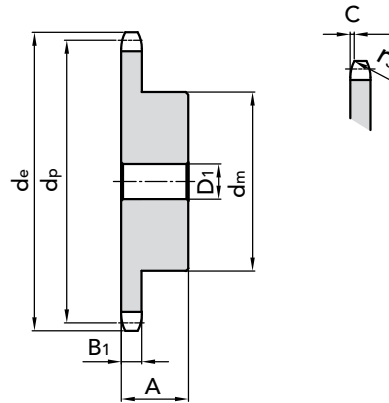



5 x 2.5 mm
CHAIN SPROCKETS

Tooth radius r_3	5	mm
Radius width \bar{C}	0,6	mm
Sprockets tooth width B_1	2,3	mm

CHAIN

Pitch	5	mm
Inner width	2,5	mm
Roller \varnothing	3,2	mm


SIMPLEX

Z	d _e	d _p	PART NUMBER	d _m	D ₁	A	kg.
8	15,20	13,06	10105008	7	4	10	0,01
9	16,80	14,62	10105009	8	4	10	0,01
10	18,30	16,18	10105010	9	4	10	0,01
11	19,90	17,75	10105011	11	5	10	0,01
12	21,50	19,32	10105012	12	5	10	0,01
13	23,00	20,89	10105013	14	5	10	0,01
14	24,60	22,47	10105014	15	5	10	0,02
15	26,20	24,04	10105015	16	5	10	0,02
16	27,80	25,63	10105016	18	6	13	0,02
17	29,40	27,20	10105017	18	6	13	0,03
18	30,90	28,79	10105018	18	6	13	0,03
19	32,50	30,38	10105019	18	6	13	0,03
20	34,10	31,96	10105020	18	6	13	0,03
21	35,70	33,54	10105021	20	8	13	0,04
22	37,30	35,13	10105022	20	8	13	0,04
23	38,90	36,72	10105023	20	8	13	0,04
24	40,50	38,30	10105024	20	8	13	0,04
25	42,00	39,89	10105025	20	8	13	0,04
26	43,60	41,48	10105026	25	8	15	0,05
27	45,20	43,07	10105027	25	8	15	0,07
28	46,80	44,65	10105028	25	8	15	0,07
29	48,40	46,25	10105029	25	8	15	0,07
30	50,00	47,83	10105030	25	8	15	0,07
31	51,60	49,42	10105031	30	8	15	0,10
32	53,20	51,01	10105032	30	8	15	0,10
33	54,80	52,60	10105033	30	8	15	0,10
34	56,30	54,19	10105034	30	8	15	0,10
35	57,90	55,78	10105035	30	8	15	0,11
36	59,50	57,37	10105036	30	8	15	0,11
37	61,10	58,96	10105037	30	8	15	0,11
38	62,70	60,54	10105038	30	8	15	0,11
39	64,30	62,13	10105039	30	8	15	0,12
40	65,90	63,73	10105040	30	8	15	0,12

 MATERIAL **C 45 UNI 7845**

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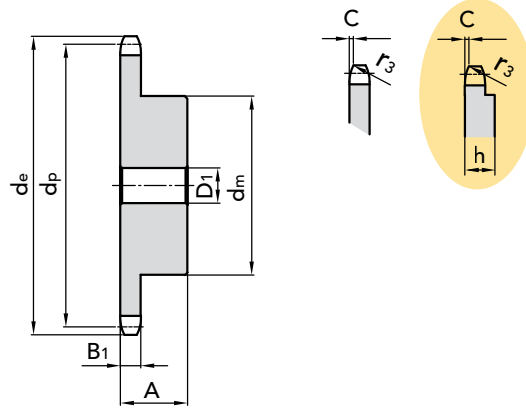

6 x 2.8 mm

CHAIN SPROCKETS

Tooth radius r_3	6	mm
Radius width \bar{C}	0,7	mm
Sprockets tooth width B_1	2,6	mm

CHAIN

Pitch	6	mm
Inner width	2,8	mm
Roller \varnothing	4	mm



SIMPLEX

Z	d _e	d _p	PART NUMBER	d _m	D ₁	A	kg.
8	18,00	15,67	10106008	9,8	5	10	0,01
9	19,90	17,54	10106009	11,5	5	10	0,01
10	21,70	19,42	10106010	13	6	10	0,01
11	23,60	21,30	10106011	14	6	10	0,01
12	25,40	23,18	10106012	16	6	10	0,02
13	27,30	25,05	10106013	18	8	10	0,02
14	29,20	26,96	10106014	20	8	10	0,03
15	31,00	28,86	10106015	20	8	10	0,03
16	33,00	30,76	10106016	20	8	13	0,03
17	35,00	32,65	10106017	20	8	13	0,04
18	36,90	34,55	10106018	20	8	13	0,04
19	38,80	36,44	10106019	20	8	13	0,04
20	40,70	38,34	10106020	20	8	13	0,04
21	42,60	40,25	10106021	25	8	13	0,06
22	44,50	42,16	10106022	25	8	13	0,06
23	46,40	44,06	10106023	25	8	13	0,06
24	48,30	45,96	10106024	25	8	13	0,07
25	50,20	47,87	10106025	25	8	13	0,07
26	52,10	49,76	10106026	30	8	15	0,10
27	54,00	51,67	10106027	30	8	15	0,10
28	55,90	53,58	10106028	30	8	15	0,11
29	57,80	55,50	10106029	30	8	15	0,11
30	59,80	57,42	10106030	30	8	15	0,11
31	61,70	59,31	10106031	30	8	15	0,11
32	63,60	61,21	10106032	30	8	15	0,12
33	65,50	63,11	10106033	30	8	15	0,12
34	67,40	65,02	10106034	30	8	15	0,12
35	69,30	66,93	10106035	30	8	15	0,13
36	71,20	68,84	10106036	30	8	15	0,13
37	73,10	70,75	10106037	30	8	15	0,14
38	75,00	72,66	10106038	30	8	15	0,14
39	76,90	74,57	10106039	30	8	15	0,14
40	78,90	76,47	10106040	30	8	15	0,15
45	88,50	86,01	10106045	40	10	16	0,46
48	94,20	91,74	10106048	62	12	18	0,48
50	98,00	95,55	10106050	50	12	20	0,49
57	111,40	108,93	10106057	50	12	20	0,53
76	147,60	145,19	10106076	60	12	20	1,58

MATERIAL C 45 UNI 7845

From Z 57 to Z 76 the width disk wheel is increased to h = 4mm

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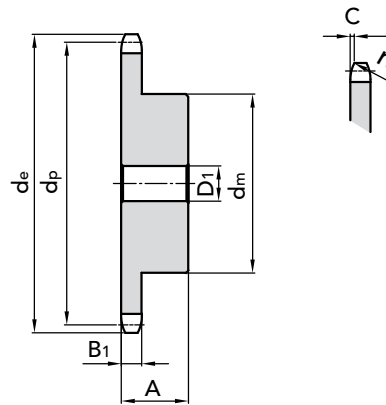



1/4" x 1/8"
CHAIN SPROCKETS

Tooth radius r_3	6,4	mm
Radius width \check{C}	0,7	mm
Sprockets tooth width B_{1a}	2,9	mm

CHAIN

Pitch	6,35	mm
Inner width	3,18	mm
Roller \varnothing	3,3	mm


SIMPLEX

Z	d _e	d _p	PART NUMBER	d _m	D ₁	A	kg.
8	19,40	16,58	10107008	10	6	12	0,01
9	21,40	18,56	10107009	11,5	6	12	0,01
10	23,30	20,55	10107010	13	6	12	0,02
11	25,30	22,54	10107011	15	8	13	0,02
12	27,30	24,53	10107012	17	8	13	0,02
13	29,30	26,53	10107013	17	8	13	0,03
14	31,30	28,53	10107014	17	8	13	0,03
15	33,30	30,53	10107015	20	8	13	0,04
16	35,30	32,55	10107016	22	8	14	0,05
17	37,30	34,55	10107017	22	8	14	0,05
18	39,40	36,56	10107018	25	8	14	0,06
19	41,40	38,58	10107019	25	8	14	0,06
20	43,40	40,58	10107020	25	8	14	0,06
21	45,40	42,60	10107021	30	8	14	0,08
22	47,40	44,62	10107022	30	8	14	0,09
23	49,40	46,63	10107023	30	8	14	0,09
24	51,40	48,64	10107024	30	8	14	0,09
25	53,50	50,66	10107025	30	8	14	0,10
26	55,50	52,67	10107026	30	8	16	0,11
27	57,50	54,69	10107027	30	8	16	0,12
28	59,50	56,71	10107028	30	8	16	0,12
29	61,50	58,73	10107029	30	8	16	0,12
30	63,60	60,75	10107030	30	8	16	0,13
31	65,60	62,76	10107031	30	8	16	0,13
32	67,60	64,78	10107032	30	8	16	0,13
33	69,60	66,80	10107033	30	8	16	0,14
34	71,60	68,82	10107034	30	8	16	0,17
35	73,60	70,84	10107035	30	8	16	0,17
36	75,60	72,85	10107036	30	8	16	0,15
37	77,70	74,87	10107037	30	8	16	0,18
38	79,70	76,89	10107038	30	8	16	0,16
39	81,70	78,91	10107039	30	8	16	0,19
40	83,70	80,93	10107040	30	8	16	0,17

 MATERIAL **C 45 UNI 7845**

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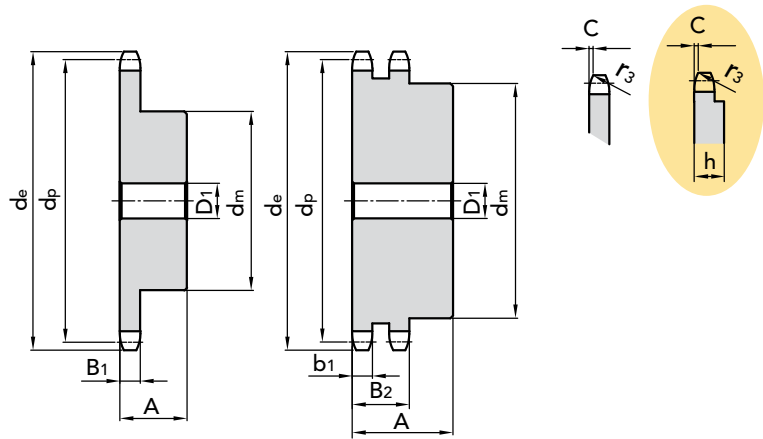

8 x 3 mm

CHAIN SPROCKETS

Tooth radius r_3	8	mm
Radius width \bar{C}	1,0	mm
Sprockets tooth width B_1	2,8	mm
Sprockets tooth width b_1	2,7	mm
Sprockets tooth width B_2	8,3	mm

