



Catalogo Pignoni e Corone
Catalog for Sprockets and Plate Wheels

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L'assortimento di pignoni, ruote per catena, ingranaggi e cremagliere K.S.F. costituisce una risposta alle esigenze dell'industria nel settore delle trasmissioni meccaniche flessibili e rappresenta il risultato di una produzione realizzata per il conseguimento di eccellenti prestazioni tecniche e qualitative.

Il programma di produzione K.S.F. comprende viene realizzato in conformità ai principali e più recenti Standard ed alle Norme di Unificazione Internazionali UNI, ISO, DIN, ANSI, etc..

Queste norme tuttavia definiscono per il vano delle ruote per catena e rulli un profilo con dimensioni minime ed un profilo con dimensioni massime ed entro gli stessi deve risultare compreso il profilo reale. Essendo questi limiti di tolleranza piuttosto ampi K.S.F. ha scelto un criterio di proporzionamento del profilo che possa risultare ottimizzato per quanto concerne la regolarità di trasmissione e la capacità del dente di sopportare sforzi elevati.

Obiettivo è quello di migliorare l'avvolgimento "poligonale" della catena sul pignone o sulla corona riducendone la discontinuità di moto che ne consegue anche nel caso di interassi e rapporti di trasmissione sfavorevoli, questo ha consentito di realizzare ed inserire a catalogo pignoni con bassissimo numero di denti.

I pignoni e le ruote per catene a catalogo vengono prodotti anche nella versione per Bussola Conica, particolarmente apprezzato nelle applicazioni che richiedono facilità di montaggio ed elevata precisione di centratura.

Da tempo abbiamo poi creato una speciale versione con denti temprati ad induzione HRC 45-55, foro H7, sede per chiavetta UNI e fori per bloccaggio, denominata SPECIAL STANDARD.

Questa tipologia di prodotto sempre disponibile a magazzino consente di risparmiare la gestione ed i costi delle varie lavorazioni.

The range of sprockets, chain wheels, gears and racks K.S.F. is a response to industry needs in the field of mechanical power transmission flexible and is the result of a production in order to achieve excellent performance and high quality products.

The production program K.S.F. includes is made in accordance with the most recent major Standard and the International Standards Organization for Standardization UNI, ISO, DIN, ANSI, etc...

These rules, however, to define the space of the chain wheels and rollers a profile with minimum dimensions and profile with dimensions maximum and within the same level must be the profile real. These tolerance limits rather broad K.S.F. chose a criterion proportionality of the profile that can be optimized with regard to the regularity of transmission and the ability of the tooth to withstand high stress.

Objective is to improve the winding "polygonal" of the chain on the sprocket or crown reducing the discontinuity of motion that follows also in the case of distances and relationships your send unfavorable, this has allowed the creation and insert a catalog pinions with a very low number of teeth.

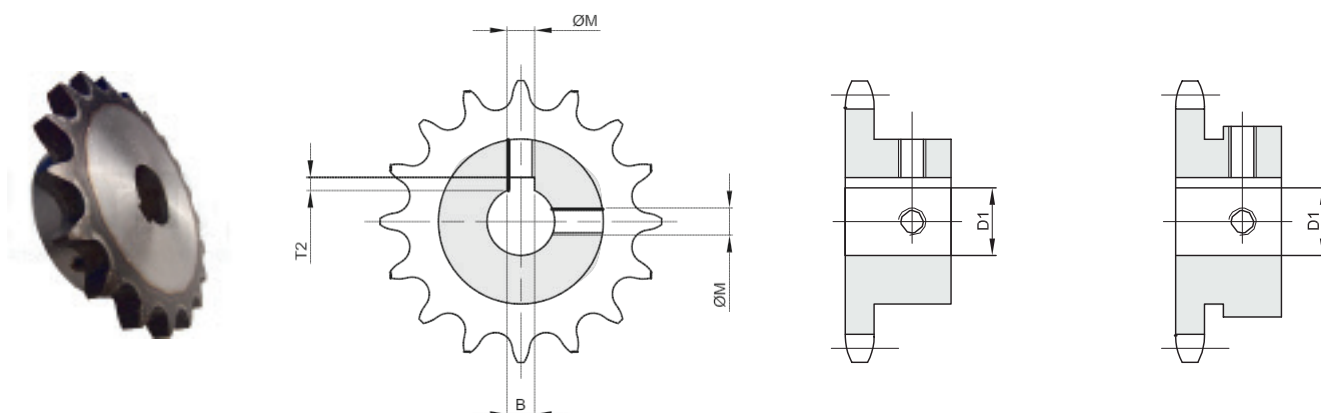
The sprockets and chain wheels in the catalog are produced in a version for Taper Bushes, particularly popular in applications that require ease of assembly and high centering accuracy.

By the time we then created a special version with induction hardened teeth HRC 45-55, bore H7 keyway UNI and holes for locking, called SPECIAL STANDARD.

This type of product is always available from stock saves the management and costs of the various processes.



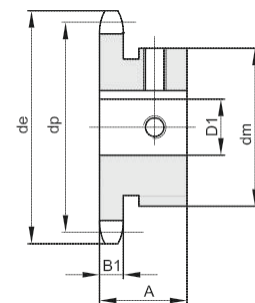
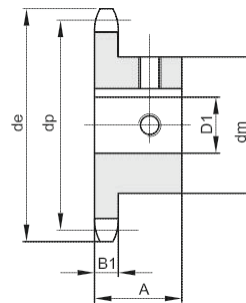
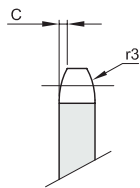
Pignoni "SPECIAL STANDARD"
"SPECIAL STANDARD" Sprockets



Foro Hole diam. D1	Tolleranza Tolerance	Largh.Cava Key Large B mm	Tolleranza Tolerance	Prof.Cava Key Depth T2 mm	Tolleranza Tolerance mm	Vite Screw M
10	H7	3	H9	1.4	+0.10/-0	M4
12	H7	4	H9	1.8	+0.10/-0	M4
14	H7	5	H9	2.3	+0.10/-0	M4
15	H7	5	H9	2.3	+0.10/-0	M4
16	H7	5	H9	2.3	+0.10/-0	M4
18	H7	6	H9	2.8	+0.10/-0	M5
19	H7	6	H9	2.8	+0.10/-0	M5
20	H7	6	H9	2.8	+0.10/-0	M5
22	H7	6	H9	2.8	+0.10/-0	M5
24	H7	8	H9	3.3	+0.20/-0	M6
25	H7	8	H9	3.3	+0.20/-0	M6
28	H7	8	H9	3.3	+0.20/-0	M6
30	H7	8	H9	3.3	+0.20/-0	M6
32	H7	10	H9	3.3	+0.20/-0	M8
35	H7	10	H9	3.3	+0.20/-0	M8
38	H7	10	H9	3.3	+0.20/-0	M8
40	H7	12	H9	3.3	+0.20/-0	M10
42	H7	12	H9	3.3	+0.20/-0	M10
45	H7	14	H9	3.8	+0.20/-0	M12
48	H7	14	H9	3.8	+0.20/-0	M12
50	H7	14	H9	3.8	+0.20/-0	M12

- Materiale C 45
- Tempra ad induzione sui denti HRC 45-55
- Diametro fori in tolleranza H7
- Rugosità RA 1,6
- Cava linguetta UNI 6604 - DIN 6885 in asse al dente
- n. 2 fori per viti di fissaggio

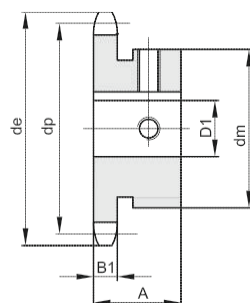
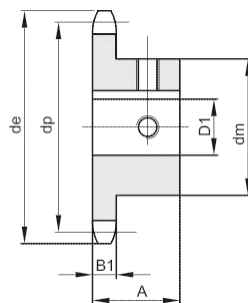
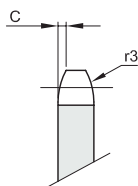
- Material C 45
- Teeth induction tempering hardness HRC 45-55
- Final bore tolerance H7
- Roughness value RA 1,6
- Keyway to UNI 6604 - DIN 6885 is located on the center line of teeth
- n.2 grub screw holes



TIPO §

3/8"x7/32" - 06B-1 (9,525x5,72 mm) rullo 6,35 mm						
Dimensioni - Dimensions - B1=5.3 / C=1 / r3=10						
Z	de mm	dp mm	dm mm	D1 mm	A mm	Peso Weight Kg.
10	34.5	30.82	24 §	10	20	0.06
10	34.5	30.82	26 §	12	20	0.07
10	34.5	30.82	29 §	14	20	0.07
11	37.5	33.80	24 §	10	25	0.09
11	37.5	33.80	26 §	12	25	0.09
11	37.5	33.80	29 §	14	25	0.10
11	37.5	33.80	30 §	15	25	0.10
11	37.5	33.80	31 §	16	25	0.11
12	40.5	36.80	25	10	25	0.10
12	40.5	36.80	26 §	12	25	0.10
12	40.5	36.80	29 §	14	25	0.11
12	40.5	36.80	30 §	15	25	0.11
12	40.5	36.80	31 §	16	25	0.11
13	43.5	39.80	28	10	25	0.13
13	43.5	39.80	28	12	25	0.12
13	46.5	39.80	28	14	25	0.11
13	43.5	39.80	28	15	25	0.11
13	43.5	39.80	31 §	16	25	0.12
13	43.5	39.80	34 §	18	25	0.13
14	46.5	42.80	31	10	25	0.16
14	46.5	42.80	31	12	25	0.15
14	46.5	42.80	31	14	25	0.17
14	46.5	42.80	31	15	25	0.14
14	46.5	42.80	31	16	25	0.13
14	46.5	42.80	31	18	25	0.12
14	46.5	42.80	35 §	19	25	0.14
15	49.5	45.81	34	12	25	0.18
15	49.5	45.81	34	14	25	0.18
15	49.5	45.81	34	15	25	0.17

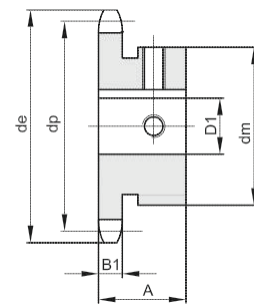
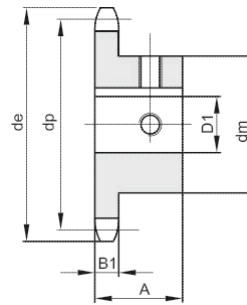
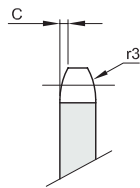
3/8"x7/32" - 06B-1 (9,525x5,72 mm) rullo 6,35 mm						
Dimensioni - Dimensions - B1=5.5 / C=1 / r3=10						
Z	de mm	dp mm	dm mm	D1 mm	A mm	Peso Weight Kg.
15	49.5	45.81	34	16	25	0.17
15	49.5	45.81	34	18	25	0.15
15	49.5	45.81	34	19	25	0.15
15	49.5	45.81	34	20	25	0.14
15	49.5	45.81	42 §	22	25	0.19
15	49.5	45.81	42 §	24	25	0.17
15	49.5	45.81	42 §	25	25	0.16
16	52.5	48.82	37	12	28	0.24
16	52.5	48.82	37	14	28	0.23
16	52.5	48.82	37	15	28	0.23
16	52.5	48.82	37	16	28	0.22
16	52.5	48.82	37	18	28	0.21
16	52.5	48.82	37	19	28	0.20
16	52.5	48.82	37	20	28	0.20
16	52.5	48.82	37	22	28	0.18
16	52.5	48.82	42 §	24	28	0.21
16	52.5	48.82	42 §	25	28	0.20
17	55.5	51.83	40	12	28	0.28
17	55.5	51.83	40	14	28	0.28
17	55.5	51.83	40	15	28	0.27
17	55.5	51.83	40	16	28	0.26
17	55.5	51.83	40	18	28	0.25
17	55.5	51.83	40	19	28	0.24
17	55.5	51.83	40	20	28	0.24
17	55.5	51.83	40	22	28	0.23
17	55.5	51.83	46 §	24	28	0.26
17	55.5	51.83	46 §	25	28	0.26
18	58.6	54.85	40	12	28	0.30
18	58.6	54.85	40	14	28	0.28



TIPO §

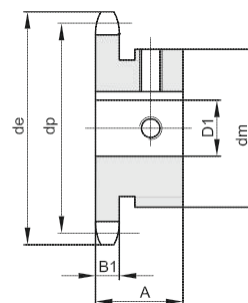
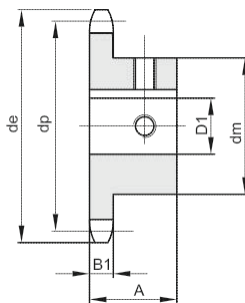
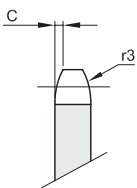
3/8"x7/32" - 06B-1 (9,525x5,72 mm) rullo 6,35 mm						
Dimensioni - Dimensions - B1=5.3 / C=1 / r3=10						
Z	de mm	dp mm	dm mm	D1 mm	A mm	Peso Weight Kg.
18	58.6	54.85	43	15	28	0.31
18	58.6	54.85	43	16	28	0.31
18	58.6	54.85	43	18	28	0.29
18	58.6	54.85	43	19	28	0.29
18	58.6	54.85	43	20	28	0.28
18	58.6	54.85	43	22	28	0.27
18	58.6	54.85	43	24	28	0.25
18	58.6	54.85	43	25	28	0.24
19	61.6	57.87	40	12	28	0.31
19	61.6	57.87	40	14	28	0.30
19	61.6	57.87	45	15	28	0.35
19	61.6	57.87	45	16	28	0.35
19	61.6	57.87	45	18	28	0.33
19	61.6	57.87	45	19	28	0.33
19	61.6	57.87	45	20	28	0.32
19	61.6	57.87	45	22	28	0.31
19	61.6	57.87	45	24	28	0.29
19	61.6	57.87	45	25	28	0.28
20	64.6	60.89	40	12	28	0.32
20	64.6	60.89	40	14	28	0.31
20	64.6	60.89	46	15	28	0.38
20	64.6	60.89	46	16	28	0.37
20	64.6	60.89	46	18	28	0.36
20	64.6	60.89	46	19	28	0.35
20	64.6	60.89	46	20	28	0.34
20	64.6	60.89	46	22	28	0.33
20	64.6	60.89	46	24	28	0.31
20	64.6	60.89	46	25	28	0.30
21	67.6	63.91	48	15	28	0.41

3/8"x7/32" - 06B-1 (9,525x5,72 mm) rullo 6,35 mm						
Dimensioni - Dimensions - B1=5.3 / C=1 / r3=10						
Z	de mm	dp mm	dm mm	D1 mm	A mm	Peso Weight Kg.
21	67.6	63.91	48	16	28	0.40
21	67.6	63.91	48	18	28	0.39
21	67.6	63.91	48	19	28	0.39
21	67.6	63.91	48	20	28	0.38
21	67.6	63.91	48	22	28	0.37
21	67.6	63.91	48	24	28	0.35
21	67.6	63.91	48	25	28	0.34
22	70.6	66.93	50	15	28	0.45
22	70.6	66.93	50	16	28	0.45
22	70.6	66.93	50	18	28	0.43
22	70.6	66.93	50	19	28	0.43
22	70.6	66.93	50	20	28	0.42
22	70.6	66.93	50	22	28	0.41
22	70.6	66.93	50	24	28	0.39
22	70.6	66.93	50	25	28	0.38
23	73.7	69.95	50	15	28	0.49
23	73.7	69.95	50	16	28	0.49
23	73.7	69.95	52	18	28	0.48
23	73.7	69.95	52	19	28	0.47
23	73.7	69.95	52	20	28	0.46
23	73.7	69.95	52	22	28	0.45
23	73.7	69.95	52	24	28	0.43
23	73.7	69.95	52	25	28	0.42
24	76.7	72.97	50	16	28	0.47
24	76.7	72.97	50	18	28	0.46
24	76.7	72.97	54	19	28	0.51
24	76.7	72.97	54	20	28	0.51
24	76.7	72.97	54	22	28	0.49
24	76.7	72.97	54	24	28	0.47



TIPO §

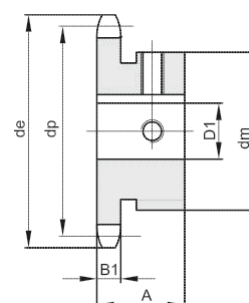
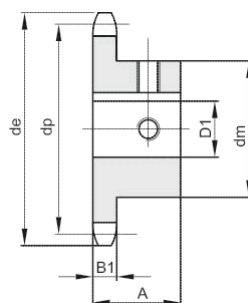
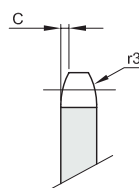
3/8"x7/32" - 06B-1 (9,525x5,72 mm) rullo 6,35 mm						
Dimensioni - Dimensions - B1=5.3 / C=1 / r3=10						
Z	de mm	dp mm	dm mm	D1 mm	A mm	Peso Weight Kg.
24	76.7	72.97	54	25	28	0.47
24	76.7	72.97	54	28	28	0.44
24	76.7	72.97	54	30	28	0.42
25	79.7	76.00	50	16	28	0.49
25	79.7	76.00	50	18	28	0.48
25	79.7	76.00	50	19	28	0.47
25	79.7	76.00	57	20	28	0.57
25	79.7	76.00	57	22	28	0.55
25	79.7	76.00	57	24	28	0.53
25	79.7	76.00	57	25	28	0.52
25	79.7	76.00	57	28	28	0.50
25	79.7	76.00	57	30	28	0.48
30	94.8	91.12	60	20	30	0.74
30	94.8	91.12	60	22	30	0.73
30	94.8	91.12	60	24	30	0.71
30	94.8	91.12	60	25	30	0.70
30	94.8	91.12	60	28	30	0.67
30	94.8	91.12	60	30	30	0.66



TIPO §

1/2"x5/16" - 08B-1 (12,7x7,75 mm) rullo 8,51 mm						
Dimensioni - Dimensions - B1=7.2 / C=1.3 / r3=13						
Z	de mm	dp mm	dm mm	D1 mm	A mm	Peso Weight Kg.
10	45.9	41.10	26	12	25	0.12
10	45.9	41.10	26	14	25	0.11
10	45.9	41.10	31 §	15	25	0.12
10	45.9	41.10	31 §	16	25	0.12
11	49.9	45.07	29	12	25	0.15
11	49.9	45.07	29	14	25	0.14
11	49.9	45.07	31 §	15	25	0.14
11	49.9	45.07	31 §	16	25	0.14
11	49.9	45.07	37 §	18	25	0.16
11	49.9	45.07	37 §	19	25	0.16
12	53.9	49.07	33	12	28	0.21
12	53.9	49.07	33	14	28	0.20
12	53.9	49.07	33	15	28	0.19
12	53.9	49.07	33	16	28	0.19
12	53.9	49.07	33	18	28	0.18
12	53.9	49.07	33	19	28	0.17
12	53.9	49.07	33	20	28	0.17
12	53.9	49.07	40 §	22	28	0.20
12	53.9	49.07	41 §	24	28	0.19
12	53.9	49.07	42 §	25	28	0.19
13	57.9	56.06	33	12	28	0.27
13	57.9	56.06	33	14	28	0.26
13	57.9	56.06	37	15	28	0.26
13	57.9	56.06	37	16	28	0.25
13	57.9	56.06	37	18	28	0.24
13	57.9	56.06	37	19	28	0.23
13	57.9	56.06	37	20	28	0.22
13	57.9	56.06	37	22	28	0.21
13	57.9	56.06	42 §	24	28	0.22

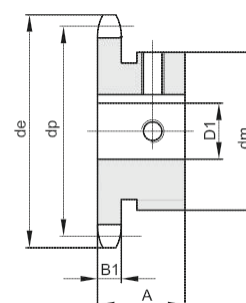
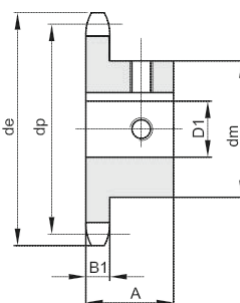
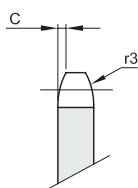
1/2"x5/16" - 08B-1 (12,7x7,75mm) rullo 8,51 mm						
Dimensioni - Dimensions - B1=7.2 / C=1.3 / r3=13						
Z	de mm	dp mm	dm mm	D1 mm	A mm	Peso Weight Kg.
13	57.9	56.06	42 §	25	28	0.21
13	57.9	56.06	45 §	28	28	0.21
14	61.9	57.07	37	12	28	0.32
14	61.9	57.07	37	14	28	0.31
14	61.9	57.07	41	15	28	0.31
14	61.9	57.07	41	16	28	0.30
14	61.9	57.07	41	18	28	0.29
14	61.9	57.07	41	19	28	0.28
14	61.9	57.07	41	20	28	0.28
14	61.9	57.07	41	22	28	0.27
14	61.9	57.07	41	24	28	0.25
14	61.9	57.07	41	25	28	0.24
14	61.9	57.07	48 §	28	28	0.27
15	65.9	61.09	37	12	28	0.37
15	65.9	61.09	37	14	28	0.36
15	65.9	61.09	45	15	28	0.37
15	65.9	61.09	45	16	28	0.37
15	65.9	61.09	45	18	28	0.36
15	65.9	61.09	45	19	28	0.35
15	65.9	61.09	45	20	28	0.34
15	65.9	61.09	45	22	28	0.32
15	65.9	61.09	45	24	28	0.31
15	65.9	61.09	45	25	28	0.30
15	65.9	61.09	45	28	28	0.27
15	65.9	61.09	52 §	30	28	0.32
15	65.9	61.09	52 §	32	28	0.30
16	69.9	65.10	50	15	28	0.47
16	69.9	65.10	50	16	28	0.46
16	69.9	65.10	50	18	28	0.44



TIPO §

1/2"x5/16" - 08B-1 (12,7x7,75 mm) rullo 8,51 mm						
Dimensioni - Dimensions - B1=7.2 / C=1.3 / r3=13						
Z	de mm	dp mm	dm mm	D1 mm	A mm	Peso Weight Kg.
16	69.9	65.10	50	19	28	0.43
16	69.9	65.10	50	20	28	0.43
16	69.9	65.10	50	22	28	0.40
16	69.9	65.10	50	24	28	0.39
16	69.9	65.10	50	25	28	0.38
16	69.9	65.10	50	28	28	0.35
16	69.9	65.10	50	30	28	0.34
16	69.9	65.10	57 §	32	28	0.40
17	74.0	69.11	52	15	28	0.51
17	74.0	69.11	52	16	28	0.51
17	74.0	69.11	52	18	28	0.49
17	74.0	69.11	52	19	28	0.48
17	74.0	69.11	52	20	28	0.47
17	74.0	69.11	52	22	28	0.45
17	74.0	69.11	52	24	28	0.44
17	74.0	69.11	52	25	28	0.43
17	74.0	69.11	52	28	28	0.40
17	74.0	69.11	52	30	28	0.39
17	74.0	69.11	52	32	28	0.38
18	78.0	73.14	52	16	28	0.53
18	78.0	73.14	52	18	28	0.51
18	78.0	73.14	52	19	28	0.50
18	78.0	73.14	56	20	28	0.55
18	78.0	73.14	56	22	28	0.53
18	78.0	73.14	56	24	28	0.52
18	78.0	73.14	56	25	28	0.51
18	78.0	73.14	56	28	28	0.48
18	78.0	73.14	56	30	28	0.46
18	78.0	73.14	56	32	28	0.43

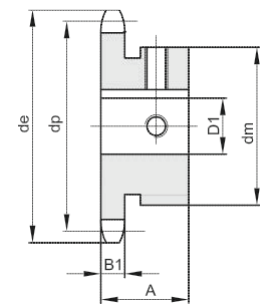
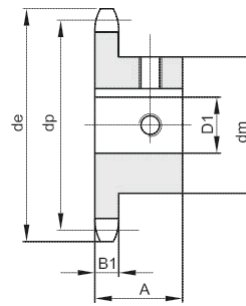
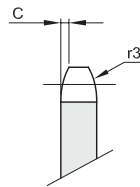
1/2"x5/16" - 08B-1 (12,7x7,75mm) rullo 8,51 mm						
Dimensioni - Dimensions - B1=7.2 / C=1.3 / r3=13						
Z	de mm	dp mm	dm mm	D1 mm	A mm	Peso Weight Kg.
18	78.0	73.14	56	35	28	0.41
18	78.0	73.14	56	38	28	0.39
19	82.0	77.16	52	16	28	0.55
19	82.0	77.16	52	18	28	0.53
19	82.0	77.16	52	19	28	0.52
19	82.0	77.16	60	20	28	0.64
19	82.0	77.16	60	22	28	0.62
19	82.0	77.16	60	24	28	0.60
19	82.0	77.16	60	25	28	0.59
19	82.0	77.16	60	28	28	0.57
19	82.0	77.16	60	30	28	0.55
19	82.0	77.16	60	32	28	0.53
19	82.0	77.16	60	35	28	0.49
19	82.0	77.16	60	38	28	0.46
20	86.0	81.19	55	16	28	0.64
20	86.0	81.19	55	18	28	0.61
20	86.0	81.19	55	19	28	0.59
20	86.0	81.19	64	20	28	0.74
20	86.0	81.19	64	22	28	0.72
20	86.0	81.19	64	24	28	0.71
20	86.0	81.19	64	25	28	0.70
20	86.0	81.19	64	28	28	0.67
20	86.0	81.19	64	30	28	0.65
20	86.0	81.19	64	32	28	0.63
20	86.0	81.19	64	35	28	0.61
20	86.0	81.19	64	38	28	0.59
21	90.1	85.22	55	16	28	0.74
21	90.1	85.22	55	18	28	0.72
21	90.1	85.22	55	19	28	0.71



TIPO §

1/2"x5/16" - 08B-1 (12,7x7,75 mm) rullo 8,51 mm						
Dimensioni - Dimensions - B1=7.2 / C=1.3 / r3=13						
Z	de mm	dp mm	dm mm	D1 mm	A mm	Peso Weight Kg.
21	90.1	85.22	60	20	28	0.70
21	90.1	85.22	60	22	28	0.68
21	90.1	85.22	68	24	28	0.80
21	90.1	85.22	68	25	28	0.79
21	90.1	85.22	68	28	28	0.77
21	90.1	85.22	68	30	28	0.75
21	90.1	85.22	68	32	28	0.72
21	90.1	85.22	68	35	28	0.69
21	90.1	85.22	68	38	28	0.65
22	94.1	89.24	55	16	28	0.84
22	94.1	89.24	55	18	28	0.81
22	94.1	89.24	55	19	28	0.80
22	94.1	89.24	65	20	28	0.82
22	94.1	89.24	65	22	28	0.80
22	94.1	89.24	70	24	28	0.87
22	94.1	89.24	70	25	28	0.86
22	94.1	89.24	70	28	28	0.83
22	94.1	89.24	70	30	28	0.81
22	94.1	89.24	70	32	28	0.78
22	94.1	89.24	70	35	28	0.75
22	94.1	89.24	70	38	28	0.71
23	98.1	93.27	65	19	28	0.86
23	98.1	93.27	65	20	28	0.85
23	98.1	93.27	70	22	28	0.93
23	98.1	93.27	70	24	28	0.90
23	98.1	93.27	70	25	28	0.89
23	98.1	93.27	70	28	28	0.86
23	98.1	93.27	70	30	28	0.84
23	98.1	93.27	70	32	28	0.82

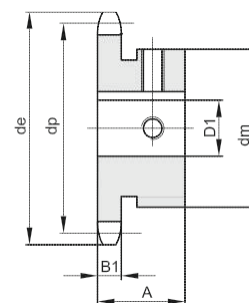
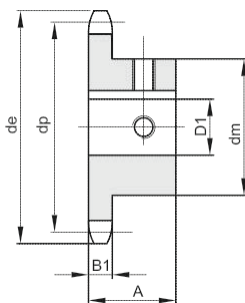
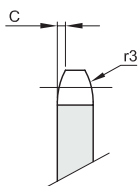
1/2"x5/16" - 08B-1 (12,7x7,75mm) rullo 8,51 mm						
Dimensioni - Dimensions - B1=7.2 / C=1.3 / r3=13						
Z	de mm	dp mm	dm mm	D1 mm	A mm	Peso Weight Kg.
23	98.1	93.21	70	35	28	0.79
23	98.1	93.27	70	38	28	0.76
24	102.1	97.29	65	19	28	0.91
24	102.1	97.29	65	20	28	0.89
24	102.1	97.29	70	22	28	0.92
24	102.1	97.29	70	24	28	0.94
24	102.1	97.29	70	25	28	0.93
24	102.1	97.29	70	28	28	0.90
24	102.1	97.29	70	30	28	0.88
24	102.1	97.29	70	32	28	0.85
24	102.1	97.29	70	35	28	0.82
24	102.1	97.29	70	38	28	0.79
25	106.2	101.33	65	19	28	0.94
25	106.2	101.33	65	20	28	0.92
25	106.2	101.33	70	22	28	0.99
25	106.2	101.33	70	24	28	0.97
25	106.2	101.33	70	25	28	0.97
25	106.2	101.33	70	28	28	0.94
25	106.2	101.33	70	30	28	0.92
25	106.2	101.33	70	32	28	0.90
25	106.2	101.33	70	35	28	0.86
25	106.2	101.33	70	38	28	0.80
30	126.3	121.50	75	25	30	1.31
30	126.3	121.50	75	28	30	1.28
30	126.3	121.50	80	30	30	1.37
30	126.3	121.50	80	32	30	1.34
30	126.3	121.50	80	35	30	1.31
30	126.3	121.50	80	38	30	1.28



TIPO §

5/8"x3/8" - 10B-1 (15,875x9,65 mm) rullo 10,16 mm						
Dimensioni - Dimensions - B1=9.1 / C=1.6 / r3=16						
Z	de mm	dp mm	dm mm	D1 mm	A mm	Peso Weight Kg.
10	58.3	51.37	35	15	25	0.21
10	58.3	51.37	35	16	25	0.21
10	58.3	51.37	35	18	25	0.20
10	58.3	51.37	35	19	25	0.20
10	58.3	51.37	35	20	25	0.18
10	58.3	51.37	42 §	24	25	0.21
11	63.2	56.34	37	15	30	0.30
11	63.2	56.34	37	16	30	0.30
11	63.2	56.34	37	18	30	0.28
11	63.2	56.34	37	19	30	0.27
11	63.2	56.34	37	20	30	0.26
11	63.2	56.34	47 §	24	30	0.30
11	63.2	56.34	47 §	25	30	0.29
11	63.2	56.34	47 §	28	30	0.27
12	68.2	61.34	42	15	30	0.38
12	68.2	61.34	42	16	30	0.37
12	68.2	61.34	42	18	30	0.35
12	68.2	61.34	42	19	30	0.34
12	68.2	61.34	42	20	30	0.34
12	68.2	61.34	42	22	30	0.33
12	68.2	61.34	42	24	30	0.31
12	68.2	61.34	42	25	30	0.30
12	68.2	61.34	51 §	28	30	0.34
12	68.2	61.34	51 §	30	30	0.32
12	68.2	61.34	55 §	32	30	0.34
13	73.2	66.32	47	15	30	0.48
13	73.2	66.32	47	16	30	0.47
13	73.2	66.32	47	18	30	0.45
13	73.2	66.32	47	19	30	0.44

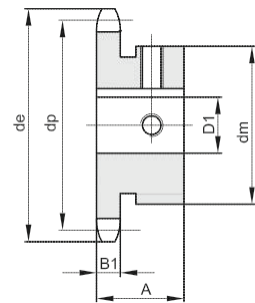
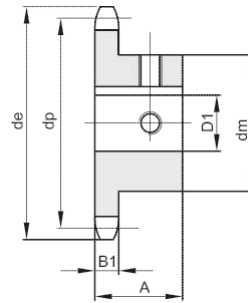
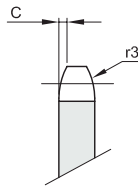
5/8"x3/8" - 10B-1 (15.875x9,65mm) rullo 10,16 mm						
Dimensioni - Dimensions - B1=9.1 / C=1.6 / r3=16						
Z	de mm	dp mm	dm mm	D1 mm	A mm	Peso Weight Kg.
13	73.2	66.32	47	20	30	0.44
13	73.2	66.32	47	22	30	0.42
13	73.2	66.32	47	24	30	0.40
13	73.2	66.32	47	25	30	0.39
13	73.2	66.32	47	28	30	0.36
13	73.2	66.32	47	30	30	0.34
13	73.2	66.32	57 §	32	30	0.40
14	78.2	71.34	52	15	30	0.57
14	78.2	71.34	52	16	30	0.56
14	78.2	71.34	52	18	30	0.54
14	78.2	71.34	52	19	30	0.54
14	78.2	71.34	52	20	30	0.53
14	78.2	71.34	52	22	30	0.51
14	78.2	71.34	52	24	30	0.50
14	78.2	71.34	52	25	30	0.49
14	78.2	71.34	52	28	30	0.46
14	78.2	71.34	52	30	30	0.44
14	78.2	71.34	52	32	30	0.42
15	83.2	76.36	57	19	30	0.67
15	83.2	76.36	57	20	30	0.65
15	83.2	76.36	57	22	30	0.63
15	83.2	76.36	57	24	30	0.61
15	83.2	76.36	57	25	30	0.60
15	83.2	76.36	57	28	30	0.57
15	83.2	76.36	57	30	30	0.55
15	83.2	76.36	57	32	30	0.52
15	83.2	76.36	57	35	30	0.49
16	88.3	81.37	60	19	30	0.76
16	88.3	81.37	60	20	30	0.74



TIPO §

5/8"x3/8" - 10B-1 (15,875x9,65 mm) rullo 10,16 mm						
Dimensioni - Dimensions - B1=9.1 / C=1.6 / r3=16						
Z	de mm	dp mm	dm mm	D1 mm	A mm	Peso Weight Kg.
16	88.3	81.37	60	22	30	0.73
16	88.3	81.37	60	24	30	0.71
16	88.3	81.37	60	25	30	0.70
16	88.3	81.37	60	28	30	0.68
16	88.3	81.37	60	30	30	0.65
16	88.3	81.37	60	32	30	0.62
16	88.3	81.37	60	35	30	0.58
16	88.3	81.37	60	38	30	0.54
17	93.3	86.39	60	19	30	0.80
17	93.3	86.39	60	20	30	0.78
17	93.3	86.39	60	22	30	0.76
17	93.3	86.39	60	24	30	0.75
17	93.3	86.39	60	25	30	0.74
17	93.3	86.39	60	28	30	0.71
17	93.3	86.39	60	30	30	0.69
17	93.3	86.39	60	32	30	0.65
17	93.3	86.39	60	35	30	0.63
17	93.3	86.39	60	38	30	0.60
18	98.3	91.42	60	19	30	0.85
18	98.3	91.42	60	20	30	0.83
18	98.3	91.42	70	22	30	0.97
18	98.3	91.42	70	24	30	0.96
18	98.3	91.42	70	25	30	0.95
18	98.3	91.42	70	28	30	0.93
18	98.3	91.42	70	30	30	0.91
18	98.3	91.42	70	32	30	0.87
18	98.3	91.42	70	35	30	0.84
18	98.3	91.42	70	38	30	0.80
18	98.3	91.42	70	40	30	0.77

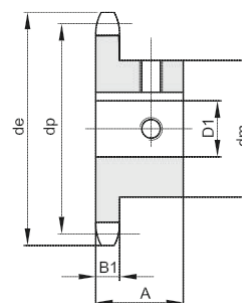
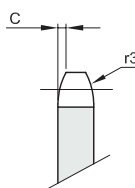
5/8"x3/8" - 10B-1 (15.875x9,65mm) rullo 10,16 mm						
Dimensioni - Dimensions - B1=9.1 / C=1.6 / r3=16						
Z	de mm	dp mm	dm mm	D1 mm	A mm	Peso Weight Kg.
18	98.3	91.42	70	42	30	0.74
19	103.3	96.45	60	19	30	0.91
19	103.3	96.45	60	20	30	0.90
19	103.3	96.45	70	22	30	1.07
19	103.3	96.45	70	24	30	1.02
19	103.3	96.45	70	25	30	1.02
19	103.3	96.45	70	28	30	1.00
19	103.3	96.45	70	30	30	0.97
19	103.3	96.45	70	32	30	0.94
19	103.3	96.45	70	35	30	0.91
19	103.3	96.45	70	38	30	0.86
19	103.3	96.45	70	40	30	0.83
19	103.3	96.45	70	42	30	0.80
20	108.4	101.49	65	19	30	1.06
20	108.4	101.49	65	20	30	1.04
20	108.4	101.49	65	22	30	1.01
20	108.4	101.49	70	24	30	1.08
20	108.4	101.49	70	25	30	1.07
20	108.4	101.49	75	28	30	1.13
20	108.4	101.49	75	30	30	1.11
20	108.4	101.49	75	32	30	1.08
20	108.4	101.49	75	35	30	1.05
20	108.4	101.49	75	38	30	1.01
20	108.4	101.49	75	40	30	0.98
20	108.4	101.49	75	42	30	0.95
21	113.4	106.52	65	19	30	1.10
21	113.4	106.52	65	20	30	1.08
21	113.4	106.52	65	22	30	1.06
21	113.4	106.52	70	24	30	1.13



TIPO §

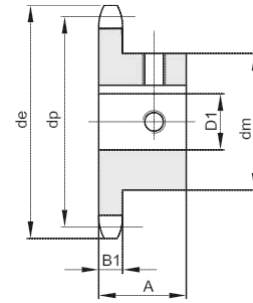
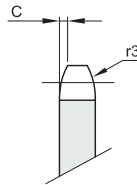
5/8"x3/8" - 10B-1 (15,875x9,65 mm) rullo 10,16 mm						
Dimensioni - Dimensions - B1=9.1 / C=1.6 / r3=16						
Z	de mm	dp mm	dm mm	D1 mm	A mm	Peso Weight Kg.
21	113.4	106.52	70	25	30	1.12
21	113.4	106.52	75	28	30	1.15
21	113.4	106.52	75	30	30	1.17
21	113.4	106.52	75	32	30	1.14
21	113.4	106.52	75	35	30	1.11
21	113.4	106.52	75	38	30	1.08
21	113.4	106.52	75	40	30	1.03
21	113.4	106.52	75	42	30	0.99
22	118.4	111.55	65	19	30	1.16
22	118.4	111.55	65	20	30	1.14
22	118.4	111.55	65	22	30	1.11
22	118.4	111.55	70	24	30	1.20
22	118.4	111.55	70	25	30	1.19
22	118.4	111.55	80	28	30	1.35
22	118.4	111.55	80	30	30	1.32
22	118.4	111.55	80	32	30	1.29
22	118.4	111.55	80	35	30	1.26
22	118.4	111.55	80	38	30	1.23
22	118.4	111.55	80	40	30	1.19
22	118.4	111.55	80	42	30	1.17
23	123.5	116.58	65	19	30	1.25
23	123.5	116.58	65	20	30	1.22
23	123.5	116.58	65	22	30	1.20
23	123.5	116.58	70	24	30	1.27
23	123.5	116.58	70	25	30	1.25
23	123.5	116.58	80	28	30	1.36
23	123.5	116.58	80	30	30	1.39
23	123.5	116.58	80	32	30	1.36
23	123.5	116.58	80	35	30	1.33

5/8"x3/8" - 10B-1 (15.875x9,65mm) rullo 10,16 mm						
Dimensioni - Dimensions - B1=9.1 / C=1.6 / r3=16						
Z	de mm	dp mm	dm mm	D1 mm	A mm	Peso Weight Kg.
23	123.5	116.58	80	38	30	1.30
23	123.5	116.58	80	40	30	1.26
23	123.5	116.58	80	42	30	1.20
24	128.5	121.62	65	19	30	1.30
24	128.5	121.62	65	20	30	1.28
24	128.5	121.62	65	22	30	1.25
24	128.5	121.62	70	24	30	1.34
24	128.5	121.62	70	25	30	1.33
24	128.5	121.62	80	28	30	1.48
24	128.5	121.62	80	30	30	1.45
24	128.5	121.62	80	32	30	1.42
24	128.5	121.62	80	35	30	1.40
24	128.5	121.62	80	38	30	1.35
24	128.5	121.62	80	40	30	1.33
24	128.5	121.62	80	42	30	1.30
25	133.6	126.66	65	19	30	1.37
25	133.6	126.66	65	20	30	1.35
25	133.6	126.66	65	22	30	1.32
25	133.6	126.66	70	24	30	1.41
25	133.6	126.66	70	25	30	1.39
25	133.6	126.66	80	28	30	1.56
25	133.6	126.66	80	30	30	1.53
25	133.6	126.66	80	32	30	1.50
25	133.6	126.66	80	35	30	1.47
25	133.6	126.66	80	38	30	1.43
25	133.6	126.66	80	40	30	1.40
25	133.6	126.66	80	42	30	1.38



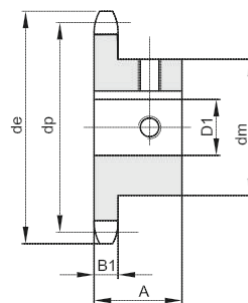
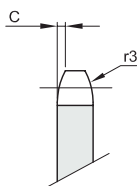
3/4"x7/16" - 12B-1 (19,05x11,68 mm) rullo 12,07 mm						
Dimensioni - Dimensions - B1=11.1 / C=2 / r3=19						
Z	de mm	dp mm	dm mm	D1 mm	A mm	Peso Weight Kg.
10	69.8	61.64	42	19	30	0.37
10	69.8	61.64	42	20	30	0.36
10	69.8	61.64	42	24	30	0.33
10	69.8	61.64	42	25	30	0.32
11	75.8	67.61	46	19	35	0.51
11	75.8	67.61	46	20	35	0.50
11	75.8	67.61	46	24	35	0.46
11	75.8	67.61	46	25	35	0.45
12	81.8	73.60	52	19	35	0.67
12	81.8	73.60	52	20	35	0.66
12	81.8	73.60	52	22	35	0.64
12	81.8	73.60	52	24	35	0.61
12	81.8	73.60	52	25	35	0.60
12	81.8	73.60	52	28	35	0.57
12	81.8	73.60	52	30	35	0.55
12	81.8	73.60	56	32	35	0.59
12	81.8	73.60	56	35	35	0.54
13	87.8	79.59	58	19	35	0.82
13	87.8	79.59	58	20	35	0.81
13	87.8	79.59	58	22	35	0.80
13	87.8	79.59	58	24	35	0.77
13	87.8	79.59	58	25	35	0.76
13	87.8	79.59	58	28	35	0.73
13	87.8	79.59	58	30	35	0.70
13	87.8	79.59	58	32	35	0.66
13	87.8	79.59	58	35	35	0.62
13	87.8	79.59	61	38	35	0.67
14	93.8	85.61	60	19	35	0.92
14	93.8	85.61	60	20	35	0.91

3/4"x7/16" - 12B-1 (19,05x11,68 mm) rullo 12,07 mm						
Dimensioni - Dimensions - B1=11.1 / C=2 / r3=19						
Z	de mm	dp mm	dm mm	D1 mm	A mm	Peso Weight Kg.
14	93.8	85.61	60	22	35	0.88
14	93.8	85.61	64	24	35	0.94
14	93.8	85.61	64	25	35	0.93
14	93.8	85.61	64	28	35	0.90
14	93.8	85.61	64	30	35	0.87
14	93.8	85.61	64	32	35	0.84
14	93.8	85.61	64	35	35	0.80
14	93.8	85.61	64	38	35	0.75
14	93.8	85.61	67	40	35	0.85
15	99.8	91.63	65	19	35	1.10
15	99.8	91.63	65	20	35	1.08
15	99.8	91.63	65	22	35	1.03
15	99.8	91.63	70	24	35	1.13
15	99.8	91.63	70	25	35	1.11
15	99.8	91.63	70	28	35	1.09
15	99.8	91.63	70	30	35	1.06
15	99.8	91.63	70	32	35	1.03
15	99.8	91.63	70	35	35	0.99
15	99.8	91.63	70	38	35	0.95
15	99.8	91.63	70	40	35	0.91
16	105.8	97.65	65	19	35	1.17
16	105.8	97.65	65	20	35	1.15
16	105.8	97.65	65	22	35	1.12
16	105.8	97.65	70	24	35	1.22
16	105.8	97.65	70	25	35	1.20
16	105.8	97.65	75	28	35	1.30
16	105.8	97.65	75	30	35	1.25
16	105.8	97.65	75	32	35	1.20
16	105.8	97.65	75	35	35	1.16