CHAIN

Pitch	8	mm
Inner width	3	mm
Roller \varnothing	5	mm



SIMPLEX

DUPLEX

Z	d_e	d_p	PART NUMBER	d_m	D_1	A	kg.	PART NUMBER	d_m	D_1	A	kg.
8	24,00	20,90	10108008	13	6	12	0,01	10208008	12	8	18	0,02
9	26,60	23,39	10108009	15	6	12	0,02	10208009	15	8	18	0,03
10	29,20	25,89	10108010	17	8	12	0,02	10208010	17	8	18	0,03
11	31,70	28,39	10108011	18	8	13	0,03	10208011	19	10	18	0,04
12	34,20	30,91	10108012	20	8	13	0,04	10208012	21	10	18	0,05
13	36,70	33,42	10108013	23	8	13	0,05	10208013	24	10	18	0,07
14	39,20	35,95	10108014	25	8	13	0,05	10208014	26	10	18	0,08
15	41,70	38,48	10108015	28	8	13	0,07	10208015	29	10	18	0,10
16	44,30	41,01	10108016	30	8	14	0,08	10208016	32	10	20	0,13
17	46,80	43,53	10108017	30	8	14	0,09	10208017	34	10	20	0,15
18	49,30	46,07	10108018	30	8	14	0,09	10208018	37	10	20	0,17
19	51,90	48,61	10108019	30	8	14	0,09	10208019	39	10	20	0,20
20	54,40	51,14	10108020	30	8	14	0,10	10208020	40	10	20	0,21
21	57,00	53,68	10108021	35	8	14	0,12	10208021	40	10	20	0,25
22	59,50	56,21	10108022	35	8	14	0,13	10208022	40	10	20	0,26
23	62,00	58,75	10108023	35	8	14	0,13	10208023	40	10	20	0,28
24	64,60	61,29	10108024	35	8	14	0,14	10208024	40	10	20	0,23
25	67,50	63,83	10108025	35	8	14	0,15	10208025	40	10	20	0,31
26	69,50	66,37	10108026	40	10	16	0,19	10208026	50	12	22	0,38
27	72,20	68,91	10108027	40	10	16	0,20	10208027	50	12	22	0,40
28	74,80	71,45	10108028	40	10	16	0,21	10208028	50	12	22	0,42
29	77,30	73,99	10108029	40	10	16	0,22	10208029	50	12	22	0,44
30	79,80	76,53	10108030	40	10	16	0,22	10208030	50	12	22	0,45
31	82,40	79,08	10108031	40	10	16	0,22	10208031	60	12	22	0,58
32	84,90	81,61	10108032	40	10	16	0,23	10208032	60	12	22	0,59
33	87,50	84,16	10108033	40	10	16	0,24	10208033	60	12	22	0,62
34	90,00	86,70	10108034	40	10	16	0,25	10208034	60	12	22	0,64
35	92,50	89,25	10108035	40	10	16	0,25	10208035	60	12	22	0,65
36	95,00	91,79	10108036	40	10	16	0,26	10208036	60	12	22	0,67
37	97,60	94,33	10108037	40	10	16	0,27	10208037	60	12	22	0,71
38	100,20	96,88	10108038	40	10	16	0,28	10208038	60	12	22	0,72
39	102,70	99,42	10108039	40	10	16	0,29	10208039	60	12	22	0,74
40	105,30	101,97	10108040	40	10	16	0,58	10208040	60	12	22	0,77
45	118,00	114,69	10108045	60	12	20	0,67					
48	125,6	122,32	10108048	60	12	20	0,63					
50	130,70	127,41	10108050	60	12	20	1,00					
57	148,60	145,22	10108057	80	14	20	1,53					
76	197,70	193,59	10108076	80	20	25	1,94					

MATERIAL C 45 UNI 7845

From Z 57 to Z 76 the width of the wheel disk increased to $h = 4\text{mm}$

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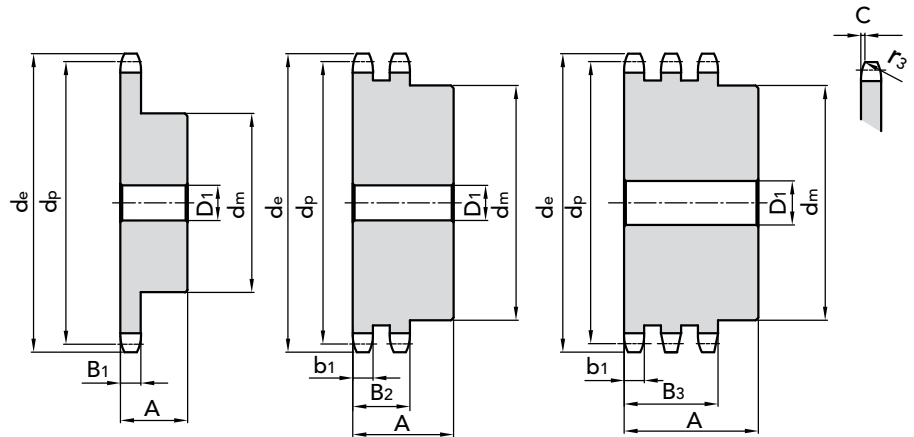



3/8" x 7/32"
CHAIN SPROCKETS

Tooth radius r_3	10	mm
Radius width $\overset{\circ}{C}$	1	mm
Sprockets tooth width B_1	5,3	mm
Sprockets tooth width b_1	5,2	mm
Sprockets tooth width B_2	15,4	mm
Sprockets tooth width B_3	25,6	mm

CHAIN

Pitch	9,525	mm
Inner width	5,72	mm
Roller \varnothing	6,35	mm



Z	d_e	d_p	SIMPLEX				DUPLEX				TRIPLEX						
			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	28,54	24,89	10109008	15	6	22	0,03	10209008	15	6	22	0,04	10309008	15	6	32	0,05
9	31,50	27,85	10109009	18	8	22	0,04	10209009	18	8	22	0,05	10309009	18	8	32	0,06
10	34,47	30,82	10109010	20	8	22	0,05	10209010	20	8	22	0,07	10309010	20	10	32	0,09
11	37,46	33,81	10109011	22	8	25	0,08	10209011	22	10	25	0,10	10309011	22	10	35	0,11
12	40,45	36,80	10109012	25	8	25	0,10	10209012	25	10	25	0,13	10309012	25	10	35	0,15
13	43,45	39,80	10109013	28	10	25	0,13	10209013	28	10	25	0,16	10309013	28	10	35	0,18
14	46,45	42,80	10109014	31	10	25	0,16	10209014	31	10	25	0,20	10309014	31	12	35	0,23
15	49,46	45,81	10109015	34	10	25	0,19	10209015	34	10	25	0,24	10309015	34	12	35	0,27
16	52,47	48,82	10109016	37	10	28	0,24	10209016	37	12	30	0,27	10309016	37	12	35	0,35
17	55,49	51,84	10109017	40	10	28	0,28	10209017	40	12	30	0,32	10309017	40	12	35	0,40
18	58,50	54,85	10109018	43	10	28	0,33	10209018	43	12	30	0,38	10309018	43	12	35	0,45
19	61,52	57,87	10109019	45	10	28	0,36	10209019	46	12	30	0,42	10309019	46	12	35	0,50
20	64,54	60,89	10109020	46	10	28	0,39	10209020	49	12	30	0,48	10309020	49	12	35	0,55
21	67,56	63,91	10109021	48	12	28	0,42	10209021	52	12	30	0,52	10309021	52	14	40	0,70
22	70,58	66,93	10109022	50	12	28	0,46	10209022	55	12	30	0,58	10309022	55	14	40	0,80
23	73,60	69,95	10109023	52	12	28	0,50	10209023	58	12	30	0,64	10309023	58	14	40	0,90
24	76,62	72,97	10109024	54	12	28	0,54	10209024	61	12	30	0,71	10309024	61	14	40	0,98
25	79,65	76,00	10109025	57	12	28	0,60	10209025	64	12	30	0,79	10309025	64	14	40	1,05
26	82,67	79,02	10109026	60	12	28	0,66	10209026	67	12	30	0,87	10309026	67	14	40	1,15
27	85,70	82,05	10109027	60	12	28	0,67	10209027	70	12	30	0,94	10309027	70	14	40	1,25
28	88,72	85,07	10109028	60	12	28	0,69	10209028	73	12	30	1,03	10309028	73	14	40	1,35
29	91,75	88,10	10109029	60	12	28	0,70	10209029	76	12	30	1,11	10309029	76	14	40	1,46
30	94,77	91,12	10109030	60	12	30	0,72	10209030	79	12	30	1,20	10309030	79	14	40	1,60
31	97,80	94,15	10109031	65	14	30	0,87	10209031	80	16	30	1,27	10309031	80	16	40	1,70
32	100,83	97,18	10109032	65	14	30	0,89	10209032	80	16	30	1,32	10309032	80	16	40	1,77
33	103,85	100,20	10109033	65	14	30	0,91	10209033	80	16	30	1,37	10309033	80	16	40	1,85
34	106,88	103,23	10109034	65	14	30	0,92	10209034	80	16	30	1,43	10309034	85	16	40	2,00
35	109,91	106,26	10109035	65	14	30	0,95	10209035	80	16	30	1,49	10309035	85	16	40	2,15
36	112,94	109,29	10109036	70	16	30	1,05	10209036	90	16	30	1,70	10309036	90	16	40	2,25
37	115,97	112,32	10109037	70	16	30	1,09	10209037	90	16	30	1,76	10309037	90	16	40	2,30
38	118,99	115,34	10109038	70	16	30	1,10	10209038	90	16	30	1,81	10309038	90	16	40	2,55
39	122,02	118,37	10109039	70	16	30	1,12	10209039	90	16	30	1,88	10309039	90	16	40	2,65
40	125,05	121,40	10109040	70	16	30	1,14	10209040	90	16	30	1,95	10309040	90	16	40	2,80
42	131,11	127,46	10109042	80	16	35	1,56	10209042	90	16	40	2,44					
45	140,20	136,55	10109045	80	16	35	1,66	10209045	90	16	40	3,15	10309045	90	16	56	4,72
48	149,29	145,64	10109048	80	16	35	1,75	10209048	90	16	40	3,43					
50	155,34	151,69	10109050	80	16	35	1,80	10209050	90	16	40	3,53	10309050	90	16	56	5,29
57	176,56	172,91	10109057	80	16	35	1,96	10209057	90	16	40	4,16	10309057	90	16	56	6,24
60	185,65	182,00	10109060	80	16	35	2,03	10209060	90	16	40	4,45	10309060	90	20	56	6,67
76	234,14	230,49	10109076	80	20	35	2,67	10209076	90	20	40	6,23	10309076	100	20	56	9,34

MATERIAL **C 45 UNI 7845**
FOR MONOLITHIC CHAIN SPROCKETS

MATERIAL **FE**
FOR CHAIN SPROCKETS WITH WELDED HUB

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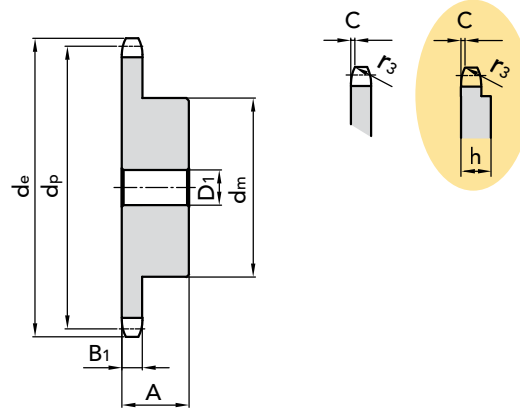
1/2" x 1/8"

CHAIN SPROCKETS

Tooth radius r_3	13	mm
Radius width \bar{C}	1	mm
Sprockets tooth width B_1	3	mm

CHAIN

Pitch	12,7	mm
Inner width	3,3	mm
Roller \varnothing	7,75	mm



SIMPLEX

Z	d _e	d _p	PART NUMBER	d _m	D ₁	A	kg.
8	38,44	33,18	10110008	21	8	14	0,04
9	42,38	37,13	10110009	25	8	14	0,06
10	46,35	41,10	10110010	28	8	14	0,07
11	50,33	45,07	10110011	31	8	16	0,10
12	54,32	49,07	10110012	35	8	16	0,13
13	58,32	53,06	10110013	39	8	16	0,16
14	62,32	57,07	10110014	43	8	16	0,19
15	66,33	61,09	10110015	47	8	16	0,23
16	70,35	65,10	10110016	50	10	18	0,29
17	74,37	69,11	10110017	50	10	18	0,30
18	78,39	73,14	10110018	50	10	18	0,31
19	82,41	77,16	10110019	50	10	18	0,32
20	86,43	81,19	10110020	50	10	18	0,33
21	90,46	85,22	10110021	60	12	20	0,48
22	94,49	89,24	10110022	60	12	20	0,49
23	98,52	93,27	10110023	60	12	20	0,51
24	102,55	97,29	10110024	60	12	20	0,52
25	106,58	101,33	10110025	60	12	20	0,53
26	110,61	105,36	10110026	70	16	20	0,67
27	114,65	109,40	10110027	70	16	20	0,69
28	118,68	113,42	10110028	70	16	20	0,70
29	122,71	117,46	10110029	70	16	20	0,72
30	126,75	121,50	10110030	70	16	20	0,74
31	130,76	125,54	10110031	70	16	20	0,76
32	134,82	129,56	10110032	70	16	20	0,77
33	138,86	133,60	10110033	70	16	20	0,79
34	142,89	137,64	10110034	70	16	20	0,81
35	146,93	141,68	10110035	70	16	20	0,83
36	150,97	145,72	10110036	70	16	25	1,00
37	155,00	149,76	10110037	70	16	25	1,02
38	159,04	153,80	10110038	70	16	25	1,04
39	163,08	157,83	10110039	70	16	25	1,06
40	167,12	161,87	10110040	70	16	25	1,09

MATERIAL **C 45 UNI 7845**

From **Z 31** the width of the disk wheel is increased to **h = 5mm**

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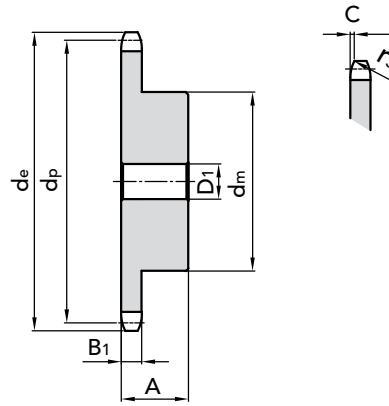
CHAIN SPROCKETS 1/2" x 1/8" for roller chains in compliance with DIN 8187 - ISO/R 606


1/2" x 3/16"
CHAIN SPROCKETS

Tooth radius r_3	13 mm
Radius width \bar{C}	1,3 mm
Sprockets tooth width B_1	4,5 mm

CHAIN

Pitch	12,7 mm
Inner width	4,88 mm
Roller \varnothing	7,75 mm


SIMPLEX

Z	d_e	d_p	PART NUMBER	d_m	D_1	A	kg.
8	38,50	33,18	10111008	21	8	14	0,02
9	41,50	37,13	10111009	25	8	14	0,03
10	46,20	41,10	10111010	28	8	14	0,04
11	49,60	45,07	10111011	31	8	16	0,05
12	53,90	49,07	10111012	35	8	16	0,05
13	58,40	53,06	10111013	39	8	16	0,06
14	62,80	57,07	10111014	43	8	16	0,08
15	66,80	61,09	10111015	47	8	16	0,09
16	70,90	65,10	10111016	50	10	18	0,10
17	74,90	69,11	10111017	50	10	18	0,12
18	78,90	73,14	10111018	50	10	18	0,13
19	82,90	77,16	10111019	50	10	18	0,15
20	86,90	81,19	10111020	50	10	18	0,16
21	91,00	85,22	10111021	60	12	20	0,18
22	95,00	89,24	10111022	60	12	20	0,20
23	99,00	93,27	10111023	60	12	20	0,22
24	103,00	97,29	10111024	60	12	20	0,24
25	107,10	101,33	10111025	60	12	20	0,26
26	111,20	105,36	10111026	70	16	20	0,28
27	115,40	109,40	10111027	70	16	20	0,30
28	119,40	113,42	10111028	70	16	20	0,33
29	123,40	117,46	10111029	70	16	20	0,35
30	127,50	121,50	10111030	70	16	20	0,38
31	131,50	125,54	10111031	70	16	20	0,40
32	135,50	129,56	10111032	70	16	20	0,43
33	139,60	133,60	10111033	70	16	20	0,46
34	143,60	137,64	10111034	70	16	20	0,49
35	147,60	141,68	10111035	70	16	20	0,52
36	151,70	145,72	10111036	70	16	25	0,55
37	155,70	149,76	10111037	70	16	25	0,58
38	159,80	153,80	10111038	70	16	25	0,62
39	163,80	157,83	10111039	70	16	25	0,65
40	167,80	161,87	10111040	70	16	25	0,68

 MATERIAL **C 45 UNI 7845**

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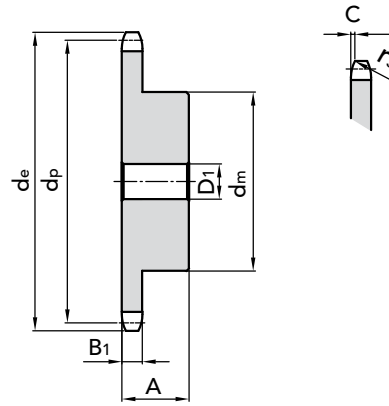

1/2" x 1/4" rullo 7.75

CHAIN SPROCKETS

Tooth radius r_3	13	mm
Radius width \bar{C}	1,3	mm
Sprockets tooth width B_1	5,9	mm

CHAIN

Pitch	12,7	mm
Inner width	6,4	mm
Roller \varnothing	7,75	mm



SIMPLEX

Z	d _e	d _p	PART NUMBER	d _m	D ₁	A	kg.
15							
16							
17	74,37	69,11	10113017	52	8	28	0,51
21	90,46	85,22	10113021	68	8	28	0,83
22	94,49	89,24	10113022	70	8	28	0,90
23	98,52	93,27	10113023	70	8	28	0,94
25							
26	110,61	105,36	10113026	70	8	30	1,09
27							
28	118,68	113,42	10113028	70	10	30	1,13
29							
30	126,75	121,50	10113030	80	10	30	1,41
31	130,78	125,54	10113031	90	10	30	1,22
32							
33							
34	142,89	137,64	10113034	90	10	30	1,83
35	146,93	141,68	10113035	90	10	30	1,89
36	150,97	145,72	10113036	90	10	30	2,14
38	159,04	153,80	10113038	90	12	35	2,22
39							
40							

MATERIAL C 45 UNI 7845

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Quantity, availability and prices
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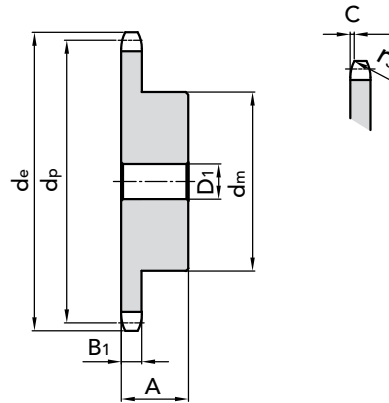



1/2" x 1/4" rullo 8.51
CHAIN SPROCKETS

Tooth radius r_3	13	mm
Radius width \bar{C}	1,3	mm
Sprockets tooth width B_1	5,9	mm

CHAIN

Pitch	12,7	mm
Inner width	6,4	mm
Roller \varnothing	8,51	mm


SIMPLEX

Z	d_e	d_p	PART NUMBER	d_m	D_1	A	kg.
8	37,68	33,19	10114008	20	8	25	0,45
9	41,62	37,13	10114009	24	8	25	0,48
11							
15	65,57	61,08	10114015	45	8	28	0,53
16							
17							
19	81,65	77,16	10114019	60	8	28	0,59
21							
22	93,73	89,24	10114022	70	10	28	0,78
23	97,76	93,27	10114023	70	10	28	0,91
25	105,82	101,33	10114025	70	10	28	0,98
26	109,85	105,36	10114026	70	10	30	1,01
27	113,89	109,40	10114027	70	10	30	1,04
28	117,92	113,43	10114028	70	10	30	1,18
29	121,95	117,46	10114029	80	10	30	1,25
30							
31	130,02	125,53	10114031	90	10	30	1,39
32	134,06	129,57	10114032	90	10	30	1,44
33	138,10	133,61	10114033	90	12	30	1,49
34							
35							
36	150,21	145,72	10114036	90	12	35	1,64
38	158,28	153,79	10114038	90	12	35	1,66
39							
40	166,36	161,87	10114040	90	12	35	1,78