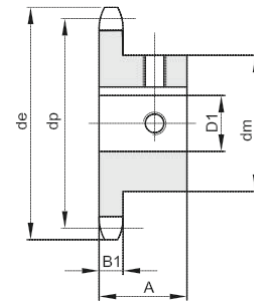
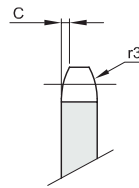
3/4"x7/16" - 12B-1 (19,05x11,68 mm) rullo 12,07 mm						
Dimensioni - Dimensions - B1=11.1 / C=2 / r3=19						
Z	de mm	dp mm	dm mm	D1 mm	A mm	Peso Weight Kg.
16	105.8	97.65	75	38	35	1.12
16	105.8	97.65	75	40	35	1.08
17	111.9	103.67	70	25	35	1.28
17	111.9	103.67	80	28	35	1.35
17	111.9	103.67	80	30	35	1.43
17	111.9	103.67	80	32	35	1.40
17	111.9	103.67	80	35	35	1.37
17	111.9	103.67	80	38	35	1.33
17	111.9	103.67	80	40	35	1.28
17	111.9	103.67	80	42	35	1.23
18	117.9	109.71	70	25	35	1.37
18	117.9	109.71	80	28	35	1.55
18	117.9	109.71	80	30	35	1.52
18	117.9	109.71	80	32	35	1.49
18	117.9	109.71	80	35	35	1.45
18	117.9	109.71	80	38	35	1.40
18	117.9	109.71	80	40	35	1.36
18	117.9	109.71	80	42	35	1.32
19	123.9	115.75	70	25	35	1.45
19	123.9	115.75	80	28	35	1.65
19	123.9	115.75	80	30	35	1.62
19	123.9	115.75	80	32	35	1.57
19	123.9	115.75	80	35	35	1.53
19	123.9	115.75	80	38	35	1.49
19	123.9	115.75	80	40	35	1.46
19	123.9	115.75	80	42	35	1.42
19	123.9	115.75	80	45	35	1.37
19	123.9	115.75	80	48	35	1.32
19	123.9	115.75	80	50	35	1.25

3/4"x7/16" - 12B-1 (19,05x11,68 mm) rullo 12,07 mm						
Dimensioni - Dimensions - B1=11.1 / C=2 / r3=19						
Z	de mm	dp mm	dm mm	D1 mm	A mm	Peso Weight Kg.
20	130.0	121.78	70	25	35	1.54
20	130.0	121.78	80	28	35	1.77
20	130.0	121.78	80	30	35	1.72
20	130.0	121.78	80	32	35	1.67
20	130.0	121.78	80	35	35	1.63
20	130.0	121.78	80	38	35	1.58
20	130.0	121.78	80	40	35	1.55
20	130.0	121.78	80	42	35	1.50
20	130.0	121.78	80	45	35	1.45
20	130.0	121.78	80	48	35	1.40
20	130.0	121.78	80	50	35	1.36
21	136.0	127.82	70	25	40	1.78
21	136.0	127.82	80	28	40	2.02
21	136.0	127.82	80	30	40	1.97
21	136.0	127.82	90	32	40	2.23
21	136.0	127.82	90	35	40	2.19
21	136.0	127.82	90	38	40	2.14
21	136.0	127.82	90	40	40	2.09
21	136.0	127.82	90	42	40	2.04
21	136.0	127.82	90	45	40	1.98
21	136.0	127.82	90	48	40	1.93
21	136.0	127.82	90	50	40	1.87
22	142.0	133.86	70	25	40	1.90
22	142.0	133.86	80	28	40	1.16
22	142.0	133.86	80	30	40	1.10
22	142.0	133.86	90	32	40	2.37
22	142.0	133.86	90	35	40	2.31
22	142.0	133.86	90	38	40	2.26
22	142.0	133.86	90	40	40	2.21



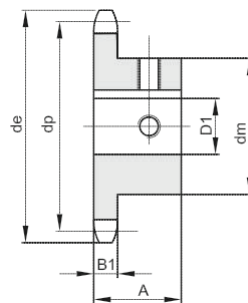
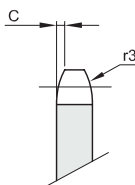
3/4"x7/16" - 12B-1 (19,05x11,68 mm) rullo 12,07 mm						
Dimensioni - Dimensions - B1=11.1 / C=2 / r3=19						
Z	de mm	dp mm	dm mm	D1 mm	A mm	Peso Weight Kg.
22	142.0	133.86	90	42	40	2.18
22	142.0	133.86	90	45	40	2.13
22	142.0	133.86	90	48	40	2.06
22	142.0	133.86	90	50	40	1.99
23	148.1	139.90	70	25	40	2.02
23	148.1	139.90	80	28	40	2.28
23	148.1	139.90	80	30	40	2.21
23	148.1	139.90	90	32	40	2.47
23	148.1	139.90	90	35	40	2.41
23	148.1	139.90	90	38	40	2.36
23	148.1	139.90	90	40	40	2.32
23	148.1	139.90	90	42	40	2.27
23	148.1	139.90	90	45	40	2.21
23	148.1	139.90	90	48	40	2.15
23	148.1	139.90	90	50	40	2.10
24	154.1	145.94	70	25	40	2.14
24	154.1	145.94	80	28	40	2.37
24	154.1	145.94	80	30	40	2.32
24	154.1	145.94	90	32	40	2.60
24	154.1	145.94	90	35	40	2.54
24	154.1	145.94	90	38	40	2.49
24	154.1	145.94	90	40	40	2.44
24	154.1	145.94	90	42	40	2.39
24	154.1	145.94	90	45	40	2.34
24	154.1	145.94	90	48	40	2.28
24	154.1	145.94	90	50	40	2.23
25	160.2	152.00	70	25	40	2.25
25	160.2	152.00	80	28	40	2.51
25	160.2	152.00	80	30	40	2.45

3/4"x7/16" - 12B-1 (19,05x11,68 mm) rullo 12,07 mm						
Dimensioni - Dimensions - B1=11.1 / C=2 / r3=19						
Z	de mm	dp mm	dm mm	D1 mm	A mm	Peso Weight Kg.
25	160.2	152.00	90	32	40	2.71
25	160.2	152.00	90	35	40	2.67
25	160.2	152.00	90	38	40	2.62
25	160.2	152.00	90	40	40	2.58
25	160.2	152.00	90	42	40	2.52
25	160.2	152.00	90	45	40	2.46
25	160.2	152.00	90	48	40	2.41
25	160.2	152.00	90	50	40	2.36



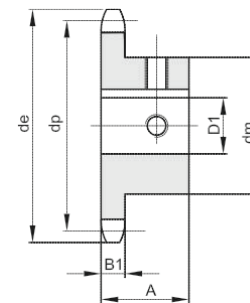
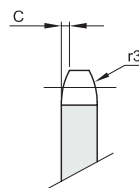
1 "x17,02- 16B-1 (25,4x17,02 mm) rullo 15,88 mm						
Dimensioni - Dimensions - B1=16.2 / C=2.5 / r3=26						
Z	de mm	dp mm	dm mm	D1 mm	A mm	Peso Weight Kg.
11	101.7	90.14	61	25	40	1.12
11	101.7	90.14	61	28	40	1.09
11	101.7	90.14	61	30	40	1.06
11	101.7	90.14	61	32	40	1.02
11	101.7	90.14	61	35	40	0.98
11	101.7	90.14	65	38	40	0.97
11	101.7	90.14	67	40	40	0.99
11	101.7	90.14	67	42	40	0.97
12	109.7	98.14	69	25	40	1.42
12	109.7	98.14	69	28	40	1.39
12	109.7	98.14	69	30	40	1.35
12	109.7	98.14	69	32	40	1.31
12	109.7	98.14	69	35	40	1.27
12	109.7	98.14	69	38	40	1.22
12	109.7	98.14	69	40	40	1.17
12	109.7	98.14	69	42	40	1.13
13	117.7	106.12	70	25	40	1.59
13	117.7	106.12	78	28	40	1.61
13	117.7	106.12	78	30	40	1.63
13	117.7	106.12	78	32	40	1.62
13	117.7	106.12	78	35	40	1.61
13	117.7	106.12	78	38	40	1.56
13	117.7	106.12	78	40	40	1.51
13	117.7	106.12	78	42	40	1.48
13	117.7	106.12	78	45	40	1.45
13	117.7	106.12	78	48	40	1.41
13	117.7	106.12	78	50	40	1.37
14	125.7	114.15	70	25	40	1.83
14	125.7	114.15	80	28	40	1.95

1 "x17,02- 16B-1 (25,4x17,02 mm) rullo 15,88 mm						
Dimensioni - Dimensions - B1=16.2 / C=2.5 / r3=26						
Z	de mm	dp mm	dm mm	D1 mm	A mm	Peso Weight Kg.
14	125.7	114.15	80	30	40	1.92
14	125.7	114.15	80	32	40	1.89
14	125.7	114.15	84	35	40	1.91
14	125.7	114.15	84	38	40	1.86
14	125.7	114.15	84	40	40	1.83
14	125.7	114.15	84	42	40	1.75
14	125.7	114.15	84	45	40	1.71
14	125.7	114.15	84	48	40	1.66
14	125.7	114.15	84	50	40	1.61
15	133.7	122.17	70	25	40	1.94
15	133.7	122.17	80	28	40	2.12
15	133.7	122.17	80	30	40	2.09
15	133.7	122.17	80	32	40	2.03
15	133.7	122.17	92	35	40	2.30
15	133.7	122.17	92	38	40	2.25
15	133.7	122.17	92	40	40	2.21
15	133.7	122.17	92	42	40	2.15
15	133.7	122.17	92	45	40	2.08
15	133.7	122.17	92	48	40	2.03
15	133.7	122.17	92	50	40	1.99
16	141.8	130.20	80	25	45	2.59
16	141.8	130.20	80	28	45	2.50
16	141.8	130.20	80	30	45	2.47
16	141.8	130.20	100	32	45	3.09
16	141.8	130.20	100	35	45	3.01
16	141.8	130.20	100	38	45	2.94
16	141.8	130.20	100	40	45	2.89
16	141.8	130.20	100	42	45	2.84
16	141.8	130.20	100	45	45	2.78



1 "x17,02- 16B-1 (25,4x17,02 mm) rullo 15,88 mm						
Dimensioni - Dimensions - B1=16.2 / C=2.5 / r3=26						
Z	de mm	dp mm	dm mm	D1 mm	A mm	Peso Weight Kg.
16	141.8	130.20	100	48	45	2.70
16	141.8	130.20	100	50	45	2.65
17	149.8	138.22	80	25	45	2.75
17	149.8	138.22	80	28	45	2.70
17	149.8	138.22	80	30	45	2.67
17	149.8	138.22	100	32	45	3.30
17	149.8	138.22	100	35	45	3.21
17	149.8	138.22	100	38	45	3.15
17	149.8	138.22	100	40	45	3.09
17	149.8	138.22	100	42	45	3.02
17	149.8	138.22	100	45	45	2.97
17	149.8	138.22	100	48	45	2.91
17	149.8	138.22	100	50	45	2.84
18	157.8	146.28	80	25	45	2.97
18	157.8	146.28	80	28	45	2.92
18	157.8	146.28	80	30	45	2.89
18	157.8	146.28	100	32	45	3.47
18	157.8	146.28	100	35	45	3.42
18	157.8	146.28	100	38	45	3.37
18	157.8	146.28	100	40	45	3.32
18	157.8	146.28	100	42	45	3.25
18	157.8	146.28	100	45	45	3.19
18	157.8	146.28	100	48	45	3.12
18	157.8	146.28	100	50	45	3.06
19	165.9	154.33	80	25	45	3.21
19	165.9	154.33	80	28	45	3.18
19	165.9	154.33	80	30	45	3.12
19	165.9	154.33	100	32	45	3.71
19	165.9	154.33	100	35	45	3.67

1 "x17,02- 16B-1 (25,4x17,02 mm) rullo 15,88 mm						
Dimensioni - Dimensions - B1=16.2 / C=2.5 / r3=26						
Z	de mm	dp mm	dm mm	D1 mm	A mm	Peso Weight Kg.
19	165.9	154.33	100	38	45	3.61
19	165.9	154.33	100	40	45	3.56
19	165.9	154.33	100	42	45	3.51
19	165.9	154.33	100	45	45	3.46
19	165.9	154.33	100	48	45	3.38
19	165.9	154.33	100	50	45	3.30
20	173.9	162.38	80	25	45	3.46
20	173.9	162.38	80	28	45	3.41
20	173.9	162.38	80	30	45	3.37
20	173.9	162.38	100	32	45	3.95
20	173.9	162.38	100	35	45	3.90
20	173.9	162.38	100	38	45	3.84
20	173.9	162.38	100	40	45	3.79
20	173.9	162.38	100	42	45	3.72
20	173.9	162.38	100	45	45	3.65
20	173.9	162.38	100	48	45	3.60
20	173.9	162.38	100	50	45	3.55
21	182.0	170.43	80	25	50	3.92
21	182.0	170.43	80	28	50	3.86
21	182.0	170.43	80	30	50	3.81
21	182.0	170.43	100	32	50	4.52
21	182.0	170.43	100	35	50	4.45
21	182.0	170.43	100	38	50	4.38
21	182.0	170.43	110	40	50	4.75
21	182.0	170.43	110	42	50	4.70
21	182.0	170.43	110	45	50	4.63
21	182.0	170.43	110	48	50	4.54
21	182.0	170.43	110	50	50	4.48
22	190.1	178.48	80	25	50	4.19

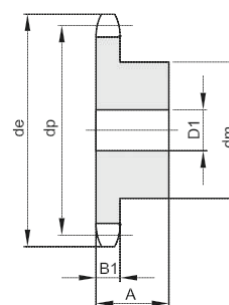
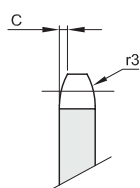


1 "x17,02- 16B-1 (25,4x17,02 mm) rullo 15,88 mm						
Dimensioni - Dimensions - B1=16.2 / C=2.5 / r3=26						
Z	de mm	dp mm	dm mm	D1 mm	A mm	Peso Weight Kg.
22	190.1	178.48	80	28	50	4.13
22	190.1	178.48	80	30	50	4.08
22	190.1	178.48	100	32	50	4.79
22	190.1	178.48	100	35	50	4.72
22	190.1	178.48	100	38	50	4.66
22	190.1	178.48	110	40	50	5.04
22	190.1	178.48	110	42	50	5.00
22	190.1	178.48	110	45	50	4.94
22	190.1	178.48	110	48	50	4.88
22	190.1	178.48	110	50	50	4.82
23	198.1	186.53	80	25	50	4.48
23	198.1	186.53	80	28	50	4.42
23	198.1	186.53	80	30	50	4.35
23	198.1	186.53	100	32	50	5.08
23	198.1	186.53	100	35	50	5.01
23	198.1	186.53	100	38	50	4.93
23	198.1	186.53	110	40	50	5.32
23	198.1	186.53	110	42	50	5.28
23	198.1	186.53	110	45	50	5.22
23	198.1	186.53	110	48	50	5.17
23	198.1	186.53	110	50	50	5.11
24	206.2	194.59	80	25	50	4.79
24	206.2	194.59	80	28	50	4.73
24	206.2	194.59	80	30	50	4.68
24	206.2	194.59	100	32	50	5.37
24	206.2	194.59	100	35	50	5.31
24	206.2	194.59	100	38	50	5.26
24	206.2	194.59	110	40	50	5.63
24	206.2	194.59	110	42	50	5.54

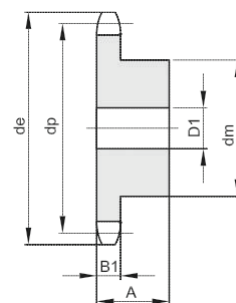
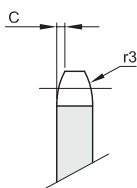
1 "x17,02- 16B-1 (25,4x17,02 mm) rullo 15,88 mm						
Dimensioni - Dimensions - B1=16.2 / C=2.5 / r3=26						
Z	de mm	dp mm	dm mm	D1 mm	A mm	Peso Weight Kg.
24	206.2	194.59	110	45	50	5.46
24	206.2	194.59	110	48	50	5.39
24	206.2	194.59	110	50	50	5.32
25	214.2	202.66	80	25	50	5.11
25	214.2	202.66	80	28	50	5.04
25	214.2	202.66	80	30	50	4.97
25	214.2	202.66	100	32	50	5.67
25	214.2	202.66	100	35	50	5.60
25	214.2	202.66	100	38	50	5.53
25	214.2	202.66	110	40	50	5.92
25	214.2	202.66	110	42	50	5.84
25	214.2	202.66	110	45	50	5.77
25	214.2	202.66	110	48	50	5.70
25	214.2	202.66	110	50	50	5.64



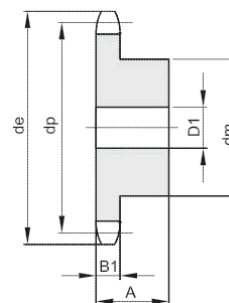
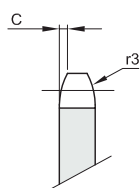
Pignoni per Catene a Rulli
Sprockets for Roller Chains



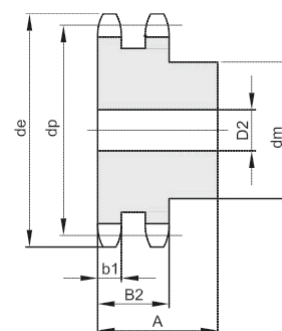
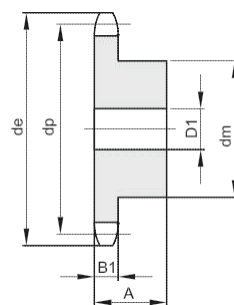
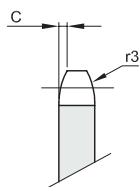
5x2,5 - 03-1 rullo 3,2 mm - Dimensioni - Dimensions - B1=2.3 / C=0.4 / r3=5														
Materiale - Material C 45			Semplici - Simplex				Doppi - Duplex				Tripli - Triplex			
Z	de mm	dp mm	dm mm	D1 mm	A mm	Peso Weight Kg.	dm mm	D1 mm	A mm	Peso Weight Kg.	dm mm	D1 mm	A mm	Peso Weight Kg.
8	14.8	13.06	7	4	10	0.01								
9	16.4	14.62	8	5	10	0.01								
10	17.9	16.19	9	5	10	0.01								
11	19.5	17.75	11	6	10	0.01								
12	21.1	19.32	12	6	10	0.01								
13	22.6	20.89	14	6	10	0.01								
14	24.2	22.47	15	6	10	0.02								
15	25.8	24.04	16	6	10	0.02								
16	27.4	25.63	18	8	13	0.02								
17	29.0	27.20	18	8	13	0.03								
18	30.5	28.79	18	8	13	0.03								
19	32.1	30.38	18	8	13	0.03								
20	33.7	31.96	18	8	13	0.03								
21	35.3	33.54	20	8	13	0.04								
22	36.9	35.13	20	8	13	0.04								
23	38.5	36.72	20	8	13	0.04								
24	40.1	38.30	20	8	13	0.04								
25	41.6	39.89	20	8	13	0.04								
27	44.8	43.07	25	8	15	0.07								
28	46.4	44.65	25	8	15	0.07								
29	48.0	46.25	25	8	15	0.07								
30	49.6	47.83	25	8	15	0.07								
31	51.2	49.42	30	8	15	0.10								
32	52.8	51.01	30	8	15	0.10								
33	54.4	52.60	30	8	15	0.10								
34	55.9	54.19	30	8	15	0.10								
35	57.5	55.78	30	8	15	0.11								
37	60.7	58.96	30	8	15	0.11								
38	62.3	60.54	30	8	15	0.11								



6x2,8 - 04-1 rullo 4 mm - Dimensioni - Dimensions - B1=2.6 / C=0.6 / r3=6															
Materiale - Material C 45			Semplici - Simplex				Doppi - Douplex				Tripli - Triplex				
Z	de mm	dp mm	dm mm	D1 mm	A mm	Peso Weight Kg.	dm mm	D1 mm	A mm	Peso Weight Kg.	dm mm	D1 mm	A mm	Peso Weight Kg.	
8	18.0	15.67	9.8	5	10	0.01									
9	19.9	17.54	11.5	5	10	0.01									
10	21.7	19.42	13.0	6	10	0.01									
11	23.6	21.30	14.0	6	10	0.01									
12	25.4	23.18	16.0	6	10	0.02									
13	27.3	25.05	18.0	6	10	0.02									
14	29.2	26.96	20.0	6	10	0.03									
15	31.1	28.86	20.0	6	10	0.03									
16	33.0	30.76	20.0	8	13	0.03									
17	35.0	32.65	20.0	8	13	0.04									
18	36.9	34.55	20.0	8	13	0.04									
19	38.8	36.44	20.0	8	13	0.04									
20	40.7	38.34	20.0	8	13	0.04									
21	42.6	40.25	25.0	8	13	0.06									
22	44.5	42.16	25.0	8	13	0.06									
23	46.4	44.06	25.0	8	13	0.06									
24	48.3	45.96	25.0	8	13	0.07									
25	50.2	47.87	25.0	8	13	0.07									
26	52.1	49.77	30.0	8	15	0.10									
27	54.0	51.67	30.0	8	15	0.10									
28	55.9	53.58	30.0	8	15	0.11									
29	57.8	55.50	30.0	8	15	0.11									
30	59.8	57.42	30.0	8	15	0.11									
31	61.7	59.31	30.0	10	15	0.11									
32	63.6	61.21	30.0	10	15	0.12									
33	65.5	63.11	30.0	10	15	0.12									
34	67.4	65.02	30.0	10	15	0.12									
35	69.3	66.93	30.0	10	15	0.13									
36	71.2	68.84	30.0	10	15	0.13									

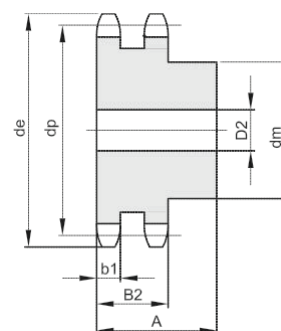
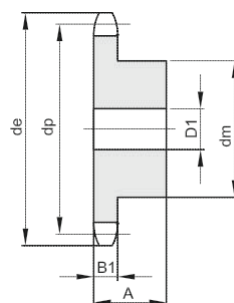
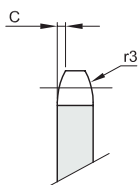


6x2,8 - 04-1 rullo 4 mm - Dimensioni - Dimensions - B1=2.6 / C=0.6 / r3=6														
Materiale - Material C 45			Semplici - Simplex				Doppi - Douplex				Tripli - Triplex			
Z	de mm	dp mm	dm mm	D1 mm	A mm	Peso Weight Kg.	dm mm	D1 mm	A mm	Peso Weight Kg.	dm mm	D1 mm	A mm	Peso Weight Kg.
37	73.1	70.75	30.0	10	15	0.14								
38	75.0	72.66	30.0	10	15	0.14								
39	76.9	74.56	30.0	10	15	0.14								
40	78.9	76.47	30.0	10	15	0.15								
45	88.5	86.01	62.0	12	18	0.46								
48	94.2	91.74	62.0	12	18	0.48								
50	98.0	95.55	62.0	12	18	0.49								
57	111.4	108.93	62.0	12	18	0.53								
60	117.5	114.62	62.0	12	20	0.68								
76	148.1	145.19	80.0	16	34	1.58								

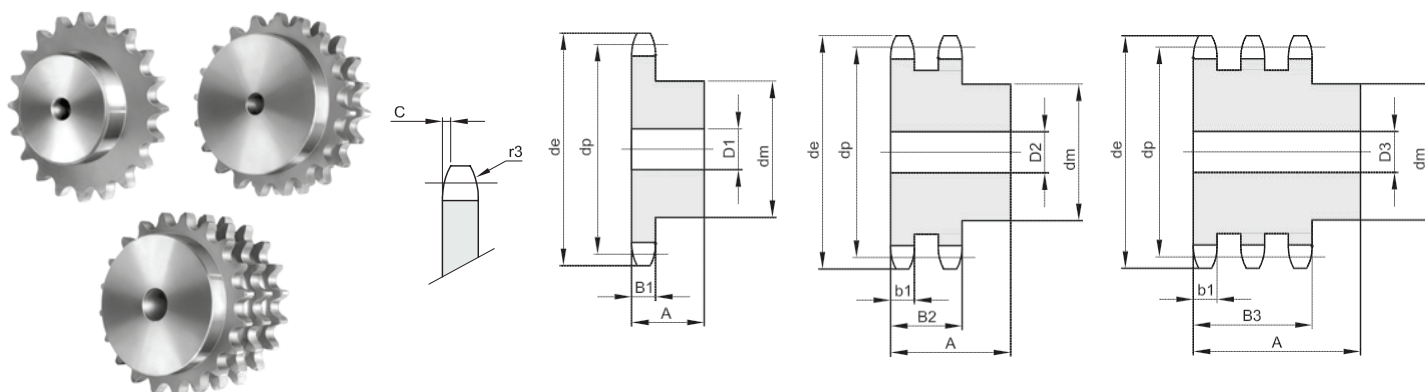


8x3,0 - 05B-1- 2 rullo 5 mm - Dimensioni - Dimensions - B1=2.8 / B2=8.3 / b1=2.7 / C=0.8 / r3=8

Materiale - Material C 45		Semplici - Simplex					Doppi - Duplex				Tripli - Triplex			
Z	de mm	dp mm	dm mm	D1 mm	A mm	Peso Weight Kg.	dm mm	D1 mm	A mm	Peso Weight Kg.	dm mm	D1 mm	A mm	Peso Weight Kg.
8	23.4	20.90	13	6	12	0.01	12	6	18	0.02				
9	25.9	23.39	15	6	12	0.02	15	6	18	0.03				
10	28.4	25.89	17	6	12	0.02	17	8	18	0.03				
11	31.0	28.39	18	7	13	0.03	19	8	18	0.04				
12	33.7	30.91	20	7	13	0.04	21	8	18	0.05				
13	36.7	33.42	23	7	13	0.05	24	8	18	0.07				
14	39.2	35.95	25	7	13	0.05	26	8	18	0.08				
15	41.7	38.48	28	7	13	0.07	29	8	18	0.10				
16	44.2	41.01	30	8	14	0.08	32	10	20	0.13				
17	46.7	43.53	30	8	14	0.09	34	10	20	0.15				
18	49.2	46.07	30	8	14	0.09	37	10	20	0.17				
19	51.7	48.61	30	8	14	0.09	39	10	20	0.20				
20	54.2	51.14	30	8	14	0.10	40	10	20	0.21				
21	57.2	53.67	35	8	14	0.12	45	12	20	0.25				
22	59.4	56.21	35	8	14	0.13	45	12	20	0.26				
23	62.2	58.75	35	8	14	0.13	45	12	20	0.28				
24	64.7	61.29	35	8	14	0.14	45	12	20	0.23				
25	67.2	63.83	35	8	14	0.15	45	12	20	0.31				
26	69.7	66.37	40	10	16	0.19	50	12	22	0.38				
27	72.3	68.91	40	10	16	0.20	50	12	22	0.40				
28	74.7	71.45	40	10	16	0.20	-	-	-	-				
29	77.2	73.99	40	10	16	0.21	-	-	-	-				
30	80.2	76.53	40	10	16	0.22	50	12	22	0.45				
31	82.7	79.08	40	12	16	0.22	-	-	-	-				
32	85.2	81.61	40	12	16	0.22	60	12	22	0.59				
33	87.7	84.16	40	12	16	0.23	-	-	-	-				
34	90.2	86.70	40	12	16	0.24	-	-	-	-				
35	92.7	89.24	40	12	16	0.25	60	12	22	0.65				
36	95.2	91.79	40	12	16	0.25	60	12	22	0.67				

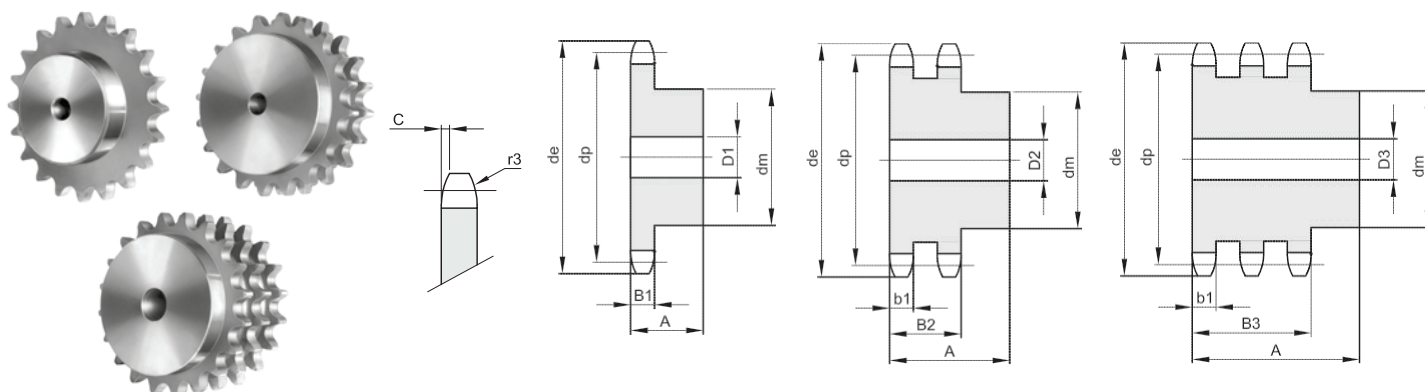


8x3,0 - 05B-1- 2 rullo 5 mm - Dimensioni - Dimensions - B1=2.8 / B2=8.3 / b1=2.7 / C=0.8 / r3=8														
Materiale - Material C 45			Semplici - Simplex				Doppi - Duplex				Tripli - Triplex			
Z	de mm	dp mm	dm mm	D1 mm	A mm	Peso Weight Kg.	dm mm	D1 mm	A mm	Peso Weight Kg.	dm mm	D1 mm	A mm	Peso Weight Kg.
37	97.7	94.33	40	12	16	0.26	-	-	-	-				
38	100.2	96.88	40	12	16	0.27	60	12	22	0.72				
39	102.7	99.42	40	12	16	0.28	-	-	-	-				
40	105.7	101.97	40	12	16	0.29	60	12	22	0.77				
45	118.6	114.69	60	12	20	0.58	-	-	-	-				
48	125.5	122.32	62	12	20	0.67	-	-	-	-				
50	131.5	127.41	62	12	20	0.63	-	-	-	-				
57	149.3	145.22	80	14	20	1.00	-	-	-	-				
60	156.0	152.85	80	16	34	1.53	-	-	-	-				
76	196.7	193.59	80	20	34	1.94	-	-	-	-				



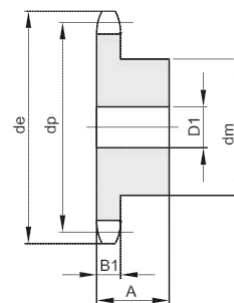
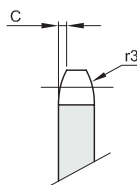
3/8"x7/32" - 06B-1- 2 - 3 rullo 6,35 mm - Dimensioni - Dimensions - B1=5.3 / B2=15.4 / B3=25.6 / b1=5.2 / C=1 / r3=10

Materiale - Material C 45			Semplici - Simplex				Doppi - Douplex				Tripli - Triplex			
Z	de mm	dp mm	dm mm	D1 mm	A mm	Peso Weight Kg.	dm mm	D1 mm	A mm	Peso Weight Kg.	dm mm	D1 mm	A mm	Peso Weight Kg.
8	28.6	24.89	15	8	20	0.03	15	8	25	0.04	15	8	32	0.05
9	31.5	27.85	18	8	20	0.04	18	8	25	0.05	18	8	32	0.07
10	34.5	30.82	20	8	20	0.05	20	8	25	0.07	20	10	32	0.09
11	37.5	33.80	22	8	25	0.08	22	10	30	0.10	22	12	35	0.11
12	40.5	36.80	25	8	25	0.10	25	10	30	0.13	25	12	35	0.15
13	43.5	39.80	28	8	25	0.13	28	10	30	0.16	28	12	35	0.19
14	46.5	42.80	31	8	25	0.16	31	10	30	0.20	31	12	35	0.23
15	49.5	45.81	34	8	25	0.19	34	10	30	0.24	34	12	35	0.28
16	52.5	48.82	37	10	28	0.24	37	12	30	0.27	37	12	35	0.33
17	55.5	51.83	40	10	28	0.28	40	12	30	0.32	40	12	35	0.39
18	58.6	54.85	43	10	28	0.33	43	12	30	0.38	43	12	35	0.45
19	61.6	57.87	45	10	28	0.36	46	12	30	0.42	46	12	35	0.51
20	64.6	60.89	46	10	28	0.39	49	12	30	0.48	49	12	35	0.58
21	67.6	63.91	48	12	28	0.42	52	16	30	0.52	52	16	40	0.70
22	70.6	66.93	50	12	28	0.46	55	16	30	0.58	55	16	40	0.78
23	73.7	69.95	52	12	28	0.50	58	16	30	0.64	58	16	40	0.87
24	76.7	72.97	54	12	28	0.54	61	16	30	0.71	61	16	40	0.97
25	79.7	76.00	57	12	28	0.60	64	16	30	0.79	64	16	40	1.06
26	82.7	79.02	60	12	28	0.66	67	16	30	0.87	67	16	40	1.17
27	85.7	82.04	60	12	28	0.67	70	16	30	0.94	70	16	40	1.27
28	88.8	85.07	60	12	28	0.69	73	16	30	1.03	73	16	40	1.39
29	91.8	88.09	60	12	28	0.70	76	16	30	1.11	76	16	40	1.50
30	94.8	91.12	60	12	30	0.72	79	16	30	1.20	79	16	40	1.62
31	97.9	94.15	65	14	30	0.87	80	16	30	1.27	80	16	40	1.72
32	100.9	97.17	65	14	30	0.89	80	16	30	1.32	80	16	40	1.80
33	103.9	100.20	65	14	30	0.91	80	16	30	1.37	80	16	40	1.89
34	106.9	103.23	65	14	30	0.92	80	16	30	1.43	85	16	40	2.06
35	110.0	106.26	65	14	30	0.95	80	16	30	1.49	85	16	40	2.15
36	113.0	109.29	70	16	30	1.05	90	16	30	1.70	90	16	40	2.33



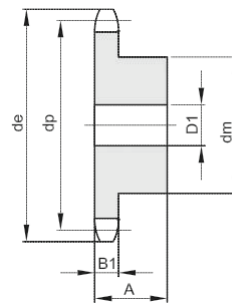
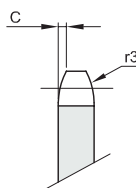
3/8"x7/32" - 06B-1- 2 - 3 rullo 6,35 mm - Dimensioni - Dimensions - B1=5.3 / B2=15.4 / B3=25.6 / b1=5.2 / C=1 / r3=10

Materiale - Material C 45			Semplici - Simplex				Doppi - Duplex				Tripli - Triplex			
Z	de mm	dp mm	dm mm	D1 mm	A mm	Peso Weight Kg.	dm mm	D1 mm	A mm	Peso Weight Kg.	dm mm	D1 mm	A mm	Peso Weight Kg.
37	116.0	112.32	70	16	30	1.09	90	16	30	1.76	90	16	40	2.43
38	119.0	115.34	70	16	30	1.10	90	16	30	1.81	90	16	40	2.53
39	122.1	118.37	70	16	30	1.12	90	16	30	1.88	90	16	40	2.63
40	125.1	121.40	70	16	30	1.14	90	16	30	1.95	90	16	40	2.74
42	132.1	127.46	78	16	35	1.56	88	20	50	2.44	-	-	-	-
45	141.1	136.54	78	16	35	1.66	88	20	50	3.15	88	20	60	4.15
46	144.2	139.58	78	16	35	1.67	-	-	-	-	-	-	-	-
48	150.2	145.64	78	16	35	1.75	88	20	50	3.43	-	-	-	-
50	156.3	151.69	78	20	35	1.80	88	20	50	3.53	88	20	60	4.80
55	171.4	166.85	78	20	35	1.89	-	-	-	-	-	-	-	-
57	177.5	172.91	78	20	35	1.96	88	20	50	4.16	88	25	60	5.80
60	186.6	181.99	78	20	35	2.03	88	20	50	4.45	88	25	60	6.21
76	235.1	230.49	78	20	35	2.67	88	25	50	6.23	88	25	60	9.26
95	292.7	288.08	88	25	40	4.06	108	25	50	9.76	120	25	60	15.18

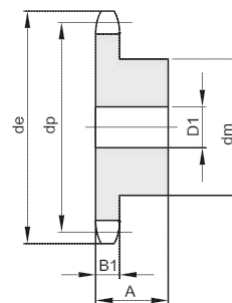
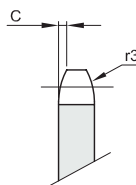


1/2"x1/8" - 081-1 rullo 7,75 mm - Dimensioni - Dimensions - B1=3 / C=0.8 / r3=13

Materiale - Material C 45			Semplici - Simplex				Doppi - Douplex				Tripli - Triplex			
Z	de mm	dp mm	dm mm	D1 mm	A mm	Peso Weight Kg.	dm mm	D1 mm	A mm	Peso Weight Kg.	dm mm	D1 mm	A mm	Peso Weight Kg.
8	39.5	33.18	21	8	14	0.04								
9	43.4	37.13	25	8	14	0.06								
10	47.7	41.10	28	8	14	0.07								
11	51.4	45.07	31	8	16	0.10								
12	55.4	49.07	35	8	16	0.13								
13	59.4	53.06	39	8	16	0.16								
14	63.4	57.07	43	8	16	0.19								
15	67.4	61.09	47	8	16	0.23								
16	71.4	65.10	50	10	18	0.29								
17	75.4	69.11	50	10	18	0.30								
18	79.4	73.14	50	10	18	0.31								
19	83.5	77.16	50	10	18	0.32								
20	87.5	81.19	50	10	18	0.33								
21	91.5	85.22	60	12	20	0.48								
22	95.5	89.24	60	12	20	0.49								
23	99.6	93.27	60	12	20	0.51								
24	103.6	97.29	60	12	20	0.52								
25	107.6	101.33	60	12	20	0.53								
26	111.7	105.36	70	16	20	0.67								
27	115.7	109.40	70	16	20	0.69								
28	119.7	113.42	70	16	20	0.70								
29	123.8	117.46	70	16	20	0.72								
30	127.8	121.50	70	16	20	0.74								

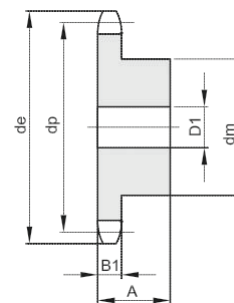
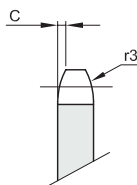


1/2"x1/8" - 081-1 rullo 7,75 mm - Dimensioni - Dimensions - B1=3 / C=0.8 / r3=13														
Materiale - Material C 45			Semplici - Simplex				Doppi - Duplex				Tripli - Triplex			
Z	de mm	dp mm	dm mm	D1 mm	A mm	Peso Weight Kg.	dm mm	D1 mm	A mm	Peso Weight Kg.	dm mm	D1 mm	A mm	Peso Weight Kg.
31	131.8	125.54	-	-	-	-								
32	135.9	129.56	70	16	20	0.77								
33	139.9	133.60	-	-	-	-								
34	143.9	137.64	70	16	20	0.81								
35	148.0	141.68	70	16	20	0.83								
36	152.0	145.72	70	16	25	1.00								
37	156.1	149.76	70	16	25	1.02								
38	160.1	153.80	70	16	25	1.04								
39	164.1	157.83	70	16	25	1.06								
40	166.2	161.87	70	16	25	1.09								

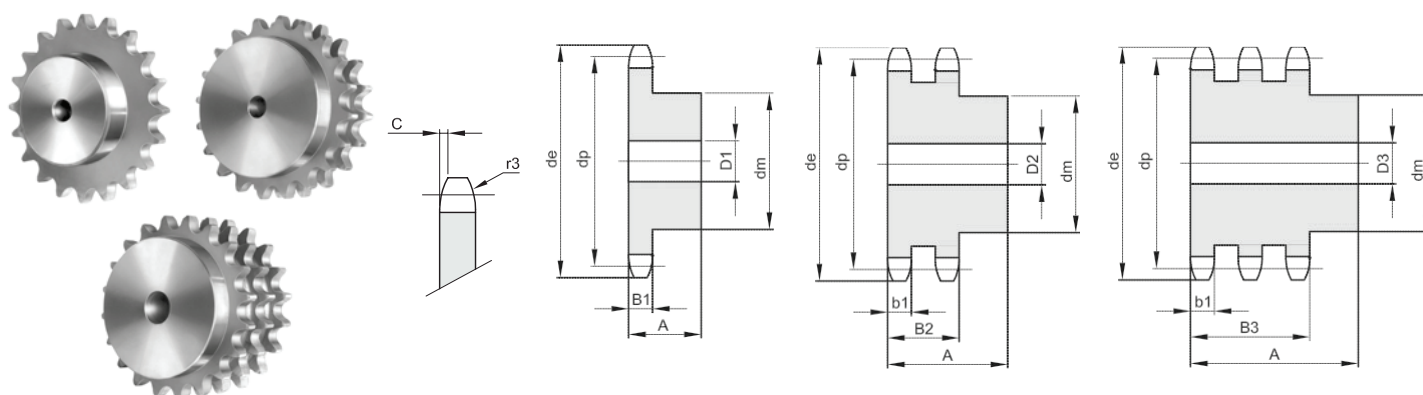


1/2"x3/16" - 083-1 rullo 7,75 mm - Dimensioni - Dimensions - B1=4.5 / C=1.3 / r3=13

Materiale - Material C 45			Semplici - Simplex				Doppi - Douplex				Tripli - Triplex			
Z	de mm	dp mm	dm mm	D1 mm	A mm	Peso Weight Kg.	dm mm	D1 mm	A mm	Peso Weight Kg.	dm mm	D1 mm	A mm	Peso Weight Kg.
8	39.5	33.18	21	8	14	0.04								
9	43.4	37.13	25	8	14	0.06								
10	47.4	41.10	28	8	14	0.08								
11	51.4	45.07	31	8	16	0.11								
12	55.4	49.07	35	8	16	0.14								
13	59.4	53.06	39	8	16	0.17								
14	63.4	57.07	43	8	16	0.20								
15	67.4	61.09	47	8	16	0.24								
16	71.4	65.10	50	10	18	0.30								
17	75.4	69.11	50	10	18	0.31								
18	79.4	73.14	50	10	18	0.33								
19	83.5	77.16	50	10	18	0.34								
20	87.5	81.19	50	10	18	0.36								
21	91.5	85.22	60	12	20	0.51								
22	95.5	89.24	60	12	20	0.53								
23	99.6	93.27	60	12	20	0.55								
24	103.6	97.29	60	12	20	0.57								
25	107.6	101.33	60	12	20	0.59								
26	111.7	105.36	70	16	20	0.72								
27	115.7	109.40	70	16	20	0.74								
28	119.7	113.42	70	16	20	0.77								
29	123.8	117.46	70	16	20	0.79								
30	127.8	121.50	70	16	20	0.82								

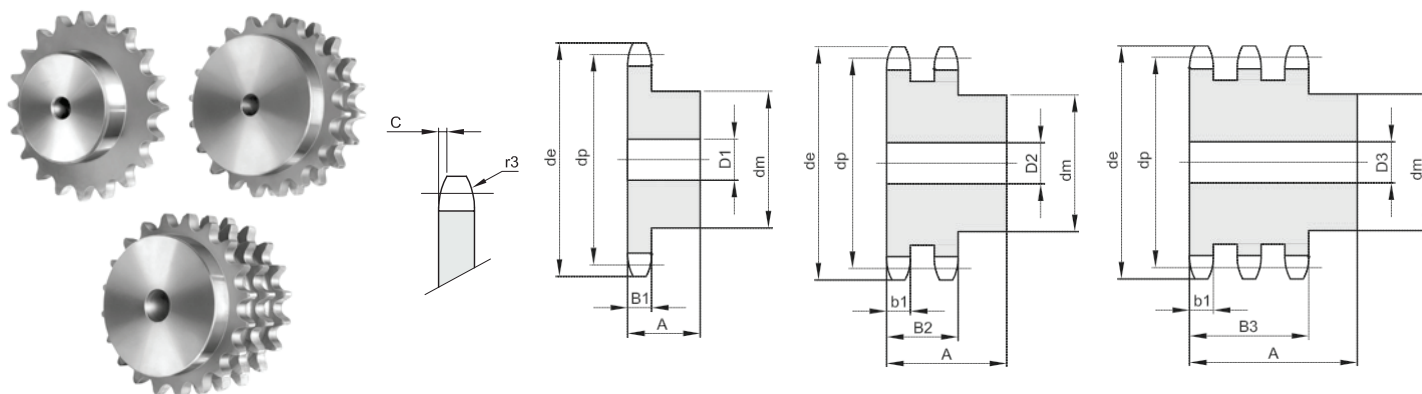


1/2"x3/16" - 083-1 rullo 7,75 mm - Dimensioni - Dimensions - B1=4.5 / C=1.3 / r3=13														
Materiale - Material C 45			Semplici - Simplex				Doppi - Duplex				Tripli - Triplex			
Z	de mm	dp mm	dm mm	D1 mm	A mm	Peso Weight Kg.	dm mm	D1 mm	A mm	Peso Weight Kg.	dm mm	D1 mm	A mm	Peso Weight Kg.
31	131.8	125.54	70	16	20	0.85								
32	135.9	129.56	70	16	20	0.87								
33	139.9	133.60	70	16	20	0.90								
34	143.9	137.64	70	16	20	0.93								
35	148.0	141.68	70	16	20	0.96								
36	152.0	145.72	70	16	25	1.14								
37	156.1	149.76	70	16	25	1.17								
38	160.1	153.80	70	16	25	1.20								
39	164.1	157.83	70	16	25	1.24								
40	168.2	161.87	70	16	25	1.27								



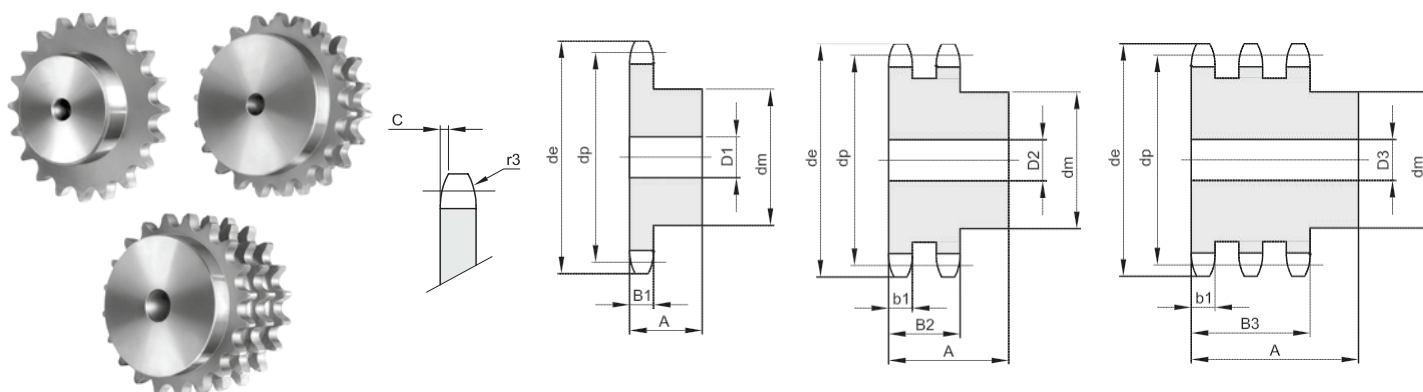
1/2"x5/16" - 08B-1 - 2 - 3 rullo 8,51 mm - Dimensioni - Dimensions - B1=7.2 / B2=21 / B3=34.9 / b1=7 / C=1.3 / r3=13

Materiale - Material C 45			Semplici - Simplex				Doppi - Douplex				Tripli - Triplex			
Z	de mm	dp mm	dm mm	D1 mm	A mm	Peso Weight Kg.	dm mm	D1 mm	A mm	Peso Weight Kg.	dm mm	D1 mm	A mm	Peso Weight Kg.
8	38.0	33.18	20	10	25	0.06	20	10	32	0.09	20	10	46	0.13
9	42.0	37.13	24	10	25	0.09	24	10	32	0.13	24	12	46	0.18
10	45.9	41.10	26	10	25	0.12	28	10	32	0.18	28	12	46	0.24
11	49.9	45.07	29	10	25	0.15	32	12	35	0.24	32	16	50	0.31
12	53.9	49.07	33	10	28	0.21	35	12	35	0.30	35	16	50	0.39
13	57.9	53.06	37	10	28	0.26	38	12	35	0.36	38	16	50	0.49
14	61.9	57.07	41	10	28	0.32	42	12	35	0.44	42	16	50	0.60
15	65.9	61.09	45	10	28	0.38	46	12	35	0.52	46	16	50	0.72
16	69.9	65.10	50	12	28	0.46	50	16	38	0.63	50	16	50	0.85
17	74.0	69.11	52	12	28	0.51	54	16	38	0.73	54	16	50	0.99
18	78.0	73.14	56	12	28	0.59	58	16	38	0.85	58	16	50	1.14
19	82.0	77.16	60	12	28	0.67	62	16	38	0.97	62	16	50	1.30
20	86.0	81.19	64	12	28	0.76	66	16	38	1.10	66	16	50	1.47
21	90.1	85.22	68	14	28	0.85	70	16	40	1.29	70	16	55	1.79
22	94.1	89.24	70	14	28	0.91	70	16	40	1.37	70	16	55	1.93
23	98.1	93.27	70	14	28	0.95	70	16	40	1.46	70	16	55	2.08
24	102.1	97.29	70	14	28	0.98	75	16	40	1.64	75	16	55	2.32
25	106.2	101.33	70	14	28	1.01	80	16	40	1.82	80	16	55	2.57
26	110.2	105.36	70	16	30	1.09	85	16	40	2.02	85	20	55	2.79
27	114.2	109.40	70	16	30	1.13	85	16	40	2.12	85	20	55	2.96
28	118.3	113.42	70	16	30	1.17	90	16	40	2.34	90	20	55	3.25
29	122.3	117.46	80	16	30	1.42	95	16	40	2.56	95	20	55	3.55
30	126.3	121.50	80	16	30	1.46	100	16	40	2.79	100	20	55	3.86
31	130.4	125.54	90	16	30	1.74	100	20	40	2.87	110	20	55	4.32
32	134.4	129.56	90	16	30	1.78	100	20	40	3.00	110	20	55	4.53
33	138.4	133.60	90	16	30	1.83	100	20	40	3.13	110	20	55	4.74
34	142.5	137.64	90	16	30	1.88	100	20	40	3.26	110	20	55	4.97
35	146.5	141.68	90	16	30	1.93	100	20	40	3.40	110	20	55	5.20
36	150.6	145.72	90	16	35	2.22	100	20	40	3.54	120	25	55	5.64



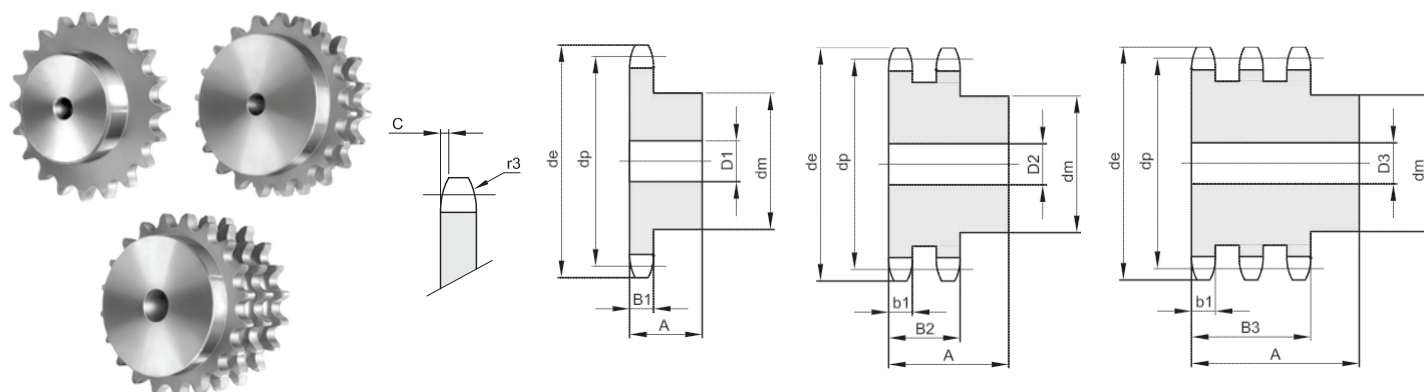
1/2"x5/16" - 08B-1 - 2 - 3 rullo 8,51 mm - Dimensioni - Dimensions - B1=7.2 / B2=21 / B3=34.9 / b1=7 / C=1.3 / r3=13

Materiale - Material C 45			Semplici - Simplex				Doppi - Duplex				Tripli - Triplex			
Z	de mm	dp mm	dm mm	D1 mm	A mm	Peso Weight Kg.	dm mm	D1 mm	A mm	Peso Weight Kg.	dm mm	D1 mm	A mm	Peso Weight Kg.
37	154.6	149.76	90	16	35	2.27	100	20	40	3.69	120	25	55	5.88
38	158.6	153.80	90	16	35	2.32	100	20	40	3.84	120	25	55	6.14
39	162.7	157.83	90	16	35	2.38	100	20	40	4.00	120	25	55	6.40
40	166.7	161.87	90	16	35	2.43	100	20	40	4.15	120	25	55	6.66
42	176.5	169.95	88	20	42	2.77	108	20	55	5.67	-	-	-	-
45	188.6	182.07	88	20	42	3.00	108	20	55	6.26	120	25	68	9.12
46	192.6	186.10	88	20	42	3.06	108	20	55	6.39	-	-	-	-
48	200.7	194.18	88	20	42	3.16	108	20	55	6.75	-	-	-	-
50	208.8	202.26	88	20	42	3.30	108	20	55	7.17	120	25	68	10.74
55	229.0	222.46	88	20	42	3.62	-	-	-	-	-	-	-	-
57	237.1	230.54	88	20	42	3.85	108	25	55	8.65	120	25	68	13.26
60	249.2	242.66	88	20	42	4.08	108	25	55	9.35	120	25	68	14.47
76	313.9	307.33	88	25	42	5.56	108	25	55	13.30	120	25	68	21.78
95	390.7	384.11	108	25	42	8.56	120	25	55	21.13	136	25	68	34.00



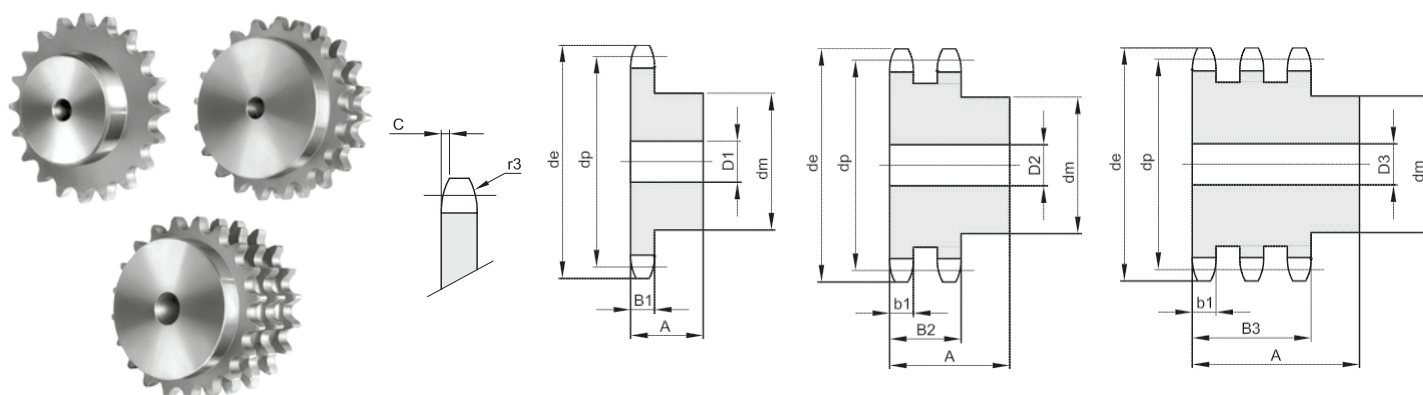
5/8"x3/8" - 10B-1- 2 - 3 rullo 10,16 mm - Dimensioni - Dimensions - B1=9.1 / B2=25.5 / B3=42.1 / b1=9 / C=1.6 / r3=16

Materiale - Material C 45			Semplici - Simplex				Doppi - Douplex				Tripli - Triplex			
Z	de mm	dp mm	dm mm	D1 mm	A mm	Peso Weight Kg.	dm mm	D1 mm	A mm	Peso Weight Kg.	dm mm	D1 mm	A mm	Peso Weight Kg.
8	48.4	41.48	25	10	25	0.12	25	12	40	0.19	25	12	55	0.27
9	53.3	46.42	30	10	25	0.16	30	12	40	0.27	30	12	55	0.38
10	58.3	51.37	35	10	25	0.22	35	12	40	0.36	35	16	55	0.47
11	63.2	56.34	37	12	30	0.29	39	16	40	0.43	39	16	55	0.61
12	68.2	61.4	42	12	30	0.37	44	16	40	0.55	44	16	55	0.78
13	73.2	66.32	47	12	30	0.46	49	16	40	0.68	49	16	55	0.96
14	78.2	71.34	52	12	30	0.56	54	16	40	0.82	54	16	55	1.15
15	83.2	76.36	57	12	30	0.67	59	16	40	0.97	59	16	55	1.37
16	88.3	81.37	60	12	30	0.76	64	16	45	1.26	64	16	60	1.72
17	93.3	86.39	60	12	30	0.88	69	16	45	1.46	69	16	60	1.99
18	98.3	91.42	70	14	30	1.01	74	16	45	1.67	74	16	60	2.27
19	103.3	96.45	70	14	30	1.15	79	16	45	1.90	79	16	60	2.58
20	108.4	101.49	75	14	30	1.21	84	16	45	2.14	84	16	60	2.91
21	113.4	106.52	75	16	30	1.35	85	16	45	2.27	85	20	60	3.12
22	118.4	111.55	80	16	30	1.41	90	16	45	2.54	90	20	60	3.48
23	123.5	116.58	80	16	30	1.47	95	16	45	2.82	95	20	60	3.86
24	128.5	121.62	80	16	30	1.54	100	16	45	3.11	100	20	60	4.25
25	133.6	126.66	80	16	30	1.60	105	16	45	3.15	105	20	60	4.67
26	138.6	131.70	85	20	35	1.96	110	20	45	3.74	110	20	60	5.10
27	143.6	136.75	85	20	35	2.04	110	20	45	3.94	110	20	60	5.43
28	148.7	141.78	90	20	35	2.25	115	20	45	4.28	115	20	60	5.90
29	153.7	146.83	90	20	35	2.33	115	20	45	4.50	115	20	60	6.25
30	158.8	151.87	90	20	35	2.41	120	20	45	4.87	120	20	60	6.65
31	163.8	156.92	95	20	35	2.64	120	20	45	5.10	120	20	60	7.18
32	168.9	161.95	95	20	35	2.73	120	20	45	5.34	120	20	60	7.56
33	173.9	167.00	95	20	35	2.82	120	20	45	5.59	120	20	60	7.97
34	178.9	172.05	95	20	35	2.92	120	20	45	5.84	120	20	60	8.36
35	184.0	177.10	92	20	35	3.01	120	20	45	6.11	120	20	60	8.74
36	189.0	182.15	100	20	35	3.27	120	20	45	6.38	120	25	60	9.15



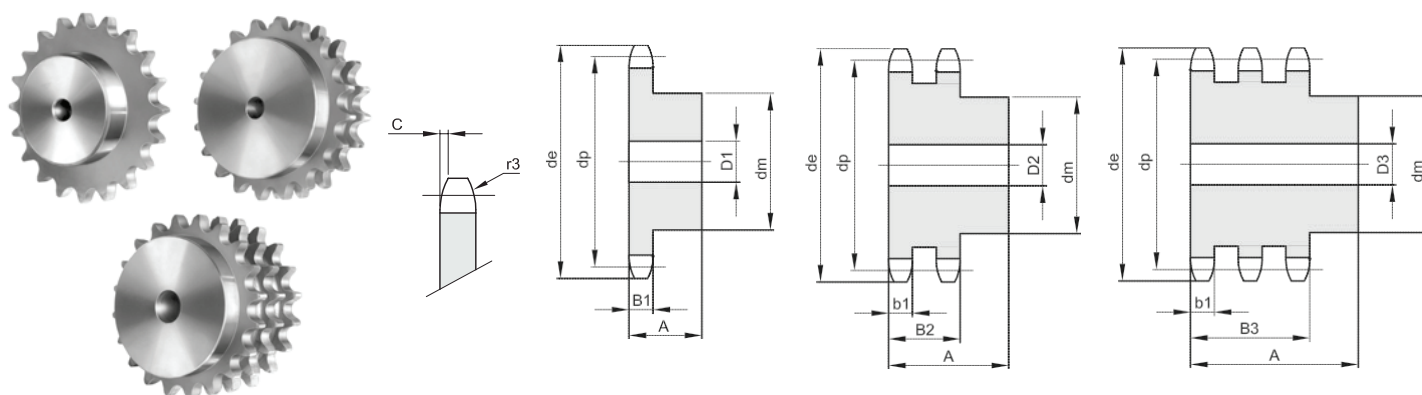
5/8"x3/8" - 10B-1- 2 - 3 rullo 10,16 mm - Dimensioni - Dimensions - B1=9.1 / B2=25.5 / B3=42.1 / b1=9 / C=1.6/ r3=16

Materiale - Material C 45			Semplici - Simplex				Doppi - Duplex				Tripli - Triplex			
Z	de mm	dp mm	dm mm	D1 mm	A mm	Peso Weight Kg.	dm mm	D1 mm	A mm	Peso Weight Kg.	dm mm	D1 mm	A mm	Peso Weight Kg.
37	194.1	187.20	100	20	35	3.37	120	20	45	6.66	120	25	60	9.61
38	199.1	192.24	100	20	35	3.47	120	20	45	6.95	120	25	60	10.08
39	204.2	197.29	100	20	35	3.58	120	20	45	7.25	120	25	60	10.57
40	209.2	202.34	100	20	35	3.69	120	20	45	7.55	120	25	60	11.07
42	220.8	212.44	108	20	43	4.73	120	25	59	9.35	-	-	-	-
45	236.0	227.58	108	20	43	5.09	120	25	59	10.32	136	25	74	15.70
46	241.0	236.63	108	20	43	5.19	120	25	59	10.67	-	-	-	-
48	251.1	242.73	108	20	43	5.43	120	25	59	11.40	-	-	-	-
50	261.2	252.82	108	20	43	5.70	120	25	59	12.11	136	25	74	18.83
55	286.5	278.08	108	20	43	6.40	-	-	-	-	-	-	-	-
57	296.6	288.18	108	25	43	6.66	120	25	59	15.74	136	25	74	23.40
60	311.7	303.32	108	25	43	7.15	120	25	59	16.40	136	25	74	25.80
76	392.5	384.16	108	25	43	10.28	120	25	59	24.03	145	30	75	40.25
95	488.5	480.14	118	30	59	16.36	145	30	58	38.90	145	30	75	55.35

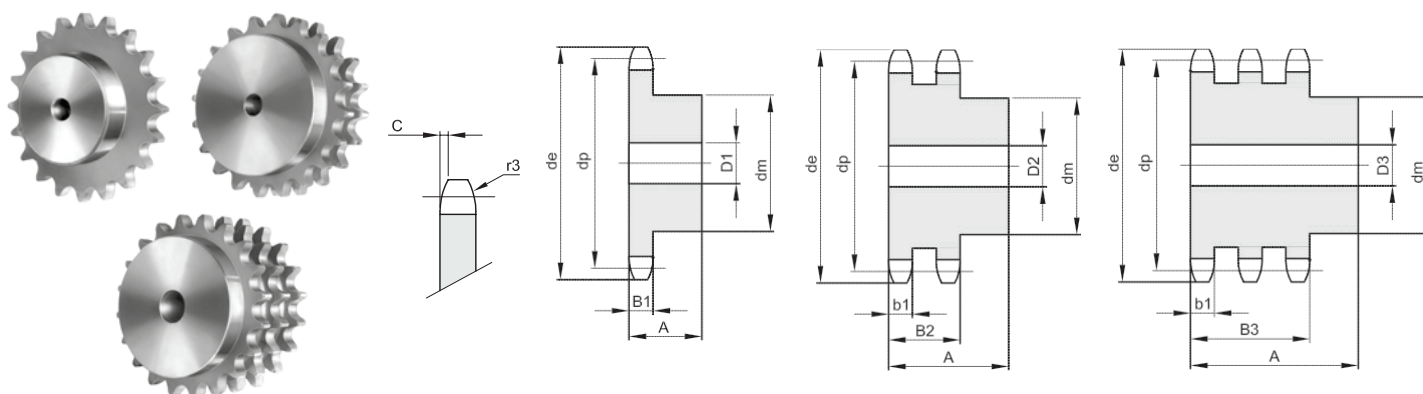


3/4"x7/16" - 12B-1- 2 - 3 rullo 12,07 mm - Dimensioni - Dimensions - B1=11.1 / B2=30.3 / B3=49.8 / b1=10.8 / C=2 / r3=19

Materiale - Material C 45			Semplici - Simplex				Doppi - Douplex				Tripli - Triplex			
Z	de mm	dp mm	dm mm	D1 mm	A mm	Peso Weight Kg.	dm mm	D1 mm	A mm	Peso Weight Kg.	dm mm	D1 mm	A mm	Peso Weight Kg.
8	58.0	49.78	31	12	30	0.21	31	12	45	0.31	31	16	65	0.45
9	63.9	55.70	37	12	30	0.29	37	12	45	0.44	37	16	65	0.64
10	69.8	61.64	42	12	30	0.38	42	12	45	0.59	42	16	65	0.86
11	75.8	67.61	46	16	35	0.51	47	16	50	0.81	47	20	70	1.09
12	81.8	73.60	52	16	35	0.65	53	16	50	1.02	53	20	70	1.39
13	87.8	79.59	58	16	35	0.80	59	16	50	1.25	59	20	70	1.72
14	93.8	85.61	64	16	35	0.97	65	16	50	1.46	65	20	70	2.08
15	99.8	91.63	70	16	35	1.16	71	16	50	1.74	71	20	70	2.47
16	105.8	97.65	75	16	35	1.34	77	20	50	2.03	77	20	70	2.89
17	111.9	103.67	80	16	35	1.53	83	20	50	2.36	83	20	70	3.34
18	117.9	109.71	80	16	35	1.62	89	20	50	2.70	89	20	70	3.83
19	123.9	115.75	80	16	35	1.70	95	20	50	3.07	95	20	70	4.35
20	130.0	121.78	80	16	35	1.80	100	20	50	3.43	100	20	70	4.87
21	136.0	127.82	90	20	40	2.35	100	20	50	3.69	100	20	70	5.20
22	142.0	133.86	90	20	40	2.46	100	20	50	3.97	100	20	70	5.65
23	148.1	139.90	90	20	40	2.56	110	20	50	4.51	110	20	70	6.38
24	154.1	145.94	90	20	40	2.68	110	20	50	4.81	110	20	70	6.87
25	160.2	152.00	90	20	40	2.80	120	20	50	5.41	120	20	70	7.77
26	166.2	158.04	95	20	40	3.08	120	20	50	5.73	120	20	70	8.21
27	172.3	164.09	95	20	40	3.21	120	20	50	6.08	120	20	70	8.77
28	178.3	170.13	95	20	40	3.34	120	20	50	6.43	120	20	70	9.35
29	184.4	176.19	95	20	40	3.48	120	20	50	6.80	120	20	70	9.96
30	190.4	182.25	95	20	40	3.63	120	20	50	7.19	120	20	70	10.59
31	196.5	188.31	95	20	40	3.78	120	20	50	7.59	130	25	70	11.55
32	202.5	194.35	95	20	40	3.93	120	20	50	8.00	130	25	70	12.22
33	208.6	200.40	95	20	40	4.09	120	20	50	8.42	130	25	70	12.92
34	214.6	206.46	95	20	40	4.25	120	20	50	8.86	130	25	70	13.64
35	220.7	212.52	95	20	40	4.42	120	20	50	9.31	130	25	70	14.38
36	226.8	218.58	100	20	40	4.71	120	25	50	9.71	130	25	70	15.14

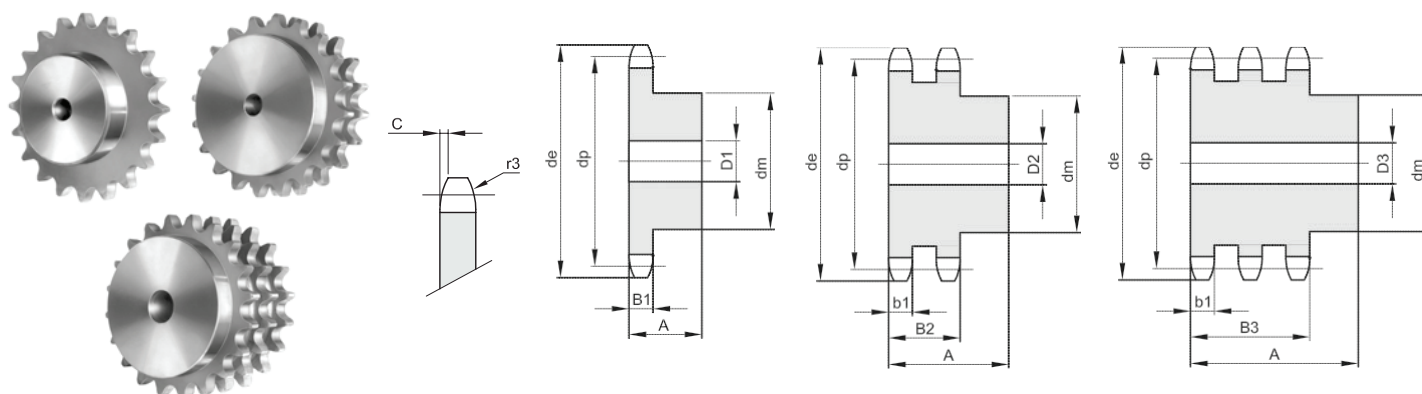


3/4"x7/16" - 12B-1- 2 - 3 rullo 12,07 mm - Dimensioni - Dimensions - B1=11.1 / B2=30.3 / B3=49.8 / b1=10.8 / C=2 / r3=19														
Materiale - Material C 45			Semplici - Simplex				Doppi - Duplex				Tripli - Triplex			
Z	de mm	dp mm	dm mm	D1 mm	A mm	Peso Weight Kg.	dm mm	D1 mm	A mm	Peso Weight Kg.	dm mm	D1 mm	A mm	Peso Weight Kg.
37	232.8	224.64	100	20	40	4.89	120	25	50	10.19	130	25	70	15.93
38	238.9	230.69	100	20	40	5.07	120	25	50	10.78	130	25	70	16.73
39	244.9	236.75	100	20	40	5.26	120	25	50	11.19	130	25	70	17.57
40	251.0	242.81	100	20	40	5.46	120	25	50	11.71	130	25	70	18.42
42	265.0	254.93	118	25	61	8.14	136	25	62	14.51	-	-	-	-
45	283.2	273.10	118	25	61	8.85	136	25	62	16.35	140	25	72	23.55
46	289.2	279.16	118	25	61	9.22	136	25	62	16.80	-	-	-	-
48	301.4	291.27	118	25	61	9.67	136	25	62	18.18	-	-	-	-
50	313.5	303.39	118	25	61	10.15	136	25	62	19.44	140	25	72	28.73
55	343.8	333.70	118	25	61	11.29	-	-	-	-	-	-	-	-
57	355.9	345.81	118	25	61	11.85	136	25	62	24.43	140	30	75	37.16
60	374.1	363.99	118	25	61	12.71	136	25	62	26.77	140	30	75	41.01
76	471.1	460.99	118	30	61	18.02	145	30	63	41.88	150	30	75	65.41
95	586.2	576.17	133	30	62	27.45	145	30	63	63.79	150	30	75	101.37

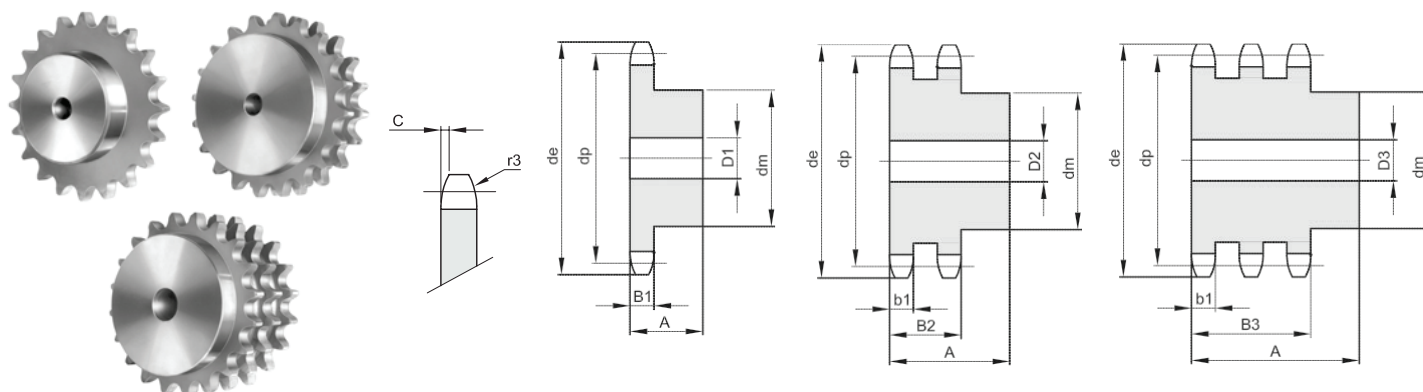


1"x17,02 - 16B-1- 2 - 3 rullo 15,88 mm - Dimensioni - Dimensions - B1=16.2 / B2=47.7 / B3=79.6 / b1=15.8 / C=2.5 / r3=26

Materiale - Material C 45			Semplici - Simplex				Doppi - Douplex				Tripli - Triplex			
Z	de mm	dp mm	dm mm	D1 mm	A mm	Peso Weight Kg.	dm mm	D1 mm	A mm	Peso Weight Kg.	dm mm	D1 mm	A mm	Peso Weight Kg.
8	77.9	66.37	42	16	35	0.47	42	20	65	0.81	42	20	95	1.19
9	85.8	74.27	50	16	35	0.66	50	20	65	1.15	50	20	95	1.68
10	93.8	82.19	55	16	35	0.83	56	20	65	1.52	56	20	95	2.24
11	101.7	90.14	61	16	40	1.14	64	20	70	2.08	64	25	100	2.86
12	109.7	98.14	69	16	40	1.43	72	20	70	2.60	72	25	100	3.62
13	117.7	106.12	78	16	40	1.77	80	20	70	3.18	80	25	100	4.45
14	125.7	114.15	84	16	40	2.08	88	20	70	3.82	88	25	100	5.37
15	133.7	122.17	92	16	40	2.46	96	20	70	4.51	96	25	100	6.37
16	141.8	130.20	100	20	45	3.14	104	20	70	5.17	104	25	100	7.45
17	149.8	138.22	100	20	45	3.33	112	20	70	5.98	112	25	100	8.60
18	157.8	146.28	100	20	45	3.56	120	20	70	6.84	120	25	100	9.84
19	165.9	154.33	100	20	45	3.78	128	20	70	7.76	128	25	100	11.16
20	173.9	162.38	100	20	45	4.03	130	20	70	8.52	130	25	100	12.36
21	182.0	170.43	110	20	50	5.01	130	25	70	9.24	130	25	100	13.56
22	190.1	178.48	110	20	50	5.28	130	25	70	10.00	130	25	100	14.82
23	198.1	186.53	110	20	50	5.56	130	25	70	10.80	130	25	100	16.15
24	206.2	194.59	110	20	50	5.86	130	25	70	11.64	130	25	100	17.53
25	214.2	202.66	110	20	50	6.16	130	25	70	12.52	130	25	100	18.99
26	222.3	210.72	120	20	50	6.96	130	25	70	13.43	130	30	100	20.34
27	230.4	218.79	120	20	50	7.30	130	25	70	14.38	130	30	100	21.92
28	238.4	226.85	120	20	50	7.64	130	25	70	15.38	130	30	100	23.57
29	246.5	234.92	120	20	50	8.00	130	25	70	16.41	130	30	100	25.27
30	254.6	243.00	120	20	50	8.38	130	25	70	17.48	130	30	100	27.05
31	262.6	251.08	120	25	50	8.69	140	25	70	18.96	140	30	100	29.23
32	270.7	259.13	120	25	50	9.09	140	25	70	20.10	140	30	100	31.13
33	278.8	267.21	120	25	50	9.50	140	25	70	21.29	140	30	100	33.10
34	286.9	275.28	120	25	50	9.93	140	25	70	22.21	140	30	100	35.13
35	294.9	283.36	120	25	50	10.36	140	25	70	23.77	140	30	100	37.23
36	303.0	291.44	120	25	50	10.81	140	25	70	25.07	140	30	100	39.39

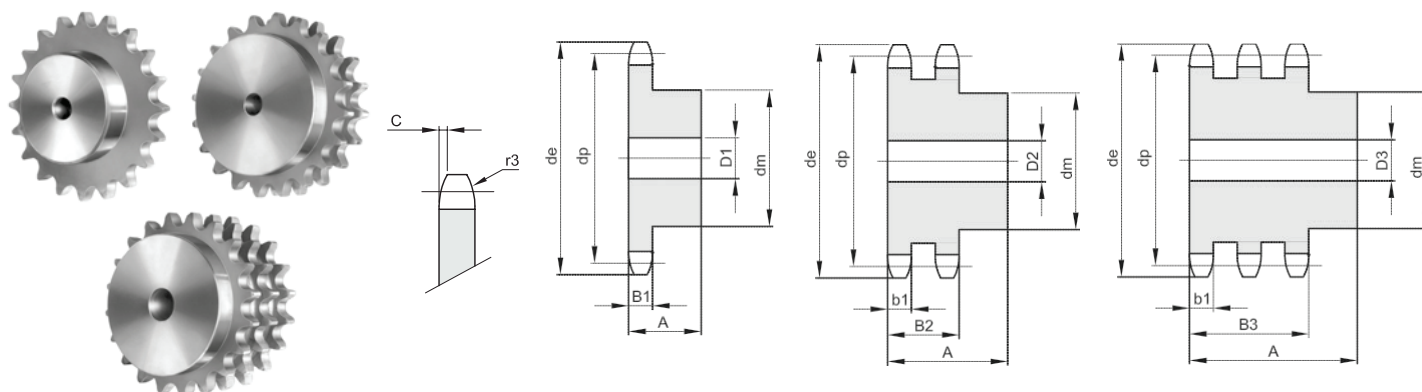


1"x17,02 - 16B-1-2-3 rullo 15,88 mm - Dimensioni - Dimensions - B1=16.2 / B2=47.7 / B3=79.6 / b1=15.8 / C=2.5 / r3=26														
Materiale - Material C 45			Semplici - Simplex				Doppi - Duplex				Tripli - Triplex			
Z	de mm	dp mm	dm mm	D1 mm	A mm	Peso Weight Kg.	dm mm	D1 mm	A mm	Peso Weight Kg.	dm mm	D1 mm	A mm	Peso Weight Kg.
37	311.1	299.51	120	25	50	11.28	140	25	70	26.41	-	-	-	-
38	319.2	307.59	120	25	50	11.76	140	25	70	27.79	140	30	100	43.90
39	327.2	315.67	120	25	50	12.25	140	25	70	29.20	-	-	-	-
40	335.3	323.73	120	25	50	12.75	140	25	70	30.65	140	30	100	48.67
42	353.7	339.90	133	25	68	16.54	140	25	70	33.63	-	-	-	-
45	377.9	364.12	133	25	68	18.15	140	25	70	38.44	160	30	110	63.04
46	386.0	372.21	133	25	68	18.69	140	25	70	40.13	-	-	-	-
48	402.1	388.36	133	25	68	19.86	140	25	70	43.61	-	-	-	-
50	418.3	404.52	133	25	68	20.89	140	25	70	47.25	160	30	110	78.58
57	474.9	461.07	133	30	68	25.52	160	40	82	63.45	180	40	112	103.03
60	499.1	485.32	133	30	68	27.76	160	40	82	70.00	-	-	-	-
76	628.4	614.65	145	30	68	42.97	160	40	82	110.79	180	40	112	181.86
95	782.0	768.22	160	30	78	63.02	180	40	109	178.48	180	40	112	283.85

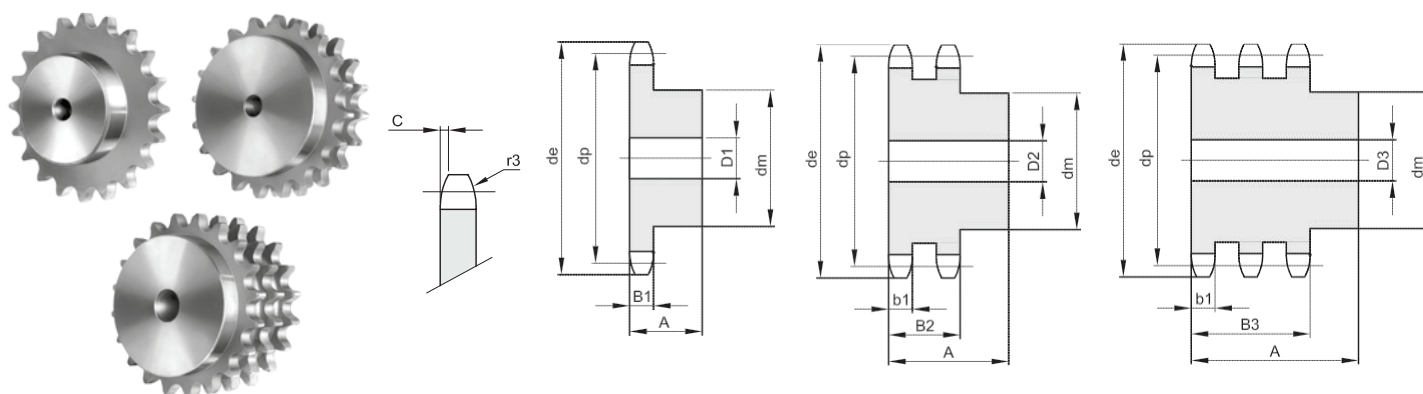


1"1/4x3/4" - 20B-1- 2 - 3 rullo 19,05 mm - Dimensioni - Dimensions - B1=18.5 / B2=54.6 / B3=91 / b1=18.2 / C=3.5 / r3=32

Materiale - Material C 45			Semplici - Simplex				Doppi - Douplex				Tripli - Triplex			
Z	de mm	dp mm	dm mm	D1 mm	A mm	Peso Weight Kg.	dm mm	D1 mm	A mm	Peso Weight Kg.	dm mm	D1 mm	A mm	Peso Weight Kg.
8	96.0	82.96	53	20	40	0.85	53	20	75	1.58	53	25	110	2.15
9	106.5	92.84	63	20	40	1.19	63	20	75	2.19	63	25	110	3.05
10	117.0	102.74	70	20	40	1.51	70	20	75	2.85	70	25	110	4.04
11	127.0	112.68	77	20	45	2.04	80	25	80	3.72	80	30	115	5.19
12	137.0	122.68	88	20	45	2.58	90	25	80	4.66	90	30	115	6.55
13	147.5	132.65	98	20	45	3.15	100	25	80	5.70	100	30	115	8.06
14	157.6	142.68	108	20	45	3.78	110	25	80	6.84	110	30	115	9.71
15	167.7	152.72	118	20	45	4.47	120	25	80	8.08	120	30	115	11.50
16	177.7	162.75	120	25	50	5.25	120	30	80	8.90	120	30	115	13.06
17	187.7	172.78	120	25	50	5.61	120	30	80	9.92	120	30	115	14.65
18	197.8	182.85	120	25	50	6.00	120	30	80	11.00	120	30	115	16.54
19	207.9	192.91	120	25	50	6.40	120	30	80	12.16	120	30	115	18.45
20	217.9	202.98	120	25	50	6.84	120	30	80	13.38	120	30	115	20.48
21	228.0	213.04	140	25	55	8.79	140	30	80	15.49	140	30	115	23.38
22	238.1	223.11	140	25	55	9.27	140	30	80	16.86	140	30	115	25.64
23	248.2	233.17	140	25	55	9.77	140	30	80	18.29	140	30	115	28.00
24	258.3	243.23	140	25	55	10.30	140	30	80	19.79	140	30	115	30.49
25	268.4	253.33	140	25	55	10.85	140	30	80	21.36	140	30	115	33.09
26	278.4	263.40	150	30	55	12.07	150	30	80	23.45	150	30	115	36.23
27	288.5	273.48	150	30	55	12.67	150	30	80	25.15	150	30	115	39.06
28	298.5	283.56	150	30	55	13.29	150	30	80	26.93	150	30	115	42.00
29	308.6	293.65	150	30	55	13.93	150	30	80	28.77	-	-	-	-
30	318.7	303.75	150	30	55	14.60	150	30	80	30.69	150	30	115	48.23
31	328.8	313.85	150	30	55	15.28	150	30	80	32.67	-	-	-	-
32	338.9	323.91	150	30	55	16.00	150	30	80	34.72	150	30	115	54.91
33	349.0	334.01	150	30	55	16.73	-	-	-	-	-	-	-	-
34	359.1	344.10	150	30	55	17.49	150	30	80	39.03	150	30	115	62.06
35	369.2	354.20	150	30	55	18.27	150	30	80	41.28	150	30	115	65.80
36	379.2	364.30	150	30	55	19.08	150	30	80	43.61	150	30	115	69.66

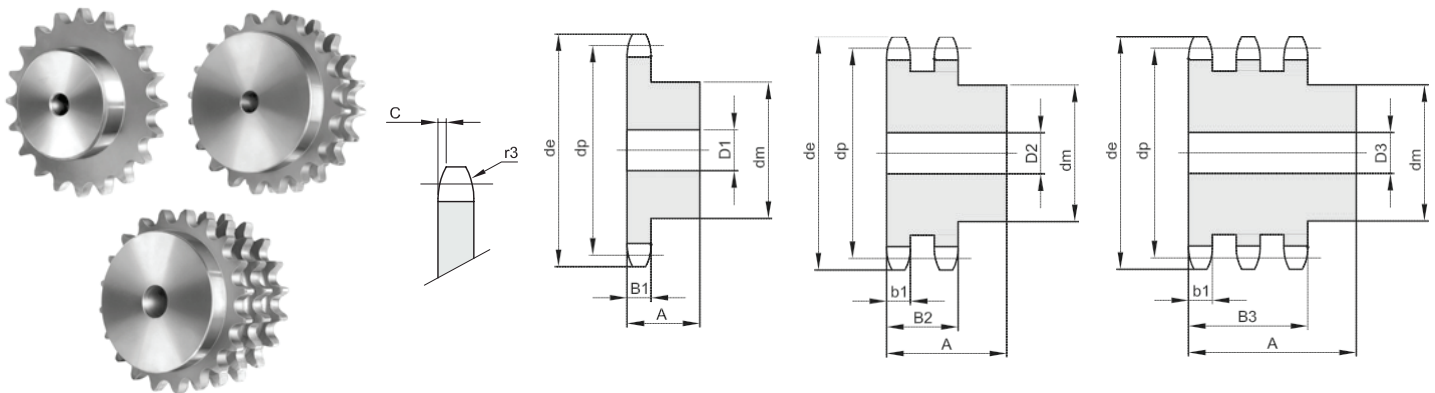


1"1/4x3/4" - 20B-1- 2 - 3 rullo 19,05 mm - Dimensioni - Dimensions - B1=18.5 / B2=54.6 / B3=91/ b1=18.2 / C=3.5 / r3=32														
Materiale - Material C 45			Semplici - Simplex				Doppi - Duplex				Tripli - Triplex			
Z	de mm	dp mm	dm mm	D1 mm	A mm	Peso Weight Kg.	dm mm	D1 mm	A mm	Peso Weight Kg.	dm mm	D1 mm	A mm	Peso Weight Kg.
37	389.3	374.39	150	30	55	19.91	-	-	-	-	-	-	-	-
38	399.4	384.49	150	30	55	20.76	150	30	80	48.46	150	30	115	77.72
39	409.5	394.59	150	30	55	21.73	-	-	-	-	-	-	-	-
40	419.6	404.66	150	30	55	22.53	150	30	80	53.60	150	30	115	86.24
42	440.8	424.88	160	30	80	28.84	-	-	-	-	-	-	-	-
45	471.1	455.17	160	30	80	31.79	160	30	101	71.32	160	40	121	110.41
46	481.2	465.26	160	30	80	32.83	160	30	101	74.34	-	-	-	-
48	501.4	485.46	160	30	80	35.00	-	-	-	-	-	-	-	-
50	521.6	505.65	160	30	80	37.21	160	30	101	87.08	160	40	121	136.59
57	592.3	576.36	160	30	80	45.79	180	40	116	116.28	200	40	123	181.21
60	622.6	606.65	160	30	80	49.83	-	-	-	-	-	-	-	-
76	784.3	768.32	160	30	80	75.81	180	40	116	200.96	200	40	123	322.03
95	976.2	960.28	168	30	93	114.96	200	40	116	313.59	-	-	-	-