 MATERIAL **C 45 UNI 7845**

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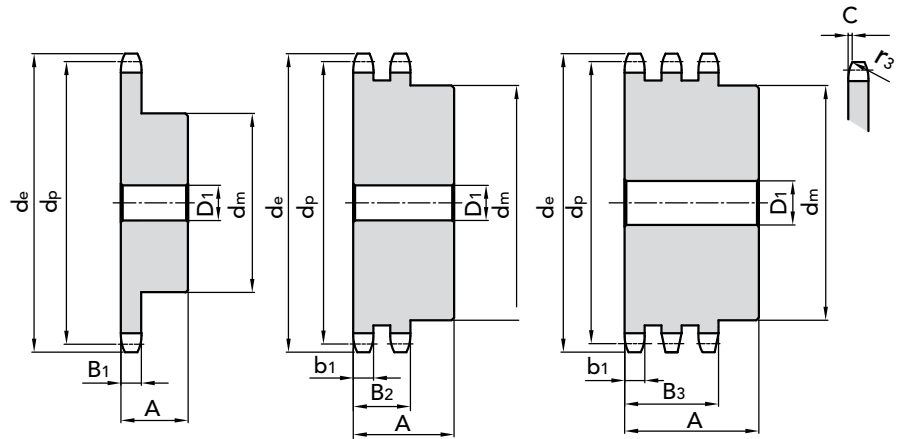

1/2" x 5/16"

CHAIN SPROCKETS

Tooth radius r_3	13	mm
Radius width \bar{C}	1,3	mm
Sprockets tooth width B_1	7,2	mm
Sprockets tooth width b_1	7	mm
Sprockets tooth width B_2	21	mm
Sprockets tooth width B_3	34,9	mm

CHAIN

Pitch	12,7	mm
Inner width	7,75	mm
Roller \varnothing	8,51	mm



SIMPLEX

DUPLEX

TRIPLEX

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	37,68	33,18	10112008	20	10	25	0,06	10212008	20	10	32	0,09	10312008	20	10	46	0,13
9	41,62	37,13	10112009	24	10	25	0,09	10212009	24	10	32	0,13	10312009	24	12	46	0,18
10	45,59	41,10	10112010	26	10	25	0,12	10212010	28	10	32	0,18	10312010	28	12	46	0,24
11	49,57	45,07	10112011	29	10	25	0,15	10212011	32	12	35	0,24	10312011	32	14	50	0,31
12	53,56	49,07	10112012	33	10	28	0,21	10212012	35	12	35	0,30	10312012	35	14	50	0,39
13	57,56	53,06	10112013	37	10	28	0,26	10212013	38	12	35	0,36	10312013	38	14	50	0,49
14	61,56	57,07	10112014	41	10	28	0,32	10212014	42	12	35	0,44	10312014	42	14	50	0,60
15	65,57	61,09	10112015	45	10	28	0,38	10212015	46	12	35	0,52	10312015	46	14	50	0,72
16	69,59	65,10	10112016	50	12	28	0,46	10212016	50	14	35	0,63	10312016	50	16	50	0,85
17	73,61	69,11	10112017	52	12	28	0,51	10212017	54	14	35	0,73	10312017	54	16	50	0,99
18	77,63	73,14	10112018	56	12	28	0,59	10212018	58	14	35	0,85	10312018	58	16	50	1,14
19	81,65	77,16	10112019	60	12	28	0,67	10212019	62	14	35	0,97	10312019	62	16	50	1,30
20	85,67	81,19	10112020	64	12	28	0,76	10212020	66	14	35	1,10	10312020	66	16	50	1,47
21	89,70	85,22	10112021	68	12	28	0,85	10212021	70	16	40	1,29	10312021	70	20	55	1,79
22	93,73	89,24	10112022	70	12	28	0,91	10212022	70	16	40	1,37	10312022	70	20	55	1,93
23	97,76	93,27	10112023	70	14	28	0,95	10212023	70	16	40	1,46	10312023	70	20	55	2,08
24	101,79	97,29	10112024	70	14	28	0,98	10212024	75	16	40	1,64	10312024	75	20	55	2,32
25	105,82	101,33	10112025	70	14	28	1,01	10212025	80	16	40	1,82	10312025	80	20	55	2,57
26	109,65	105,36	10112026	70	16	30	1,09	10212026	85	20	40	2,02	10312026	85	20	55	2,79
27	113,89	109,40	10112027	70	16	30	1,13	10212027	85	20	40	2,12	10312027	85	20	55	2,96
28	117,92	113,42	10112028	70	16	30	1,17	10212028	90	20	40	2,34	10312028	90	20	55	3,25
29	121,95	117,46	10112029	80	16	30	1,42	10212029	95	20	40	2,56	10312029	95	20	55	3,55
30	125,99	121,50	10112030	80	16	30	1,46	10212030	100	20	40	2,79	10312030	100	20	55	3,86
31	130,02	125,54	10112031	90	16	30	1,74	10212031	100	20	40	2,87	10312031	110	20	55	4,42
32	134,40	129,56	10112032	90	16	30	1,78	10212032	100	20	40	3,00	10312032	110	20	55	4,53
33	138,10	133,60	10112033	90	16	30	1,83	10212033	100	20	40	3,13	10312033	110	20	55	4,74
34	142,13	137,64	10112034	90	16	30	1,88	10212034	100	20	40	3,26	10312034	110	20	55	4,97
35	146,17	141,68	10112035	90	16	30	1,93	10212035	100	20	40	3,40	10312035	110	20	55	5,20
36	150,21	145,72	10112036	90	16	35	2,22	10212036	110	20	40	3,54	10312036	120	25	55	5,64
37	154,24	149,76	10112037	90	16	35	2,27	10212037	110	20	40	3,69	10312037	120	25	55	5,88
38	158,28	153,80	10112038	90	16	35	2,32	10212038	110	20	40	3,84	10312038	120	25	55	6,14
39	162,32	157,83	10112039	90	16	35	2,38	10212039	110	20	40	4,00	10312039	120	25	55	6,40
40	166,36	161,87	10112040	90	16	35	2,43	10212040	110	20	40	4,15	10312040	120	25	55	6,66
42	174,43	169,94	10112042	90	20	40	2,80	10212042	110	20	50	5,67					
45	186,50	182,06	10112045	90	20	40	3,10	10212045	110	20	50	6,26	10312045	110	25	60	9,12
48	198,67	194,18	10112048	90	20	40	3,30	10212048	110	20	50	6,75					
50	206,75	202,26	10112050	90	20	40	3,50	10212050	110	20	50	7,17	10312050	110	25	60	10,74
57	235,03	230,54	10112057	90	20	40	4,10	10212057	110	25	50	8,65	10312057	110	25	60	13,26
60	247,15	242,66	10112060	90	20	40	4,30	10212060	110	25	50	9,35	10312060	110	25	60	14,40
76	311,81	307,32	10112076	90	25	40	5,80	10212076	110	25	56	13,3	10312076	110	25	60	21,78

MATERIAL **C 45 UNI 7845**
FOR MONOLITHIC CHAIN SPROCKETS

MATERIAL **FE**
FOR CHAIN SPROCKETS WITH WELDED HUB

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CHAIN SPROCKETS 1/2" x 5/16" for roller chains in compliance with DIN 8187 - ISO/R 606



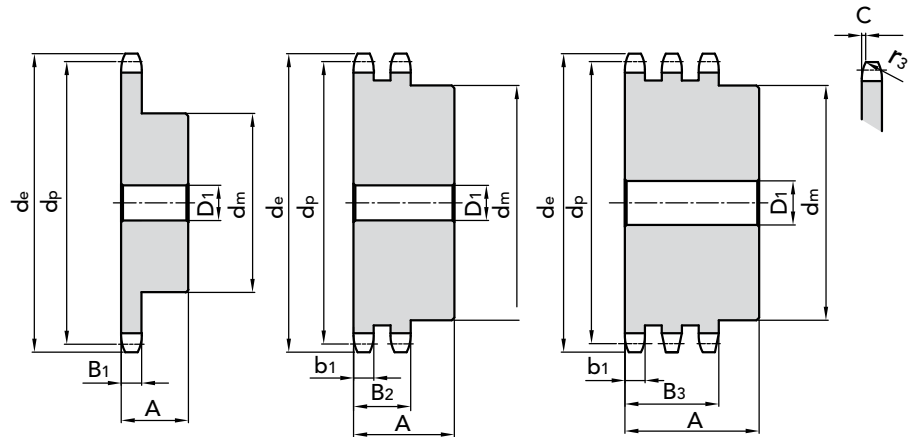
5/8" x 3/8"

CHAIN SPROCKETS

Tooth radius r_3	16	mm
Radius width \bar{C}	1,6	mm
Sprockets tooth width B_1	9,1	mm
Sprockets tooth width b_1	9	mm
Sprockets tooth width B_2	25,5	mm
Sprockets tooth width B_3	42,1	mm