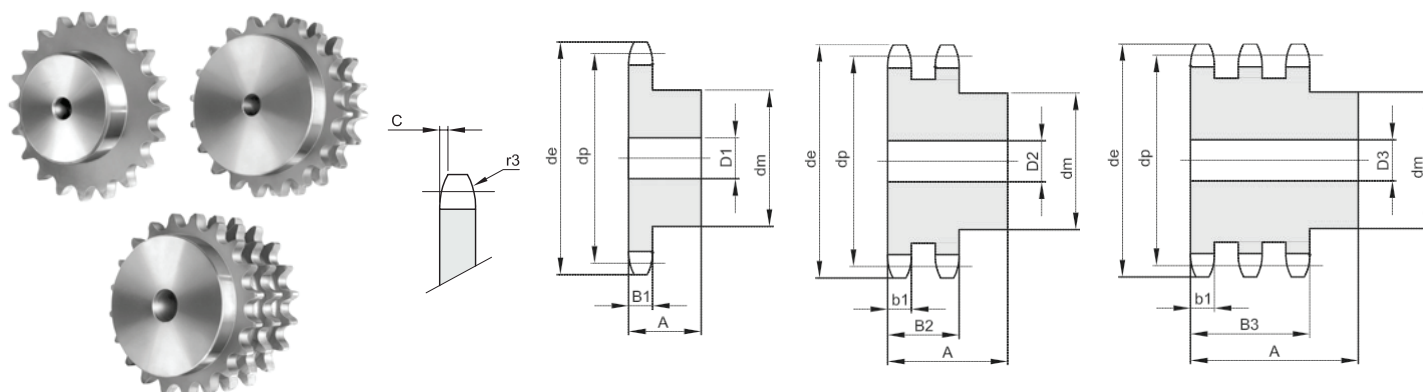


1"1/2x1" - 24B-1- 2 - 3 rullo 25,4 mm - Dimensioni - Dimensions - B1=24.1 / B2=72 / B3=120.3/ b1=23.6 / C=4 / r3=38

Materiale - Material C 45			Semplici - Simplex				Doppi - Douplex				Tripli - Triplex			
Z	de mm	dp mm	dm mm	D1 mm	A mm	Peso Weight Kg.	dm mm	D1 mm	A mm	Peso Weight Kg.	dm mm	D1 mm	A mm	Peso Weight Kg.
8	113.0	99.55	58	20	45	1.38	58	25	95	2.70	58	25	140	4.00
9	125.0	111.40	70	20	45	1.90	70	25	95	3.79	70	25	140	5.62
10	137.0	123.29	80	20	45	2.47	80	25	95	5.01	80	25	140	7.45
11	149.0	135.21	90	25	50	3.27	90	25	100	6.62	90	30	150	9.73
12	161.0	147.22	102	25	50	4.09	102	25	100	8.28	102	30	150	12.24
13	173.0	159.18	114	25	50	5.00	114	25	100	10.13	114	30	150	15.02
14	185.0	171.22	128	25	50	6.09	128	25	100	12.24	128	30	150	18.16
15	197.0	183.26	132	25	50	6.84	132	25	100	14.08	132	30	150	21.09
16	209.0	195.30	136	25	55	8.20	136	30	100	15.88	136	30	150	24.25
17	221.0	207.34	136	25	55	8.87	136	30	100	17.80	136	30	150	27.42
18	233.0	219.42	136	25	55	9.59	160	30	100	21.08	160	30	150	32.12
19	245.5	231.49	136	25	55	10.36	160	30	100	23.26	160	30	150	35.74
20	257.5	243.57	136	25	55	11.16	160	30	100	25.57	160	30	150	39.57
21	270.5	255.65	150	30	60	13.35	160	30	100	28.01	160	40	150	42.98
22	282.5	267.73	150	30	60	14.24	160	30	100	30.59	160	40	150	47.25
23	294.5	279.80	150	30	60	15.18	160	30	100	33.29	160	40	150	51.74
24	307.0	291.88	150	30	60	16.16	160	30	100	36.13	160	40	150	56.44
25	319.0	304.00	150	30	60	17.19	160	30	100	39.09	160	40	150	61.37
26	331.0	316.08	150	30	60	18.25	160	30	100	42.19	160	40	150	66.52
27	343.0	328.19	150	30	60	19.37	160	30	100	45.41	160	40	150	71.88
28	355.0	340.27	150	30	60	20.52	160	30	100	48.77	160	40	150	77.46
29	367.5	352.38	150	30	60	21.72	160	30	100	52.26	-	-	-	-
30	379.5	364.50	150	30	60	22.97	160	30	100	55.88	160	40	150	89.28
31	391.5	376.62	150	30	60	24.25	160	40	100	59.19	-	-	-	-
32	403.5	388.69	150	30	60	25.59	160	40	100	63.07	160	40	150	101.97
33	415.5	400.81	150	30	60	26.96	160	40	100	67.08	-	-	-	-
34	428.0	412.83	150	30	60	28.38	160	40	100	71.21	-	-	-	-
35	440.0	425.04	150	30	60	29.84	160	40	100	75.49	160	40	150	122.64
36	452.0	437.16	150	30	60	31.34	160	40	100	79.89	-	-	-	-

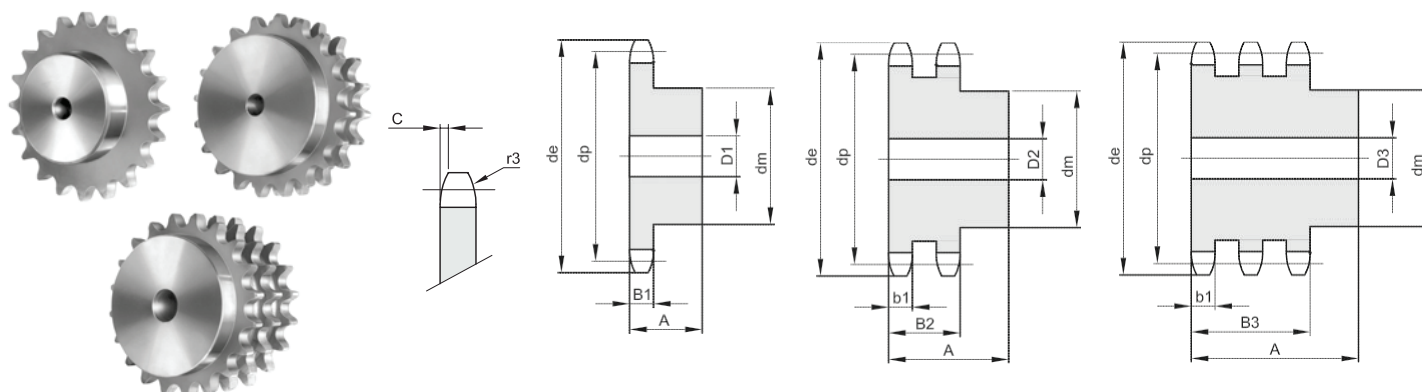


1"1/2x1" - 24B-1- 2 - 3 rullo 25,4 mm - Dimensioni - Dimensions - B1=24.1 / B2=72 / B3=120.3/ b1=23.6 / C=4 / r3=38														
Materiale - Material C 45			Semplici - Simplex				Doppi - Duplex				Tripli - Triplex			
Z	de mm	dp mm	dm mm	D1 mm	A mm	Peso Weight Kg.	dm mm	D1 mm	A mm	Peso Weight Kg.	dm mm	D1 mm	A mm	Peso Weight Kg.
37	464.0	449.27	150	30	60	32.90	160	40	100	84.43	-	-	-	-
38	476.5	461.39	150	30	60	34.49	160	40	100	89.09	160	40	150	145.28
40	501.5	485.62	150	30	60	37.81	160	40	100	98.80	160	40	150	161.46
42	525.5	509.85	168	30	99	48.52	-	-	-	-	-	-	-	-
45	562.0	546.20	168	30	99	54.08	180	40	133	132.81	200	40	153	209.06
46	574.0	558.82	168	30	99	56.03	-	-	-	-	-	-	-	-
48	598.5	582.55	168	30	99	60.04	-	-	-	-	-	-	-	-
50	622.5	606.78	168	30	99	64.24	180	40	133	162.65	200	40	153	258.81
57	707.5	691.63	168	30	99	80.28	180	40	133	209.91	200	40	153	337.62
60	745.0	727.97	168	30	99	87.82	-	-	-	-	-	-	-	-
76	939.0	921.98	178	40	118	140.54	200	40	133	373.88	220	40	155	607.76
95	1169.0	1152.33	178	40	118	210.67	-	-	-	-	-	-	-	-



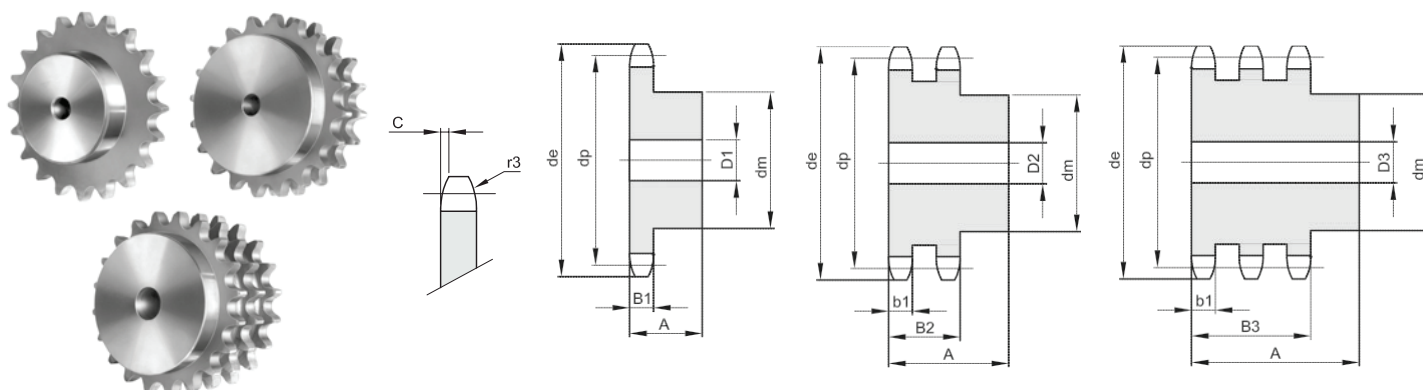
1"3/4x1" 1/4- 28B-1- 2 - 3 rullo 27,94 mm - Dimensioni - Dimensions - B1=29.4 / B2=88.4 / B3=148/ b1=28.8 / C=5 / r3=44

Materiale - Material C 45		Semplici - Simplex					Doppi - Douplex				Tripli - Triplex			
Z	de mm	dp mm	dm mm	D1 mm	A mm	Peso Weight Kg.	dm mm	D1 mm	A mm	Peso Weight Kg.	dm mm	D1 mm	A mm	Peso Weight Kg.
8	132.0	116.15	74	25	70	2.86	74	30	120	4.75	74	30	180	7.04
9	146.0	129.96	88	25	70	4.00	88	30	120	6.66	88	30	180	9.89
10	160.0	143.85	100	25	70	5.18	100	30	120	8.79	100	30	180	13.10
11	174.0	157.77	112	25	70	6.51	112	30	120	11.19	112	30	180	16.73
12	188.0	171.74	125	25	70	8.04	125	30	120	13.91	125	30	180	20.84
13	204.0	185.75	125	25	70	8.88	125	30	120	16.25	125	30	180	24.70
14	218.0	199.76	125	25	70	9.79	125	30	120	18.81	125	30	180	28.93
15	232.0	213.79	125	25	70	10.77	145	30	120	22.64	145	30	180	34.58
16	246.0	227.84	160	30	75	14.96	160	30	120	26.52	160	30	180	40.44
17	260.0	241.90	160	30	75	16.09	160	30	120	29.74	160	30	180	45.77
18	274.0	255.98	160	30	75	17.28	160	30	120	33.17	160	30	180	51.76
19	289.0	270.06	160	30	75	18.56	180	30	120	38.14	180	30	180	58.07
20	303.0	284.15	160	30	75	19.90	180	30	120	42.02	180	30	180	64.49
21	317.0	298.24	160	30	75	21.31	180	30	120	49.10	180	40	180	71.28
22	331.0	312.34	160	30	75	22.80	180	30	120	50.40	-	-	-	-
23	345.0	326.44	160	30	75	24.36	180	30	120	54.92	180	40	180	85.94
24	359.0	340.55	160	30	75	26.00	-	-	-	-	-	-	-	-
25	373.0	354.66	160	30	75	27.70	180	30	120	64.62	180	40	180	112.07
26	387.0	368.77	160	30	75	29.48	180	40	120	69.28	-	-	-	-
27	401.0	382.88	160	30	75	31.36	-	-	-	-	-	-	-	-
28	416.0	397.00	160	30	75	33.26	180	40	120	80.28	-	-	-	-
29	430.0	411.12	-	-	-	-	-	-	-	-	-	-	-	-
30	444.0	425.24	160	30	75	37.33	180	40	120	92.17	180	40	180	148.79
31	458.0	439.37	-	-	-	-	-	-	-	-	-	-	-	-
32	472.0	453.49	180	30	75	43.59	-	-	-	-	-	-	-	-
33	486.0	467.62	-	-	-	-	-	-	-	-	-	-	-	-
34	500.0	481.75	180	30	75	48.24	-	-	-	-	-	-	-	-
35	514.0	495.88	180	30	75	50.57	200	40	120	127.17	-	-	-	-
36	529.0	510.01	180	30	75	53.18	-	-	-	-	-	-	-	-



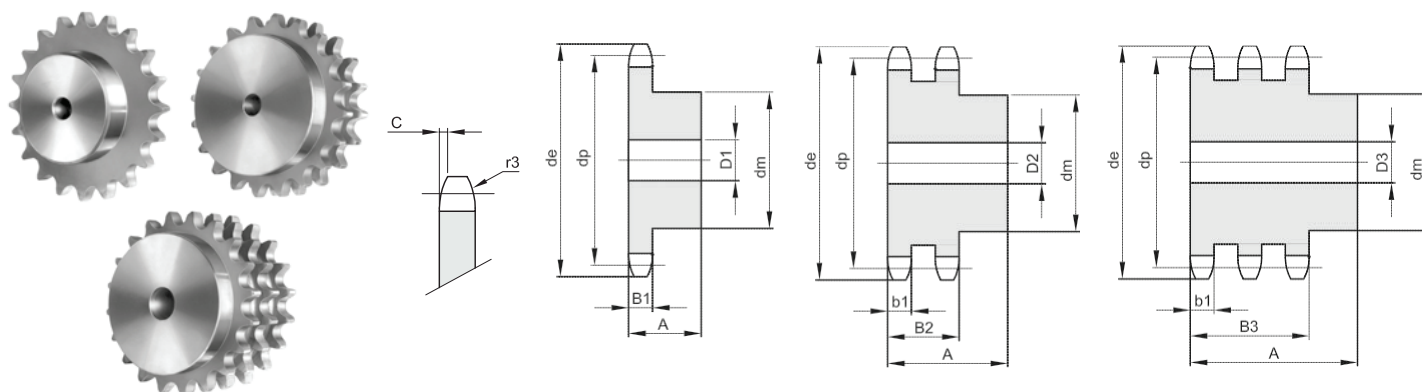
1"3/4x1" 1/4- 28B-1- 2 - 3 rullo 27,94 mm - Dimensioni - Dimensions - B1=29.4 / B2=88.4 / B3=148 / b1=28.8 / C=5 / r3=44

Materiale - Material C 45			Semplici - Simplex				Doppi - Duplex				Tripli - Triplex			
Z	de mm	dp mm	dm mm	D1 mm	A mm	Peso Weight Kg.	dm mm	D1 mm	A mm	Peso Weight Kg.	dm mm	D1 mm	A mm	Peso Weight Kg.
37	543.0	524.13	-	-	-	-	-	-	-	-	-	-	-	-
38	557.0	538.27	180	30	75	58.40	200	40	120	149.90	200	40	180	244.01
40	585.0	566.54	180	30	75	63.92	200	40	120	167.15	200	40	180	271.10
45	656.0	637.22	180	30	75	79.12	200	40	150	218.10	200	40	209	352.63
50	726.0	707.91	180	30	75	96.00	200	40	150	267.99	-	-	-	-
57	825.0	806.90	180	40	123	125.13	200	40	150	346.99	200	40	209	567.76
60	869.0	849.32	180	40	123	144.00	-	-	-	-	-	-	-	-
76	1095.0	1075.62	180	40	123	215.46	200	40	150	615.35	238	40	217	1024.97



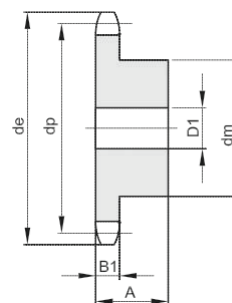
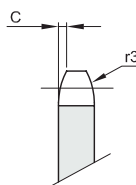
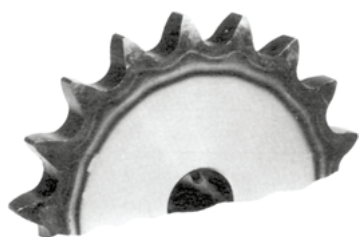
2"x1" 1/4- 32B-1- 2 - 3 rullo 29,21 mm - Dimensioni - Dimensions - B1=29.4 / B2=87.4 / B3=146 / b1=28.8 / C=6 / r3=51

Materiale - Material C 45		Semplici - Simplex					Doppi - Douplex				Tripli - Triplex			
Z	de mm	dp mm	dm mm	D1 mm	A mm	Peso Weight Kg.	dm mm	D1 mm	A mm	Peso Weight Kg.	dm mm	D1 mm	A mm	Peso Weight Kg.
8	152.0	132.74	85	30	80	4.20	85	30	120	6.65	85	30	180	9.90
9	168.0	148.54	100	30	80	5.78	100	30	120	9.14	100	30	180	13.65
10	184.0	164.39	115	30	80	7.60	115	30	120	12.01	115	30	180	17.97
11	200.0	181.31	125	30	80	9.26	125	35	120	14.75	125	35	180	22.22
12	216.0	196.29	133	30	80	10.91	133	35	120	17.95	133	35	180	27.23
13	235.0	212.29	145	30	80	13.05	145	35	120	21.68	145	35	180	32.98
14	251.0	228.29	145	30	80	14.25	145	35	120	25.03	145	35	180	38.50
15	267.0	244.30	145	30	80	15.53	160	35	120	29.30	160	35	180	45.04
16	283.0	260.40	160	30	90	19.87	160	40	120	33.21	160	40	180	51.50
17	299.0	276.46	160	30	90	21.35	180	40	120	38.76	200	40	180	61.45
18	315.0	292.55	160	30	90	22.92	180	40	120	43.24	200	40	180	68.85
19	331.0	308.66	160	30	90	24.53	200	40	120	49.52	200	40	180	76.73
20	347.0	324.71	180	40	90	28.50	200	40	120	54.56	200	40	180	85.07
21	363.0	340.82	180	40	90	30.36	200	40	120	59.87	200	40	180	93.89
22	379.0	356.98	180	40	90	32.31	200	40	120	65.47	-	-	-	-
23	396.0	373.08	180	40	90	34.36	200	40	120	71.35	200	40	180	112.93
24	412.0	389.18	180	40	90	36.50	200	40	120	77.52	-	-	-	-
25	428.0	405.33	180	40	90	38.74	200	40	120	83.66	200	40	180	133.86
26	444.0	421.44	180	40	90	41.07	200	40	120	90.69	-	-	-	-
27	460.0	437.59	-	-	-	-	-	-	-	-	-	-	-	-
28	476.0	453.69	180	40	90	46.01	200	40	120	104.99	-	-	-	-
29	492.0	469.85	-	-	-	-	-	-	-	-	-	-	-	-
30	508.0	486.00	180	40	90	51.34	200	40	120	120.41	200	40	180	194.42
31	525.0	502.13	-	-	-	-	-	-	-	-	-	-	-	-
32	541.0	518.27	200	40	90	59.89	-	-	-	-	-	-	-	-
33	557.0	534.42	-	-	-	-	-	-	-	-	-	-	-	-
34	573.0	550.56	-	-	-	-	-	-	-	-	-	-	-	-
35	589.0	566.71	200	40	90	69.16	200	40	120	163.85	200	40	180	267.49
36	605.0	582.86	-	-	-	-	-	-	-	-	-	-	-	-



2"x1" 1/4- 32B-1- 2 - 3 rullo 29,21 mm - Dimensioni - Dimensions - B1=29.4 / B2=87.4 / B3=146 / b1=28.8 / C=6 / r3=51

Materiale - Material C 45			Semplici - Simplex				Doppi - Duplex				Tripli - Triplex			
Z	de mm	dp mm	dm mm	D1 mm	A mm	Peso Weight Kg.	dm mm	D1 mm	A mm	Peso Weight Kg.	dm mm	D1 mm	A mm	Peso Weight Kg.
37	622.0	599.01	-	-	-	-	-	-	-	-	-	-	-	-
38	638.0	615.16	200	40	90	79.28	200	40	120	193.33	200	40	180	316.22
40	670.0	647.47	200	40	90	86.50	200	40	120	214.39	-	-	-	-
45	751.0	728.24	218	40	123	118.87	220	40	148	282.32	220	40	207	456.64
50	832.0	809.04	218	40	123	140.96	220	40	148	346.95	220	40	207	564.27
57	945.0	922.16	218	40	123	175.86	220	40	148	449.27	220	40	207	734.72
60	993.0	970.65	218	40	123	192.24	-	-	-	-	-	-	-	-
76	1252.0	1229.27	218	40	123	294.00	220	40	148	796.60	238	40	216	1319.64



3/8"x7/32"- 06B-1 rullo 6,35 mm - Dimensioni - Dimensions -
B1=5.3 / C=1 / r3=10

Materiale - Material C 45						
Z	de mm	dp mm	dm mm	D1 mm	A mm	Peso Weight Kg.
13	43.5	39.80	28	8	25	0.13
14	46.5	42.80	31	8	25	0.16
15	49.5	45.81	34	8	25	0.19
16	52.5	48.82	37	10	28	0.24
17	55.5	51.83	40	10	28	0.28
18	58.6	54.85	43	10	28	0.33
19	61.6	57.87	45	10	28	0.36
20	64.6	60.89	46	10	28	0.39
21	67.6	63.91	48	12	28	0.42
22	70.6	66.93	50	12	28	0.46
23	73.7	69.95	52	12	28	0.50
24	76.7	72.97	54	12	28	0.54
25	79.7	76.00	57	12	28	0.60
30	94.8	92.12	60	12	30	0.72

5/8"x3/8"- 10B-1 rullo 10,16 mm - Dimensioni - Dimensions -
B1=9.1 / C=1.6 / r3=16

Materiale - Material C 45						
Z	de mm	dp mm	dm mm	D1 mm	A mm	Peso Weight Kg.
12	68.2	61.34	42	12	30	0.37
13	73.2	66.32	47	12	30	0.46
14	78.2	71.34	52	12	30	0.56
15	83.2	76.36	57	12	30	0.67
16	88.3	81.37	60	12	30	0.76
17	93.3	86.39	60	12	30	0.88
18	98.3	91.42	70	14	30	1.01
19	103.3	96.45	70	14	30	1.15

1/2"x5/16"- 08B-1 rullo 8,51mm - Dimensioni - Dimensions -
B1=7.2 / C=1.3 / r3=13

Materiale - Material C 45						
Z	de mm	dp mm	dm mm	D1 mm	A mm	Peso Weight Kg.
12	53.9	49.07	33	10	28	0.21
13	57.9	53.06	37	10	28	0.26
14	61.9	57.07	41	10	28	0.32
15	65.9	61.09	45	10	28	0.38
16	69.9	65.10	50	12	28	0.46
17	74.0	69.11	52	12	28	0.51
18	78.0	73.14	56	12	28	0.59
19	82.0	77.16	60	12	28	0.67
20	86.0	81.19	64	12	28	0.76
21	90.1	85.22	68	14	28	0.85
22	94.1	89.24	70	14	28	0.91
23	98.1	93.27	70	14	28	0.94
24	102.1	97.29	70	14	28	0.98
25	106.2	101.33	70	14	28	1.01
30	126.3	121.50	80	16	30	1.46

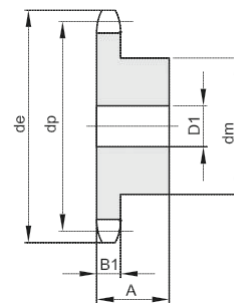
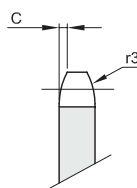
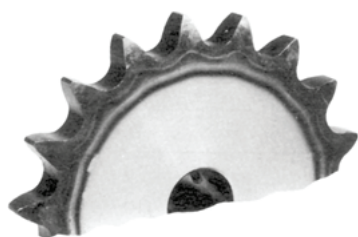
5/8"x3/8"- 10B-1 rullo 10,16 mm - Dimensioni - Dimensions -
B1=9.1 / C=1.6 / r3=16

Materiale - Material C 45						
Z	de mm	dp mm	dm mm	D1 mm	A mm	Peso Weight Kg.
20	108.4	101.49	75	14	30	1.21
21	113.4	106.52	75	16	30	1.35
22	118.4	111.55	80	16	30	1.41
23	123.5	116.58	80	16	30	1.47
24	128.5	121.62	80	16	30	1.54
25	133.6	126.66	80	16	30	1.60
30	158.8	151.87	90	20	35	2.41

Pignoni semplici temperati per Catene a Rulli

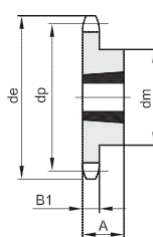
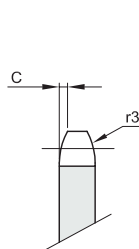
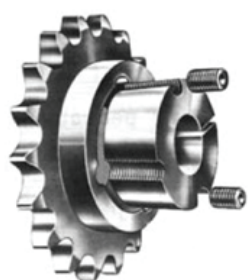
Simplex Sprockets with Hardened for Roller Chains

K.S.F.®
Power Transmission

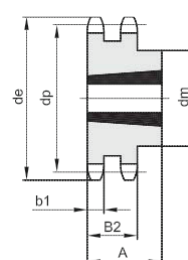


3/4"x7/16"- 12B-1 rullo 12,07mm - Dimensioni - Dimensions - B1=11.1 / C=2 / r3=19						
Materiale - Material C 45						
Z	de mm	dp mm	dm mm	D1 mm	A mm	Peso Weight Kg.
12	81.8	73.60	52	16	35	0.65
13	87.8	79.59	58	16	35	0.80
14	93.8	85.61	64	16	35	0.97
15	99.8	91.63	70	16	35	1.16
16	105.8	97.65	75	16	35	1.34
17	111.9	103.67	80	16	35	1.53
18	117.9	109.71	80	16	35	1.61
19	123.9	115.75	80	16	35	1.70
20	130.0	121.78	80	16	35	1.80
21	136.0	127.82	90	20	40	2.35
22	142.0	133.86	90	20	40	2.46
23	148.1	139.90	90	20	40	2.56
24	154.1	145.94	90	20	40	2.68
25	160.2	152.00	90	20	40	2.80
30	190.4	182.25	95	20	40	3.63

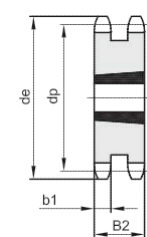
1"x17,02 mm- 16B-1 rullo 15,88mm - Dimensioni - Dimen- sions - B1=16.2 / C=2.5 / r3=26						
Materiale - Material C 45						
Z	de mm	dp mm	dm mm	D1 mm	A mm	Peso Weight Kg.
12	109.7	98.14	69	16	40	1.43
13	117.7	106.12	78	16	40	1.77
14	125.7	114.15	84	16	40	2.08
15	133.7	122.17	92	16	40	2.46
16	141.8	130.20	100	20	45	3.14
17	149.8	138.22	100	20	45	3.34
18	157.8	146.28	100	20	45	3.56
19	165.9	154.33	100	20	45	3.78
20	173.9	162.38	100	20	45	4.03
21	182.0	170.43	110	20	50	5.01
22	190.1	178.48	110	20	50	5.28
23	198.1	186.53	110	20	50	5.56
24	206.1	194.59	110	20	50	5.86
25	214.2	202.65	110	20	50	6.16
30	254.6	243.00	120	20	50	8.38



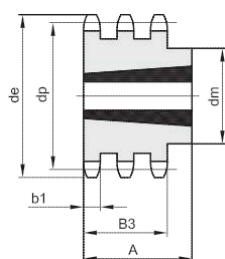
A



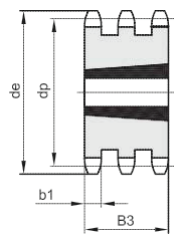
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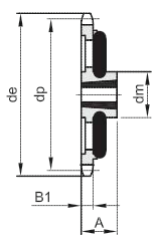
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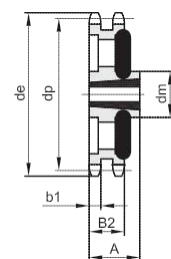
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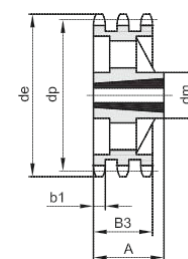
E



F



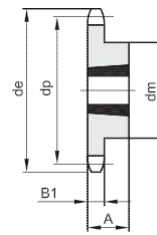
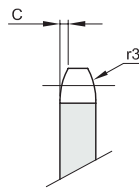
G



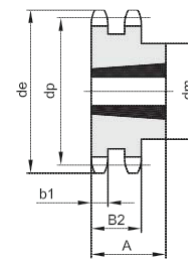
H

3/8"x7/32" - 06B-1- 2 - 3 rullo 6,35 mm - Dimensioni - Dimensions - B1=5,3 / B2=15,4 / B3=25,6 / b1=5,2 / C=1 / r3=10

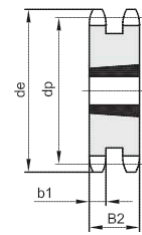
Materiale - Material C 45 or EN-GJL-200			Semplici - Simplex					Doppi - Duplex					Tripli - Triplex				
Z	de mm	dp mm	dm mm	A mm	Bussola Bushes	Tipo Type	Peso Weight Kg.	dm mm	A mm	Bussola Bushes	Tipo Type	Peso Weight Kg.	dm mm	A mm	Bussola Bushes	Tipo Type	Peso Weight Kg.
17	55.5	51.83	45	22	1008	A	0.11	41	22	1008	B	0.11	-	25.6	1008	E	0.15
18	58.6	54.85	45	22	1008	A	0.14	43	22	1008	B	0.15	-	-	-	-	-
19	61.6	57.86	45	22	1008	A	0.15	46	22	1008	B	0.18	-	25.6	1008	E	0.24
20	64.6	60.89	46	22	1008	A	0.16	48	22	1008	B	0.22	-	-	-	-	-
21	67.6	63.90	46	22	1008	A	0.18	49	22	1008	B	0.16	-	25.6	1008	E	0.34
22	70.6	66.93	55	22	1108	A	0.25	52	22	1108	B	0.28	-	-	-	-	-
23	73.7	69.95	63	25	1210	A	0.27	59	25	1210	B	0.27	-	25.6	1210	E	0.30
24	76.7	72.97	63	25	1210	A	0.30	61	25	1210	B	0.32	-	-	-	-	-
25	79.7	75.99	63	25	1210	A	0.32	64	25	1210	B	0.37	-	25.6	1210	E	0.41
26	82.7	79.02	63	25	1210	A	0.33	65	25	1210	B	0.44	-	-	-	-	-
27	85.7	82.04	63	25	1210	A	0.34	70	25	1210	B	0.50	-	25.6	1210	E	0.55
28	88.8	85.07	63	25	1210	A	0.37	70	25	1210	B	0.57	-	-	-	-	-
30	94.8	91.12	63	25	1210	A	0.39	75	25	1210	B	0.68	79	38.0	1615	D	0.88
38	119.0	115.34	70	25	1210	A	0.65	80	25	1610	B	1.03	90	38	1615	D	1.75
45	141.1	136.54	70	25	1210	A	1.01	-	-	-	-	-	-	-	-	-	-
57	177.5	172.91	83	25	1210	F	1.34	92	25	1610	G	1.16	-	-	-	-	-
76	235.1	230.49	83	25	1210	F	1.84	92	25	1610	G	2.19	-	-	-	-	-



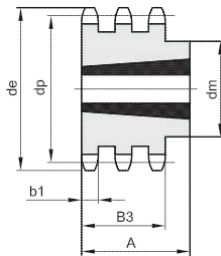
A



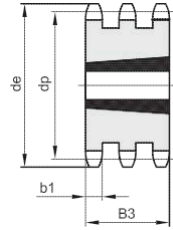
B



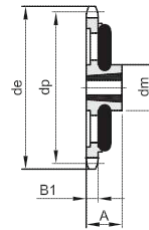
C



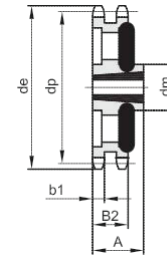
D



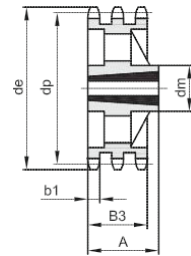
E



F



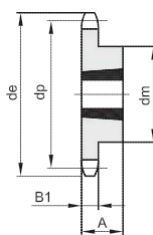
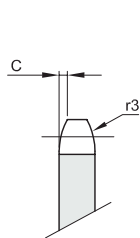
G



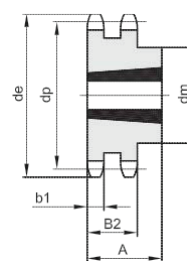
H

1/2"x5/16" - 08B-1- 2 - 3 rullo 8,51 mm - Dimensioni - Dimensions - B1=7.2 / B2=21 / B3=34.9 / b1=7 / C=1.3 / r3=13

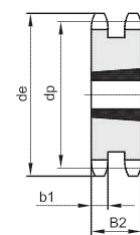
Materiale - Material C 45 or EN-GJL-200			Semplici - Simplex					Doppi - Douplex					Tripli - Triplex				
Z	de mm	dp mm	dm mm	A mm	Bussola Bushes	Tipo Type	Peso Weight Kg.	dm mm	A mm	Bussola Bushes	Tipo Type	Peso Weight Kg.	dm mm	A mm	Bussola Bushes	Tipo Type	Peso Weight Kg.
15	66.5	61.80	45	22	1008	A	0.16	46	22	1008	B	0.22	-	34.9	1008	E	0.36
16	69.9	65.10	50	22	1108	A	0.20	50	22	1108	B	0.22	-	-	-	-	-
17	74.5	69.11	60	25	1210	1	0.22	56	25	1210	B	0.23	-	34.9	1210	E	0.35
18	78.0	73.14	60	25	1210	A	0.27	60	25	1210	B	0.30	-	-	-	-	-
19	82.5	77.15	63	25	1210	A	0.33	62	25	1210	B	0.38	62	38	1215	D	0.61
20	86.0	881.19	67	25	1610	A	0.27	66	25	1610	B	0.45	-	-	-	-	-
21	90.6	85.21	71	25	1610	A	0.36	70	25	1610	B	0.50	70	38	1615	D	0.65
22	94.1	89.24	71	25	1610	A	0.36	76	25	1610	B	0.55	-	-	-	-	-
23	98.7	93.26	76	25	1610	A	0.50	79	25	1610	B	0.62	70	38	1615	D	0.93
24	102.1	97.29	76	25	1610	A	0.53	84	32	2012	B	0.68	-	-	-	-	-
25	106.7	101.32	76	25	1610	A	0.56	87	32	2012	B	0.72	-	34.9	2012	E	0.85
26	110.2	105.36	76	25	1610	A	0.60	87	32	2012	B	0.82	-	-	-	-	-
27	114.8	109.39	76	25	1610	A	0.63	87	32	2012	B	0.92	-	34.9	2012	E	1.18
28	118.3	113.42	90	32	2012	A	0.77	87	32	2012	B	1.10	-	-	-	-	-
30	126.9	121.49	90	32	2012	A	0.91	87	32	2012	B	1.24	-	34.9	2012	E	1.73
38	159.2	153.79	90	32	2012	A	1.25	100	32	2012	B	2.50	-	34.9	2012	E	3.53
45	188.6	182.07	111	32	2012	A	1.68	-	-	-	-	-	-	-	-	-	-
57	237.1	230.54	111	32	2012	F	2.78	111	32	2012	G	3.64	-	-	-	-	-
76	313.9	307.33	111	32	2012	F	3.81	111	32	2012	G	5.09	-	-	-	-	-



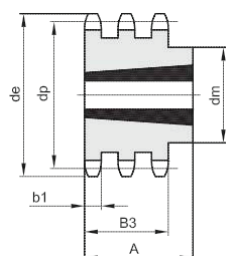
A



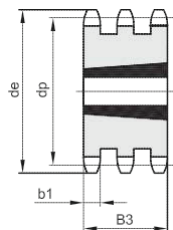
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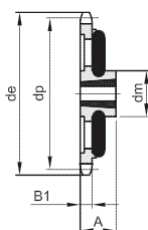
C



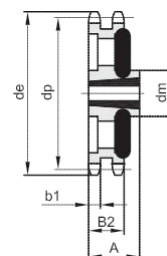
D



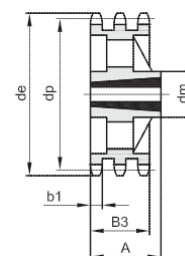
E



F



G



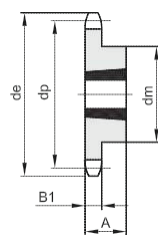
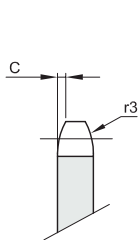
H

5/8"x3/8" - 10B-1- 2 - 3 rullo 10,16 mm - Dimensioni - Dimensions - B1=9,1 / B2=25,5 / B3=42,1 / b1=9 / C=1,6 / r3=16

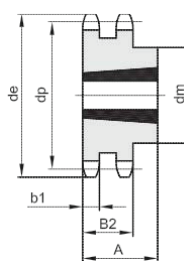
Materiale - Material C 45 or EN-GJL-200			Semplici - Simplex					Doppi - Duplex					Tripli - Triplex				
Z	de mm	dp mm	dm mm	A mm	Bussola Bushes	Tipo Type	Peso Weight Kg.	dm mm	A mm	Bussola Bushes	Tipo Type	Peso Weight Kg.	dm mm	A mm	Bussola Bushes	Tipo Type	Peso Weight Kg.
13	73.2	66.33	47	22	1008	A	0.23	-	-	-	-	-	-	-	-	-	-
14	78.2	71.34	52	22	1108	A	0.27	-	-	-	-	-	-	-	-	-	-
15	83.2	76.35	60	25	1210	A	0.30	-	25.5	1210	C	0.38	-	42.1	1215	E	0.63
16	88.3	81.37	63	25	1210	A	0.38	-	25.5	1610	C	0.42	-	-	-	-	-
17	93.3	86.39	71	25	1610	A	0.38	-	25.5	1610	3	0.47	-	42.1	1215	E	1.01
18	98.3	91.42	71	25	1610	A	0.43	-	25.5	1610	C	0.60	-	-	-	-	-
19	103.3	96.44	75	25	1610	A	0.54	-	25.5	1610	C	0.72	-	42.1	1615	E	1.19
20	108.4	101.49	76	25	1610	A	0.61	-	25.5	1610	C	0.87	-	-	-	-	-
21	113.4	106.51	76	25	1610	A	0.65	-	25.5	1610	C	1.01	-	42.1	1615	E	1.66
22	118.4	111.55	76	25	1610	A	0.72	-	25.5	1610	C	1.18	-	-	-	-	-
23	123.5	116.58	76	25	1610	A	0.77	-	25.5	1610	C	1.35	-	42.1	2012	E	1.78
24	128.5	121.62	90	32	2012	A	0.98	90	32.0	2012	B	1.45	-	-	-	-	-
25	133.6	126.66	90	32	2012	A	1.05	90	32.0	2012	B	1.55	105	44	2517	D	1.81
26	138.6	131.70	90	32	2012	A	1.11	90	32	2012	B	1.75	-	-	-	-	-
27	143.6	136.74	90	32	2012	A	1.17	90	32	2012	B	1.98	110	44	2517	D	2.45
28	148.7	141.78	90	32	2012	A	1.29	90	32	2012	B	2.30	-	-	-	-	-
30	158.8	151.87	90	32	2012	A	1.40	90	32	2012	B	2.63	120	44	2517	D	3.54
38	199.1	192.23	100	32	2012	A	2.43	-	-	-	-	-	-	-	-	-	-
45	236.0	227.58	111	32	2012	A	3.55	-	-	-	-	-	-	-	-	-	-
57	296.6	288.18	111	32	2012	F	4.28	-	-	-	-	-	-	-	-	-	-
76	392.5	384.16	111	32	2012	F	5.95	-	-	-	-	-	-	-	-	-	-

Pignoni per Bussola Conica Sprockets for Taper Bushes

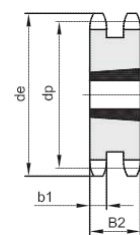
K.S.F.®
Power Transmission



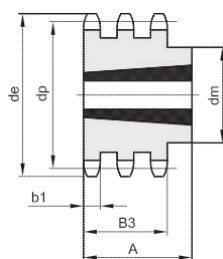
A



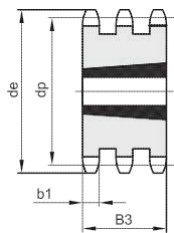
B



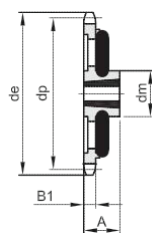
C



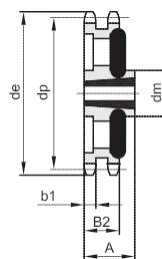
D



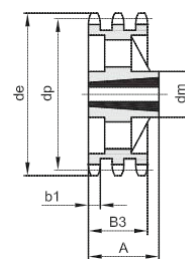
E



F



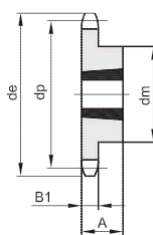
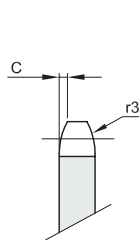
G



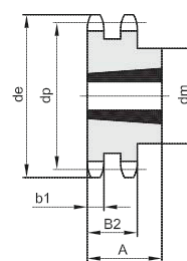
H

3/4"x7/16" - 12B-1- 2 - 3 rullo 12,07 mm - Dimensioni - Dimensions - B1=11.1 / B2=30.3 / B3=49.8 / b1=10.8 / C=2 / r3=19