CHAIN

Pitch	15,875	mm
Inner width	9,65	mm
Roller \varnothing	10,16	mm



SIMPLEX

DUPLEX

TRIPLEX

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	48,32	41,48	10115008	25	10	25	0,12	10215008	25	12	40	0,19	10315008	25	12	55	0,27
9	53,26	46,42	10115009	30	10	25	0,16	10215009	30	12	40	0,27	10315009	30	12	55	0,38
10	58,21	51,37	10115010	35	10	25	0,22	10215010	35	12	40	0,36	10315010	35	16	55	0,47
11	63,19	56,35	10115011	37	12	30	0,29	10215011	39	14	40	0,43	10315011	39	16	55	0,61
12	68,18	61,34	10115012	42	12	30	0,37	10215012	44	14	40	0,55	10315012	44	16	55	0,78
13	73,17	66,33	10115013	47	12	30	0,46	10215013	49	14	40	0,68	10315013	49	16	55	0,96
14	78,18	71,34	10115014	52	12	30	0,56	10215014	54	14	40	0,82	10315014	54	16	55	1,15
15	83,19	76,35	10115015	57	12	30	0,67	10215015	59	14	40	0,97	10315015	59	16	55	1,37
16	88,21	81,37	10115016	60	12	30	0,76	10215016	64	16	45	1,26	10315016	64	16	60	1,72
17	93,23	86,39	10115017	60	12	30	0,88	10215017	69	16	45	1,46	10315017	69	16	60	1,99
18	98,26	91,42	10115018	70	14	30	1,01	10215018	74	16	45	1,67	10315018	74	16	60	2,27
19	103,29	96,45	10115019	70	14	30	1,15	10215019	79	16	45	1,90	10315019	79	16	60	2,58
20	108,32	101,48	10115020	75	14	30	1,21	10215020	84	16	45	2,14	10315020	84	16	60	2,91
21	113,35	106,51	10115021	75	16	30	1,35	10215021	85	16	45	2,27	10315021	85	20	60	3,12
22	118,39	111,55	10115022	80	16	30	1,41	10215022	90	16	45	2,54	10315022	90	20	60	3,48
23	123,43	116,59	10115023	80	16	30	1,47	10215023	95	16	45	2,82	10315023	95	20	60	3,48
24	128,46	121,62	10115024	80	16	30	1,54	10215024	100	16	45	3,11	10315024	100	20	60	4,86
25	133,50	126,66	10115025	80	16	30	1,60	10215025	105	16	45	3,15	10315025	105	20	60	4,25
26	138,54	131,70	10115026	85	20	35	1,96	10215026	110	16	45	3,74	10315026	110	20	60	4,67
27	143,58	136,74	10115027	85	20	35	2,04	10215027	110	20	45	3,94	10315027	110	20	60	5,10
28	148,63	141,79	10115028	90	20	35	2,25	10215028	115	20	45	4,28	10315028	115	20	60	5,43
29	153,67	146,83	10115029	90	20	35	2,33	10215029	115	20	45	4,50	10315029	115	20	60	5,90
30	158,71	151,87	10115030	90	20	35	2,41	10215030	120	20	45	4,87	10315030	120	20	60	6,25
31	163,76	156,92	10115031	95	20	35	2,64	10215031	120	20	45	5,10	10315031	120	20	60	7,18
32	168,80	161,96	10115032	95	20	35	2,73	10215032	120	20	45	5,34	10315032	120	20	60	7,56
33	173,85	167,01	10115033	95	20	35	2,82	10215033	120	20	45	5,59	10315033	120	20	60	7,97
34	178,89	172,05	10115034	95	20	35	2,92	10215034	120	20	45	5,84	10315034	120	20	60	8,36
35	183,94	177,10	10115035	95	20	35	3,01	10215035	120	20	45	6,11	10315035	120	20	60	8,74
36	188,99	182,15	10115036	100	20	35	3,27	10215036	120	20	45	6,38	10315036	120	25	60	9,15
37	194,03	187,19	10115037	100	20	35	3,37	10215037	120	20	45	6,66	10315037	120	25	60	9,61
38	199,08	192,24	10115038	100	20	35	3,47	10215038	120	20	45	6,95	10315038	120	25	60	10,08
39	204,13	197,29	10115039	100	20	35	3,58	10215039	120	20	45	7,25	10315039	120	25	60	10,57
40	209,17	202,33	10115040	100	20	35	3,69	10215040	120	20	45	7,55	10315040	120	25	60	11,97
42	219,27	212,43	10115042	100	20	40	4,73	10215042	130	20	50	9,35					
45	234,42	227,58	10115045	100	20	40	5,09	10215045	130	20	50	10,32	10315045	130	25	60	15,70
48	249,57	242,73	10115048	100	20	40	5,43	10215048	130	20	50	11,40					
50	259,66	252,82	10115050	100	20	40	5,70	10215050	130	20	50	12,11	10315050	130	25	60	18,83
57	295,02	288,18	10115057	100	20	40	6,66	10215057	130	20	50	15,74	10315057	130	25	60	23,40
60	310,17	303,33	10115060	100	20	40	7,15	10215060	130	20	50	16,40	10315060	130	25	60	25,80
76	390,99	384,15	10115076	100	20	50	10,28	10215076	130	20	63	24,93	10315076	130	25	67	40,25

MATERIAL **C 45 UNI 7845**
FOR MONOLITHIC CHAIN SPROCKETS

MATERIAL **FE**
FOR CHAIN SPROCKETS WITH WELDED HUB

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Quantity, availability and prices
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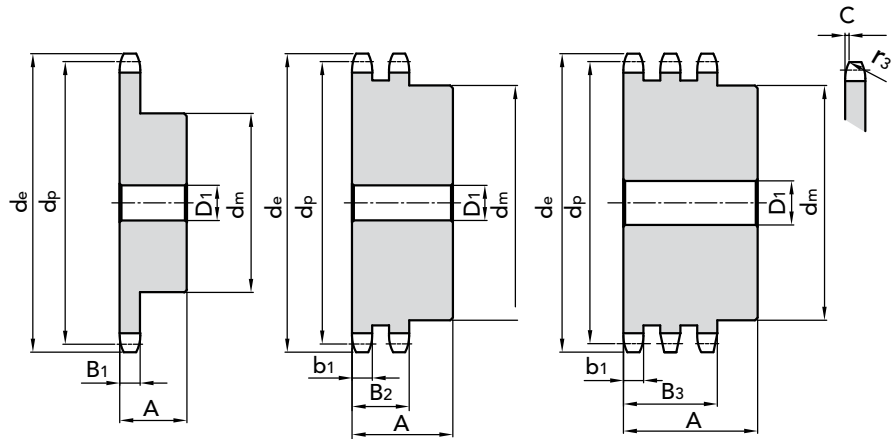
3/4" x 7/16"

CHAIN SPROCKETS

Tooth radius r_3	19	mm
Radius width \check{C}	2	mm
Sprockets tooth width B_1	11,1	mm
Sprockets tooth width b_1	10,8	mm
Sprockets tooth width B_2	30,3	mm
Sprockets tooth width B_3	49,8	mm

CHAIN

Pitch	19,05	mm
Inner width	11,68	mm
Roller \varnothing	12,07	mm



SIMPLEX

DUPLEX

TRIPLEX

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	57,31	49,78	10119008	31	12	30	0,21	10219008	31	12	45	0,31	10319008	31	16	65	0,45
9	63,23	55,70	10119009	37	12	30	0,29	10219009	37	12	45	0,44	10319009	37	16	65	0,64
10	69,18	61,65	10119010	42	12	30	0,38	10219010	42	12	45	0,59	10319010	42	16	65	0,86
11	75,15	67,62	10119011	46	14	35	0,51	10219011	47	16	50	0,81	10319011	47	20	70	1,09
12	81,13	73,60	10119012	52	14	35	0,65	10219012	53	16	50	1,02	10319012	53	20	70	1,39
13	87,13	79,60	10119013	58	14	35	0,80	10219013	59	16	50	1,25	10319013	59	20	70	1,72
14	93,14	85,61	10119014	64	14	35	0,97	10219014	65	16	50	1,46	10319014	65	20	70	2,08
15	99,16	91,63	10119015	70	14	35	1,16	10219015	71	16	50	1,74	10319015	71	20	70	2,47
16	105,18	97,65	10119016	75	16	35	1,34	10219016	77	20	50	2,03	10319016	77	20	70	2,89
17	111,20	103,67	10119017	80	16	35	1,53	10219017	83	20	50	2,36	10319017	83	20	70	3,34
18	117,23	109,70	10119018	80	16	35	1,62	10219018	89	20	50	2,70	10319018	89	20	70	3,83
19	123,27	115,74	10119019	80	16	35	1,70	10219019	95	20	50	3,07	10319019	95	20	70	4,35
20	129,31	121,78	10119020	80	16	35	1,80	10219020	100	20	50	3,43	10319020	100	20	70	4,87
21	135,35	127,82	10119021	90	20	40	2,35	10219021	100	20	50	3,69	10319021	100	20	70	5,20
22	141,39	133,86	10119022	90	20	40	2,46	10219022	100	20	50	3,97	10319022	100	20	70	5,65
23	147,43	139,90	10119023	90	20	40	2,56	10219023	110	20	50	4,51	10319023	110	20	70	6,38
24	153,48	145,95	10119024	90	20	40	2,68	10219024	110	20	50	4,81	10319024	110	20	70	6,87
25	159,52	151,99	10119025	90	20	40	2,80	10219025	120	20	50	5,41	10319025	120	20	70	7,77
26	165,57	158,04	10119026	95	20	40	3,08	10219026	120	20	50	5,73	10319026	120	20	70	8,21
27	171,62	164,09	10119027	95	20	40	3,21	10219027	120	20	50	6,08	10319027	120	20	70	8,77
28	177,67	170,14	10119028	95	20	40	3,34	10219028	120	20	50	6,43	10319028	120	20	70	9,35
29	183,72	176,19	10119029	95	20	40	3,48	10219029	120	20	50	6,80	10319029	120	20	70	9,96
30	189,78	182,25	10119030	95	20	40	3,63	10219030	120	20	50	7,19	10319030	120	20	70	10,59
31	195,83	188,30	10119031	100	20	40	3,78	10219031	130	20	50	7,59	10319031	130	25	70	11,55
32	201,88	194,35	10119032	100	20	40	3,93	10219032	130	20	50	8,00	10319032	130	25	70	12,22
33	207,94	200,41	10119033	100	20	40	4,09	10219033	130	20	50	8,42	10319033	130	25	70	12,92
34	213,99	206,46	10119034	100	20	40	4,25	10219034	130	20	50	8,86	10319034	130	25	70	13,64
35	220,05	212,52	10119035	100	20	40	4,42	10219035	130	20	50	9,31	10319035	130	25	70	14,38
36	226,10	218,57	10119036	100	20	40	4,71	10219036	130	25	50	9,71	10319036	130	25	70	15,14
37	232,16	224,63	10119037	100	20	40	4,89	10219037	130	25	50	10,19	10319037	130	25	70	15,93
38	238,22	230,69	10119038	100	20	40	5,07	10219038	130	25	50	10,78	10319038	130	25	70	16,73
39	244,27	236,74	10119039	100	20	40	5,26	10219039	130	25	50	11,19	10319039	130	25	70	17,57
40	250,33	242,80	10119040	100	20	40	5,46	10219040	130	25	50	11,71	10319040	130	25	70	18,42
42	262,45	254,92	10119042	110	25	56	8,14	10219042	140	25	63	14,51					
45	280,62	273,09	10119045	110	25	56	8,85	10219045	140	25	63	16,35	10319045	140	25	70	23,55
48	298,80	291,27	10119048	110	25	56	9,67	10219048	140	25	63	18,18					
50	310,92	303,39	10119050	110	25	56	10,15	10219050	140	25	63	19,44	10319050	140	25	70	28,73
57	353,34	345,81	10119057	110	25	56	11,85	10219057	140	25	63	24,43	10319057	140	25	70	37,16
60	371,52	363,99	10119060	110	25	56	12,71	10219060	140	25	63	26,77	10319060	140	30	70	41,01
76	468,51	460,98	10119076	110	30	56	18,02	10219076	140	30	63	41,88	10319076	140	30	70	65,41

MATERIAL **C 45 UNI 7845**
FOR MONOLITHIC CHAIN SPROCKETS

MATERIAL **FE**
FOR CHAIN SPROCKETS WITH WELDED HUB

CAD drawings available on our site
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Quantity, availability and prices
on B2B Chiaravalli