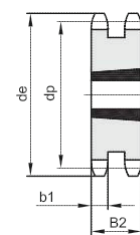
Materiale - Material C 45 or EN-GJL-200			Semplici - Simplex					Doppi - Duplex					Tripli - Triplex				
Z	de mm	dp mm	dm mm	A mm	Bussola Bushes	Tipo Type	Peso Weight Kg.	dm mm	A mm	Bussola Bushes	Tipo Type	Peso Weight Kg.	dm mm	A mm	Bussola Bushes	Tipo Type	Peso Weight Kg.
13	87.8	79.60	60	25	1210	A	0.35	-	-	-	-	-	-	-	-	-	-
14	93.8	85.61	67	25	1610	A	0.40	-	-	-	-	-	-	-	-	-	-
15	99.8	91.62	70	25	1610	A	0.44	-	30.3	1610	C	0.68	-	49.8	1615	E	1.11
16	105.8	97.65	71	25	1610	A	0.53	-	30.3	1610	C	0.89	-	-	-	-	-
17	111.9	103.67	76	25	1610	A	0.66	-	30.3	1610	C	1.14	-	49.8	1615	E	1.75
18	117.9	109.71	90	32	2012	A	0.86	90	32.0	2012	B	1.18	-	-	-	-	-
19	123.9	115.73	90	32	2012	A	0.94	90	32.0	2012	B	1.24	-	49.8	2012	E	2.02
20	130.0	121.78	90	32	2012	A	1.04	108	44.0	2517	B	1.40	-	-	-	-	-
21	136.0	127.81	102	44	2517	A	1.24	108	44	2517	B	1.68	-	49.8	2517	E	2.09
22	142.0	133.86	108	44	2517	A	1.60	108	44	2517	B	1.99	-	-	-	-	-
23	148.1	139.90	108	44	2517	A	1.70	108	44	2517	B	2.24	-	49.8	2517	E	3.00
24	154.1	145.94	108	44	2517	A	1.81	108	44	2517	B	2.54	-	-	-	-	-
25	160.2	151.99	108	44	2517	A	1.93	108	44	2517	B	2.87	-	49.8	2517	E	3.98
26	166.2	158.04	108	44	2517	A	2.04	108	44	2517	B	3.17	-	-	-	-	-
27	172.3	164.09	108	44	2517	A	2.14	108	44	2517	B	3.55	140	51.0	3020	D	3.90
28	178.3	170.13	108	44	2517	A	2.37	108	44	2517	B	4.10	-	-	-	-	-
30	190.4	182.24	108	44	2517	A	2.60	108	44	2517	B	4.62	140	51.0	3020	D	5.64
38	238.9	230.69	108	44	2517	A	3.93	140	51	3020	B	8.11	140	51.0	3020	D	11.58
45	283.2	273.10	124	44	2517	A	5.52	-	-	-	-	-	-	-	-	-	-
57	355.9	345.81	124	44	2517	F	6.48	160	51	3020	G	10.28	160	51.0	3020	H	13.23
76	471.1	460.99	124	44	2517	F	9.71	160	51	3020	G	15.24	-	-	-	-	-



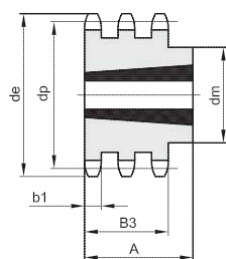
A



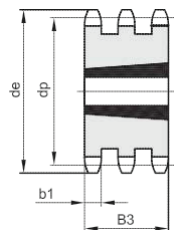
B



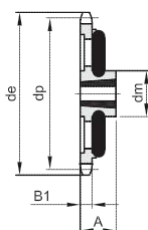
C



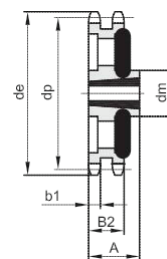
D



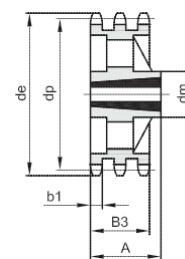
E



F



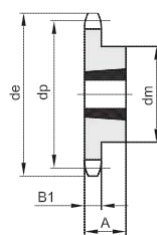
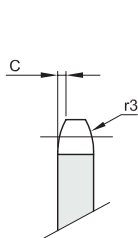
G



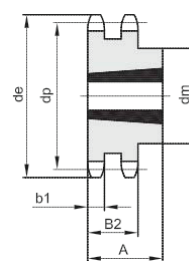
H

1"x17,02 - 16B-1- 2 - 3 rullo 15,88 mm - Dimensioni - Dimensions - B1=16.2 / B2=47.7 / B3=79.6 / b1=15.8 / C=2.5 / r3=26

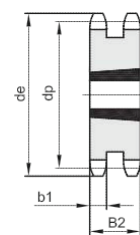
Materiale - Material C 45 or EN-GJL-200			Semplici - Simplex					Doppi - Duplex					Tripli - Triplex				
Z	de mm	dp mm	dm mm	A mm	Bussola Bushes	Tipo Type	Peso Weight Kg.	dm mm	A mm	Bussola Bushes	Tipo Type	Peso Weight Kg.	dm mm	A mm	Bussola Bushes	Tipo Type	Peso Weight Kg.
13	117.7	106.13	73	38	1615	A	0.98	-	-	-	-	-	-	-	-	-	-
14	125.7	114.15	75	38	1615	A	1.14	-	-	-	-	-	-	-	-	-	-
15	133.7	122.16	76	38	1615	A	1.30	-	47.7	2012	C	2.11	-	-	-	-	-
16	141.8	130.20	90	32	2012	A	1.40	-	47.7	2517	C	2.25	-	-	-	-	-
17	149.8	138.23	90	32	2012	A	1.59	-	47.7	2517	C	2.53	-	79.6	2517	E	4.29
18	157.8	146.28	108	44	2517	A	2.10	-	47.7	2517	C	3.10	-	-	-	-	-
19	165.9	154.31	108	44	2517	A	2.29	-	47.7	2517	C	3.80	-	79.6	3030	E	4.36
20	173.9	162.38	110	44	2517	A	2.60	-	47.7	2517	C	4.10	-	-	-	-	-
21	182.0	170.42	110	44	2517	A	2.81	140	51.0	3020	B	4.15	-	79.6	3030	E	6.69
22	190.1	178.48	110	44	2517	A	3.10	140	51.0	3020	B	4.90	-	-	-	-	-
23	198.1	186.53	110	44	2517	A	3.38	140	51.0	3020	B	5.69	159	89.0	3535	D	7.80
24	206.2	194.59	110	44	2517	A	3.70	140	51.0	3020	B	6.00	-	-	-	-	-
25	214.2	202.66	110	44	2517	A	3.97	140	51.0	3020	B	6.38	175	89.0	3535	D	10.93
26	222.3	210.72	110	44	2517	A	4.26	140	51	3020	B	7.80	-	-	-	-	-
27	230.4	218.79	110	44	2517	A	4.55	140	51	3020	B	9.27	175	89.0	3535	D	14.06
28	238.4	226.85	110	44	2517	A	5.26	140	51.0	3020	B	11.40	-	-	-	-	-
30	254.6	242.99	120	44	2517	A	5.97	140	76.0	3030	B	13.50	175	89.0	3535	D	19.10
38	319.2	307.59	160	51	3020	A	8.73	160	76.0	3030	G	14.94	178	89.0	3535	H	21.65
45	377.9	364.12	160	51	3020	A	12.49	-	-	-	-	-	-	-	-	-	-
57	474.9	461.07	160	51	3020	F	13.87	178	89.0	3535	G	25.62	216	102.0	4040	H	40.50
76	628.4	614.65	160	51	3020	F	22.63	-	-	-	-	-	-	-	-	-	-



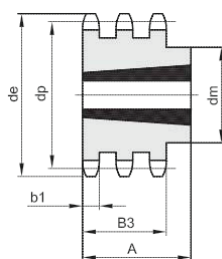
A



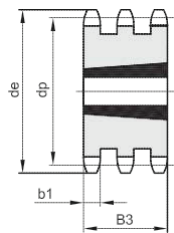
B



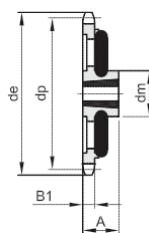
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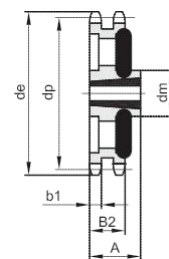
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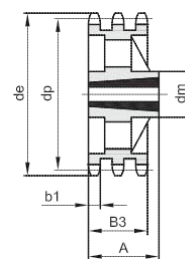
E



F



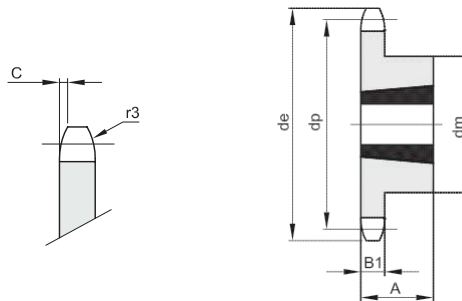
G



H

1"1/4x3/4" - 20B-1- 2 - 3 rullo 19,05 mm - Dimensioni - Dimensions - B1=18.5 / C=3.5 / r3=32

Materiale - Material C 45 or EN-GJL-200			Semplici - Simplex					Doppi - Duplex					Tripli - Triplex				
Z	de mm	dp mm	dm mm	A mm	Bussola Bushes	Tipo Type	Peso Weight Kg.	dm mm	A mm	Bussola Bushes	Tipo Type	Peso Weight Kg.	dm mm	A mm	Bussola Bushes	Tipo Type	Peso Weight Kg.
15	167.7	152.72	110	44	2517	A	3.39										
17	187.7	172.78	110	44	2517	A	5.07										
19	207.9	192.91	110	44	2517	A	6.75										
21	228.0	213.04	120	44	2517	A	7.70										
23	248.2	233.17	120	44	2517	A	8.78										
25	268.4	253.33	120	44	2517	A	9.50										
30	318.7	303.65	160	51	3020	A	11.90										
38	399.4	384.49	160	51	3020	F	15.80										



3/8"x7/32"- 06B-1 rullo 6,35 mm - Dimensioni - Dimensions -
B1=5.3 / C=1 / r3=10

Materiale - Material C 45						
Z	de mm	dp mm	dm mm	D1 mm	A mm	Peso Weight Kg.
17	55.5	51.83	45	22	1008	0.11
19	61.6	57.86	45	22	1008	0.15
21	67.6	63.90	46	22	1008	0.18
23	73.7	69.95	63	25	1210	0.27
25	79.7	75.99	63	25	1210	0.32
27	85.7	82.04	63	25	1210	0.34
30	94.8	91.12	63	25	1210	0.39

1/2"x5/16"- 08B-1 rullo 8,51 mm - Dimensioni - Dimensions -
B1=7.2 / C=1.3 / r3=13

Materiale - Material C 45						
Z	de mm	dp mm	dm mm	D1 mm	A mm	Peso Weight Kg.
15	66.5	61.80	45	22	1008	0.16
17	74.5	69.11	60	25	1210	0.22
19	82.5	77.15	63	25	1210	0.33
21	90.6	85.21	71	25	1610	0.36
23	98.7	93.26	76	25	1610	0.50
25	106.7	101.32	76	25	1610	0.56
27	114.8	109.39	76	25	1610	0.63
30	126.9	121.49	90	32	2012	0.91

5/8"x3/8"- 10B-1 rullo 10,16 mm - Dimensioni - Dimensions -
B1=9.1 / C=1.6 / r3=16

Materiale - Material C 45						
Z	de mm	dp mm	dm mm	D1 mm	A mm	Peso Weight Kg.
13	73.2	66.33	47	22	1008	0.23
15	83.2	76.35	60	25	1210	0.30
17	93.3	86.39	71	25	1610	0.38
19	103.3	96.44	75	25	1610	0.54
21	113.4	106.51	76	25	1610	0.65
23	123.5	116.58	76	25	1610	0.77
25	133.6	126.66	90	32	2012	1.05
27	143.6	136.74	90	32	2012	1.17
30	158.8	151.87	90	32	2012	1.40

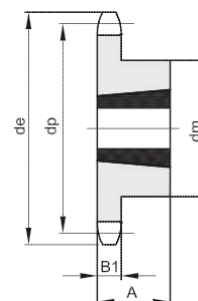
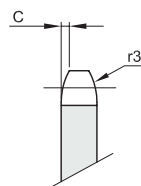
3/4"x7/16"- 12B-1 rullo 12,07 mm - Dimensioni - Dimensions -
B1=11.1 / C=2 / r3=19

Materiale - Material C 45						
Z	de mm	dp mm	dm mm	D1 mm	A mm	Peso Weight Kg.
13	87.8	79.60	60	25	1210	0.35
15	99.8	91.62	70	25	1610	0.44
17	111.9	103.67	76	25	1610	0.66
19	123.9	115.73	90	32	2012	0.94
21	136.0	127.81	102	44	2517	1.24
23	148.1	139.90	108	44	2517	1.70
25	160.2	151.99	108	44	2517	1.93
27	172.3	164.09	108	44	2517	2.14
30	190.4	182.24	108	44	2517	2.60

Pignoni per Bussola Conica Temprati

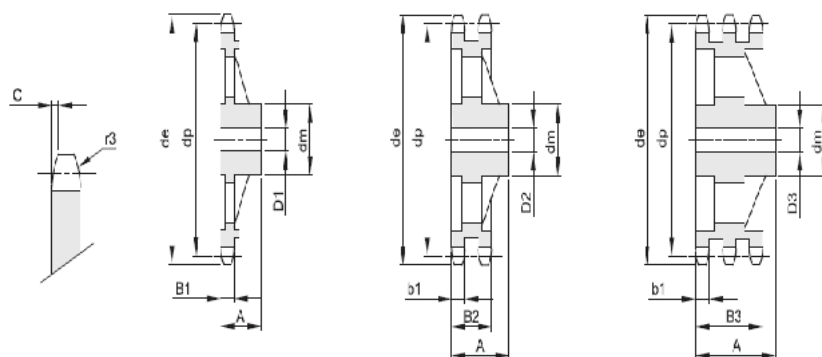
Sprockets for Taper Bushes with Hardened Teeth

K.S.F.®
Power Transmission



1"x17,02- 16B-1 rullo 15,88 mm - Dimensioni - Dimensions - B1=16.2 / C=2.5 / r3=26						
Materiale - Material C 45						
Z	de mm	dp mm	dm mm	D1 mm	A mm	Peso Weight Kg.
15	133.7	122.16	76	38	1615	1.30
17	149.8	138.23	90	32	2012	1.59
19	165.9	154.31	108	44	2517	2.29
21	182.0	170.42	110	44	2517	2.81
23	198.1	186.53	110	44	2517	3.38
25	214.2	202.66	110	44	2517	3.97
27	230.4	218.79	110	44	2517	4.55
30	254.6	242.99	120	44	2517	5.97

1/4"x3/4"- 20B-1 rullo 19,05 mm - Dimensioni - Dimensions - B1=18.5 / C=3.5 / r3=32						
Materiale - Material C 45						
Z	de mm	dp mm	dm mm	D1 mm	A mm	Peso Weight Kg.
15	167.7	152.72	110	44	2517	3.39
17	187.7	172.78	110	44	2517	5.07
19	207.9	192.91	110	44	2517	6.75
21	228.0	213.04	120	44	2517	7.70
23	248.2	233.17	120	44	2517	8.78
25	268.4	253.33	120	44	2517	9.50



3/8"x7/32" - 06B-1- 2 - 3 rullo 6,35 mm - Dimensioni - Dimensions - B1=5.3 / B2=15.4 / B3=25.6 / b1=5.2 / C=1 / r3=10

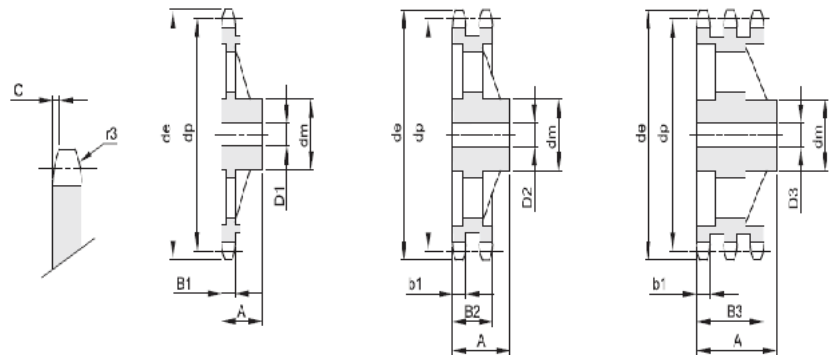
Materiale - Material Ghisa - Cast Iron - EN-GJL-200			Semplici - Simplex				Doppi - Duplex				Tripli - Triplex			
Z	de mm	dp mm	dm mm	D1 mm	A mm	Peso Weight Kg.	dm mm	D2 mm	A mm	Peso Weight Kg.	dm mm	D3 mm	A mm	Peso Weight Kg.
38	119.0	115.34	70	20	32	1.12	-	-	-	-	-	-	-	-
45	141.1	136.54	70	20	32	1.30	80	20	40	2.06	90	24	56	3.56
57	177.5	172.91	70	20	32	1.55	80	20	40	2.30	90	24	56	3.97
76	235.1	230.49	70	20	35	2.00	80	20	40	3.02	100	24	56	4.52
95	292.7	288.08	80	20	40	3.53	90	20	45	4.68	100	24	56	6.12
114	350.3	345.68	80	20	40	4.05	95	20	45	5.90	100	24	56	7.45

1/2"x5/16" - 08B-1- 2 - 3 rullo 8,51 mm - Dimensioni - Dimensions - B1=7.2 / B2=21 / B3=34.9 / b1=7 / C=1.3 / r3=13

Materiale - Material Ghisa - Cast Iron - EN-GJL-200			Semplici - Simplex				Doppi - Duplex				Tripli - Triplex			
Z	de mm	dp mm	dm mm	D1 mm	A mm	Peso Weight Kg.	dm mm	D2 mm	A mm	Peso Weight Kg.	dm mm	D3 mm	A mm	Peso Weight Kg.
38	158.6	153.80	70	24	40	1.56	90	24	50	3.15	100	24	60	4.45
45	188.6	182.07	70	24	40	1.95	90	24	50	3.56	100	24	60	5.85
57	237.1	230.54	70	24	40	2.46	90	24	50	4.00	100	24	60	6.28
76	313.9	307.33	80	24	40	4.20	100	24	56	6.35	100	24	60	8.60
95	390.7	384.11	80	24	45	5.45	100	24	56	8.00	120	24	67	11.90
114	467.4	460.90	80	24	45	8.35	100	24	63	11.90	-	-	-	-

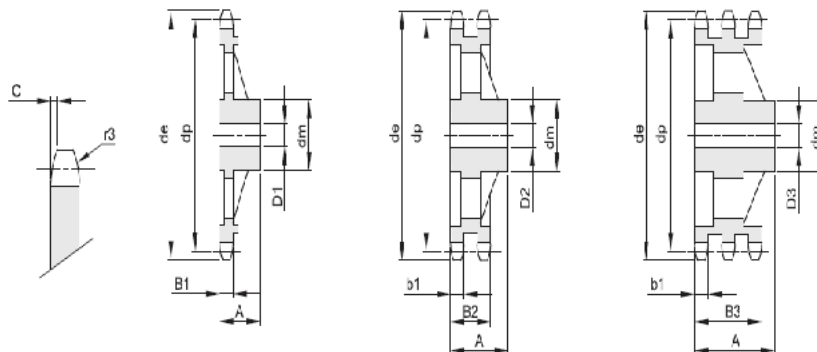
5/8"x3/8" - 10B-1- 2 - 3 rullo 10,16 mm - Dimensioni - Dimensions - B1=9.1 / B2=25.5 / B3=42.1 / b1=9 / C=1.6 / r3=16

Materiale - Material Ghisa - Cast Iron - EN-GJL-200			Semplici - Simplex				Doppi - Duplex				Tripli - Triplex			
Z	de mm	dp mm	dm mm	D1 mm	A mm	Peso Weight Kg.	dm mm	D2 mm	A mm	Peso Weight Kg.	dm mm	D3 mm	A mm	Peso Weight Kg.
38	199.1	192.24	80	24	40	2.32	100	30	50	4.56	100	32	60	6.50
45	236.0	227.58	80	24	40	2.88	100	30	50	4.93	100	32	60	7.04
57	296.6	288.18	90	24	45	4.30	100	30	56	6.50	100	32	63	8.00
76	392.5	384.16	90	24	50	7.00	100	30	63	9.10	110	35	67	12.00
95	488.5	480.14	100	24	56	10.65	110	30	63	12.60	125	35	70	19.40
114	584.5	576.13	100	24	56	14.50	125	30	70	17.80	125	35	80	24.00



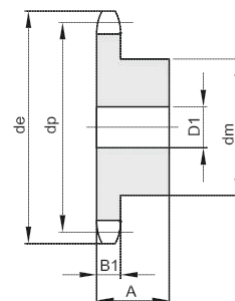
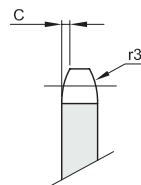
3/4"x7/16" - 12B-1-2-3 rullo 12,7 mm - Dimensioni - Dimensions - B1=11.1 / B2=30.3 / B3=49.8 / b1=10.8 / C=2 / r3=19														
Materiale - Material Ghisa - Cast Iron - EN-GJL-200			Semplici - Simplex				Doppi - Duplex				Tripli - Triplex			
Z	de mm	dp mm	dm mm	D1 mm	A mm	Peso Weight Kg.	dm mm	D2 mm	A mm	Peso Weight Kg.	dm mm	D3 mm	A mm	Peso Weight Kg.
38	238.9	230.69	100	24	56	4.75	110	25	63	7.50	115	30	70	10.00
45	283.2	273.10	100	24	56	5.90	110	30	63	8.30	140	30	70	13.30
57	355.9	345.81	100	30	56	6.45	120	30	63	10.30	140	40	70	15.25
76	471.1	460.99	100	30	56	12.30	135	30	63	15.20	160	40	75	27.20
95	586.2	576.17	100	30	65	15.40	135	30	70	20.20	170	40	82	36.40
114	701.4	691.36	100	30	65	24.80	135	45	70	30.40	170	50	82	41.10

1"x17,02 - 16B-1-2-3 rullo 15,88 mm - Dimensioni - Dimensions - B1=16.2 / B2=47.7 / B3=79.6 / b1=15.8 / C=2.5 / r3=26														
Materiale - Material Ghisa - Cast Iron - EN-GJL-200			Semplici - Simplex				Doppi - Duplex				Tripli - Triplex			
Z	de mm	dp mm	dm mm	D1 mm	A mm	Peso Weight Kg.	dm mm	D2 mm	A mm	Peso Weight Kg.	dm mm	D3 mm	A mm	Peso Weight Kg.
38	319.2	307.59	110	30	65	8.26	140	40	75	16.45	160	45	100	25.40
45	377.9	364.12	125	30	70	10.75	150	40	75	19.20	160	45	100	33.60
57	474.9	461.07	125	35	70	12.90	170	40	90	29.50	180	45	100	44.70
76	628.4	614.65	140	35	80	24.70	175	40	95	46.30	200	45	110	63.10
95	782.0	768.22	140	40	80	32.00	175	45	95	53.00	200	50	110	77.00
114	935.6	921.81	150	40	80	45.50	180	45	95	74.00	200	50	115	97.00



1"1/4x3/4" - 20B-1- 2 - 3 rullo 19,05 mm - Dimensioni - Dimensions - B1=18.5 / B2=54.6 / B3=91 / b1=18.2 / C=3.5 / r3=32														
Materiale - Material Ghisa - Cast Iron - EN-GJL-200			Semplici - Simplex				Doppi - Douplex				Tripli - Triplex			
Z	de mm	dp mm	dm mm	D1 mm	A mm	Peso Weight Kg.	dm mm	D2 mm	A mm	Peso Weight Kg.	dm mm	D3 mm	A mm	Peso Weight Kg.
38	399.4	384.49	125	35	70	12.30	140	45	90	24.80	180	50	115	52.00
57	592.3	576.36	135	40	80	25.60	170	50	100	43.00	180	50	130	71.50
76	784.3	768.32	140	50	90	29.10	180	50	110	62.50	200	50	140	115.00

1"1/2x1" - 24B-1- 2 - 3 rullo 25.4 mm - Dimensioni - Dimensions - B1=24.1 / B2=72 / B3=120.3 / b1=23.6 / C=4 / r3=38														
Materiale - Material Ghisa - Cast Iron - EN-GJL-200			Semplici - Simplex				Doppi - Douplex				Tripli - Triplex			
Z	de mm	dp mm	dm mm	D1 mm	A mm	Peso Weight Kg.	dm mm	D2 mm	A mm	Peso Weight Kg.	dm mm	D3 mm	A mm	Peso Weight Kg.
38	476.5	461.39	140	45	90	21.80	180	45	100	42.20	200	50	150	42.50
57	707.5	691.63	160	45	100	46.20	200	50	110	72.70	200	55	150	119.40
76	939.0	921.98	180	45	100	63.60	220	55	120	125.00	-	-	-	-

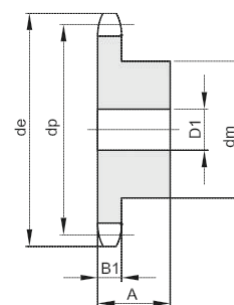
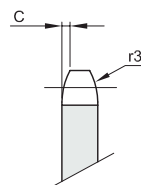


3/8"x7/32"- 06B-1 rullo 6,35 mm - Dimensioni - Dimensions - B1=5.3 / C=1 / r3=10						
Materiale - Material AISI 304 L						
Z	de mm	dp mm	dm mm	D1 mm	A mm	Peso Weight Kg.
13	43.5	39.80	28	8	25	0.13
14	46.5	42.80	31	8	25	0.16
15	49.5	45.81	34	8	25	0.18
16	52.5	48.82	37	10	28	0.24
17	55.5	51.83	40	10	28	0.28
18	58.6	54.85	43	10	28	0.33
19	61.6	57.87	45	10	28	0.36
20	64.6	60.89	46	10	28	0.39
21	67.6	63.91	48	12	28	0.42
23	73.7	69.95	52	12	28	0.50
25	79.7	76.00	57	12	28	0.60
30	94.8	91.12	60	12	30	0.72

1/2"x5/16"- 08B-1 rullo 8,51 mm - Dimensioni - Dimensions - B1=7.2 / C=1.3 / r3=13						
Materiale - Material AISI 304 L						
Z	de mm	dp mm	dm mm	D1 mm	A mm	Peso Weight Kg.
12	53.9	49.07	33	10	28	0.21
13	57.9	53.06	37	10	28	0.26
14	61.9	57.07	41	10	28	0.32
15	65.9	61.09	45	10	28	0.38
16	69.9	65.10	50	12	28	0.46
17	74.0	69.11	52	12	28	0.51
18	78.0	73.14	56	12	28	0.59
19	82.0	77.16	60	12	28	0.67
20	86.0	81.19	64	12	28	0.76
21	90.1	85.22	68	14	28	0.85
23	98.1	93.27	70	14	28	0.94
25	106.2	101.33	70	14	28	1.01
30	126.3	121.50	80	16	30	1.46

5/8"x3/8"- 10B-1 rullo 10,16 mm - Dimensioni - Dimensions - B1=9.1 / C=1.6 / r3=16						
Materiale - Material AISI 304 L						
Z	de mm	dp mm	dm mm	D1 mm	A mm	Peso Weight Kg.
13	73.2	66.32	47	12	30	0.46
14	78.2	71.34	52	12	30	0.56
15	83.2	76.36	57	12	30	0.67
16	88.3	81.37	60	12	30	0.76
17	93.3	86.39	60	12	30	0.88
18	98.3	91.42	70	14	30	1.01
19	103.3	96.45	70	14	30	1.15

5/8"x3/8"- 10B-1 rullo 10,16 mm - Dimensioni - Dimensions - B1=9.1 / C=1.6 / r3=16						
Materiale - Material AISI 304 L						
Z	de mm	dp mm	dm mm	D1 mm	A mm	Peso Weight Kg.
20	108.4	101.49	75	14	30	1.21
21	113.4	106.52	75	16	30	1.35
23	123.5	116.58	80	16	30	1.47
25	133.6	126.66	80	16	30	1.60
30	158.8	151.87	90	20	35	2.41



3/4"x7/16"- 12B-1 rullo 12,07 mm - Dimensioni - Dimensions
- B1=11.1 / C=2 / r3=19

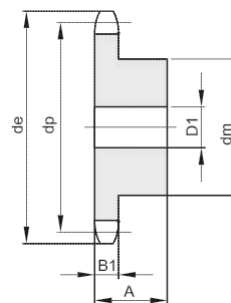
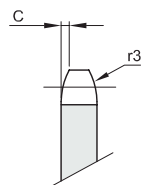
Materiale - Material AISI 304 L						
Z	de mm	dp mm	dm mm	D1 mm	A mm	Peso Weight Kg.
13	87.8	79.59	58	16	35	0.80
14	93.8	85.61	64	16	35	0.97
15	99.8	91.63	70	16	35	1.16
16	105.8	97.65	75	16	35	1.34
17	111.9	103.67	80	16	35	1.53
18	117.9	109.71	80	16	35	1.62
19	123.9	115.75	80	16	35	1.70
20	130.0	121.78	80	16	35	1.80
21	136.0	127.82	90	20	40	2.35
23	148.1	139.90	90	20	40	2.56
25	160.2	152.00	90	20	40	2.80

1"x17,02"- 16B-1 rullo 15,88 mm - Dimensioni - Dimensions
B1=16.2 / C=2.5 / r3=26

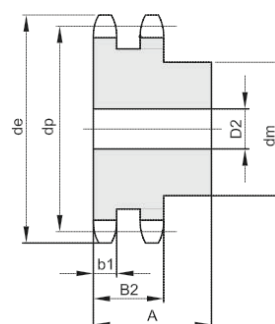
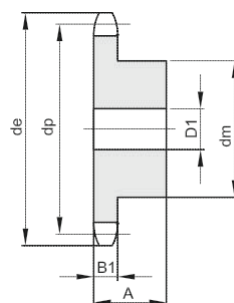
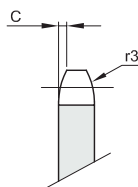
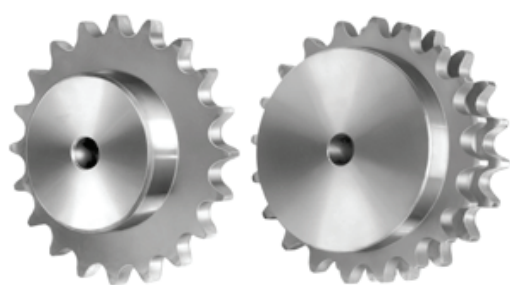
Materiale - Material AISI 304 L						
Z	de mm	dp mm	dm mm	D1 mm	A mm	Peso Weight Kg.
13	117.7	106.12	78	16	40	1.77
14	125.7	114.15	84	16	40	2.08
15	133.7	122.17	92	16	40	2.46
16	141.8	130.20	100	20	45	3.14
17	149.8	138.22	100	20	45	3.34
18	157.8	146.28	100	20	45	3.56
19	165.9	154.33	100	20	45	3.78
20	173.9	162.38	100	20	45	4.03
21	182.0	170.43	110	20	50	5.14

Pignoni per Catene a Rulli ASA

Sprockets for ASA Roller Chains



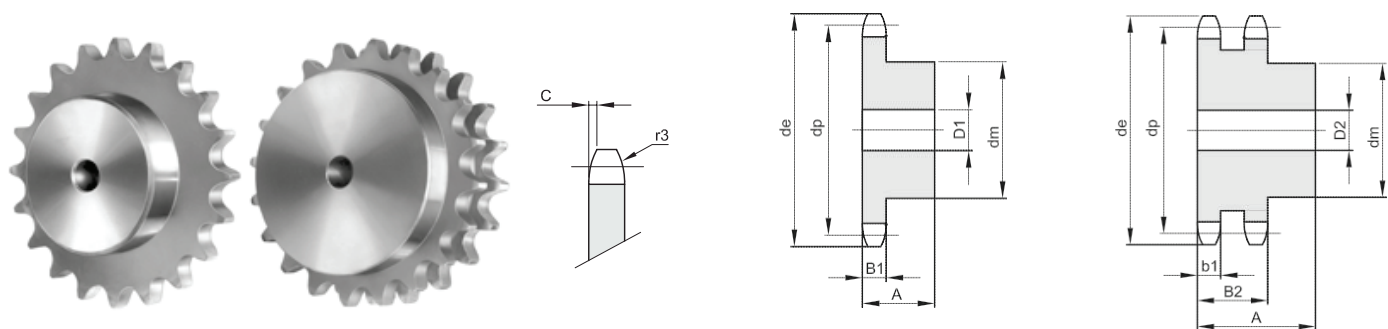
ASA 25 - 04C - 1 rullo 3,3 mm - Dimensioni - Dimensions - B1=2.9 / C=0.6 / r3=6														
Materiale - Material C 45			Semplici - Simplex				Doppi - Duplex				Tripli - Triplex			
Z	de mm	dp mm	dm mm	D1 mm	A mm	Peso Weight Kg.	dm mm	D1 mm	A mm	Peso Weight Kg.	dm mm	D1 mm	A mm	Peso Weight Kg.
10	22.3	20.55	12	6	15	0.02								
11	24.3	22.54	14	6	15	0.02								
12	26.4	24.53	16	6	15	0.03								
13	28.5	26.53	18	6	15	0.03								
14	30.5	28.53	20	6	15	0.04								
15	32.5	30.55	22	6	15	0.05								
16	34.5	32.55	24	8	15	0.06								
17	36.5	34.55	26	8	15	0.07								
18	38.5	36.56	28	8	15	0.08								
19	40.5	38.58	30	8	15	0.09								
20	42.5	40.58	32	8	15	0.10								
21	44.6	42.60	34	8	15	0.11								
22	46.6	44.62	36	8	15	0.12								
23	48.6	46.63	38	8	15	0.14								
24	50.6	48.64	40	8	18	0.18								
25	52.6	50.66	42	8	18	0.20								
27	56.6	54.69	46	10	18	0.22								
28	58.7	56.71	48	10	18	0.25								
30	62.7	60.75	48	10	18	0.27								
32	66.7	64.78	50	12	18	0.29								
34	70.8	68.82	50	12	18	0.28								
35	72.8	70.84	50	12	18	0.30								
36	74.8	72.85	50	12	18	0.31								



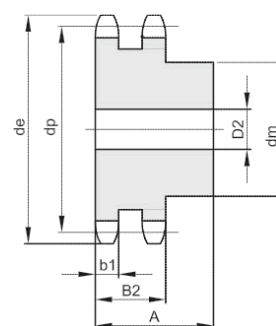
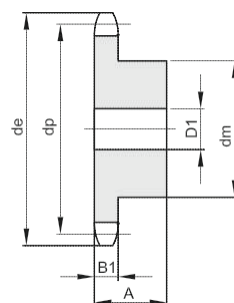
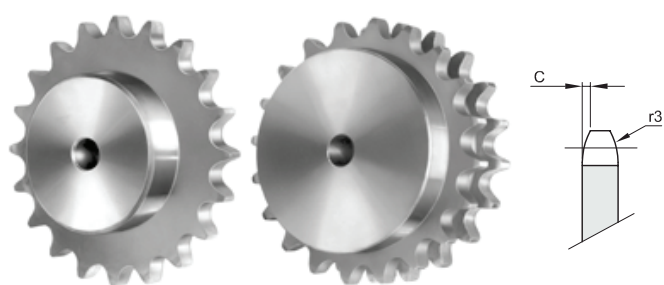
ASA 35 - 06C - 1 - 2 rullo 5,08 mm - Dimensioni - Dimensions - B1=4.3 / B2=14.3 / b1=4.1 / C=1.2 / r3=10															
Materiale - Material C 45			Semplici - Simplex				Doppi - Douplex				Tripli - Triplex				
Z	de mm	dp mm	dm mm	D1 mm	A mm	Peso Weight Kg.	dm mm	D1 mm	A mm	Peso Weight Kg.	dm mm	D1 mm	A mm	Peso Weight Kg.	
9	31.5	27.85	18	8	20	0.05	-	-	-	-					
10	34.5	30.82	20	8	20	0.05	-	-	-	-					
11	37.5	33.80	22	8	25	0.08	-	-	-	-					
12	40.5	36.80	25	8	25	0.10	-	-	-	-					
13	43.5	39.80	28	8	25	0.12	28	10	30	0.16					
14	46.5	42.80	31	8	25	0.15	31	10	30	0.19					
15	49.5	45.81	34	8	25	0.19	34	10	30	0.23					
16	52.5	48.82	37	10	28	0.24	37	12	30	0.27					
17	55.5	51.83	40	10	28	0.28	40	12	30	0.31					
18	58.6	54.85	43	10	28	0.32	43	12	30	0.36					
19	61.6	57.87	45	10	28	0.36	46	12	30	0.42					
20	64.6	60.89	46	10	28	0.38	-	-	-	-					
21	67.6	63.91	48	12	28	0.41	52	16	30	0.51					
22	70.6	66.93	50	12	28	0.45	55	16	30	0.57					
23	73.7	69.95	52	12	28	0.49	58	16	30	0.64					
24	76.7	72.97	54	12	28	0.54	61	16	30	0.71					
25	79.7	76.00	57	12	28	0.60	64	16	30	0.78					
27	85.7	82.04	60	12	28	0.67	70	16	30	0.94					
28	88.8	85.07	60	12	28	0.68	73	16	30	1.02					
29	91.8	88.09	60	12	28	0.70	-	-	-	-					
30	94.8	91.12	60	12	30	0.72	-	-	-	-					
32	100.9	97.17	65	14	30	0.86	80	16	30	1.31					
34	106.9	103.23	65	14	30	0.92	80	16	30	1.42					
35	110.0	106.26	65	14	30	0.94	80	16	30	1.48					
36	113.0	109.29	70	16	30	1.05	90	16	30	1.69					
37	116.0	112.32	70	16	30	1.09	-	-	-	-					
38	119.0	115.34	70	16	30	1.08	-	-	-	-					
40	125.1	121.40	70	16	30	1.10	90	16	30	1.90					

Pignoni per Catene a Rulli ASA

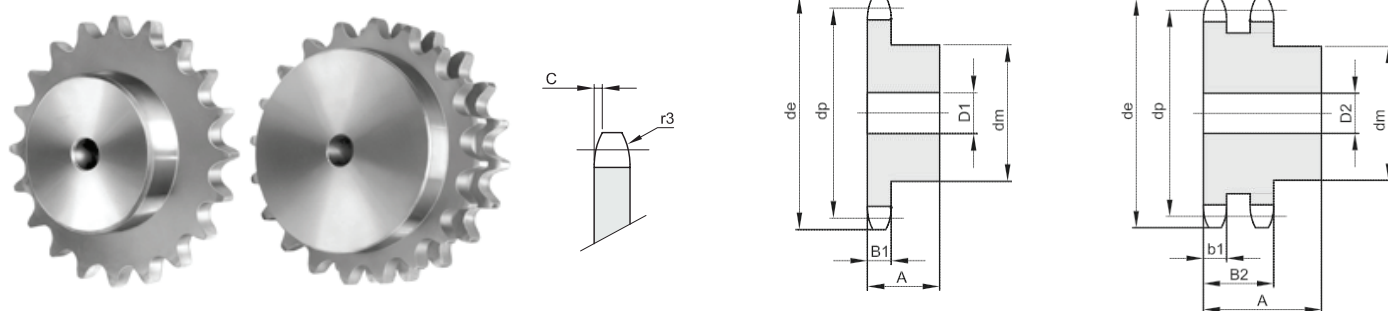
Sprockets for ASA Roller Chains



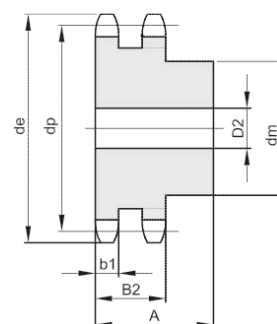
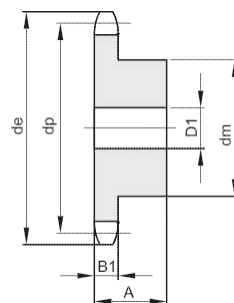
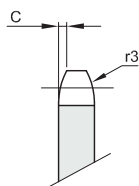
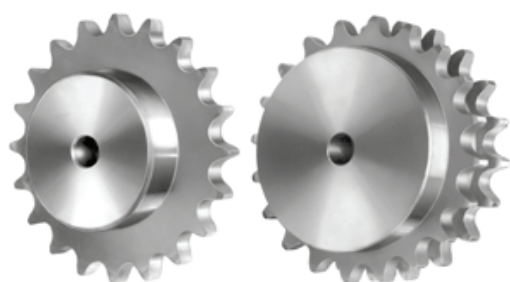
ASA 40 - 08A - 1 - 2 rullo 7,95 mm - Dimensioni - Dimensions - B1=7.2 / B2=21.4 / b1=7 / C=1.6 / r3=13.5														
Materiale - Material C 45			Semplici - Simplex				Doppi - Duplex				Tripli - Triplex			
Z	de mm	dp mm	dm mm	D1 mm	A mm	Peso Weight Kg.	dm mm	D1 mm	A mm	Peso Weight Kg.	dm mm	D1 mm	A mm	Peso Weight Kg.
9	43.2	37.13	24	10	25	0.09	-	-	-	-				
10	47.2	41.10	26	10	25	0.12	28	10	32	0.19				
11	51.2	45.07	29	10	25	0.14	-	-	-	-				
12	55.2	49.07	33	10	28	0.20	35	12	35	0.29				
13	59.2	53.06	37	10	28	0.26	38	12	35	0.35				
14	63.2	57.07	41	10	28	0.32	42	12	35	0.43				
15	67.2	61.09	45	10	28	0.38	46	12	35	0.52				
16	71.2	65.10	50	12	28	0.45	50	16	38	0.62				
17	75.2	69.11	52	12	28	0.50	54	16	38	0.73				
18	79.2	73.14	56	12	28	0.58	-	-	-	-				
19	83.3	77.16	60	12	28	0.67	62	16	38	0.97				
20	87.3	81.19	64	12	28	0.77	-	-	-	-				
21	91.3	85.22	68	14	28	0.84	70	16	40	1.28				
22	95.4	89.24	70	14	28	0.91	70	16	40	1.37				
23	99.4	93.27	70	14	28	0.94	70	16	40	1.46				
24	103.4	97.29	70	14	28	0.97	75	16	40	1.63				
25	107.4	101.33	70	14	28	1.01	80	16	40	1.82				
26	111.5	105.36	70	16	30	1.09	85	16	40	2.01				
27	115.5	109.40	70	16	30	1.13	85	16	40	2.12				
28	119.5	113.42	70	16	30	1.16	90	16	40	2.33				
29	123.6	117.46	80	16	30	1.41	-	-	-	-				
30	127.6	121.50	80	16	30	1.46	100	16	40	2.79				
32	135.7	129.56	90	16	30	1.78	-	-	-	-				
34	143.8	137.64	90	16	30	1.87	-	-	-	-				
35	147.8	141.68	90	16	30	1.92	100	16	40	3.40				
36	151.8	145.72	90	16	35	2.21	-	-	-	-				
38	159.9	153.80	90	16	35	2.32	-	-	-	-				
39	163.9	157.83	90	16	35	2.37	-	-	-	-				
40	168.0	161.87	90	16	35	2.43	-	-	-	-				



ASA 50 - 10A - 1 - 2 rullo 10,16 mm - Dimensioni - Dimensions - B1=8.7 / B2=26.5 / b1=8.4 / C=2 / r3=17															
Materiale - Material C 45			Semplici - Simplex				Doppi - Douplex				Tripli - Triplex				
Z	de mm	dp mm	dm mm	D1 mm	A mm	Peso Weight Kg.	dm mm	D1 mm	A mm	Peso Weight Kg.	dm mm	D1 mm	A mm	Peso Weight Kg.	
8	48.4	41.48	25	10	25	0.11	-	-	-	-					
9	53.3	46.42	30	10	25	0.16	-	-	-	-					
10	58.3	51.37	35	10	25	0.22	35	12	40	0.37					
11	63.2	56.34	37	12	30	0.29	-	-	-	-					
12	68.2	61.34	42	12	30	0.37	44	16	40	0.54					
13	73.2	66.32	47	12	30	0.46	49	16	40	0.67					
14	78.2	71.34	52	12	30	0.56	54	16	40	0.82					
15	83.2	76.36	57	12	30	0.67	59	16	40	0.97					
16	88.3	81.37	60	12	30	0.75	64	16	45	1.25					
17	93.3	86.39	60	12	30	0.87	69	16	45	1.45					
18	98.3	91.42	70	14	30	1.00	-	-	-	-					
19	103.3	96.45	70	14	30	1.15	79	16	45	1.67					
20	108.4	101.49	75	14	30	1.20	84	16	45	2.14					
21	113.4	106.52	75	16	30	1.35	85	16	45	2.27					
22	118.4	111.55	80	16	30	1.40	90	16	45	2.54					
23	123.5	116.58	80	16	30	1.47	95	16	45	2.81					
24	128.5	121.62	80	16	30	1.53	100	16	45	3.11					
25	133.6	126.66	80	16	30	1.60	105	16	45	3.14					
26	138.6	131.70	85	20	35	1.96	110	20	45	3.74					
27	143.6	136.75	85	20	35	2.03	110	20	45	3.94					
28	148.7	141.78	90	20	35	2.25	115	20	45	4.28					
29	153.7	146.83	90	20	35	2.33	-	-	-	-					

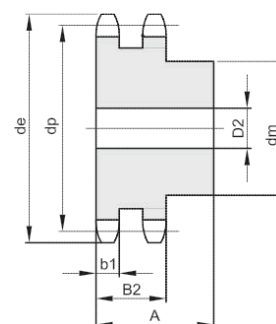
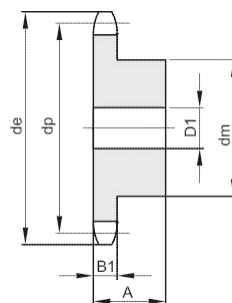


ASA 50 - 10A - 1 - 2 rullo 10,16 mm - Dimensioni - Dimensions - B1=8.7 / B2=26.5 / b1=8.4 / C=2 / r3=17														
Materiale - Material C 45			Semplici - Simplex				Doppi - Duplex				Tripli - Triplex			
Z	de mm	dp mm	dm mm	D1 mm	A mm	Peso Weight Kg.	dm mm	D1 mm	A mm	Peso Weight Kg.	dm mm	D1 mm	A mm	Peso Weight Kg.
30	158.8	151.87	90	20	35	2.41	-	-	-	-				
31	163.8	156.92	95	20	35	2.64	-	-	-	-				
32	168.9	161.95	95	20	35	2.73	-	-	-	-				
33	173.9	167.00	95	20	35	2.82	-	-	-	-				
34	178.9	172.05	95	20	35	2.91	-	-	-	-				
35	184.0	177.10	95	20	35	3.01	-	-	-	-				
36	189.0	182.15	100	20	35	3.26	-	-	-	-				
37	194.1	187.20	100	20	35	3.36	-	-	-	-				
38	199.1	192.24	100	20	35	3.47	-	-	-	-				
39	204.2	197.29	100	20	35	3.57	-	-	-	-				
40	209.2	202.34	100	20	35	3.68	-	-	-	-				

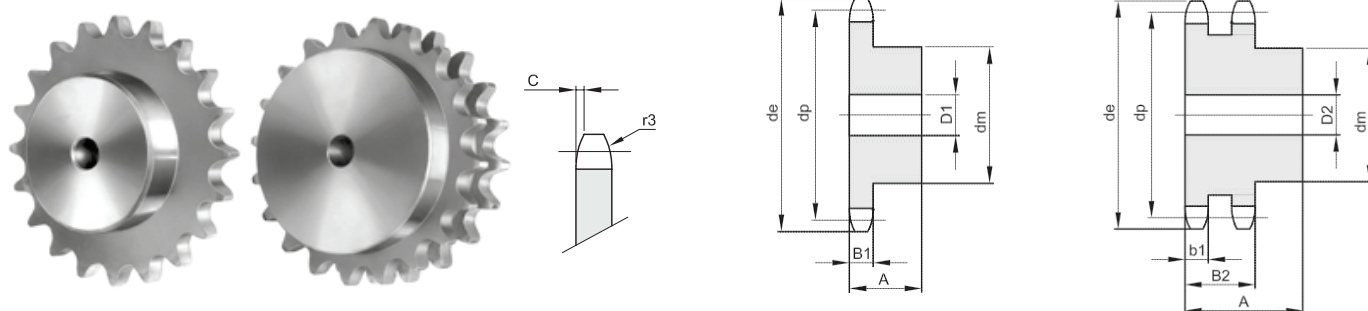


ASA 60 - 12A - 1 - 2 rullo 11,91 mm - Dimensioni - Dimensions - B1=11.6 / B2=34.1 / b1=11.3 / C=2.4 / r3=20

Materiale - Material C 45		Semplici - Simplex					Doppi - Duplex				Tripli - Triplex			
Z	de mm	dp mm	dm mm	D1 mm	A mm	Peso Weight Kg.	dm mm	D1 mm	A mm	Peso Weight Kg.	dm mm	D1 mm	A mm	Peso Weight Kg.
8	58.1	49.78												
9	64.0	55.70												
10	70.0	61.64	42	12	30	0.38	42	16	45	0.58				
11	76.0	67.61	46	16	35	0.50	47	16	50	0.80				
12	81.9	73.60	52	16	35	0.64	53	16	50	1.01				
13	87.9	79.59	58	16	35	0.80	59	16	50	1.24				
14	94.0	85.61	64	16	35	0.97	65	16	50	1.45				
15	100.0	91.63	70	16	35	1.16	71	16	50	1.73				
16	106.0	97.65	75	16	35	1.34	77	20	50	2.03				
17	112.0	103.67	80	16	35	1.53	83	20	50	2.35				
18	118.0	109.71	80	16	35	1.61	89	20	50	2.70				
19	124.1	115.75	80	16	35	1.70	95	20	50	3.06				
20	130.1	121.78	80	16	35	1.84	100	20	50	3.45				
21	136.2	127.82	90	20	40	2.35	100	20	50	3.69				
22	142.2	133.86	90	20	40	2.45	100	20	50	3.96				
23	148.2	139.90	90	20	40	2.56	110	20	50	4.50				
24	154.3	145.94	90	20	40	2.67	110	20	50	4.81				
25	160.3	152.00	90	20	40	2.79	120	20	50	5.40				
26	166.4	158.04	95	20	40	3.08	120	20	50	5.73				
27	172.4	164.09	95	20	40	3.21	-	-	-	-				
28	178.5	170.13	95	20	40	3.34	120	20	50	6.43				
29	184.5	176.19												



ASA 60 - 12A - 1 - 2 rullo 11,91 mm - Dimensioni - Dimensions - B1=11.6 / B2=34.1 / b1=11.3 / C=2.4 / r3=20														
Materiale - Material C 45			Semplici - Simplex				Doppi - Duplex				Tripli - Triplex			
Z	de mm	dp mm	dm mm	D1 mm	A mm	Peso Weight Kg.	dm mm	D1 mm	A mm	Peso Weight Kg.	dm mm	D1 mm	A mm	Peso Weight Kg.
30	190.6	182.25	95	20	40	3.62	120	20	50	7.18				
31	196.6	188.31												
32	202.7	194.35	95	20	40	3.92								
33	208.8	200.40												
34	214.8	206.46	95	20	40	4.25								
35	220.9	212.52	95	20	40	4.41								
36	226.9	218.58	95	20	40	4.71								
37	233.0	224.64												
38	239.0	230.69	100	20	40	5.07								
39	245.1	236.75												
40	251.1	242.81	100	20	40	5.45								

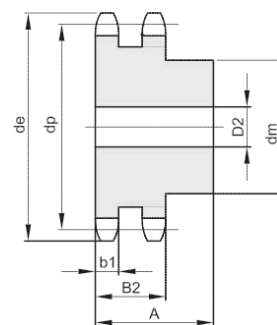
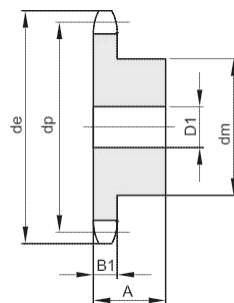


ASA 80 - 16A - 1 - 2 rullo 15,88 mm - Dimensioni - Dimensions - B1=14.6 / B2=43.4 / b1=14.1 / C=3.2 / r3=27

Materiale - Material C 45		Semplici - Simplex					Doppi - Duplex				Tripli - Triplex			
Z	de mm	dp mm	dm mm	D1 mm	A mm	Peso Weight Kg.	dm mm	D1 mm	A mm	Peso Weight Kg.	dm mm	D1 mm	A mm	Peso Weight Kg.
8	77.9	66.37	42	16	35	0.47	-	-	-	-				
9	85.8	74.27	50	16	35	0.65	-	-	-	-				
10	93.8	82.19	55	16	35	0.82	-	-	-	-				
11	101.7	90.14	61	16	40	1.13	-	-	-	-				
12	109.7	98.14	69	16	40	1.42	-	-	-	-				
13	117.7	106.12	78	16	40	1.77	80	20	70	3.22				
14	125.7	114.15	84	16	40	2.07	88	20	70	3.82				
15	133.7	122.17	92	16	40	2.46	96	20	70	4.51				
16	141.8	130.20	100	20	45	3.13	104	20	70	5.17				
17	149.8	138.22	100	20	45	3.34	112	20	70	5.97				
18	157.8	146.28	100	20	45	3.55	120	20	70	6.84				
19	165.9	154.33	100	20	45	3.78	128	20	70	7.75				
20	173.9	162.38	100	20	45	4.02	130	20	70	8.43				
21	182.0	170.43	110	20	50	5.01	-	-	-	-				
22	190.1	178.48	110	20	50	5.26	-	-	-	-				
23	198.1	186.53	110	20	50	5.56	-	-	-	-				
24	206.2	194.59	110	20	50	5.85	-	-	-	-				
25	214.2	202.66	110	20	50	6.16	-	-	-	-				
26	222.3	210.72	120	20	50	6.96	-	-	-	-				
27	230.4	218.79	120	20	50	7.29	-	-	-	-				
28	238.4	226.85	120	20	50	7.64	-	-	-	-				
29	246.5	234.92	120	20	50	7.78	-	-	-	-				
30	254.6	243.00	120	20	50	7.96	-	-	-	-				
34	286.9	275.28	120	25	50	9.92	-	-	-	-				
35	294.9	283.36	120	25	50	10.36	-	-	-	-				
38	319.2	307.59	120	25	50	11.75	-	-	-	-				

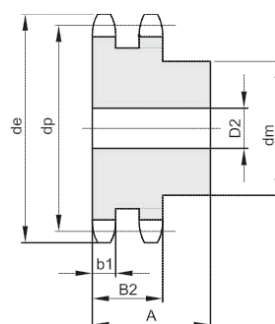
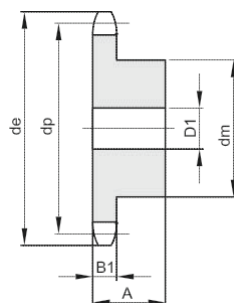
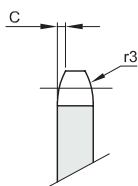
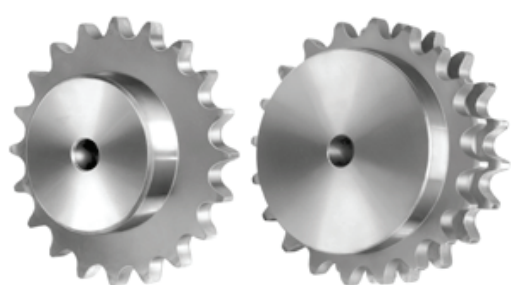
Pignoni per Catene a Rulli ASA

Sprockets for ASA Roller Chains



ASA 100 - 20A - 1 rullo 19,05 mm - Dimensioni - Dimensions - B1=17.6 / C=4 / r3=33.5

Materiale - Material C 45			Semplici - Simplex				Doppi - Duplex				Tripli - Triplex			
Z	de mm	dp mm	dm mm	D1 mm	A mm	Peso Weight Kg.	dm mm	D1 mm	A mm	Peso Weight Kg.	dm mm	D1 mm	A mm	Peso Weight Kg.
8	96.0	82.96	53	20	40	0.85								
9	106.5	92.84	63	20	40	1.18								
10	117.0	102.74	70	20	40	1.57								
11	127.0	112.68	77	20	45	2.04								
12	137.0	122.68	88	20	45	2.58								
13	147.5	132.65	98	20	45	3.15								
14	157.6	142.68	108	20	45	3.78								
15	167.7	152.72	118	20	45	4.47								
16	177.7	162.75	120	25	50	5.25								
17	187.7	172.78	120	25	50	5.61								
18	197.8	182.85	120	25	50	5.99								
19	207.9	192.91	120	25	50	6.40								
20	217.9	202.98	120	25	50	6.82								
21	228.0	213.04	140	25	55	8.79								
22	238.1	223.11	140	25	55	9.27								
23	248.2	233.17	140	25	55	9.77								
24	258.3	243.23	140	25	55	10.30								
25	268.4	253.33	140	25	55	10.85								

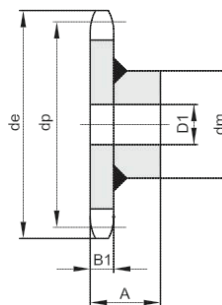
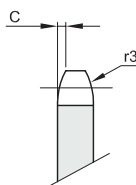


ASA 120 - 24A - 1 rullo 22,23 mm - Dimensioni - Dimensions - B1=23.5 / C=4.8 / r3=40.5

Materiale - Material C 45		Semplici - Simplex					Doppi - Douplex				Tripli - Triplex			
Z	de mm	dp mm	dm mm	D1 mm	A mm	Peso Weight Kg.	dm mm	D1 mm	A mm	Peso Weight Kg.	dm mm	D1 mm	A mm	Peso Weight Kg.
10	137.0	123.29	80	20	45	2.67								
11	149.0	135.21	90	25	50	3.45								
12	161.0	147.22	102	25	50	4.26								
13	173.0	159.18	114	25	50	5.22								
14	185.0	171.22	128	25	50	6.29								
15	197.0	183.26	132	25	50	7.05								
16	209.0	195.30	136	25	55	8.41								
17	221.0	207.34	140	25	55	9.26								
18	233.0	219.42	140	25	55	9.95								
20	257.5	243.57	140	25	55	11.56								
25	319.0	304.00	150	30	60	17.70								
35	440.0	425.04	150	30	60	30.01								

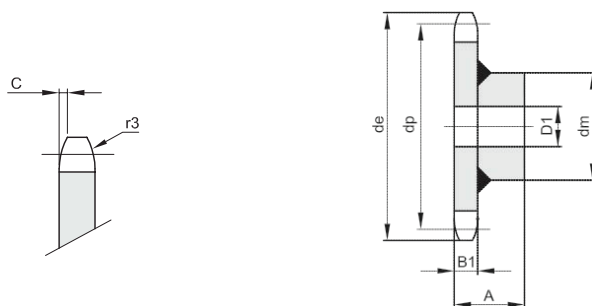
ASA 140 - 28A - 1 rullo 25,4 mm - Dimensioni - Dimensions - B1=23.5 / C=5.8 / r3=47.5

Materiale - Material C 45		Semplici - Simplex					Doppi - Douplex				Tripli - Triplex			
Z	de mm	dp mm	dm mm	D1 mm	A mm	Peso Weight Kg.	dm mm	D1 mm	A mm	Peso Weight Kg.	dm mm	D1 mm	A mm	Peso Weight Kg.
10	160.0	143.85	100	25	70	5.23								
11	174.0	157.77	112	25	70	6.53								
12	188.0	171.74	125	25	70	8.02								
13	204.0	185.75	125	25	70	8.72								
14	218.0	199.76	125	25	70	9.46								
16	246.0	227.84	160	30	75	14.65								
17	260.0	241.90	160	30	75	15.50								



PASSO 50 - RULLO 25 mm - Dimensioni - Dimensions - B1=10.5 / C=3 / r3=50						
Materiale - Material - Fe						
Z	de mm	dp mm	dm mm	D1 mm	A mm	Peso Weight Kg.
6	121.0	100.00	58	20	40.5	1.11
7	136.0	115.24	58	20	40.5	1.37
8	151.5	130.65	58	20	40.5	1.55
9	167.0	146.20	58	20	40.5	1.89
10	183.0	161.80	88	25	45.5	3.10
11	198.5	177.50	88	25	45.5	3.44
12	214.0	193.20	88	25	45.5	3.79
13	230.0	208.95	88	25	45.5	4.17
14	245.5	224.70	88	25	45.5	4.63
15	261.5	240.45	88	25	45.5	5.09
16	277.5	256.30	118	30	60.5	8.26
17	293.0	272.11	118	30	60.5	9.10
18	309.0	287.95	118	30	60.5	9.26
19	325.0	303.80	118	30	60.5	10.32
20	340.5	319.60	118	30	60.5	10.42
21	356.6	335.45	118	30	60.5	11.71
22	372.	351.35	118	30	60.5	12.20
23	388.0	367.20	118	30	60.5	12.47
24	404.0	383.05	118	30	60.5	13.00
25	420.0	398.95	118	20	60.5	13.98
28	467.5	446.55	133	30	62.0	18.62
30	499.5	478.35	133	30	62.0	20.29
35	579.0	557.80	133	30	62.0	24.57
38	626.5	605.45	133	30	62.0	26.97

PASSO 50 - RULLO 31 mm - Dimensioni - Dimensions - B1=13.5 / C=3 / r3=50						
Materiale - Material - Fe						
Z	de mm	dp mm	dm mm	D1 mm	A mm	Peso Weight Kg.
6	120.0	100.00	58	20	43.5	1.18
7	135.0	115.24	58	20	43.5	1.44
8	150.5	130.65	58	20	43.5	1.72
9	166.0	146.20	58	20	43.5	2.05
10	182.0	161.80	88	25	48.5	3.40
11	197.5	177.50	88	25	48.5	3.80
12	213.0	193.20	88	25	48.5	4.30
13	229.0	208.95	88	25	48.5	4.78
14	244.5	224.70	88	25	48.5	5.37
15	260.5	240.45	88	25	48.5	5.98
16	276.5	256.30	118	30	63.5	9.05
17	292.0	272.11	118	30	63.5	9.60
18	308.0	287.95	118	30	63.5	10.30
19	324.0	303.80	118	30	63.5	11.10
20	339.5	319.60	118	30	63.5	11.90
21	355.5	335.45	118	30	63.5	12.75
22	371.5	351.35	118	30	63.5	13.54
23	387.0	367.20	118	30	63.5	14.38
24	403.0	383.05	118	30	63.5	15.35
25	419.0	398.95	118	30	63.5	16.40
26	435.0	414.80	133	30	65.0	18.81
28	466.5	446.55	133	30	65.0	21.00
30	498.5	478.35	133	30	65.0	23.42
32	530.0	510.10	133	30	65.0	25.93
38	625.5	605.45	133	30	65.0	32.10



PASSO 50,8 - RULLO 30 mm - Dimensioni - Dimensions - B1=8.8 / C=3 / r3=50

Materiale - Material - Fe						
Z	de mm	dp mm	dm mm	D1 mm	A mm	Peso Weight Kg.
8	149.0	132.74	58	20	39	1.35
10	182.0	164.39	88	20	44	2.85
12	214.0	196.27	88	25	44	3.37
14	247.0	228.29	88	25	44	4.08
16	279.0	260.39	118	30	59	7.34

PASSO 75 - RULLO 25 mm - Dimensioni - Dimensions - B1=10.5 / C=3 / r3=50

Materiale - Material - Fe						
Z	de mm	dp mm	dm mm	D1 mm	A mm	Peso Weight Kg.
8	211.0	195.98	88	25	45.5	4.07
10	258.0	242.70	118	25	60.5	7.87

PASSO 75 - RULLO 31 mm - Dimensioni - Dimensions - B1=13.5 / C=3 / r3=50

Materiale - Material - Fe						
Z	de mm	dp mm	dm mm	D1 mm	A mm	Peso Weight Kg.
6	168.0	150.00	88	25	48.5	3.26
8	215.0	195.98	88	25	48.5	4.52
9	238.0	219.30	88	25	48.5	5.36
10	261.0	242.70	118	30	63.5	8.70
11	286.0	266.25	118	30	63.5	9.60
12	309.0	289.80	118	30	63.5	10.73
13	333.0	313.42	118	30	63.5	11.83
14	357.0	337.05	118	30	63.5	13.15
15	380.0	360.73	118	30	63.5	14.45
16	404.0	384.45	133	30	65.0	17.43
20	499.0	479.40	133	30	65.0	23.80
21	523.0	503.17	133	30	65.0	26.07

PASSO 100 - RULLO 31 mm - Dimensioni - Dimensions - B1=13.5 / C=3 / r3=50

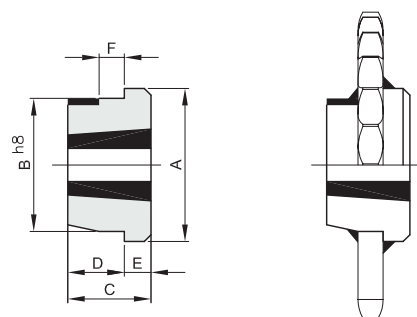
Materiale - Material - Fe						
Z	de mm	dp mm	dm mm	D1 mm	A mm	Peso Weight Kg.
6	218.00	200.00	88	25	48.5	4.80
7	249.0	230.48	88	25	48.5	5.80
8	280.0	261.31	118	30	63.5	9.67
9	311.0	292.40	118	30	63.5	10.95
10	342.0	323.61	118	30	63.5	12.63
11	375.0	354.95	118	30	63.5	14.34
12	406.0	386.40	118	30	63.5	16.51
13	437.0	417.90	118	30	63.5	18.51
14	469.0	449.40	118	30	63.5	20.93
15	500.0	480.97	118	30	63.5	23.42
16	532.0	512.60	133	30	65.0	27.16

PASSO 100 - RULLO 40 mm - Dimensioni - Dimensions - B1=20 / C=3 / r3=50

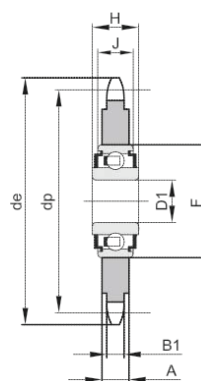
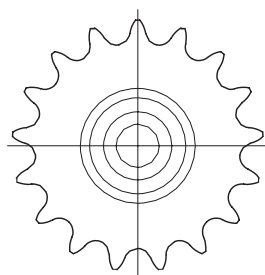
Materiale - Material - Fe						
Z	de mm	dp mm	dm mm	D1 mm	A mm	Peso Weight Kg.
6	220.0	200.00	118	25	70	8.64
7	251.0	230.48	118	25	70	10.20
8	283.0	261.31	118	30	70	11.97
9	314.0	292.40	118	30	70	14.04
10	345.0	323.61	118	30	70	16.35
11	378.0	354.95	118	30	70	18.82
12	409.0	386.40	118	30	70	21.58
13	441.0	417.90	118	30	70	25.00

Mozzi saldabili per Bussola Conica Weld-On Hubs for Taper Bushes

K.S.F.®
Power Transmission



Materiale - Material - Fe			Dimensioni - Dimension					
Codice Code	Bussola Taper Bushes	A mm	B mm	C mm	D mm	E mm	F mm	Peso Weight Kg.
KMSC	1210	73	60	25	16	9	10	0.31
KMSC	1215	73	60	38	22	16	11	0.50
KMSC	1610	83	70	25	16	9	10	0.37
KMSC	1615	83	70	38	22	16	11	0.60
KMSC	2012	96	90	32	22	10	12	0.72
KMSC	2517	127	110	45	26	19	13	1.80
KMSC	3020	152	130	51	27	24	18	2.59
KMSC	3030	152	130	76	51	25	19	3.55
KMSC	3525	184	155	65	40	25	25	7.30
KMSC	3535	184	155	89	57	32	25	6.40
KMSC	4040	225	195	102	70	32	35	13.22
KMSC	4545	254	220	114	76	38	40	19.30
KMSC	5050	276	242	127	89	38	40	24.52



Materiale - Material - C 45			Dimensioni - Dimension								
Z	Passo Tread	ISO	De mm	Dp mm	B1 mm	A mm	D1 mm	F mm	H mm	J mm	Peso Weight Kg.
23	8x1/8"	05B-1	62.2	58.75	2.8	7.0	16	40	18.3	12	0.13
21	3/8"x7/32"	06B-1	67.6	63.91	5.3	5.3	16	40	18.3	12	0.15
22	3/8"x7/32"	06B-1	70.6	66.93	5.3	5.3	16	40	18.3	12	0.16
18	1/2"x1/8"	081-1	79.4	73.14	3.0	7.0	16	40	18.3	12	0.18
15	1/2"x3/16"	083-1	67.4	61.09	4.5	7.0	16	40	18.3	12	0.16
16	1/2"x3/16"	083-1	71.4	65.10	4.5	7.0	16	40	18.3	12	0.17
18	1/2"x3/16"	083-1	79.4	73.14	4.5	7.0	16	40	18.3	12	0.20
14	1/2"x5/16"	08B-1	61.9	57.07	7.2	7.2	16	40	18.3	12	0.13
16	1/2"x5/16"	08B-1	69.9	65.10	7.2	7.2	16	40	18.3	12	0.17
18	1/2"x5/16"	08B-1	78.0	73.14	7.2	7.2	16	40	18.3	12	0.22
14	5/8"x3/8"	10B-1	78.2	71.34	9.1	9.1	16	40	18.3	12	0.23
15	5/8"x3/8"	10B-1	83.2	76.36	9.1	9.1	16	40	18.3	12	0.27
17	5/8"x3/8"	10B-1	93.3	86.39	9.1	9.1	16	40	18.3	12	0.36
13	3/4"x7/16"	12B-1	87.8	79.59	11.1	11.1	16	40	18.3	12	0.34
15	3/4"x7/16"	12B-1	99.8	91.63	11.1	11.1	16	40	18.3	12	0.47
12	1"x17,02	16B-1	109.7	98.14	16.2	16.2	20	47	17.7	14	0.72
13	1"x1/4x3/4"	20B-1	147.7	132.67	18.5	18.5	25	52	21.0	15	1.64

I pignoni tendicatena vengono forniti pronti per il montaggio e sono composti da una ruota dentata montata su un cuscinetto a sfere a doppio schermo di protezione che garantisce una maggiore resistenza all'usura.

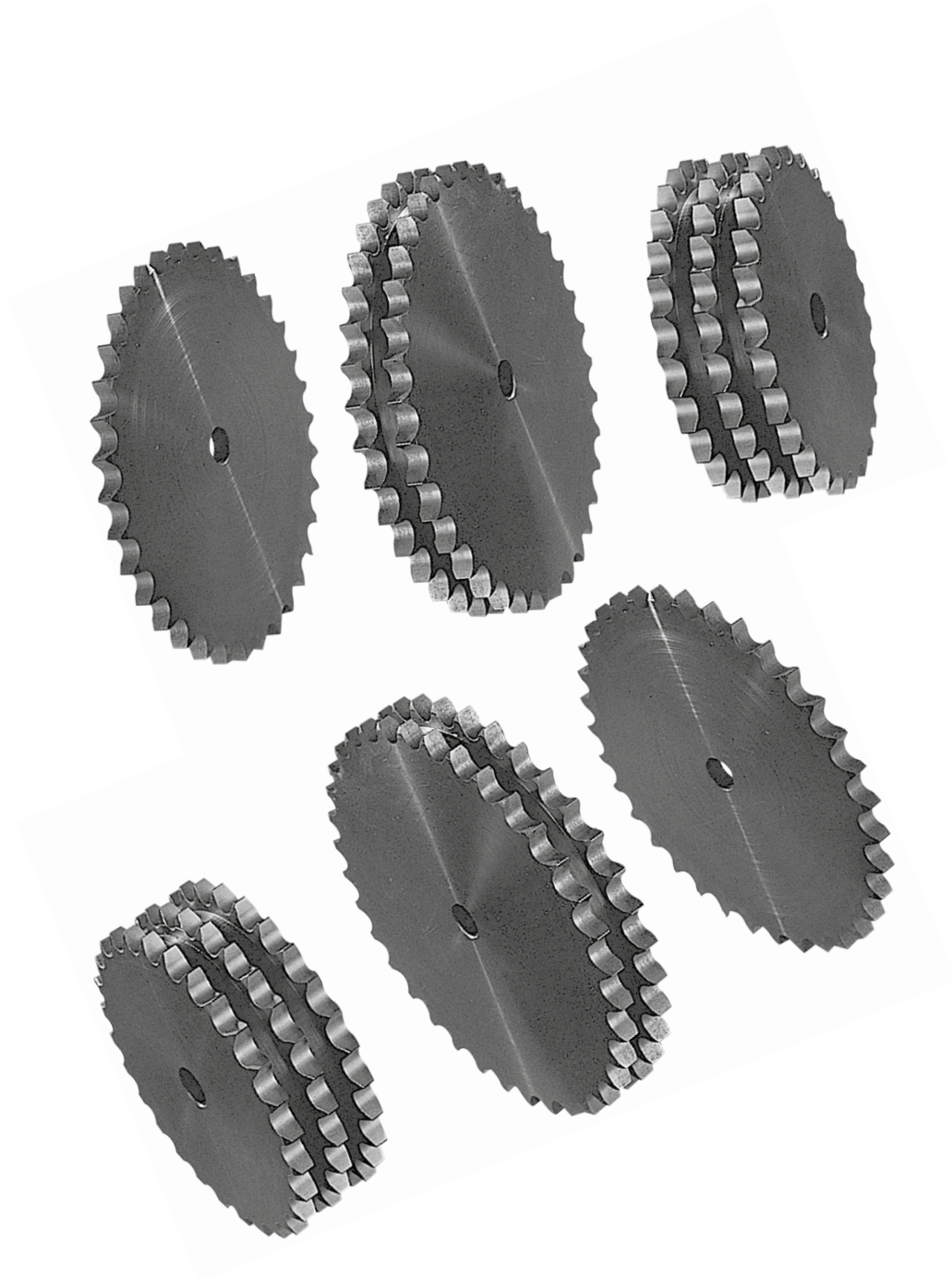
Il cuscinetto a sfere utilizzato non richiede manutenzione e può operare ad una temperatura da -20°C a +120°C.

Le ruote sono in materiale C 45 e dentate secondo le norme DIN 8187 - ISO 606.

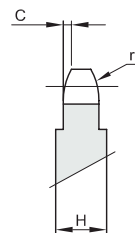
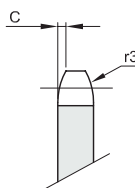
Our chain-stretcher sprockets with ball bearing are supplied ready for mounting and they consist of a toothed wheel mounted on a ball bearing with double protection shield that guarantee a high resistance against break-age and wear.

Bearing requires no maintenance and can operate at a temperature from -20°C to + 120°C.

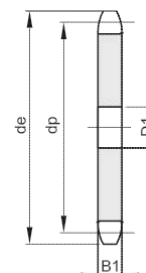
The wheels are in C 45 steel and they are toothed according to DIN 8187 - ISO 606 norme.



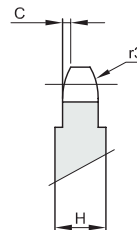
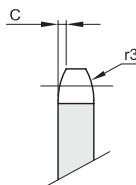
Corone
Plate Wheels



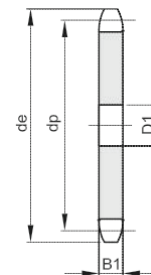
Da Z5 1H = 4 mm



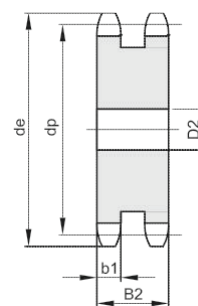
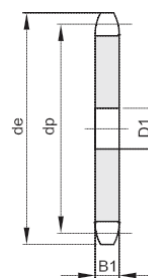
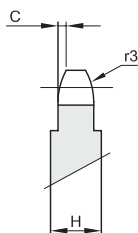
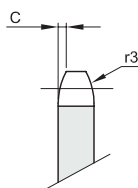
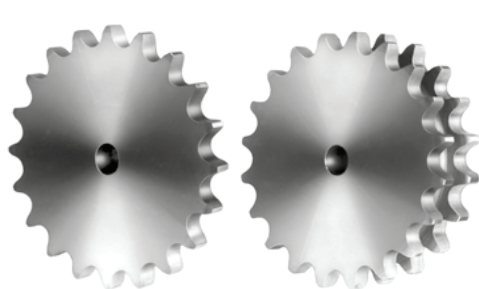
5x2,5 mm - 03-1 rullo 3,2 mm - Dimensioni - Dimensions - B1=2,3 / C=0,4/ r3=5									5x2,5 mm - 03-1 rullo 3,2 mm - Dimensioni - Dimensions - B1=2,3 / C=0,4/ r3=5								
Materiale - Material C 45			Semplici - Simplex		Doppi - Douplex		Tripli - Triplex		Materiale - Material C 45			Semplici - Simplex		Doppi - Douplex		Tripli - Triplex	
Z	de mm	dp mm	D1 mm	Peso Weight Kg.	D2 mm	Peso Weight Kg.	D3 mm	Peso Weight Kg.	Z	de mm	dp mm	D1 mm	Peso Weight Kg.	D2 mm	Peso Weight Kg.	D3 mm	Peso Weight Kg.
8	14.8	13.06	4	0.01					38	62.3	60.54	8	0.05				
9	16.4	14.62	4	0.01					40	65.5	63.73	8	0.05				
10	17.9	16.18	4	0.01					42	68.7	66.91	8	0.06				
11	19.5	17.75	5	0.01					44	71.8	70.09	8	0.07				
12	21.1	19.32	5	0.01					45	73.4	71.68	8	0.07				
13	22.6	20.89	5	0.01					46	75.0	73.27	8	0.07				
14	24.2	22.47	5	0.01					48	78.2	76.45	8	0.06				
15	25.8	24.04	5	0.01					50	81.4	79.63	8	0.08				
16	27.4	25.63	6	0.01					52	84.6	82.81	10	0.17				
17	29.0	27.20	6	0.01					54	87.7	85.97	10	0.18				
18	30.5	28.79	6	0.01					55	89.3	87.58	10	0.19				
19	32.1	30.38	6	0.01					56	90.9	89.17	10	0.20				
20	33.7	31.96	6	0.01					57	92.6	90.76	10	0.20				
21	35.3	33.54	8	0.01					58	94.1	92.35	10	0.21				
22	36.9	35.13	8	0.02					60	97.3	95.53	10	0.23				
23	38.5	36.72	8	0.02					62	100.5	98.72	12	0.24				
24	40.1	38.30	8	0.02					65	105.2	103.49	12	0.27				
25	41.6	39.89	8	0.02					66	106.8	105.08	12	0.28				
26	43.2	41.48	8	0.02					70	113.2	111.44	12	0.31				
27	44.8	43.07	8	0.02					75	121.2	119.40	12	0.36				
28	46.4	44.65	8	0.03					76	122.7	120.99	12	0.37				
30	49.6	47.83	8	0.03					80	129.1	127.35	12	0.41				
32	52.8	51.01	8	0.03					85	137.1	135.31	14	0.46				
33	54.4	52.60	8	0.04					90	145.0	143.27	14	0.52				
34	55.9	54.19	8	0.04					65	153.0	151.22	14	0.58				
35	57.5	55.78	8	0.04					100	160.9	159.18	14	0.65				
36	59.1	57.37	8	0.04					110	176.8	175.09	14	0.79				
37	60.7	58.96	8	0.05					120	192.8	191.01	14	0.95				



Da Z5 1H = 4 mm



6x2,8 mm - 04-1 rullo 4 mm - Dimensioni - Dimensions - B1=2.6 / C=0.6 / r3=6									6x2,8 mm - 04-1 rullo 4 mm - Dimensioni - Dimensions - B1=2.6 / C=0.6 / r3=6								
Materiale - Material C 45			Semplici - Simplex		Doppi - Douplex		Tripli - Triplex		Materiale - Material C 45			Semplici - Simplex		Doppi - Douplex		Tripli - Triplex	
Z	de mm	dp mm	D1 mm	Peso Weight Kg.	D2 mm	Peso Weight Kg.	D3 mm	Peso Weight Kg.	Z	de mm	dp mm	D1 mm	Peso Weight Kg.	D2 mm	Peso Weight Kg.	D3 mm	Peso Weight Kg.
8	18.0	15.67	5	0.01					38	75.0	72.66	10	0.08				
9	19.9	17.54	5	0.01					40	78.9	76.47	10	0.09				
10	21.7	19.42	6	0.01					42	82.7	80.28	12	0.10				
11	23.6	21.30	6	0.01					45	88.5	86.01	12	0.11				
12	25.4	23.18	6	0.01					46	90.4	87.92	12	0.12				
13	27.3	25.05	8	0.01					48	94.2	91.74	12	0.13				
14	29.2	26.96	8	0.01					50	98.0	95.55	12	0.14				
15	31.1	28.86	8	0.01					52	101.8	99.37	12	0.25				
16	33.0	30.76	8	0.01					54	105.6	103.17	12	0.26				
17	35.0	32.65	8	0.01					55	107.6	105.08	12	0.27				
18	36.9	34.55	8	0.02					56	109.5	107.00	12	0.28				
19	38.8	36.44	8	0.02					57	111.4	108.93	12	0.29				
20	40.7	38.44	8	0.02					58	113.3	110.82	12	0.30				
21	42.6	40.25	8	0.02					60	117.5	114.62	12	0.33				
22	44.5	42.16	8	0.02					62	120.9	118.45	16	0.35				
23	46.4	44.06	8	0.03					64	124.7	122.27	16	0.37				
24	48.3	45.96	8	0.03					65	126.6	124.18	16	0.38				
25	50.2	47.87	8	0.03					66	128.5	126.09	16	0.40				
26	52.1	49.77	8	0.03					70	36.2	133.73	16	0.45				
27	54.0	51.67	8	0.04					76	148.1	145.19	16	0.53				
28	55.9	53.58	8	0.04					80	155.3	152.82	16	0.59				
30	59.8	57.42	8	0.05					85	164.8	162.37	16	0.67				
32	63.6	61.21	10	0.05					90	174.4	171.92	16	0.77				
33	65.5	63.11	10	0.06					95	183.9	181.47	16	0.85				
34	67.4	65.02	10	0.06					100	193.5	191.01	16	0.94				
35	69.3	66.93	10	0.07					114	220.2	217.75	16	1.23				
36	71.2	68.84	10	0.07					120	231.7	229.20	16	1.37				
37	73.1	70.75	10	0.07					125	241.2	238.75	16	1.48				

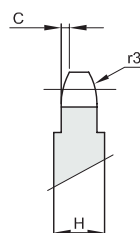
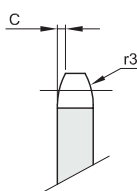
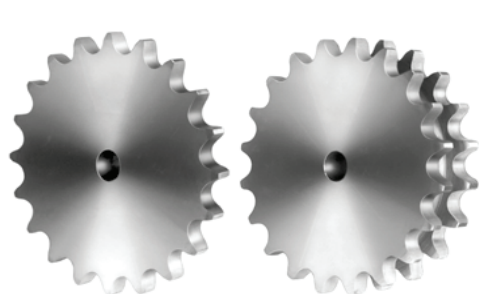


Da Z4 6H = 4 mm

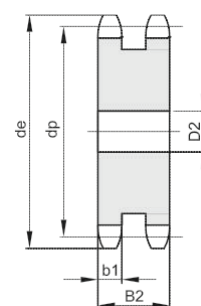
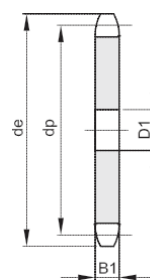
8x3,0 mm - 05B-1 - 2 rullo 5 mm - Dimensioni - Dimensions - B1=2.8 / B2=8.3 / b1=2.7 / C=0.8 / r3=8									8x3,0 mm - 05B-1 - 2 rullo 5 mm - Dimensioni - Dimensions - B1=2.8 / B2=8.3 / b1=2.7 / C=0.8 / r3=8								
Materiale - Material C 45			Semplici - Simplex		Doppi - Douplex		Tripli - Triplex		Materiale - Material C 45			Semplici - Simplex		Doppi - Douplex		Tripli - Triplex	
Z	de mm	dp mm	D1 mm	Peso Weight Kg.	D2 mm	Peso Weight Kg.	D3 mm	Peso Weight Kg.	Z	de mm	dp mm	D1 mm	Peso Weight Kg.	D2 mm	Peso Weight Kg.	D3 mm	Peso Weight Kg.
8	23.4	20.90	6	0.01	8	0.01			33	87.7	84.16	10	0.11	-	-		
9	25.9	23.39	6	0.01	8	0.01			34	90.2	86.70	10	0.12	12	0.34		
10	28.4	25.89	8	0.01	8	0.02			35	92.7	89.24	10	0.13	12	0.36		
11	31.0	28.39	8	0.01	8	0.02			36	95.2	91.79	10	0.13	12	0.38		
12	33.7	30.91	8	0.01	8	0.03			37	97.7	94.33	12	0.14	-	-		
13	36.7	33.42	8	0.01	8	0.04			38	100.2	96.88	12	0.15	12	0.42		
14	39.2	35.95	8	0.02	8	0.05			39	102.7	99.42	12	0.16	-	-		
15	41.7	38.48	8	0.02	8	0.06			40	105.2	101.97	12	0.17	12	0.47		
16	44.2	41.01	8	0.02	10	0.07			41	108.4	104.51	-	-	-	-		
17	46.7	43.53	8	0.03	10	0.08			42	111.0	107.05	12	0.28	-	-		
18	49.2	46.07	8	0.03	10	0.09			43	113.5	109.60	-	-	-	-		
19	51.7	48.61	8	0.03	10	0.10			44	116.1	112.14	12	0.31	-	-		
20	54.2	51.14	8	0.04	-	-			45	118.6	114.69	12	0.32	-	-		
21	57.2	53.67	10	0.04	10	0.13			46	121.2	117.23	12	0.34	16	0.63		
22	59.4	56.21	10	0.05	10	0.14			47	123.7	119.77	-	-	-	-		
23	62.2	58.75	10	0.05	10	0.16			48	125.5	122.32	12	0.37	16	0.69		
24	64.7	61.29	10	0.06	10	0.17			49	128.9	124.86	-	-	-	-		
25	67.2	63.83	10	0.06	10	0.18			50	131.5	127.41	12	0.40	16	0.75		
26	69.7	66.37	10	0.07	12	0.18			51	134.0	129.95	-	-	-	-		
27	72.3	68.01	10	0.07	-	-			52	136.6	132.49	16	0.43	16	0.82		
28	74.7	71.45	10	0.08	12	0.22			53	139.1	135.04	-	-	-	-		
29	77.2	73.99	10	0.09	-	-			54	141.7	137.59	16	0.47	-	-		
30	80.2	76.53	10	0.09	12	0.25			55	144.2	140.13	16	0.49	-	-		
31	82.7	79.08	10	0.10	-	-			56	146.8	142.68	-	-	16	0.96		
32	85.2	81.61	10	0.11	12	0.29			57	149.3	145.22	16	0.53	16	0.99		

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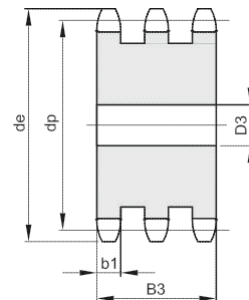
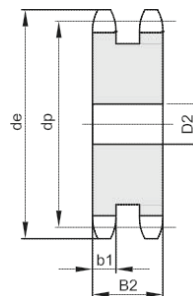
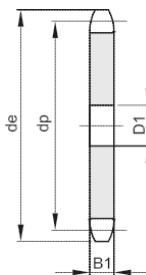
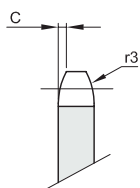
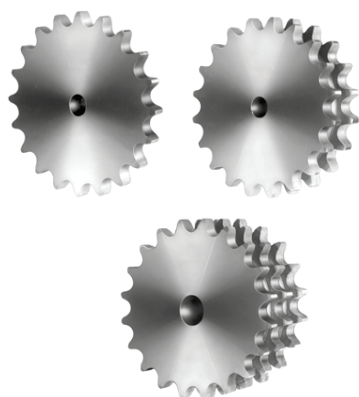
Plate Wheels for Roller Chains