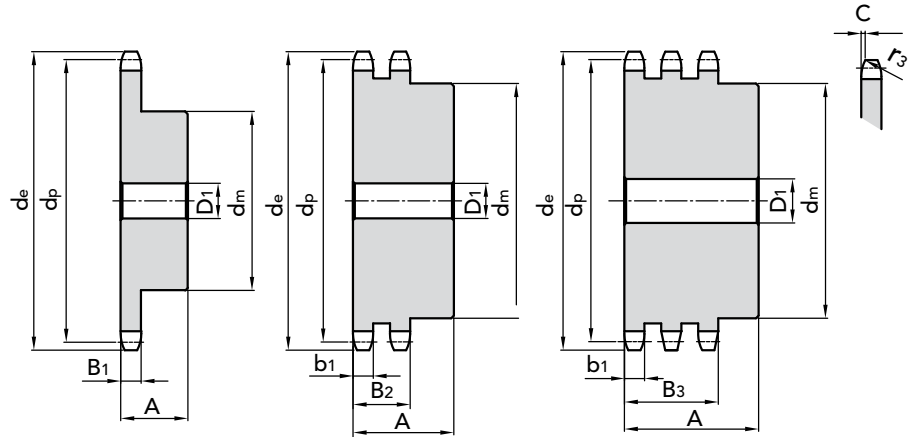
CHAIN SPROCKETS 3/4" x 7/16" for roller chains in compliance with DIN 8187 - ISO/R 606


1" x 17.02 mm
CHAIN SPROCKETS

Tooth radius r_3	26	mm
Radius width $\overset{\circ}{C}$	2,5	mm
Sprockets tooth width B_1	16,2	mm
Sprockets tooth width b_1	15,8	mm
Sprockets tooth width B_2	47,7	mm
Sprockets tooth width B_3	79,6	mm

CHAIN

Pitch	25,4	mm
Inner width	17,02	mm
Roller \varnothing	15,88	mm



Z	d_e	d_p	SIMPLEX				DUPLEX				TRIPLEX						
			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	77,49	66,37	10125008	42	16	35	0,47	10225008	42	16	65	0,81	10325008	42	20	95	1,19
9	85,38	74,26	10125009	50	16	35	0,66	10225009	50	16	65	1,15	10325009	50	20	95	1,68
10	93,32	82,20	10125010	55	16	35	0,83	10225010	56	16	65	1,52	10325010	56	20	95	2,24
11	101,28	90,16	10125011	61	16	40	1,14	10225011	64	20	70	2,08	10325011	64	25	100	2,86
12	109,26	98,14	10125012	69	16	40	1,43	10225012	72	20	70	2,60	10325012	72	25	100	3,62
13	117,26	106,14	10125013	78	16	40	1,77	10225013	80	20	70	3,18	10325013	80	25	100	4,45
14	125,27	114,15	10125014	84	16	40	2,08	10225014	88	20	70	3,82	10325014	88	25	100	5,37
15	133,29	122,17	10125015	92	20	40	2,46	10225015	96	20	70	4,51	10325015	96	25	100	6,37
16	141,32	130,20	10125016	100	20	45	3,14	10225016	104	20	70	5,17	10325016	104	30	100	7,45
17	149,35	138,23	10125017	100	20	45	3,33	10225017	112	20	70	5,98	10325017	112	30	100	8,60
18	157,39	146,27	10125018	100	20	45	3,56	10225018	120	20	70	6,84	10325018	120	30	100	9,84
19	165,44	154,32	10125019	100	20	45	3,78	10225019	128	20	70	7,76	10325019	128	30	100	11,16
20	173,49	162,37	10125020	100	20	45	4,03	10225020	130	20	70	8,52	10325020	130	30	100	12,36
21	181,54	170,42	10125021	110	20	50	5,01	10225021	130	25	70	9,24	10325021	130	30	100	13,56
22	189,60	178,48	10125022	110	20	50	5,28	10225022	130	25	70	10,00	10325022	130	30	100	14,82
23	197,66	186,54	10125023	110	20	50	5,56	10225023	130	25	70	10,8	10325023	130	30	100	16,15
24	205,72	194,60	10125024	110	20	50	5,86	10225024	130	25	70	11,64	10325024	130	30	100	17,53
25	213,78	202,66	10125025	110	20	50	6,16	10225025	130	25	70	12,52	10325025	130	30	100	18,99
26	221,84	210,72	10125026	120	20	50	6,96	10225026	130	25	70	13,43	10325026	130	30	100	20,34
27	229,91	218,79	10125027	120	20	50	7,30	10225027	130	25	70	14,38	10325027	130	30	100	21,92
28	237,98	226,86	10125028	120	20	50	7,64	10225028	130	25	70	15,38	10325028	130	30	100	23,57
29	246,05	234,93	10125029	120	20	50	8,00	10225029	130	25	70	16,41	10325029	130	30	100	25,27
30	254,12	243,00	10125030	120	20	50	8,38	10225030	130	25	70	17,48	10325030	130	30	100	27,05
31	262,19	251,07	10125031	120	25	50	8,69	10225031	140	25	70	18,96	10325031	140	30	100	29,23
32	270,26	259,14	10125032	120	25	50	9,09	10225032	140	25	70	20,10	10325032	140	30	100	31,13
33	278,33	267,21	10125033	120	25	50	9,50	10225033	140	25	70	21,29	10325033	140	30	100	33,10
34	286,40	275,28	10125034	120	25	50	9,93	10225034	140	25	70	22,21	10325034	140	30	100	35,13
35	294,48	283,36	10125035	120	25	50	10,36	10225035	140	25	70	23,77	10325035	140	30	100	37,23
36	302,55	291,43	10125036	120	25	50	10,81	10225036	140	25	70	25,07	10325036	140	30	100	39,39
37	310,63	299,51	10125037	120	25	50	11,28	10225037	140	25	70	26,41	10325038	140	30	100	43,90
38	318,70	307,58	10125038	120	25	50	11,76	10225038	140	25	70	27,79					
39	326,78	315,66	10125039	120	25	50	12,25	10225039	140	25	70	29,20					
40	334,86	323,74	10125040	120	25	50	12,75	10225040	140	25	70	30,65	10325040	140	30	100	48,67
42	351,01	339,89	10125042	125	25	70	16,54	10225042	150	25	80	33,63					
45	375,24	364,12	10125045	125	25	70	18,15	10225045	150	25	80	38,44	10325045	160	30	100	63,94
48	399,48	388,36	10125048	125	25	70	19,86	10225048	150	30	80	43,61					
50	415,64	404,52	10125050	125	25	70	20,89	10225050	150	30	80	47,25	10325050	160	30	100	78,58
57	472,20	461,08	10125057	125	30	70	25,52	10225057	160	30	90	63,45	10325057	180	40	110	103,03
60	496,45	485,33	10125060	125	30	70	27,76	10225060	160	30	90	70,00					
76	625,76	614,64	10125076	140	30	80	42,97	10225076	160	30	90	110,79	10325076	180	40	110	181,86

MATERIAL **C 45 UNI 7845**
FOR MONOLITHIC CHAIN SPROCKETS

MATERIAL **FE**
FOR CHAIN SPROCKETS WITH WELDED HUB

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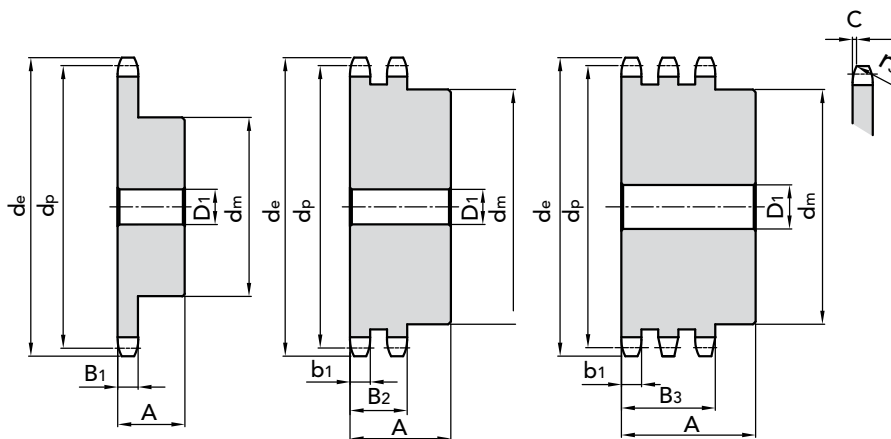
1" 1/4 x 3/4"

CHAIN SPROCKETS

Tooth radius r_3	32	mm
Radius width \bar{C}	3,5	mm
Sprockets tooth width B_1	18,5	mm
Sprockets tooth width b_1	18,2	mm
Sprockets tooth width B_2	54,6	mm
Sprockets tooth width B_3	91	mm

CHAIN

Pitch	31,75	mm
Inner width	19,56	mm
Roller \varnothing	19,05	mm



SIMPLEX

DUPLEX

TRIPLEX

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	98,10	82,96	10131008	53	20	40	0,85	10231008	53	20	75	1,58	10331008	53	20	110	2,15
9	108,00	92,84	10131009	63	20	40	1,19	10231009	63	20	75	2,19	10331009	63	20	110	3,05
10	117,90	102,74	10131010	70	20	40	1,51	10231010	70	20	75	2,85	10331010	70	20	110	4,04
11	127,80	112,68	10131011	77	20	45	2,05	10231011	80	20	80	3,72	10331011	80	20	115	5,19
12	137,80	122,68	10131012	88	20	45	2,60	10231012	90	20	80	4,66	10331012	90	20	115	6,55
13	147,80	132,65	10131013	98	20	45	3,15	10231013	100	20	80	5,70	10331013	100	20	115	8,06
14	157,80	142,68	10131014	108	20	45	3,80	10231014	110	20	80	6,84	10331014	110	20	115	9,71
15	167,90	152,72	10131015	118	20	45	4,47	10231015	120	20	80	8,08	10331015	120	20	115	11,50
16	177,90	162,75	10131016	120	25	50	5,25	10231016	120	25	80	8,90	10331016	120	25	115	13,06
17	187,90	172,78	10131017	120	25	50	5,60	10231017	120	25	80	9,92	10331017	120	25	115	14,65
18	198,00	182,85	10131018	120	25	50	6,00	10231018	120	25	80	11,00	10331018	120	25	115	16,54
19	208,10	192,91	10131019	120	25	50	6,40	10231019	120	25	80	12,16	10331019	120	25	115	18,45
20	218,10	202,98	10131020	120	25	50	6,85	10231020	120	25	80	13,38	10331020	120	25	115	20,48
21	228,20	213,04	10131021	140	25	55	8,75	10231021	140	25	80	15,49	10331021	140	25	115	23,38
22	238,30	223,11	10131022	140	25	55	9,30	10231022	140	25	80	16,86	10331022	140	25	115	25,64
23	248,30	233,17	10131023	140	25	55	9,77	10231023	140	25	80	18,29	10331023	140	25	115	28,00
24	258,40	243,23	10131024	140	25	55	10,30	10231024	140	25	80	19,79	10331024	140	25	115	30,49
25	268,50	253,33	10131025	140	25	55	10,80	10231025	140	25	80	21,36	10331025	140	25	115	33,09
26	278,60	263,40	10131026	150	25	55	12,09	10231026	150	25	80	23,45	10331026	150	25	115	36,23
27	288,60	273,40	10131027	150	25	55	12,65	10231027	150	25	80	25,15	10331027	150	25	115	39,06
28	298,70	283,56	10131028	150	25	55	13,29	10231028	150	25	80	26,93	10331028	150	25	115	42,00
29	308,80	293,65	10131029	150	25	55	13,93	10231029	150	25	80	28,77	10331029	150	25	115	45,00
30	318,90	303,75	10131030	150	25	55	14,60	10231030	150	25	80	30,69	10331030	150	25	115	48,23
31	329,00	313,85	10131031	160	25	55	15,28	10231031	150	25	80	32,67	10331031	150	25	115	51,50
32	339,10	323,91	10131032	160	25	55	16,00	10231032	150	25	80	32,72	10331032	150	30	115	54,61
33	349,20	334,01	10131033	160	25	55	16,70	10231033	150	25	80	35,00	10331033	150	30	115	58,37
34	359,30	344,10	10131034	160	25	55	17,49	10231034	150	25	80	39,03	10331034	150	30	115	62,06
35	369,40	354,20	10131035	160	25	55	18,30	10231035	150	25	80	41,28	10331035	150	30	115	65,80
36	379,50	364,30	10131036	160	25	55	19,10	10231036	150	30	80	43,61	10331036	150	30	115	69,66
37	389,50	374,39	10131037	160	25	55	19,90						10331037	150	30	115	73,00
38	399,60	384,49	10131038	160	25	55	20,75	10231038	150	30	80	48,46	10331038	150	30	115	77,72
39	409,70	394,59	10131039	160	25	55	21,70	10231039	150	30	80	51,00					
40	419,80	404,68	10131040	160	25	55	22,53	10231040	150	30	80	53,60	10331040	150	30	115	86,24
42	440,00	424,88	10131042	160	30	70	28,84										
45	470,30	455,17	10131045	160	30	70	31,79	10231045	160	30	90	71,32	10331045	180	40	115	110,41
48	500,60	485,46	10131048	160	30	70	32,80										
50	520,80	505,65	10131050	160	30	70	35,00	10231050	160	30	90	87,08	10331050	180	40	115	136,59
57	591,50	576,36	10131057	160	30	80	37,21	10231057	160	30	100	116,28	10331057	180	40	125	181,21
60	621,80	606,65	10131060	160	30	80	45,79										
76	783,50	768,32	10131076	160	30	90	75,81	10231076	180	30	100	200,96	10331076	200	40	140	322,03

MATERIAL **C 45 UNI 7845**
FOR MONOLITHIC CHAIN SPROCKETS

MATERIAL **FE**
FOR CHAIN SPROCKETS WITH WELDED HUB

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CHAIN SPROCKETS 1" 1/4 x 3/4" for roller chains in compliance with DIN 8187 - ISO/R 606



CHAIN SPROCKETS 1" 1/2 x 1" for roller chains in compliance with DIN 8187 - ISO/R 606

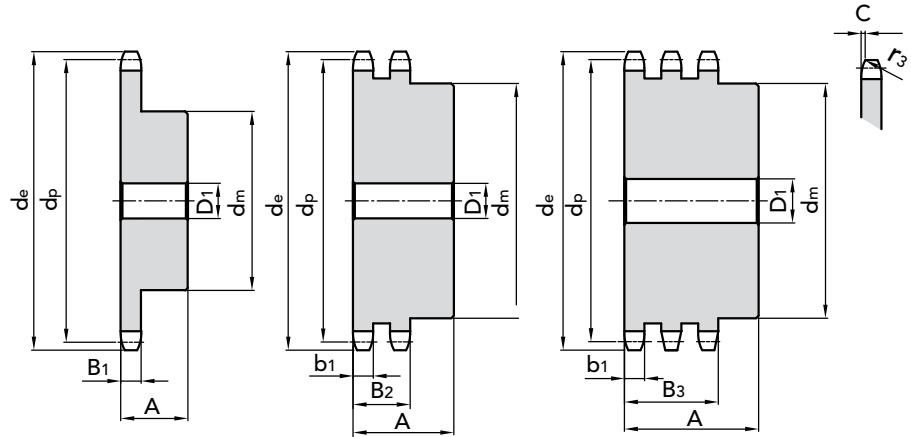
1" 1/2 x 1"

CHAIN SPROCKETS

Tooth radius r_s	38	mm
Radius width \check{C}	4	mm
Sprockets tooth width B_1	24,1	mm
Sprockets tooth width b_1	23,6	mm
Sprockets tooth width B_2	72	mm
Sprockets tooth width B_3	120,3	mm

CHAIN

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



Z	d_e	d_p	SIMPLEX				DUPLEX				TRIPLEX						
			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	115,00	99,55	10138008	58	20	45	1,38	10238008	58	25	95	2,70	10338008	58	25	140	4,00
9	126,40	111,40	10138009	70	20	45	1,90	10238009	70	25	95	3,79	10338009	70	25	140	5,62
10	138,00	123,29	10138010	80	20	45	2,47	10238010	80	25	95	5,01	10338010	80	25	140	7,45
11	150,00	135,21	10138011	90	25	50	3,27	10238011	90	25	100	6,62	10338011	90	25	150	9,73
12	162,00	147,22	10138012	102	25	50	4,09	10238012	102	25	100	8,28	10338012	102	25	150	12,24
13	174,20	159,18	10138013	114	25	50	5,00	10238013	114	25	100	10,13	10338013	114	25	150	15,02
14	186,20	171,22	10138014	128	25	50	6,09	10238014	128	25	100	12,24	10338014	128	25	150	18,16
15	198,20	183,26	10138015	140	25	50	6,84	10238015	140	25	100	14,08	10338015	140	25	150	21,09
16	210,30	195,30	10138016	140	25	55	8,20	10238016	140	25	100	15,88	10338016	140	25	150	24,25
17	222,30	207,34	10138017	140	25	55	8,87	10238017	150	25	100	17,80	10338017	150	25	150	27,42
18	234,30	219,42	10138018	140	25	55	9,59	10238018	160	25	100	21,08	10338018	160	25	150	32,12
19	246,50	231,49	10138019	140	25	55	10,36	10238019	160	25	100	23,26	10338019	160	25	150	35,74
20	258,60	243,57	10138020	140	25	55	11,16	10238020	160	25	100	25,57	10338020	160	25	150	39,57
21	270,60	255,65	10138021	150	25	60	13,35	10238021	160	25	100	28,01	10338021	160	30	150	42,98
22	282,70	267,73	10138022	150	25	60	14,24	10238022	160	25	100	30,59	10338022	160	30	150	47,25
23	294,80	279,80	10138023	150	25	60	15,18	10238023	160	25	100	33,29	10338023	160	30	150	51,74
24	306,80	291,88	10138024	150	25	60	16,16	10238024	160	25	100	33,13	10338024	160	30	150	56,44
25	319,00	304,00	10138025	150	25	60	17,19	10238025	160	25	100	39,09	10338025	160	30	150	61,37
26	331,00	316,08	10138026	160	30	60	18,25	10238026	160	30	100	42,19	10338026	160	30	150	66,52
27	343,20	328,19	10138027	160	30	60	19,37	10238027	160	30	100	45,41	10338027	160	30	150	71,88
28	355,20	340,27	10138028	160	30	60	20,52	10238028	160	30	100	48,77	10338028	160	30	150	77,46
29	367,30	352,38	10138029	160	30	60	21,72	10238029	160	30	100	52,26					
30	379,50	364,50	10138030	160	30	60	22,97	10238030	160	30	100	55,88	10338030	160	40	150	89,28
31	391,60	376,62	10138031	160	30	60	21,25	10238031	170	30	100	59,19	10338032	170	40	150	101,97
32	403,70	388,69	10138032	160	30	60	25,59	10238032	170	30	100	63,07	10338035	170	40	150	122,64
33	415,80	400,81	10138033	160	30	60	26,96	10238033	170	30	100	67,08	10338038	170	40	150	145,28
34	427,80	412,93	10138034	160	30	60	28,38	10238034	170	30	100	71,21	10338040	170	40	150	161,46
35	440,00	425,04	10138035	160	30	60	29,84	10238035	170	30	100	75,49	10338045	200	40	150	209,06
36	452,00	437,16	10138036	160	30	60	31,34	10238036	170	30	100	79,89	10338050	200	40	150	258,81
37	464,20	449,27	10138037	160	30	60	32,90	10238037	170	30	100	84,43	10338057	220	40	150	337,62
38	476,20	461,39	10138038	160	30	60	34,49	10238038	170	30	100	89,09	10338076	250	40	150	607,76
39																	
40	500,60	485,62	10138040	160	30	60	37,51	10238040	170	30	100	98,98					
42	524,70	509,85	10138042	160	30	90	48,52										
45	561,20	546,20	10138045	160	30	90	54,08	10238045	180	40	100	132,81					
48	597,40	582,55	10138048	160	30	90	60,04										
50	621,70	606,78	10138050	160	30	90	64,24	10238050	180	40	100	162,65					
57	706,50	691,63	10138057	160	30	100	80,28	10238057	200	40	110	209,91					
60	742,80	727,97	10138060	160	40	100	87,82										
76	936,90	921,98	10138076	170	40	100	140,54	10238076	220	40	120	373,88					

MATERIAL **C 45 UNI 7845**
FOR MONOLITHIC CHAIN SPROCKETS

MATERIAL **FE WITH HUB**

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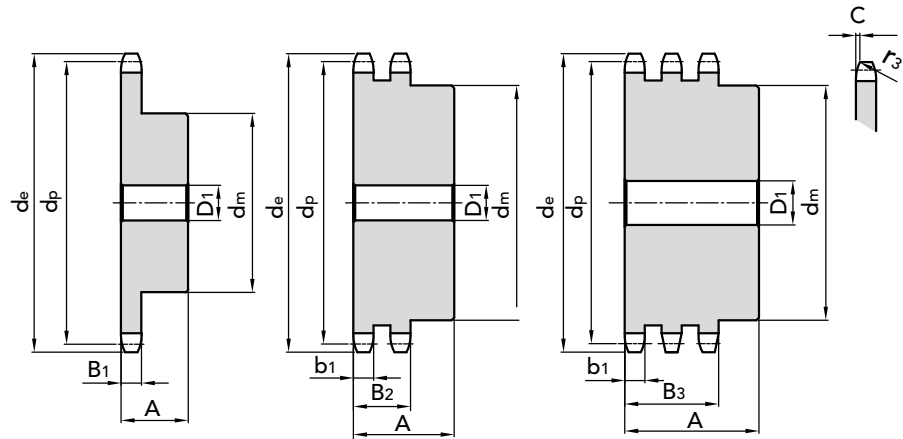
1" 3/4 x 1" 1/4