Da Z4 6H = 4 mm



8x3,0 mm - 05B-1 - 2 rullo 5 mm - Dimensioni - Dimensions - B1=2.8 / B2=8.3 / b1=2.7 / C=0.8 / r3=8								
Materiale - Material C 45			Semplici - Simplex		Doppi - Douplex		Tripli - Triplex	
Z	de mm	dp mm	D1 mm	Peso Weight Kg.	D2 mm	Peso Weight Kg.	D3 mm	Peso Weight Kg.
58	151.9	147.77	16	0.55	-	-		
59	154.5	150.31	-	-	-	-		
60	156.0	152.85	16	0.59	16	1.11		
62	162.2	157.95	16	0.63	-	-		
64	167.3	163.04	16	0.67	-	-		
65	169.8	165.58	16	0.69	20	1.30		
66	172.4	168.13	-	-	-	-		
68	177.5	173.22	-	-	-	-		
70	182.6	178.31	16	0.81	-	-		
72	187.7	183.41	-	-	-	-		
75	195.3	191.04	20	0.93	-	-		
76	196.7	193.59	20	0.94	20	1.80		
78	203.0	198.68	-	-	-	-		
80	208.1	203.77	20	1.01	20	2.00		
85	220.8	216.50	20	1.20	-	-		
90	233.6	229.23	20	1.35	-	-		
95	246.3	241.96	20	1.51	-	-		
100	259.1	254.68	20	1.68	-	-		
110	284.6	280.15	-	-	-	-		
114	294.8	290.33	20	2.20	20	4.15		
120	310.1	305.61	20	2.44	-	-		
125	322.8	318.34	20	2.65	-	-		

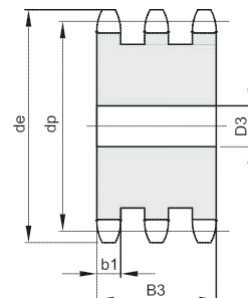
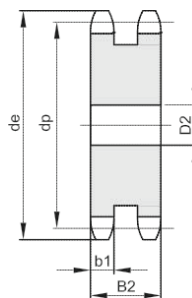
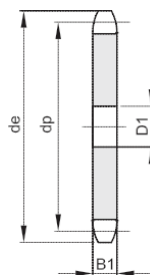
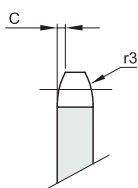
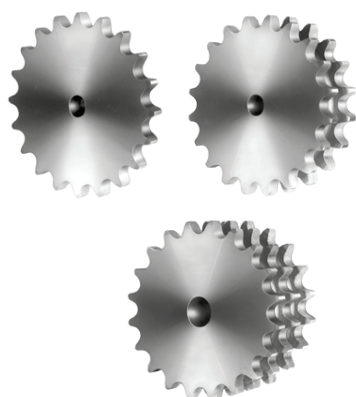


3/8"x7/32" - 06B-1 - 2 - 3 rullo 6,35 mm - Dimensioni - Dimensions - B1=5.3 / B2=15.4 / B3=25.6 / b1=5.2 / C=1 / r3=10									3/8"x7/32" - 06B-1 - 2 - 3 rullo 6,35 mm - Dimensioni - Dimensions - B1=5.3 / B2=15.4 / B3=25.6 / b1=5.2 / C=1 / r3=10								
Materiale - Material C 45		Semplici - Simplex		Doppi - Douplex		Tripli - Triplex		Z	Materiale - Material C 45		Semplici - Simplex		Doppi - Douplex		Tripli - Triplex		Z
de mm	dp mm	D1 mm	Peso Weight Kg.	D2 mm	Peso Weight Kg.	D3 mm	Peso Weight Kg.		de mm	dp mm	D1 mm	Peso Weight Kg.	D2 mm	Peso Weight Kg.	D3 mm	Peso Weight Kg.	
8	28.6	24.89	6	0.01	8	0.03	8	0.04	33	103.9	100.20	12	0.30	16	0.82	-	-
9	31.5	27.85	8	0.02	8	0.04	8	0.06	34	106.9	103.23	12	0.32	16	0.87	16	1.44
10	34.5	30.82	8	0.02	8	0.05	10	0.08	35	110.0	106.26	12	0.34	16	0.93	16	1.53
11	37.5	33.80	8	0.03	10	0.06	12	0.09	36	113.0	109.29	12	0.36	16	0.99	20	1.61
12	40.5	36.80	8	0.03	10	0.08	12	0.12	37	116.0	112.32	12	0.38	16	1.05	-	-
13	43.5	39.80	8	0.04	10	0.10	12	0.15	38	119.0	115.34	12	0.40	16	1.11	20	1.81
14	46.5	42.80	8	0.05	10	0.12	12	0.18	39	122.1	118.37	12	0.43	16	1.18	-	-
15	49.5	45.81	8	0.06	10	0.14	12	0.22	40	125.1	121.40	12	0.45	16	1.24	20	2.02
16	52.5	48.82	10	0.06	12	0.16	12	0.26	41	129.0	124.43	16	0.47	20	1.30	-	-
17	55.5	51.83	10	0.07	12	0.19	12	0.30	42	132.1	127.46	16	0.49	20	1.36	20	2.25
18	58.6	54.85	10	0.08	12	0.21	12	0.35	43	135.1	130.49	16	0.52	20	1.44	-	-
19	61.6	57.87	10	0.09	12	0.24	12	0.39	44	138.1	133.52	16	0.55	20	1.51	20	2.49
20	64.6	60.89	10	0.10	12	0.27	12	0.44	45	141.1	136.54	16	0.57	20	1.58	20	2.61
21	67.6	63.91	10	0.12	12	0.30	16	0.48	46	144.2	139.58	16	0.60	20	1.66	-	-
22	70.6	66.93	10	0.13	12	0.34	16	0.54	47	147.2	142.61	16	0.63	-	-	-	-
23	73.7	69.95	10	0.14	12	0.37	16	0.59	48	150.2	145.64	16	0.65	20	1.82	20	2.99
24	76.7	72.97	10	0.15	12	0.41	16	0.66	49	153.3	148.66	16	0.68	20	1.90	-	-
25	79.7	76.00	10	0.17	12	0.45	16	0.72	50	156.3	151.69	20	0.71	20	1.98	20	3.27
26	82.7	79.02	10	0.18	16	0.48	16	0.79	51	159.3	154.72	20	0.74	20	2.06	-	-
27	85.7	82.04	10	0.20	16	0.53	16	0.86	52	162.4	157.75	20	0.77	20	2.15	-	-
28	88.8	85.07	10	0.21	16	0.57	16	0.93	53	165.4	160.78	20	0.80	20	2.22	-	-
29	91.8	88.09	10	0.23	16	0.62	16	1.01	54	168.4	163.82	20	0.83	20	2.33	-	-
30	94.8	91.12	10	0.25	16	0.66	16	1.09	55	171.4	166.85	20	0.86	20	2.42	-	-
31	97.9	94.15	12	0.26	16	0.71	16	1.17	56	174.5	169.88	20	0.89	20	2.51	-	-
32	100.9	97.17	12	0.28	16	0.77	16	1.26	57	177.5	172.91	20	0.93	20	2.61	25	4.28

Corone per Catene a Rulli

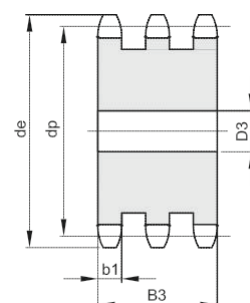
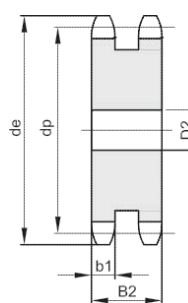
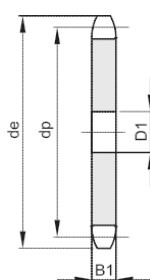
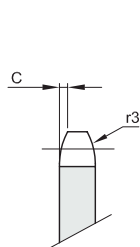
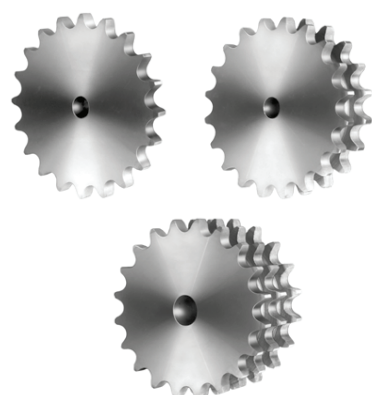
Plate Wheels for Roller Chains

K.S.F.®
Power Transmission



3/8"x7/32" - 06B-1 - 2 - 3 rullo 6,35 mm - Dimensioni - Dimensions - B1=5.3 / B2=15.4 / B3=25.6 / b1=5.2 / C=1 / r3=10

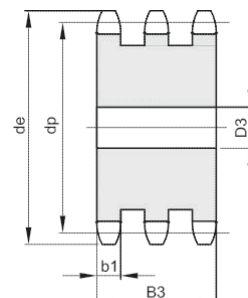
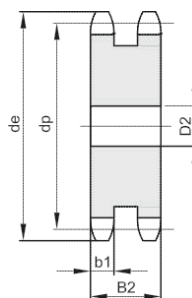
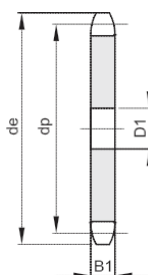
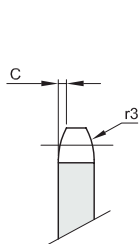
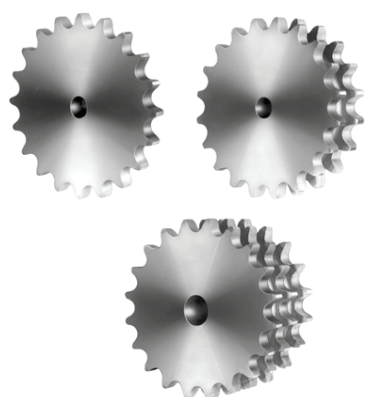
Materiale - Material C 45			Semplici - Simplex		Doppi - Douplex		Tripli - Triplex	
Z	de mm	dp mm	D1 mm	Peso Weight Kg.	D2 mm	Peso Weight Kg.	D3 mm	Peso Weight Kg.
58	180.5	175.93	20	0.96	20	2.71	25	4.44
60	186.6	181.99	20	1.03	20	2.91	25	4.77
62	192.7	188.06	20	1.10	25	3.09	-	-
64	198.7	194.12	20	1.18	25	3.30	25	5.46
65	201.8	197.15	20	1.21	25	3.41	25	5.64
66	204.8	200.18	20	1.25	-	-	25	5.83
68	210.8	206.24	20	1.33	25	3.75	-	-
70	216.9	212.30	20	1.41	25	3.99	25	6.59
72	223.0	218.37	20	1.50	25	4.23	25	6.99
75	232.1	227.46	20	1.63	25	4.60	-	-
76	235.1	230.49	20	1.67	25	4.73	25	7.83
78	241.2	236.55	-	-	25	4.99	-	-
80	247.2	242.61	20	1.86	25	5.26	25	8.71
85	262.4	257.77	25	2.10	25	5.96	25	9.87
90	277.5	272.93	25	2.36	25	6.71	25	11.11
95	292.7	288.08	25	2.63	25	7.50	25	12.42
100	307.8	303.25	25	2.92	25	8.34	25	13.81
110	338.2	333.35	25	3.54	25	10.14	-	-
114	350.3	345.68	25	3.81	25	10.90	25	18.06
120	368.5	363.86	25	4.23	25	12.11	-	-
125	383.6	379.02	25	4.59	25	13.16	25	21.81



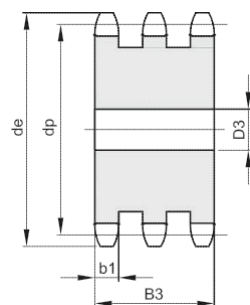
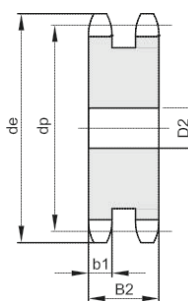
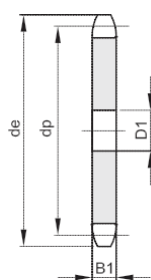
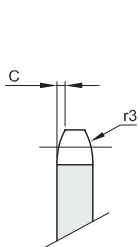
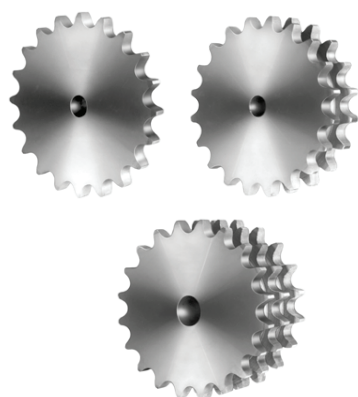
1/2"x5/16" - 08B-1 - 2 - 3 rullo 8,51 mm - Dimensioni - Dimensions - B1=7.2 / B2=21 / B3=34.9 / b1=7 / C=1.3 / r3=13									1/2"x5/16" - 08B-1 - 2 - 3 rullo 8,51 mm - Dimensioni - Dimensions - B1=7.2 / B2=21 / B3=34.9 / b1=7 / C=1.3 / r3=13								
Materiale - Material C 45			Semplici - Simplex		Doppi - Douplex		Tripli - Triplex		Materiale - Material C 45			Semplici - Simplex		Doppi - Douplex		Tripli - Triplex	
Z	de mm	dp mm	D1 mm	Peso Weight Kg.	D2 mm	Peso Weight Kg.	D3 mm	Peso Weight Kg.	Z	de mm	dp mm	D1 mm	Peso Weight Kg.	D2 mm	Peso Weight Kg.	D3 mm	Peso Weight Kg.
8	38.0	33.18	8	0.03	10	0.07	10	0.11	33	138.4	133.60	16	0.73	16	2.02	20	3.30
9	42.0	37.13	8	0.04	10	0.10	10	0.16	34	142.5	137.64	16	0.78	16	2.16	20	3.53
10	45.9	41.10	8	0.06	10	0.13	10	0.21	35	146.5	141.68	16	0.83	16	2.30	20	3.76
11	49.9	45.07	10	0.07	10	0.17	12	0.26	36	150.6	145.72	16	0.88	20	2.42	20	3.99
12	53.9	49.07	10	0.08	10	0.21	12	0.33	37	154.6	149.76	16	0.93	20	2.56	-	-
13	57.9	53.06	10	0.10	12	0.25	12	0.40	38	158.6	153.80	16	0.98	20	2.71	20	4.49
14	61.9	57.07	10	0.12	10	0.30	12	0.48	39	162.7	157.83	16	1.03	20	2.87	-	-
15	65.9	61.09	10	0.14	10	0.36	12	0.57	40	166.7	161.87	16	1.09	20	3.03	20	5.00
16	69.9	65.10	10	0.16	12	0.41	16	0.64	41	172.4	165.91	20	1.14	20	3.20	-	-
17	74.0	69.11	10	0.18	12	0.47	16	0.74	42	176.5	169.95	20	1.20	20	3.36	25	5.51
18	78.0	73.14	10	0.20	12	0.54	16	0.85	43	180.5	173.99	20	1.26	20	3.53	25	5.80
19	82.0	77.16	10	0.23	12	0.61	16	0.97	44	184.6	178.03	20	1.32	20	3.71	25	6.09
20	86.0	81.19	10	0.26	12	0.68	16	1.09	45	188.6	182.07	20	1.38	20	3.89	25	6.39
21	90.1	85.22	12	0.28	16	0.75	16	1.22	46	192.6	186.10	20	1.45	20	4.07	25	6.70
22	94.1	89.24	12	0.31	16	0.83	16	1.36	47	196.7	190.14	20	1.51	-	-	25	7.00
23	98.1	93.27	12	0.34	16	0.92	16	1.50	48	200.7	194.18	20	1.58	20	4.96	25	7.33
24	102.1	97.29	12	0.38	16	1.01	16	1.63	49	204.8	198.22	20	1.65	20	4.66	-	-
25	106.2	101.33	12	0.41	16	1.10	16	1.81	50	208.8	202.26	20	1.72	20	4.86	25	8.00
26	110.2	105.36	16	0.44	16	1.20	16	1.98	51	212.8	206.30	20	1.80	25	5.03	-	-
27	114.2	109.40	16	0.48	16	1.31	16	2.15	52	216.9	210.34	20	1.87	25	5.24	25	8.68
28	118.3	113.42	16	0.52	16	1.42	16	2.33	53	220.9	214.37	20	1.94	25	5.46	-	-
29	122.3	117.46	16	0.56	16	1.53	16	2.52	54	225.0	218.43	20	2.02	25	5.68	25	9.40
30	126.3	121.50	16	0.60	16	1.65	16	2.71	55	229.0	222.46	20	2.10	25	5.90	25	9.77
31	130.4	125.54	16	0.64	16	1.77	-	-	56	233.0	226.50	20	2.17	25	6.13	25	10.15
32	134.4	129.56	16	0.68	16	1.90	20	3.09	57	237.1	230.54	20	2.25	25	6.36	25	10.53

Corone per Catene a Rulli

Plate Wheels for Roller Chains



1/2"x5/16" - 08B-1 - 2 - 3 rullo 8,51 mm - Dimensioni - Dimensions - B1=7.2 / B2=21 / B3=34.9 / b1=7 / C=1.3 / r3=13								
Materiale - Material C 45			Semplici - Simplex		Doppi - Douplex		Tripli - Triplex	
Z	de mm	dp mm	D1 mm	Peso Weight Kg.	D2 mm	Peso Weight Kg.	D3 mm	Peso Weight Kg.
58	241.1	234.58	20	2.34	25	6.59	-	-
60	249.2	242.66	20	2.50	25	7.08	25	11.73
62	257.3	250.75	25	2.67	25	7.60	25	15.56
64	265.4	258.82	25	2.85	25	8.10	-	-
65	269.4	262.86	25	2.94	25	8.36	25	13.86
66	273.4	266.90	25	3.03	-	-	-	-
68	281.5	274.99	25	3.22	25	9.20	25	15.22
70	289.6	283.07	25	3.42	25	9.75	25	16.17
72	297.7	291.16	25	3.62	25	10.33	25	17.14
75	309.8	303.27	25	3.94	25	11.24	25	18.65
76	313.9	307.33	25	4.05	25	11.55	25	19.17
78	321.9	315.40	25	4.27	-	-	-	-
80	330.0	323.48	25	4.50	25	12.90	25	21.82
85	350.2	343.69	25	5.62	25	14.55	25	24.15
90	370.4	363.90	25	6.31	25	16.36	25	27.17
95	390.7	384.11	25	7.05	25	18.28	25	30.36
100	410.9	404.31	25	7.82	25	20.30	25	33.73
110	451.3	444.74	25	9.50	25	24.67	-	-
114	467.4	460.00	25	10.21	25	26.53	25	44.10
120	491.7	485.16	25	11.32	25	29.46	-	-
125	511.0	505.37	25	12.31	25	32.00	25	55.21

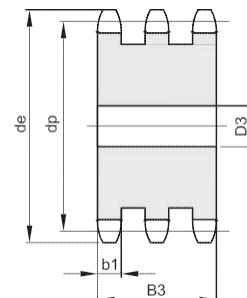
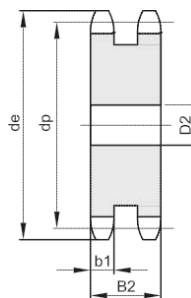
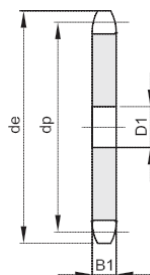
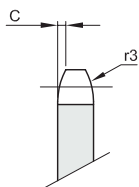
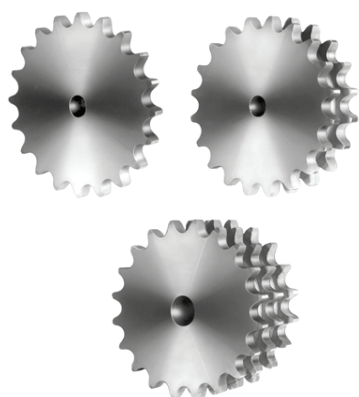


5/8"x3/8" - 10B-1 - 2 - 3 rullo 10,16 mm - Dimensioni - Dimensions - B1=9.1 / B2=25.5 / B3=42.1 / b1=9 / C=1.6 / r3=16									5/8"x3/8" - 10B-1 - 2 - 3 rullo 10,16 mm - Dimensioni - Dimensions - B1=9.1 / B2=25.5 / B3=42.1 / b1=9 / C=1.6 / r3=16								
Materiale - Material C 45			Semplici - Simplex		Doppi - Douplex		Tripli - Triplex		Materiale - Material C 45			Semplici - Simplex		Doppi - Douplex		Tripli - Triplex	
Z	de mm	dp mm	D1 mm	Peso Weight Kg.	D2 mm	Peso Weight Kg.	D3 mm	Peso Weight Kg.	Z	de mm	dp mm	D1 mm	Peso Weight Kg.	D2 mm	Peso Weight Kg.	D3 mm	Peso Weight Kg.
8	48.4	41.48	10	0.06	10	0.15	12	0.23	33	173.9	167.00	16	1.45	20	3.90	20	6.38
9	53.3	46.42	10	0.09	10	0.21	12	0.32	34	178.9	172.05	16	1.55	20	4.16	20	6.80
10	58.3	51.37	10	0.11	10	0.27	12	0.44	35	184.0	177.10	16	1.64	20	4.42	20	7.23
11	63.2	56.34	10	0.14	10	0.34	12	0.55	36	189.0	182.15	20	1.73	20	4.70	25	7.62
12	68.2	61.34	10	0.17	10	0.42	12	0.67	37	194.1	187.20	20	1.83	20	4.98	25	8.08
13	73.2	66.32	10	0.20	10	0.51	12	0.81	38	199.1	192.24	20	1.94	20	5.26	25	8.55
14	78.2	71.34	12	0.23	10	0.60	12	0.97	39	204.2	197.29	20	2.05	20	5.56	25	9.04
15	83.2	76.36	12	0.27	12	0.70	12	1.14	40	209.2	202.34	20	2.16	20	5.87	25	9.54
16	88.3	81.37	12	0.31	12	0.82	16	1.29	41	215.8	207.39	20	2.29	-	-	25	10.05
17	93.3	86.39	12	0.36	12	0.94	16	1.49	42	220.8	212.44	20	2.39	25	6.46	25	10.58
18	98.3	91.42	12	0.41	12	1.06	16	1.70	43	225.9	217.49	20	2.50	25	6.80	-	-
19	103.3	96.45	12	0.46	12	1.20	16	1.92	44	230.9	222.53	20	2.63	25	7.13	25	11.67
20	108.4	101.49	12	0.51	12	1.34	16	2.15	45	236.0	227.58	20	2.75	25	7.47	25	12.24
21	113.4	106.52	12	0.57	16	1.48	16	2.40	46	241.0	236.63	20	2.88	25	7.83	25	12.82
22	118.4	111.55	12	0.62	16	1.64	16	2.66	47	246.1	237.68	20	3.01	25	8.19	-	-
23	123.5	116.58	12	0.69	16	1.80	16	2.94	48	251.1	242.73	20	3.14	25	8.55	25	14.01
24	128.5	121.62	12	0.75	16	1.98	16	3.23	49	256.2	247.78	20	3.28	-	-	-	-
25	133.6	126.66	12	0.82	16	2.17	16	3.53	50	261.2	252.82	20	3.42	25	9.32	25	15.26
26	138.6	131.70	16	0.88	20	2.33	20	3.81	51	266.3	257.87	20	3.56	-	-	-	-
27	143.6	136.75	16	0.95	20	2.53	20	4.13	52	271.3	262.92	20	3.70	25	10.11	25	16.57
28	148.7	141.78	16	1.03	20	2.74	20	4.47	53	276.4	267.97	20	3.85	25	10.52	-	-
29	153.7	146.83	16	1.11	20	2.96	20	4.83	54	281.4	273.03	20	4.00	25	10.94	-	-
30	158.8	151.87	16	1.19	20	3.18	20	5.20	55	286.5	278.08	20	4.15	25	11.36	25	18.62
31	163.8	156.92	16	1.28	20	3.41	-	-	56	291.5	283.13	25	4.30	25	11.80	-	-
32	168.9	161.95	16	1.36	20	3.66	20	5.97	57	296.6	288.18	25	4.46	25	12.24	25	20.06

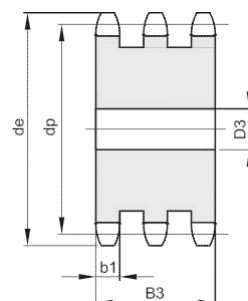
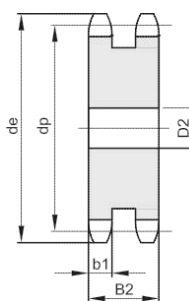
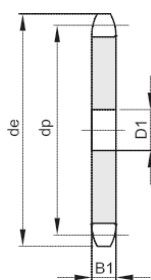
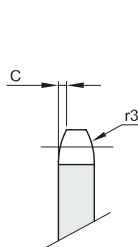
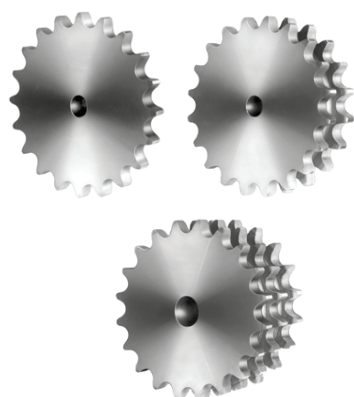
Corone per Catene a Rulli

Plate Wheels for Roller Chains

K.S.F.®
Power Transmission



5/8"x3/8" - 10B-1 - 2 - 3 rullo 10,16 mm - Dimensioni - Dimensions - B1=9.1 / B2=25.5 / B3=42.1 / b1=9 / C=1.6 / r3=16								
Materiale - Material C 45			Semplici - Simplex		Doppi - Douplex		Tripli - Triplex	
Z	de mm	dp mm	D1 mm	Peso Weight Kg.	D2 mm	Peso Weight Kg.	D3 mm	Peso Weight Kg.
58	301.6	293.23	25	4.62	25	12.68	-	-
60	311.7	303.32	25	4.95	25	13.61	25	22.31
62	321.8	313.43	25	5.30	25	14.56	-	-
64	331.9	323.53	25	5.65	-	-	30	25.43
65	337.0	328.58	25	5.83	25	16.05	30	26.26
66	342.0	333.63	-	-	25	16.57	-	-
68	352.1	343.74	25	6.40	-	-	-	-
70	362.2	353.84	25	6.79	25	18.70	30	30.61
72	372.3	363.95	25	7.19	25	19.81	-	-
75	387.5	379.09	25	7.81	25	21.54	30	30.35
76	392.5	384.16	25	8.02	25	22.14	30	36.27
78	402.6	394.25	25	8.46	-	-	-	-
80	412.7	404.35	25	8.91	25	24.60	30	40.30
85	438.0	429.62	30	10.06	30	28.00	-	-
90	463.3	454.88	30	11.30	30	31.25	30	51.32
95	488.5	480.14	30	12.61	30	34.90	30	57.32
100	513.8	505.40	30	13.99	30	38.75	-	-
110	564.3	555.92	30	17.00	-	-	-	-
114	584.5	576.13	30	19.99	30	50.60	30	83.15
120	614.8	606.44	30	22.17	30	56.16	-	-
125	640.1	631.71	30	24.08	30	61.00	30	100.29

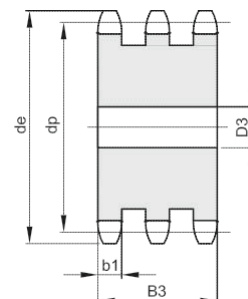
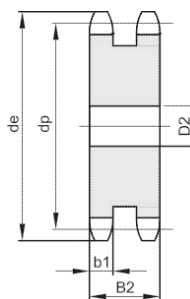
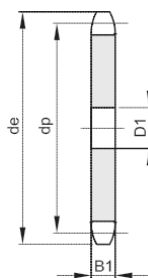
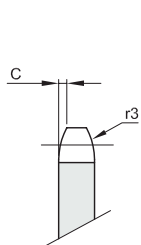
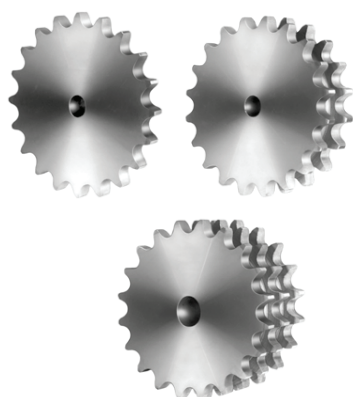


3/4"x7/16" - 12B-1 - 2 - 3 rullo 12,07 mm - Dimensioni - Dimensions - B1=11.1 / B2=30.3 / B3=49.8 / b1=10.8 / C=2 / r3=19									3/4"x7/16" - 12B-1 - 2 - 3 rullo 12,07 mm - Dimensioni - Dimensions - B1=11.1 / B2=30.3 / B3=49.8 / b1=10.8 / C=2 / r3=19								
Materiale - Material C 45			Semplici - Simplex		Doppi - Douplex		Tripli - Triplex		Materiale - Material C 45			Semplici - Simplex		Doppi - Douplex		Tripli - Triplex	
Z	de mm	dp mm	D1 mm	Peso Weight Kg.	D2 mm	Peso Weight Kg.	D3 mm	Peso Weight Kg.	Z	de mm	dp mm	D1 mm	Peso Weight Kg.	D2 mm	Peso Weight Kg.	D3 mm	Peso Weight Kg.
8	58.0	49.78	10	0.12	12	0.26	12	0.31	33	208.6	200.40	20	2.55	20	6.72	25	10.89
9	63.9	55.70	10	0.15	12	0.36	12	0.57	34	214.6	206.46	20	2.71	20	7.16	25	11.61
10	69.8	61.64	10	0.20	12	0.46	12	0.74	35	220.7	212.52	20	2.88	20	7.61	25	12.35
11	75.8	67.61	12	0.24	12	0.59	16	0.91	36	226.8	218.58	20	3.06	25	7.99	25	13.11
12	81.8	73.50	14	0.30	14	0.72	16	1.13	37	232.8	224.64	20	3.24	25	8.47	25	13.90
13	87.8	79.59	14	0.35	14	0.88	16	1.38	38	238.9	230.69	20	3.42	25	8.96	25	14.70
14	93.8	85.61	14	0.41	16	1.02	16	1.64	39	244.9	236.75	20	3.61	25	9.50	25	15.54
15	99.8	91.63	14	0.48	16	1.20	16	1.93	40	251.0	242.81	20	3.80	25	9.99	25	16.40
16	105.8	97.65	14	0.55	16	1.39	20	2.20	41	258.9	248.87	25	3.98	25	10.51	-	-
17	111.9	103.67	14	0.63	16	1.60	20	2.54	42	265.0	254.93	25	4.19	25	11.07	25	18.17
18	117.9	109.71	14	0.71	16	1.81	20	2.89	43	271.1	260.98	25	4.38	25	11.63	25	19.09
19	123.9	115.75	14	0.80	16	2.05	20	3.27	44	277.1	267.03	25	4.61	25	12.21	25	20.03
20	130.0	121.78	14	0.89	16	2.30	20	3.67	45	283.2	273.10	25	4.83	25	12.80	25	21.00
21	136.0	127.82	16	0.99	20	2.53	20	4.10	46	289.2	279.16	25	5.05	25	13.40	-	-
22	142.0	133.86	16	1.03	20	2.80	20	4.55	47	295.3	285.21	25	5.28	25	14.02	25	23.00
23	148.1	139.90	16	1.20	20	3.09	20	5.02	48	301.4	291.27	25	5.52	25	14.65	25	24.04
24	154.1	145.94	16	1.31	20	3.39	20	5.51	49	307.4	297.33	25	5.76	-	-	-	-
25	160.2	152.00	16	1.43	20	3.70	20	6.02	50	313.5	303.39	25	6.00	25	15.95	25	26.17
26	166.2	158.04	16	1.56	20	4.03	20	6.56	51	319.5	309.45	25	6.25	-	-	-	-
27	172.3	164.09	16	1.68	20	4.38	20	7.12	52	325.6	315.50	25	6.50	25	17.31	25	28.40
28	178.3	170.13	16	1.82	20	4.73	20	7.71	53	331.6	321.56	25	6.77	-	-	-	-
29	184.4	176.19	16	1.96	20	5.10	20	8.31	54	337.7	327.64	25	7.03	25	18.73	25	30.72
30	190.4	182.25	16	2.10	20	5.49	20	8.97	55	343.8	333.70	25	7.30	25	19.45	25	31.91
31	196.5	188.31	20	2.24	20	5.88	25	9.52	56	349.8	339.75	25	7.57	25	20.20	-	-
32	202.5	194.35	20	2.39	20	6.30	25	10.19	57	355.9	345.81	25	7.85	25	20.95	30	34.28

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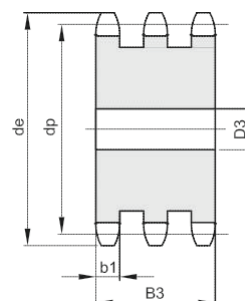
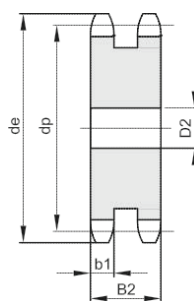
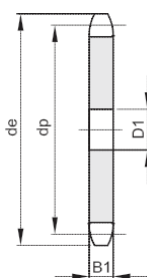
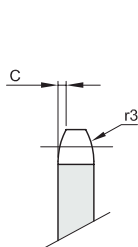
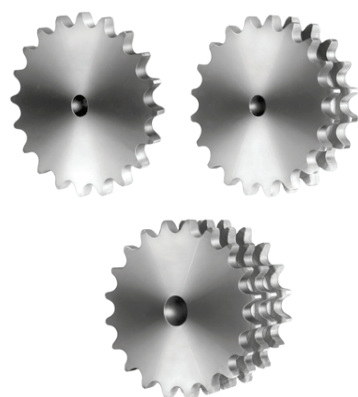
Plate Wheels for Roller Chains

K.S.F.®
Power Transmission



3/4"x7/16" - 12B-1 - 2 - 3 rullo 12,07 mm - Dimensioni - Dimensions - B1=11.1 / B2=30.3 / B3=49.8 / b1=10.8 / C=2 / r3=19

Materiale - Material C 45			Semplici - Simplex		Doppi - Duplex		Tripli - Triplex	
Z	de mm	dp mm	D1 mm	Peso Weight Kg.	D2 mm	Peso Weight Kg.	D3 mm	Peso Weight Kg.
58	362.0	351.87	25	8.13	25	21.72	-	-
60	374.1	363.99	25	8.72	25	23.30	30	38.12
62	386.2	376.12	25	9.33	-	-	-	-
64	398.3	388.24	25	9.95	30	26.62	-	-
65	404.4	394.29	25	10.27	30	27.48	30	45.00
68	422.6	412.49	30	11.24	30	29.00	-	-
70	434.7	424.61	30	11.92	30	32.01	30	52.42
72	446.8	436.74	30	12.63	30	33.92	30	55.55
75	465.0	454.91	30	13.72	30	36.88	-	-
76	471.1	460.99	30	14.09	30	37.90	30	62.09
78	483.2	473.10	30	14.86	-	-	-	-
80	495.3	485.22	30	15.65	30	42.10	30	68.98
85	525.6	515.55	30	17.70	30	47.66	30	78.10
90	555.9	545.86	30	19.87	30	53.36	30	87.79
95	586.2	576.17	30	22.18	30	59.80	30	98.04
100	616.6	606.47	30	24.60	30	66.39	30	108.86
110	677.2	667.11	30	29.84	-	-	-	-
114	701.4	691.36	30	32.07	30	86.68	30	142.15
120	737.8	727.74	30	35.58	-	-	30	157.77
125	768.1	758.05	30	38.63	30	104.50	30	171.41

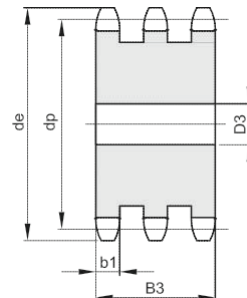
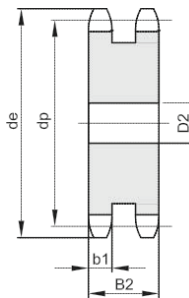
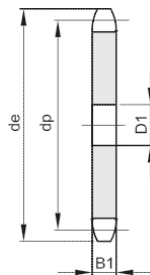
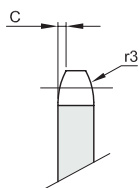
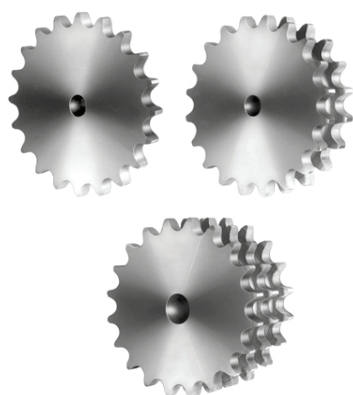


1"x17,02 mm - 16B-1 - 2 - 3 rullo 15,88 mm - Dimensioni - Dimensions - B1=16.2 / B2=47.7 / B3=79.6 / b1=15.8 / C=2.5 / r3=26									1"x17,02 mm - 16B-1 - 2 - 3 rullo 15,88 mm - Dimensioni - Dimensions - B1=16.2 / B2=47.7 / B3=79.6 / b1=15.8 / C=2.5 / r3=26								
Materiale - Material C 45			Semplici - Simplex		Doppi - Douplex		Tripli - Triplex		Materiale - Material C 45			Semplici - Simplex		Doppi - Douplex		Tripli - Triplex	
Z	de mm	dp mm	D1 mm	Peso Weight Kg.	D2 mm	Peso Weight Kg.	D3 mm	Peso Weight Kg.	Z	de mm	dp mm	D1 mm	Peso Weight Kg.	D2 mm	Peso Weight Kg.	D3 mm	Peso Weight Kg.
8	77.9	66.37	16	0.30	16	0.71	16	1.13	33	278.8	267.21	25	6.63	25	18.68	30	30.75
9	85.8	74.27	16	0.39	16	0.97	16	1.56	34	286.9	275.28	25	7.06	25	19.90	30	32.78
10	93.8	82.19	16	0.51	16	1.27	16	2.05	35	294.9	283.36	25	7.50	25	21.16	30	34.88
11	101.7	90.14	16	0.63	20	1.57	20	2.53	36	303.0	291.44	25	7.95	25	22.46	30	37.04
12	109.7	98.14	16	0.77	20	1.94	20	3.15	37	311.1	299.51	25	8.41	25	23.80	-	-
13	117.7	106.12	16	0.92	20	2.36	20	3.84	38	319.2	307.59	25	8.88	25	25.18	30	41.56
14	125.7	114.15	16	1.08	20	2.81	20	4.59	39	327.2	315.67	25	9.37	25	26.59	-	-
15	133.7	122.17	16	1.26	20	3.31	20	5.40	40	335.3	323.73	25	9.88	25	28.04	30	46.42
16	141.8	130.20	20	1.43	20	3.84	25	6.16	41	345.6	331.82	25	10.39	-	-	-	-
17	149.8	138.22	20	1.64	20	4.41	25	7.11	42	353.7	339.90	25	10.92	25	31.07	30	51.34
18	157.8	146.28	20	1.85	20	5.01	25	8.11	43	361.7	347.98	25	11.46	-	-	-	-
19	165.9	154.33	20	2.08	20	5.66	25	9.18	44	369.8	356.06	25	12.02	25	34.24	30	56.63
20	173.9	162.38	20	2.32	20	6.34	25	10.31	45	377.9	364.12	25	12.60	25	35.89	30	59.36
21	182.0	170.43	20	2.58	25	7.00	25	11.51	46	386.0	372.21	25	13.17	25	37.56	30	62.17
22	190.1	178.48	20	2.84	25	7.76	25	12.77	47	394.1	380.29	25	13.76	-	-	-	-
23	198.1	186.53	20	3.13	25	8.56	25	14.10	48	402.1	388.36	25	14.37	25	41.06	30	67.97
24	206.2	194.59	20	3.42	25	9.40	25	14.49	49	410.2	396.44	25	14.99	-	-	-	-
25	214.2	202.66	20	3.73	25	10.28	25	16.94	50	418.3	404.52	25	15.63	25	44.70	30	74.01
26	222.3	210.72	20	4.05	25	11.20	30	18.33	51	426.4	412.60	30	16.25	-	-	-	-
27	230.4	218.79	20	4.38	25	12.15	30	19.91	52	434.5	420.67	30	16.90	30	48.40	40	79.98
28	238.4	226.85	20	4.73	25	13.14	30	21.55	53	442.5	428.75	30	17.58	-	-	-	-
29	246.5	234.92	20	5.09	25	14.17	30	23.26	54	450.6	436.85	30	18.26	-	-	-	-
30	254.6	243.00	20	5.46	25	15.24	30	25.04	55	458.7	444.93	30	18.96	30	54.38	40	89.92
31	262.6	251.08	25	5.82	25	16.35	30	26.88	56	466.8	453.01	30	19.67	40	56.24	-	-
32	270.7	259.13	25	6.22	25	17.50	30	28.78	57	474.9	461.07	30	20.50	40	58.35	40	96.87

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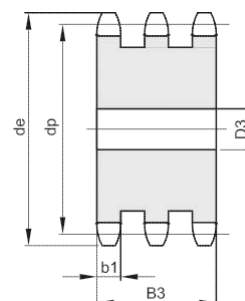
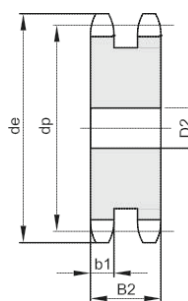
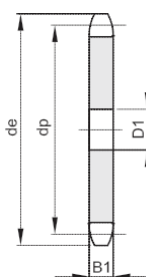
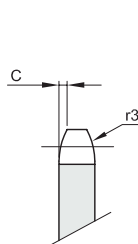
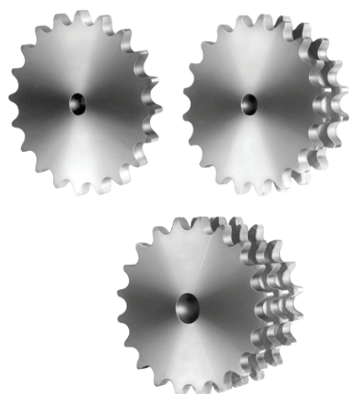
Plate Wheels for Roller Chains

K.S.F.®
Power Transmission

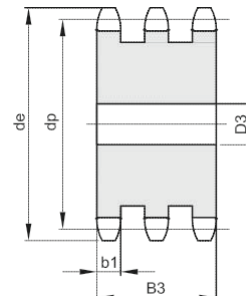
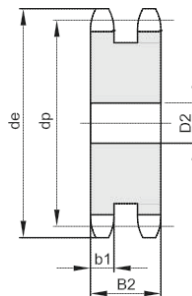
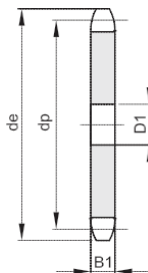
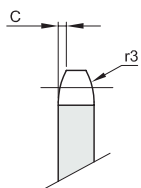
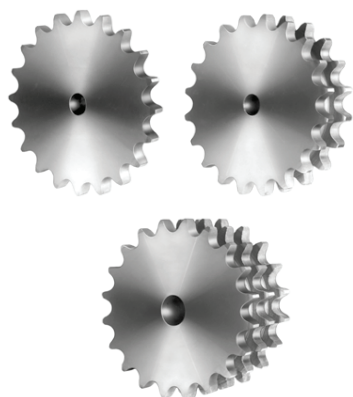


1"x17,02 mm - 16B-1 - 2 - 3 rullo 15,88 mm - Dimensioni - Dimensions - B1=16.2 / B2=47.7 / B3=79.6 / b1=15.8 / C=2.5 / r3=26