CHAIN SPROCKETS

Tooth radius r_3	44	mm
Radius width \bar{C}	5	mm
Sprockets tooth width B_1	29,4	mm
Sprockets tooth width b_1	28,8	mm
Sprockets tooth width B_2	88,4	mm
Sprockets tooth width B_3	148	mm

CHAIN

Pitch	44,45	mm
Inner width	30,99	mm
Roller \varnothing	27,94	mm



SIMPLEX

DUPLEX

TRIPLEX

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	132,00	116,15	10144008	74	25	70	2,86	10244008	74	25	120	4,75	10344008	74	30	180	7,04
9	148,40	129,96	10144009	88	25	70	4,00	10244009	88	25	120	6,66	10344009	88	30	180	9,89
10	162,30	143,85	10144010	100	25	70	5,18	10244010	100	25	120	8,79	10344010	100	30	180	13,10
11	176,30	157,77	10144011	112	25	70	6,51	10244011	112	25	120	11,79	10344011	112	30	180	16,73
12	189,50	171,74	10144012	125	25	70	8,04	10244012	125	25	120	13,91	10344012	125	30	180	20,84
13	204,20	185,75	10144013	130	25	70	8,88	10244013	130	25	120	16,25	10344013	130	30	180	24,70
14	218,20	199,76	10144014	140	25	70	9,79	10244014	140	25	120	18,81	10344014	140	30	180	28,93
15	232,30	213,79	10144015	145	25	70	10,77	10244015	145	25	120	22,64	10344015	145	30	180	34,58
16	246,30	227,84	10144016	160	30	75	14,96	10244016	160	25	120	26,52	10344016	160	30	180	40,44
17	260,00	241,91	10144017	160	30	75	16,09	10244017	160	30	120	29,74	10344017	160	30	180	45,77
18	274,00	255,98	10144018	160	30	75	17,28	10244018	160	30	120	33,17	10344018	160	30	180	51,76
19	289,00	270,06	10144019	160	30	75	18,56	10244019	180	30	120	38,14	10344019	180	30	180	58,07
20	303,00	284,15	10144020	160	30	75	19,90	10244020	180	30	120	42,02	10344020	180	30	180	64,49
21	317,00	298,24	10144021	170	30	75	21,31	10244021	180	30	120	49,10	10344021	180	30	180	71,28
22	331,00	312,34	10144022	170	30	75	22,80	10244022	180	30	120	50,40					
23	345,00	326,44	10144023	170	30	75	24,36	10244023	180	30	120	54,92	10344023	180	30	180	85,94
24	359,00	340,55	10144024	170	30	75	26,00	10244024	180	30	120	59,50					
25	373,00	354,66	10144025	170	30	75	27,70	10244025	180	30	120	64,62	10344025	180	40	180	112,07
26	387,00	368,77	10144026	170	30	75	29,48	10244026	180	30	120	69,28					
27	401,40	382,88	10144027	170	30	75	31,36										
28	416,00	397,00	10144028	170	30	75	33,26	10244028	180	30	120	80,28					
29																	
30	444,00	425,24	10144030	170	30	75	37,33	10244030	180	30	120	92,17	10344030	180	40	180	148,79
31																	
32	472,00	453,49	10144032	180	30	75	43,59										
33																	
34	500,00	481,75	10144034	180	30	75	48,24										
35	514,00	495,88	10144035	180	30	75	50,57	10244035	200	30	120	127,17					
36	529,00	510,01	10144036	180	30	75	53,18										
37																	
38	557,00	538,27	10144038	180	30	75	58,40	10244038	200	30	120	149,9	10344038	200	40	180	244,01
39																	
40	585,00	566,54	10144040	180	30	75	63,92	10244040	200	30	120	167,15	10344040	200	40	180	271,10
45	656,00	637,22	10144045	180	30	90	79,12	10244045	200	30	120	218,10	10344045	200	40	180	352,63
50	726,00	707,91	10144050	180	30	90	96,00	10244050	200	30	120	267,99	10344057	220	40	180	567,76
57	825,00	806,90	10144057	180	40	90	125,13	10244057	200	40	120	346,99	10344076	250	40	190	1024,97
60	869,00	849,32	10144060	180	40	90	144,00										
76	1.095,0	1.075,62	10144076	200	40	100	215,46	10244076	250	40	130	615,35					

MATERIAL **C 45 UNI 7845**
FOR MONOLITHIC CHAIN SPROCKETS

MATERIAL **FE**
FOR CHAIN SPROCKETS WITH WELDED HUB

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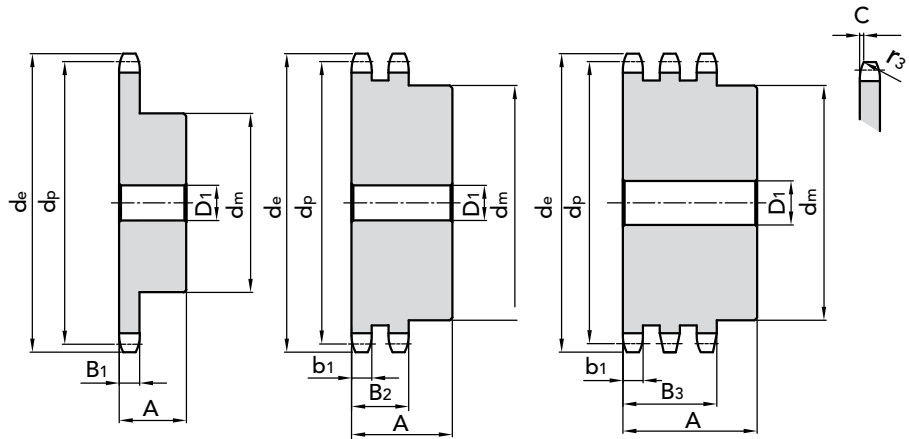
CHAIN SPROCKETS 1" 3/4 x 1" 1/4 for roller chains in compliance with DIN 8187 - ISO/R 606


2" x 1" 1/4
CHAIN SPROCKETS

Tooth radius r_s	51	mm
Radius width \bar{C}	5	mm
Sprockets tooth width B_1	29,4	mm
Sprockets tooth width b_1	28,8	mm
Sprockets tooth width B_2	87,4	mm
Sprockets tooth width B_3	146	mm

CHAIN

Pitch	50,8	mm
Inner width	30,99	mm
Roller \varnothing	29,21	mm



Z	d_e	d_p	SIMPLEX					DUPLEX				TRIPLEX					
			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	153,20	132,69	10150008	82	25	80	4,20	10250008	82	30	120	6,65	10350008	82	30	180	9,90
9	169,00	148,54	10150009	88	25	80	5,78	10250009	88	30	120	9,14	10350009	88	30	180	13,65
10	185,00	164,44	10150010	104	25	80	7,60	10250010	104	30	120	12,01	10350010	104	30	180	17,97
11	200,80	180,34	10150011	120	30	80	9,26	10250011	120	30	120	14,75	10350011	120	30	180	22,22
12	216,80	196,29	10150012	133	30	80	10,91	10250012	133	30	120	17,95	10350012	133	30	180	27,23
13	232,80	212,29	10150013	145	30	80	13,05	10250013	145	30	120	21,68	10350013	145	30	180	32,98
14	248,80	228,29	10150014	160	30	80	14,25	10250014	160	30	120	25,03	10350014	160	30	180	38,50
15	264,80	244,30	10150015	160	30	80	15,53	10250015	160	30	120	29,30	10350015	160	30	180	45,04
16	280,90	260,40	10150016	160	30	90	19,87	10250016	160	30	120	33,21	10350016	160	30	180	51,50
17	296,90	276,40	10150017	170	30	90	21,35	10250017	180	30	120	38,76	10350017	180	30	180	61,45
18	313,00	292,55	10150018	170	30	90	22,92	10250018	180	30	120	43,24	10350018	180	30	180	68,85
19	329,10	308,66	10150019	170	30	90	24,53	10250019	200	30	120	49,52	10350019	200	30	180	76,73
20	345,20	324,71	10150020	180	30	90	28,50	10250020	200	30	120	54,56	10350020	200	30	180	85,07
21	361,30	340,82	10150021	180	30	90	30,36	10250021	200	30	120	59,87	10350021	200	40	180	93,89
22	377,50	356,98	10150022	180	30	90	32,31	10250022	200	30	120	65,47					
23	393,60	373,08	10150023	180	30	90	34,36	10250023	200	30	120	71,35	10350023	200	40	180	112,93
24	409,70	389,18	10150024	180	30	90	36,50	10250024	200	30	120	77,52					
25	425,80	405,33	10150025	180	30	90	38,74	10250025	200	30	120	83,66	10350025	200	40	180	133,86
26	441,90	421,44	10150026	180	30	90	41,07	10250026	200	30	120	90,69					
27	458,10	437,69	10150027	180	30	90	46,01	10250027	200	30	120	98,50					
28	474,20	453,69	10150028	180	30	90	46,01	10250028	200	30	120	104,99					
29																	
30	506,50	486,00	10150030	180	30	90	51,34	10250030	200	30	120	120,41	10350030	200	40	180	194,42
32	538,80	518,28	10150032	180	30	90	59,89										
35	589,50	566,72	10150035	180	30	90	69,16	10250035	200	30	120	163,85					
38	635,50	615,14	10150038	180	30	90	79,28	10250038	200	40	120	193,33	10350038	200	40	180	316,22
40	670,30	647,49	10150040	180	30	90	86,50	10250040	200	40	120	214,39					
45	751,00	728,26	10150045	180	40	100	118,87	10250045	200	40	120	282,32	10350045	200	40	180	456,64
50	831,80	809,04	10150050	180	40	100	140,96	10250050	200	40	120	346,95	10350050	200	40	180	564,27
57	945,00	922,17	10150057	180	40	100	175,86	10250057	220	40	120	449,27	10350057	250	40	180	734,72
60	993,40	970,63	10150060	180	40	100	192,24										
76	1.252,0	1.229,28	10150076	200	40	110	294,00	10250076	250	40	130	796,60	10350076	250	40	190	1319,64

MATERIAL **C 45 UNI 7845**
FOR MONOLITHIC CHAIN SPROCKETS

MATERIAL **FE**
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