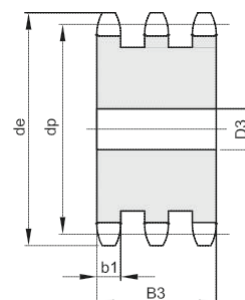
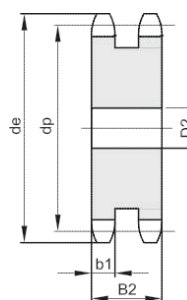
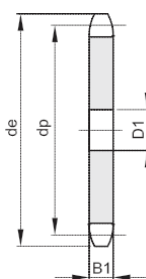
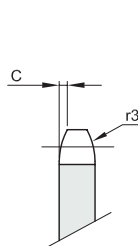
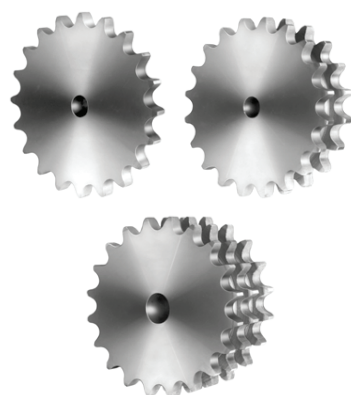
Materiale - Material C 45			Semplici - Simplex		Doppi - Duplex		Tripli - Triplex	
Z	de mm	dp mm	D1 mm	Peso Weight Kg.	D2 mm	Peso Weight Kg.	D3 mm	Peso Weight Kg.
58	482.9	469.16	30	21.13	-	-	-	-
60	499.1	485.32	30	22.65	40	64.90	40	107.78
62	515.3	501.50	30	24.22	40	69.46	-	-
64	531.4	517.65	30	25.84	-	-	-	-
65	539.5	525.73	30	26.67	40	76.59	40	127.24
68	563.8	549.98	30	29.23	40	84.07	-	-
70	579.9	566.14	30	31.01	40	89.24	40	148.31
72	596.1	582.32	30	32.84	40	94.60	40	157.18
75	620.3	606.55	30	35.68	40	102.85	-	-
76	628.4	614.65	30	36.65	40	105.69	40	175.70
78	644.6	630.80	30	38.64	-	-	-	-
80	660.7	646.96	30	40.68	40	117.43	40	195.25
85	701.2	687.40	30	46.00	40	132.96	40	221.13
90	741.6	727.81	30	51.65	40	149.46	40	248.61
95	782.0	768.22	30	57.62	40	166.91	40	277.70
100	822.4	808.63	30	63.62	40	181.33	-	-
110	903.3	889.48	30	77.50	-	-	-	-
114	935.6	921.82	30	83.31	40	242.01	40	402.85
120	984.1	970.33	30	92.40	-	-	-	-
125	1024.5	1010.73	30	100.33	40	291.84	40	485.90



1"1/4x3/4" - 20B-1 - 2 - 3 rullo 19,05 mm - Dimensioni - Dimensions - B1=18.5 / B2=54.6 / B3=91 / b1=18.2 / C=3.5 / r3=32									1"1/4x3/4" - 20B-1 - 2 - 3 rullo 19,05 mm - Dimensioni - Dimensions - B1=18.5 / B2=54.6 / B3=91 / b1=18.2 / C=3.5 / r3=32								
Materiale - Material C 45			Semplici - Simplex		Doppi - Douplex		Tripli - Triplex		Materiale - Material C 45			Semplici - Simplex		Doppi - Douplex		Tripli - Triplex	
Z	de mm	dp mm	D1 mm	Peso Weight Kg.	D2 mm	Peso Weight Kg.	D3 mm	Peso Weight Kg.	Z	de mm	dp mm	D1 mm	Peso Weight Kg.	D2 mm	Peso Weight Kg.	D3 mm	Peso Weight Kg.
8	96.0	82.96	16	0.55	20	1.28	20	2.02	33	349.0	334.01	30	11.87	-	-	-	-
9	106.5	92.84	16	0.73	20	1.74	20	2.79	34	359.1	344.10	30	12.63	30	35.64	30	58.86
10	117.0	102.74	16	0.93	20	2.28	20	3.77	35	369.2	354.20	30	13.41	30	37.90	30	62.60
11	127.0	112.68	20	1.13	20	2.89	25	4.53	36	379.2	364.30	30	14.22	30	40.22	30	66.46
12	137.0	122.68	20	1.38	20	3.56	25	5.64	37	389.3	374.39	30	15.04	-	-	-	-
13	147.5	132.65	20	1.65	20	4.31	25	4.87	38	399.4	384.49	30	15.90	30	45.08	30	74.52
14	157.6	142.68	20	1.94	20	5.12	25	8.20	39	409.5	394.59	30	16.77	-	-	-	-
15	167.7	152.72	20	2.26	20	6.00	25	9.65	40	419.6	404.66	30	17.67	30	50.21	30	83.04
16	177.7	162.75	20	2.60	30	6.78	30	11.07	41	430.7	414.78	30	18.59	-	-	-	-
17	187.7	172.78	20	2.96	30	7.80	30	12.75	42	440.8	424.88	30	19.54	30	55.62	-	-
18	197.8	182.85	20	3.34	30	8.89	30	14.54	43	450.9	434.97	30	20.50	-	-	-	-
19	207.9	192.91	20	3.75	30	10.05	30	16.45	44	461.0	445.07	30	21.50	-	-	-	-
20	217.9	202.98	20	4.19	30	11.27	30	18.47	45	471.1	455.17	30	22.51	30	64.25	40	105.96
21	228.0	213.04	25	4.62	30	12.56	30	20.62	46	481.2	465.26	30	23.55	30	67.26	-	-
22	238.1	223.11	25	5.09	30	13.93	30	22.87	48	501.4	485.46	30	25.70	30	73.49	-	-
23	248.2	233.17	25	5.60	30	15.36	30	25.24	50	521.6	505.65	30	27.93	30	80.00	40	132.13
24	258.3	243.23	25	6.18	30	16.86	30	27.72	52	541.8	525.84	30	30.27	40	86.55	-	-
25	268.4	253.33	25	6.67	30	18.43	30	30.32	54	562.0	546.07	30	32.69	-	-	-	-
26	278.4	263.40	30	7.21	30	20.07	30	33.03	55	572.1	556.16	30	33.94	-	-	40	161.16
27	288.5	273.48	30	7.81	30	21.17	30	35.86	56	582.2	566.26	30	35.21	-	-	-	-
28	298.5	283.56	30	8.43	30	23.56	30	38.80	57	592.3	576.36	30	36.51	40	104.71	40	173.58
29	308.6	293.65	30	9.07	30	25.39	-	-	58	602.4	586.45	30	37.82	-	-	-	-
30	318.7	303.75	30	9.73	30	27.30	30	45.03	60	622.6	606.65	30	40.53	40	116.43	40	193.06
31	328.8	313.85	30	10.42	30	29.29	-	-	64	663.0	647.06	30	46.22	-	-	-	-
32	338.9	323.91	30	11.13	30	31.34	30	51.72	65	673.1	657.16	30	47.70	40	137.34	40	227.83



1"1/4x3/4" - 20B-1 - 2 - 3 rullo 19,05 mm - Dimensioni - Dimensions - B1=18.5 / B2=54.6 / B3=91 / b1=18.2 / C=3.5 / r3=32								
Materiale - Material C 45			Semplici - Simplex		Doppi - Douplex		Tripli - Triplex	
Z	de mm	dp mm	D1 mm	Peso Weight Kg.	D2 mm	Peso Weight Kg.	D3 mm	Peso Weight Kg.
70	723.6	707.67	30	55.45	40	159.97	40	265.46
75	774.2	758.19	30	63.79	-	-	-	-
76	784.3	768.32	30	66.53	40	189.39	40	314.39
80	824.7	808.72	30	72.71	40	210.38	-	-
85	875.2	859.25	30	82.21	-	-	-	-
90	925.7	909.76	30	92.30	-	-	-	-
95	976.2	960.28	30	102.96	40	298.90	-	-
100	1026.7	1010.79	40	114.13	-	-	-	-
114	1168.2	1152.26	40	148.73	40	433.24	40	720.16

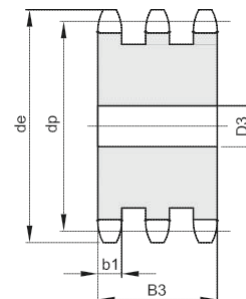
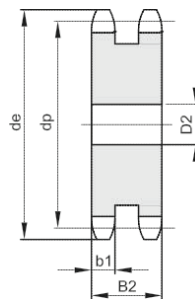
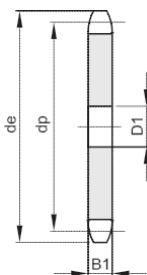
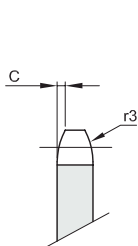
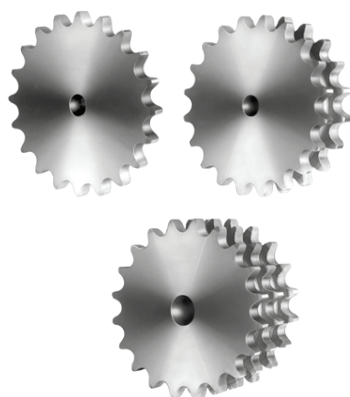


1"1/2x1" - 24B-1 - 2 - 3 rullo 25,4 mm - Dimensioni - Dimensions - B1=24.1 / B2=72 / B3=120.3 / b1=23.6 / C=4 / r3=38									1"1/2x1" - 24B-1 - 2 - 3 rullo 25,4 mm - Dimensioni - Dimensions - B1=24.1 / B2=72 / B3=120.3 / b1=23.6 / C=4 / r3=38								
Materiale - Material C 45		Semplici - Simplex		Doppi - Douplex		Tripli - Triplex		Z	Materiale - Material C 45		Semplici - Simplex		Doppi - Douplex		Tripli - Triplex		Z
de mm	dp mm	D1 mm	Peso Weight Kg.	D2 mm	Peso Weight Kg.	D3 mm	Peso Weight Kg.		de mm	dp mm	D1 mm	Peso Weight Kg.	D2 mm	Peso Weight Kg.	D3 mm	Peso Weight Kg.	
8	113.0	99.55	20	1.00	25	2.31	25	3.67	36	452.0	437.16	30	26.60	40	75.75	-	-
9	125.0	111.40	20	1.32	25	3.18	25	5.10	37	464.0	449.27	30	28.12	40	80.28	-	-
10	137.0	123.29	20	1.69	25	4.19	25	6.75	38	476.5	461.39	30	29.71	40	84.95	40	140.90
11	149.0	135.21	25	2.07	25	5.33	30	8.42	40	501.5	485.62	30	33.03	40	94.66	40	158.08
12	161.0	147.22	25	2.53	25	6.59	30	10.50	41	513.5	497.74	30	34.75	-	-	-	-
13	173.0	159.18	25	3.03	25	7.99	30	12.81	42	525.5	509.85	30	36.52	40	104.90	-	-
14	185.0	171.22	25	3.57	25	9.52	30	15.33	45	562.0	546.20	30	42.08	40	121.24	40	201.37
15	197.0	183.26	25	4.16	25	11.18	30	18.08	46	574.0	558.32	30	44.03	-	-	-	-
16	209.0	195.30	25	4.79	30	12.85	30	21.04	48	598.5	582.55	30	48.04	40	138.75	40	230.56
17	221.0	207.34	25	5.47	30	14.77	30	24.22	50	622.5	606.78	30	52.24	40	151.08	40	251.11
18	233.0	219.42	25	6.19	30	16.82	30	27.61	52	547.0	631.01	30	56.60	-	-	-	-
19	245.5	231.49	25	6.95	30	19.00	30	31.23	54	671.0	655.25	30	61.14	-	-	-	-
20	257.5	243.57	25	7.76	30	21.31	30	35.06	55	683.5	667.40	30	63.48	-	-	-	-
21	270.5	255.65	30	8.57	30	23.75	40	38.60	56	695.5	679.50	30	65.86	-	-	-	-
22	282.5	267.73	30	9.46	30	26.33	40	42.87	57	707.5	691.63	30	68.28	40	198.34	40	329.92
23	294.5	279.80	30	10.40	30	29.03	40	47.36	60	745.0	727.97	30	75.82	40	220.55	40	366.97
24	307.0	291.88	30	11.38	30	31.86	40	52.07	62	769.0	752.24	40	80.95	-	-	-	-
25	319.0	304.00	30	12.41	30	34.83	40	56.99	65	805.5	788.59	40	89.14	40	260.19	-	-
26	331.0	316.08	30	13.47	30	37.93	40	62.14	70	866.0	849.21	40	103.77	-	-	-	-
27	343.0	328.19	30	14.59	30	41.15	40	67.50	76	939.0	921.98	40	122.54	40	358.88	40	597.76
28	355.0	340.27	30	15.74	30	44.51	40	73.08	80	987.5	970.44	40	135.99	-	-	-	-
29	367.5	352.38	30	16.94	30	48.00	-	-	85	1048.0	1031.10	40	153.79	-	-	-	-
30	379.5	364.50	30	18.91	30	51.61	40	84.90	95	1169.0	1152.33	40	192.67	40	583.00	-	-
31	391.5	376.62	30	19.47	40	55.05	-	-									
32	403.5	388.69	30	20.80	40	58.93	40	97.59									
33	415.5	400.81	30	22.18	40	62.94	-	-									
34	428.0	412.93	30	23.60	40	67.08	-	-									
35	440.0	425.04	30	25.06	40	71.35	40	118.26									

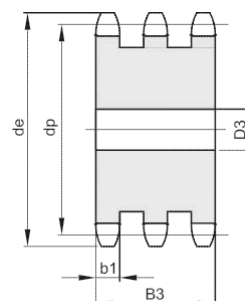
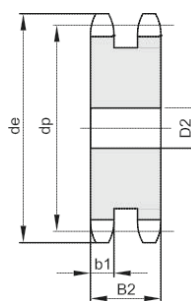
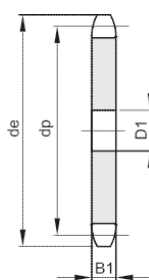
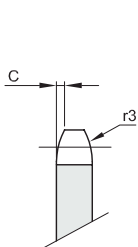
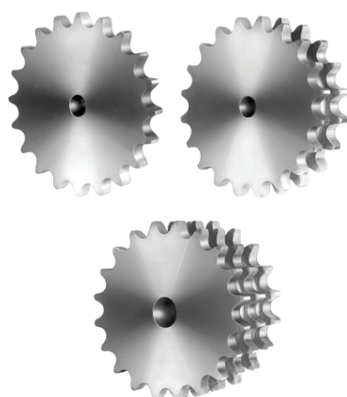
Corone per Catene a Rulli

Plate Wheels for Roller Chains

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Power Transmission



1"3/4x1"1/4 - 28B-1 - 2 - 3 rullo 27,94 mm - Dimensioni - Dimensions - B1=29.4 / B2=88.4 / B3=148 / b1=28.8 / C=4 / r3=44									1"3/4x1"1/4 - 28B-1 - 2 - 3 rullo 27,94 mm - Dimensioni - Dimensions - B1=29.4 / B2=88.4 / B3=148 / b1=28.8 / C=4 / r3=44								
Materiale - Material C 45			Semplici - Simplex		Doppi - Duplex		Tripli - Triplex		Materiale - Material C 45			Semplici - Simplex		Doppi - Duplex		Tripli - Triplex	
Z	de mm	dp mm	D1 mm	Peso Weight Kg.	D2 mm	Peso Weight Kg.	D3 mm	Peso Weight Kg.	Z	de mm	dp mm	D1 mm	Peso Weight Kg.	D2 mm	Peso Weight Kg.	D3 mm	Peso Weight Kg.
8	132.0	116.15	20	1.71	25	4.01	25	6.39	45	656.0	637.22	30	70.13	40	203.10	40	337.73
9	146.0	129.96	20	2.26	25	5.48	25	8.80	50	726.0	707.91	30	87.01	40	252.99	-	-
10	160.0	143.85	20	2.88	25	7.17	25	11.56	57	825.0	806.90	40	113.56	40	332.00	40	552.76
11	174.0	157.77	25	3.53	30	8.92	30	14.44	60	869.0	849.32	40	126.08	-	-	-	-
12	188.0	171.74	25	4.29	30	11.04	30	17.93	76	1095.0	1075.62	40	203.89	40	600.35	40	1000.97
13	204.0	185.75	25	5.12	30	13.38	30	21.79									
14	218.0	199.76	25	6.03	30	15.94	30	26.02									
15	232.0	213.79	25	7.01	30	18.72	30	30.61									
16	246.0	227.84	30	8.02	30	21.71	30	35.57									
17	260.0	241.90	30	9.14	30	24.92	30	40.89									
18	274.0	255.98	30	10.34	30	28.36	30	46.58									
19	289.0	270.06	30	11.61	30	32.00	30	52.64									
20	303.0	284.15	30	12.95	30	35.87	30	59.06									
21	317.0	298.24	30	14.37	30	39.96	40	65.20									
22	331.0	312.34	30	15.86	30	44.26	-	-									
23	345.0	326.44	30	17.42	30	48.78	40	79.87									
24	359.0	340.55	30	19.05	-	-	-	-									
25	373.0	354.66	30	20.76	30	58.50	40	95.99									
26	387.0	368.77	30	22.54	40	63.28	-	-									
27	401.0	382.88	30	24.39	-	-	-	-									
28	416.0	397.00	30	26.32	40	74.29	-	-									
30	444.0	425.24	30	30.38	40	86.17	40	142.70									
32	472.0	453.49	30	34.74	-	-	-	-									
34	500.0	481.75	30	39.38	-	-	-	-									
35	514.0	495.88	30	41.82	40	119.69	-	-									
36	529.0	510.01	30	44.32	-	-	-	-									
38	557.0	538.27	30	49.55	40	142.42	40	236.43									
40	585.0	566.54	30	55.07	40	158.67	40	263.52									



2"x1"1/4 - 32B-1 - 2 - 3 rullo 29,21 mm - Dimensioni - Dimensions -
B1=29.4 / B2=87.4 / B3=146 / b1=28.8 / C=6 / r3=51

Materiale - Material C 45			Semplici - Simplex		Doppi - Douplex		Tripli - Triplex	
Z	de mm	dp mm	D1 mm	Peso Weight Kg.	D2 mm	Peso Weight Kg.	D3 mm	Peso Weight Kg.
8	152.0	132.74	25	2.27	25	5.53	25	8.83
9	168.0	148.54	25	2.99	25	7.46	25	11.99
10	184.0	164.39	25	3.81	25	9.68	25	15.63
11	200.0	180.31	30	4.67	35	11.86	35	19.20
12	216.0	196.29	30	5.67	35	14.64	35	23.78
13	235.0	212.29	30	6.77	35	17.70	35	28.83
14	251.0	228.29	30	7.97	35	21.05	35	34.35
15	367.0	244.30	30	9.26	35	24.68	35	40.34
16	283.0	260.40	30	10.64	40	28.38	40	46.47
17	299.0	276.46	30	12.12	40	32.57	40	53.40
18	315.0	292.55	30	13.69	40	37.05	40	60.80
19	331.0	308.66	30	15.36	40	41.80	40	68.68
20	347.0	324.71	40	16.99	40	46.84	40	77.02
21	363.0	340.82	40	18.85	40	52.15	40	85.84
22	379.0	356.98	40	20.80	40	57.75	-	-
23	396.0	373.08	40	22.85	40	63.63	40	104.88
24	412.0	389.18	40	24.99	40	69.80	-	-
25	428.0	405.33	40	27.23	40	76.24	40	125.81
26	444.0	421.44	40	29.56	40	82.97	-	-
28	476.0	453.69	40	34.51	40	97.27	-	-
30	508.0	486.00	40	39.84	40	112.70	40	186.37
32	541.0	518.27	40	45.54	-	-	-	-
35	589.0	566.71	40	54.81	40	156.19	40	258.69

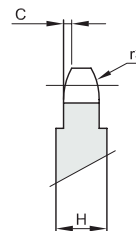
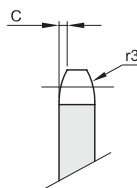
2"x1"1/4 - 32B-1 - 2 - 3 rullo 29,21 mm - Dimensioni - Dimensions -
B1=29.4 / B2=87.4 / B3=146 / b1=28.8 / C=6 / r3=51

Materiale - Material C 45			Semplici - Simplex		Doppi - Douplex		Tripli - Triplex	
Z	de mm	dp mm	D1 mm	Peso Weight Kg.	D2 mm	Peso Weight Kg.	D3 mm	Peso Weight Kg.
38	638.0	315.16	40	64.93	40	185.67	40	307.73
40	670.0	647.47	40	72.16	40	206.73	-	-
45	751.0	728.24	40	91.87	40	265.32	40	438.64
50	832.0	809.04	40	113.96	40	328.95	40	549.27
57	945.0	922.16	40	148.86	40	431.27	40	716.72
60	993.0	970.65	40	165.24	-	-	-	-
76	1252.0	1229.27	40	267.00	40	757.78	40	1295.64

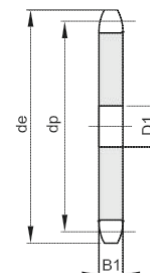
Corone per Catene a Rulli

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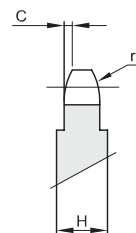
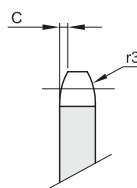


Da Z5 1H = 4 mm

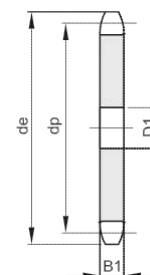


1/2"x1/8" - 081-1 rullo 7,75 mm - Dimensioni - Dimensions - B1=3 / C=0.8 / r3=13								
Materiale - Material C 45			Semplici - Simplex		Doppi - Duplex		Tripli - Triplex	
Z	de mm	dp mm	D1 mm	Peso Weight Kg.	D2 mm	Peso Weight Kg.	D3 mm	Peso Weight Kg.
9	43.4	37.13	8	0.02				
10	47.4	41.10	8	0.02				
11	51.4	45.07	8	0.03				
12	55.4	49.07	8	0.04				
13	59.4	53.06	8	0.04				
14	63.4	57.07	8	0.05				
15	67.4	61.09	8	0.06				
16	71.4	65.10	8	0.07				
17	75.4	69.11	8	0.08				
18	79.4	73.14	8	0.09				
19	83.5	77.16	8	0.10				
20	87.5	81.19	8	0.11				
21	91.5	85.22	8	0.11				
22	95.5	89.24	10	0.13				
23	99.6	93.27	10	0.15				
24	103.6	97.29	12	0.16				
25	107.6	101.33	12	0.17				
26	111.7	105.36	12	0.26				
27	115.7	109.40	12	0.28				
28	119.7	113.42	12	0.32				
30	127.8	121.50	12	0.35				
32	135.9	129.56	12	0.40				
33	139.9	133.60	12	0.43				
34	143.9	137.64	12	0.46				
35	148.0	141.68	12	0.49				
36	152.0	145.72	16	0.51				
37	156.1	149.76	16	0.55				
38	160.1	153.80	16	0.58				

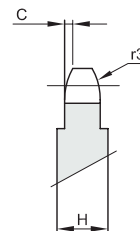
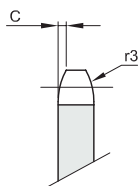
1/2"x1/8" - 081-1 rullo 7,75 mm - Dimensioni - Dimensions - B1=3 / C=0.8 / r3=13								
Materiale - Material C 45			Semplici - Simplex		Doppi - Duplex		Tripli - Triplex	
Z	de mm	dp mm	D1 mm	Peso Weight Kg.	D2 mm	Peso Weight Kg.	D3 mm	Peso Weight Kg.
39	164.1	157.83	16	0.61				
40	168.2	161.87	16	0.64				
44	184.8	178.03	16	0.79				
45	188.9	182.07	16	0.82				
48	201.0	194.18	20	0.94				
55	229.3	222.46	20	1.25				
56	233.3	226.50	20	1.30				
57	237.3	230.54	20	1.35				
60	249.5	242.66	20	1.50				
70	289.9	283.07	25	2.05				



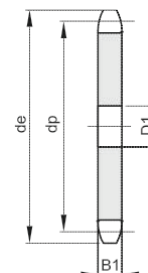
Da Z5 1H=4 mm



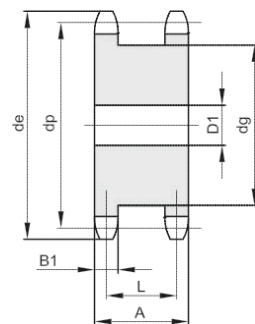
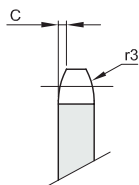
1/2"x3/16" - 083-1 rullo 7,75 mm - Dimensioni - Dimensions - B1=4,5 / C=1.3 / r3=13									1/2"x3/16" - 083-1 rullo 7,75 mm - Dimensioni - Dimensions - B1=4,5 / C=1.3 / r3=13								
Materiale - Material C 45			Semplici - Simplex		Doppi - Douplex		Tripli - Triplex		Materiale - Material C 45			Semplici - Simplex		Doppi - Douplex		Tripli - Triplex	
Z	de mm	dp mm	D1 mm	Peso Weight Kg.	D2 mm	Peso Weight Kg.	D3 mm	Peso Weight Kg.	Z	de mm	dp mm	D1 mm	Peso Weight Kg.	D2 mm	Peso Weight Kg.	D3 mm	Peso Weight Kg.
8	39.5	33.18	8	0.02					31	131.8	125.54	12	0.40				
9	43.4	37.13	8	0.03					32	135.9	129.56	12	0.43				
10	47.4	41.10	8	0.04					33	139.9	133.60	12	0.46				
11	51.4	45.07	8	0.05					34	143.9	137.64	12	0.49				
12	55.4	49.07	8	0.05					35	148.0	141.68	12	0.52				
13	59.4	53.06	8	0.06					36	152.0	145.72	16	0.55				
14	63.4	57.07	8	0.08					37	156.1	149.76	16	0.58				
15	67.4	61.09	8	0.09					38	160.1	153.80	16	0.62				
16	71.4	65.10	8	0.10					39	164.1	157.83	16	0.65				
17	75.4	69.11	8	0.12					40	168.2	161.87	16	0.68				
18	79.4	73.14	8	0.13					41	172.7	165.91	16	0.72				
19	83.5	77.16	8	0.15					42	176.7	169.95	16	0.76				
20	87.5	81.19	8	0.16					43	180.8	173.99	16	0.80				
21	91.5	85.22	8	0.18					44	184.8	178.03	16	0.83				
22	95.5	89.24	10	0.20					45	188.9	182.07	16	0.87				
23	99.6	93.27	10	0.22					46	192.9	186.10	20	0.91				
24	103.6	97.29	12	0.24					47	196.9	190.14	20	0.95				
25	107.6	101.33	12	0.26					48	201.0	194.18	20	0.99				
26	111.7	105.36	12	0.28					49	205.0	198.22	20	1.04				
27	115.7	109.40	12	0.30					50	209.1	202.26	20	1.08				
28	119.7	113.42	12	0.33					51	213.1	206.30	20	1.12				
29	123.8	117.46	12	0.35					52	217.1	210.34	20	1.17				
30	127.8	121.50	12	0.38					53	221.2	214.37	20	1.22				



Da Z5 1H =4 mm



1/2"x3/16" - 083-1 rullo 7,75 mm - Dimensioni - Dimensions - B1=4.5 / C=1.3 / r3=13								
Materiale - Material C 45			Semplici - Simplex		Doppi - Douplex		Tripli - Triplex	
Z	de mm	dp mm	D1 mm	Peso Weight Kg.	D2 mm	Peso Weight Kg.	D3 mm	Peso Weight Kg.
54	225.2	218.43	20	1.26				
55	229.3	222.46	20	1.31				
56	233.3	226.50	20	1.36				
57	237.3	230.54	20	1.41				
58	241.4	234.58	20	1.46				
60	249.5	242.66	20	1.57				
64	265.6	258.82	20	1.80				
65	269.7	262.86	20	1.85				
68	281.8	274.99	25	2.02				
70	289.9	283.07	25	2.14				
72	298.0	291.16	25	2.27				
76	314.1	307.33	25	2.54				
80	330.3	323.48	25	2.82				
85	350.5	343.69	25	3.19				
100	411.1	404.31	25	5.83				



3/8"x7/32" - 06B-1 rullo 6,35 mm - Dimensioni - Dimensions - B1=5.3 / C=1 / r3=10

Materiale - Material C 45							
Z	de mm	dp mm	D1 mm	dg mm	A mm	L mm	Peso Weight Kg.
13	43.5	39.80	10	29	23	17.7	0.14
14	46.5	42.80	10	32	23	17.7	0.17
15	49.5	45.81	10	35	23	17.7	0.20
16	52.5	48.82	12	38	23	17.7	0.23
17	55.5	51.83	12	41	23	17.7	0.26
18	58.6	54.85	12	44	23	17.7	0.30
19	61.6	57.87	12	47	23	17.7	0.34
20	64.6	60.89	15	50	23	17.7	0.38
21	67.6	63.91	15	53	23	17.7	0.43
23	73.7	69.95	15	60	23	17.7	0.54
25	79.7	76.00	15	66	23	17.7	0.65

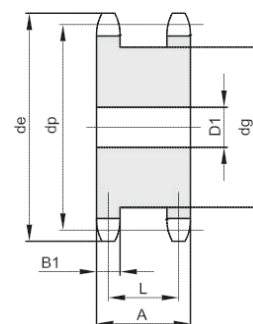
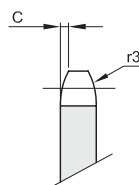
1/2"x5/16" - 08B-1 rullo 8,51 mm - Dimensioni - Dimensions - B1=7.2 / C=1.3 / r3=13

Materiale - Material C 45							
Z	de mm	dp mm	D1 mm	dg mm	A mm	L mm	Peso Weight Kg.
12	53.9	49.07	15	36	30	22.8	0.27
13	57.9	53.06	15	40	30	22.8	0.33
14	61.9	57.07	15	44	30	22.8	0.40
15	65.9	61.09	15	48	30	22.8	0.47
16	69.9	65.10	15	52	30	22.8	0.55
17	74.0	69.11	15	56	30	22.8	0.64
18	78.0	73.14	15	60	30	22.8	0.73
19	82.0	77.16	15	64	30	22.8	0.84
20	86.0	81.19	15	68	30	22.8	0.93
21	90.1	85.22	15	72	30	22.8	1.03
23	98.1	93.27	15	80	30	22.8	1.28
25	106.2	101.33	15	88	30	22.8	1.54

Corone doppie per due Catene semplici

Double simple Sprockets

K.S.F.®
Power Transmission

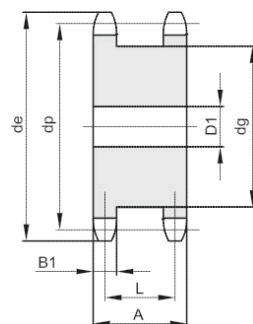
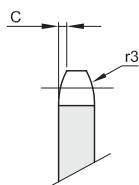


5/8"x3/8" - 10B-1 rullo 10,16 mm - Dimensioni - Dimensions - B1=9.1 / C=1.6 / r3=16

Materiale - Material C 45							
Z	de mm	dp mm	D1 mm	dg mm	A mm	L mm	Peso Weight Kg.
12	68.2	61.34	15	45	34	24.9	0.51
13	73.2	66.32	15	50	34	24.9	0.62
14	78.2	71.34	15	55	34	24.9	0.74
15	83.2	76.36	15	60	34	24.9	0.87
16	88.3	81.37	15	65	34	24.9	1.02
17	93.3	86.39	15	70	34	24.9	1.17
18	98.3	91.42	15	75	34	24.9	1.34
19	103.3	96.45	20	80	34	24.9	1.49
20	108.4	101.49	20	85	34	24.9	1.68
21	113.4	106.52	20	90	34	24.9	1.88
23	123.5	116.58	20	100	34	24.9	2.30
25	133.6	126.66	20	110	34	24.9	2.77

3/4"x7/16" - 12B-1 rullo 12,07 mm - Dimensioni - Dimensions - B1=11.1 / C=2 / r3=19

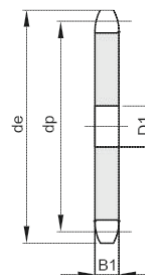
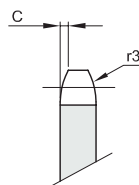
Materiale - Material C 45							
Z	de mm	dp mm	D1 mm	dg mm	A mm	L mm	Peso Weight Kg.
12	81.8	73.60	20	53	44	32.9	0.91
13	87.8	79.59	20	59	44	32.9	1.12
14	93.8	85.61	20	65	44	32.9	1.33
15	99.8	91.63	20	71	44	32.9	1.57
16	105.8	97.65	20	77	44	32.9	1.84
17	111.9	103.67	20	83	44	32.9	2.12
18	117.9	109.71	20	89	44	32.9	2.42
19	123.9	115.75	20	95	44	32.9	2.75
20	130.0	121.78	20	101	44	32.9	3.09
21	136.0	127.82	25	107	44	32.9	3.42
23	148.1	139.90	25	119	44	32.9	4.21
25	160.2	152.00	25	131	44	32.9	5.07



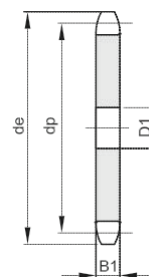
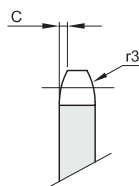
1"x17,02 mm - 16B-1 rullo 15,88 mm - Dimensioni - Dimensions - B1=16.2 / C=2.5 / r3=26							
Materiale - Material C 45							
Z	de mm	dp mm	D1 mm	dg mm	A mm	L mm	Peso Weight Kg.
12	109.7	98.14	20	72	68	51.8	2.58
13	117.7	106.12	20	80	68	51.8	3.14
14	125.7	114.15	20	88	68	51.8	3.76
15	133.7	122.17	20	96	68	51.8	4.44
16	141.8	130.20	25	104	68	51.8	5.09
17	149.8	138.22	25	112	68	51.8	5.87
18	157.8	146.28	25	120	68	51.8	6.70
19	165.9	154.33	30	128	68	51.8	7.53
21	182.0	170.43	30	144	68	51.8	9.48

Corone per Catene a Rulli ASA Plate Wheels for ASA Roller Chains

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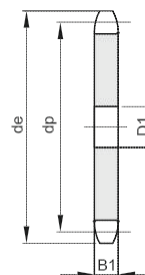
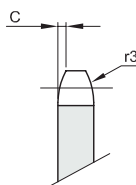
ASA 40 - 08A - 1 rullo 7,95 mm - Dimensioni - Dimensions - B1=7.2 / C=1.6 / r3=13.5								
Materiale - Material C 45			Semplici - Simplex		Doppi - Douplex		Tripli - Triplex	
Z	de mm	dp mm	D1 mm	Peso Weight Kg.	D2 mm	Peso Weight Kg.	D3 mm	Peso Weight Kg.
10	47.2	41.10	8	0.06				
13	59.2	53.06	10	0.10				
17	75.2	69.11	10	0.18				
19	83.3	77.16	10	0.23				
20	87.3	81.19	10	0.27				
21	91.3	85.22	12	0.28				
24	103.4	97.29	12	0.38				
30	127.6	121.50	16	0.58				
32	135.7	129.56	16	0.68				
34	143.8	137.64	16	0.78				
35	147.8	141.68	16	0.83				
38	159.9	153.80	16	0.98				
44	184.6	178.03	20	1.32				
48	200.8	194.18	20	1.58				
50	208.9	202.26	20	1.73				
57	237.2	230.54	20	2.25				



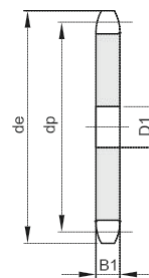
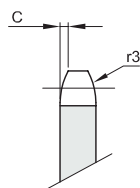
ASA 50 - 10A -1 rullo 10,16 mm - Dimensioni - Dimensions - B1=8.7 / C=2 / r3=17									ASA 50 - 10A -1 rullo 10,16 mm - Dimensioni - Dimensions - B1=8.7 / C=2 / r3=17								
Materiale - Material C 45			Semplici - Simplex		Doppi - Duplex		Tripli - Triplex		Materiale - Material C 45			Semplici - Simplex		Doppi - Duplex		Tripli - Triplex	
Z	de mm	dp mm	D1 mm	Peso Weight Kg.	D2 mm	Peso Weight Kg.	D3 mm	Peso Weight Kg.	Z	de mm	dp mm	D1 mm	Peso Weight Kg.	D2 mm	Peso Weight Kg.	D3 mm	Peso Weight Kg.
8	48.4	41.48	10	0.06					36	189.0	182.15	20	1.73				
9	53.3	46.42	10	0.09					37	194.1	187.20	20	1.83				
10	58.3	51.37	10	0.11					38	199.1	192.24	20	1.94				
11	63.2	56.34	10	0.14					39	204.2	197.29	20	2.05				
12	68.2	61.34	10	0.17					40	209.2	202.34	20	2.16				
13	73.2	66.32	10	0.20					41	215.8	207.39	20	2.28				
14	78.2	71.34	12	0.23					42	220.8	212.44	20	2.39				
15	83.2	76.36	12	0.27					43	225.9	217.49	20	2.50				
16	88.3	81.37	12	0.31					44	230.9	222.53	20	2.63				
17	93.3	86.39	12	0.36					45	236.0	227.58	20	2.75				
18	98.3	91.42	12	0.41					46	241.0	232.63	20	2.88				
19	103.3	96.45	12	0.46					47	246.1	237.68	20	3.00				
20	108.4	101.49	12	0.51					48	251.1	242.73	20	3.14				
21	113.4	106.52	12	0.57					49	256.2	247.78	20	3.28				
22	118.4	111.55	12	0.62					50	261.2	252.82	20	3.42				
23	123.5	116.58	12	0.68					51	266.3	257.87	20	3.56				
24	128.5	121.62	12	0.75					52	271.3	262.92	20	3.70				
25	133.6	126.66	12	0.82					53	276.4	267.97	20	3.85				
26	138.6	131.70	16	0.88					54	281.4	273.03	20	4.00				
27	143.6	136.75	16	0.95					55	286.5	278.08	20	4.15				
28	148.7	141.78	16	1.03					56	291.5	283.13	25	4.30				
29	153.7	146.83	16	1.11					57	296.6	288.18	25	4.46				
30	158.8	151.87	16	1.19					58	301.6	293.23	25	4.62				
31	163.8	156.92	16	1.28					60	311.7	303.32	25	4.95				
32	168.9	161.95	16	1.36					62	321.8	313.43	25	5.30				
33	173.9	167.00	16	1.45					64	331.9	323.53	25	5.65				
34	178.9	172.05	16	1.55					65	337.0	328.58	25	5.83				
35	184.0	177.10	16	1.64					68	352.1	343.74	25	6.40				

Corone per Catene a Rulli ASA

Plate Wheels for ASA Roller Chains



ASA 50 - 10A - 1 rullo 10,16 mm - Dimensioni - Dimensions - B1=8.7 / C=2 / r3=17								
Materiale - Material C 45			Semplici - Simplex		Doppi - Douplex		Tripli - Triplex	
Z	de mm	dp mm	D1 mm	Peso Weight Kg.	D2 mm	Peso Weight Kg.	D3 mm	Peso Weight Kg.
70	362.2	353.84	25	6.79				
72	372.3	363.95	25	7.19				
75	387.5	379.09	25	7.81				
76	392.5	384.16	25	8.02				
78	402.6	394.25	25	8.46				
80	412.7	404.35	25	8.91				
85	438.0	429.62	30	10.06				
90	463.3	454.88	30	11.30				
95	488.5	480.14	30	12.61				
100	513.8	505.40	30	13.99				
110	564.3	555.92	30	16.97				
114	584.5	576.13	30	19.98				
120	614.8	606.44	30	22.17				
125	640.1	631.71	30	24.08				



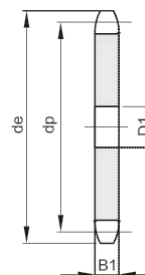
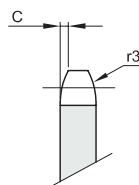
ASA 60 - 12A -1 rullo 11,91 mm - Dimensioni - Dimensions - B1=11.6 / C=2.4 / r3=20								
Materiale - Material C 45			Semplici - Simplex		Doppi - Douplex		Tripli - Triplex	
Z	de mm	dp mm	D1 mm	Peso Weight Kg.	D2 mm	Peso Weight Kg.	D3 mm	Peso Weight Kg.
13	87.9	79.59	14	0.35				
14	94.0	85.61	14	0.41				
15	100.0	91.63	14	0.48				
16	106.0	97.65	14	0.55				
17	112.0	103.67	14	0.63				
18	118.0	109.71	14	0.71				
20	130.1	121.78	14	0.92				
21	136.2	127.82	16	0.99				
22	142.2	133.86	16	1.09				
23	148.2	139.90	16	1.20				
25	160.3	152.00	16	1.43				
26	166.4	158.04	16	1.56				
27	172.4	164.09	16	1.68				
28	178.5	170.13	16	1.82				
29	184.5	176.19	16	1.96				
30	190.6	182.25	16	2.10				
31	196.6	188.31	20	2.24				
32	202.7	194.35	20	2.39				
34	314.8	206.46	20	2.71				
35	220.9	212.52	20	2.88				
36	226.9	218.58	20	3.06				
38	239.0	230.69	20	3.42				
40	251.1	242.81	20	3.85				
42	265.2	254.93	25	4.19				

ASA 80 - 16A -1 rullo 15,88 mm - Dimensioni - Dimensions - B1=14.6 / C=3.2 / r3=27								
Materiale - Material C 45			Semplici - Simplex		Doppi - Douplex		Tripli - Triplex	
Z	de mm	dp mm	D1 mm	Peso Weight Kg.	D2 mm	Peso Weight Kg.	D3 mm	Peso Weight Kg.
12	109.7	98.14	16	0.77				
14	125.7	114.15	16	1.01				
16	141.8	130.20	20	1.43				
17	149.8	138.22	20	1.64				
18	157.8	146.28	20	1.85				
19	165.9	154.33	20	2.08				
20	173.9	162.38	20	2.12				
21	182.0	170.43	20	2.45				
22	190.1	178.48	20	2.84				
23	198.1	186.53	20	3.13				
24	206.2	194.59	20	3.42				
26	222.3	210.72	20	4.05				
28	238.4	226.85	20	4.73				
29	246.5	234.92	20	5.09				
30	254.6	243.00	20	5.46				
33	278.8	267.21	25	6.63				
34	286.9	275.28	25	7.06				
35	294.9	283.36	25	7.49				
38	319.2	307.59	25	8.88				

Corone per Catene a Rulli ASA

Plate Wheels for ASA Roller Chains

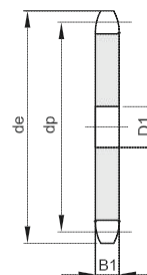
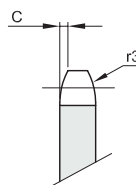
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ASA 100 - 20A -1 rullo 19,05 mm - Dimensioni - Dimensions - B1=17.6 / C=4 / r3=33.5								
Materiale - Material C 45			Semplici - Simplex		Doppi - Douplex		Tripli - Triplex	
Z	de mm	dp mm	D1 mm	Peso Weight Kg.	D2 mm	Peso Weight Kg.	D3 mm	Peso Weight Kg.
17	187.7	172.78	20	2.96				
18	197.8	182.85	20	3.28				
21	228.0	213.04	25	4.62				

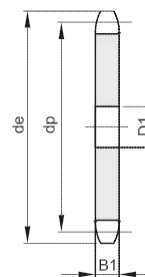
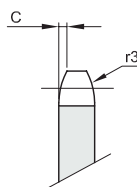
ASA 140 - 28A -1 rullo 25,4 mm - Dimensioni - Dimensions - B1=23.5 / C=5.8 / r3=47.5								
Materiale - Material C 45			Semplici - Simplex		Doppi - Douplex		Tripli - Triplex	
Z	de mm	dp mm	D1 mm	Peso Weight Kg.	D2 mm	Peso Weight Kg.	D3 mm	Peso Weight Kg.
9	146.0	129.96	20	2.07				
10	160.0	143.85	20	2.59				
11	174.0	157.77	25	3.04				
12	188.0	171.74	25	3.72				
13	204.0	185.75	25	4.37				
14	218.0	199.76	25	5.16				
16	246.0	227.84	30	6.85				
17	260.0	241.90	30	7.68				

ASA 120 - 24A -1 rullo 22,23 mm - Dimensioni - Dimensions - B1=23.5 / C=4.8 / r3=40.5								
Materiale - Material C 45			Semplici - Simplex		Doppi - Douplex		Tripli - Triplex	
Z	de mm	dp mm	D1 mm	Peso Weight Kg.	D2 mm	Peso Weight Kg.	D3 mm	Peso Weight Kg.
9	125.0	111.40	20	1.47				
10	137.0	123.29	20	1.85				
11	149.0	135.21	25	2.24				
13	173.0	159.18	25	3.22				
14	185.0	171.22	25	3.68				
15	197.0	183.26	25	4.34				
16	209.0	195.30	25	4.88				
17	221.0	207.34	25	5.69				
18	233.0	219.42	25	6.29				
20	257.5	243.57	25	7.95				
25	319.0	304.00	30	12.25				
35	440.0	425.04	30	24.65				



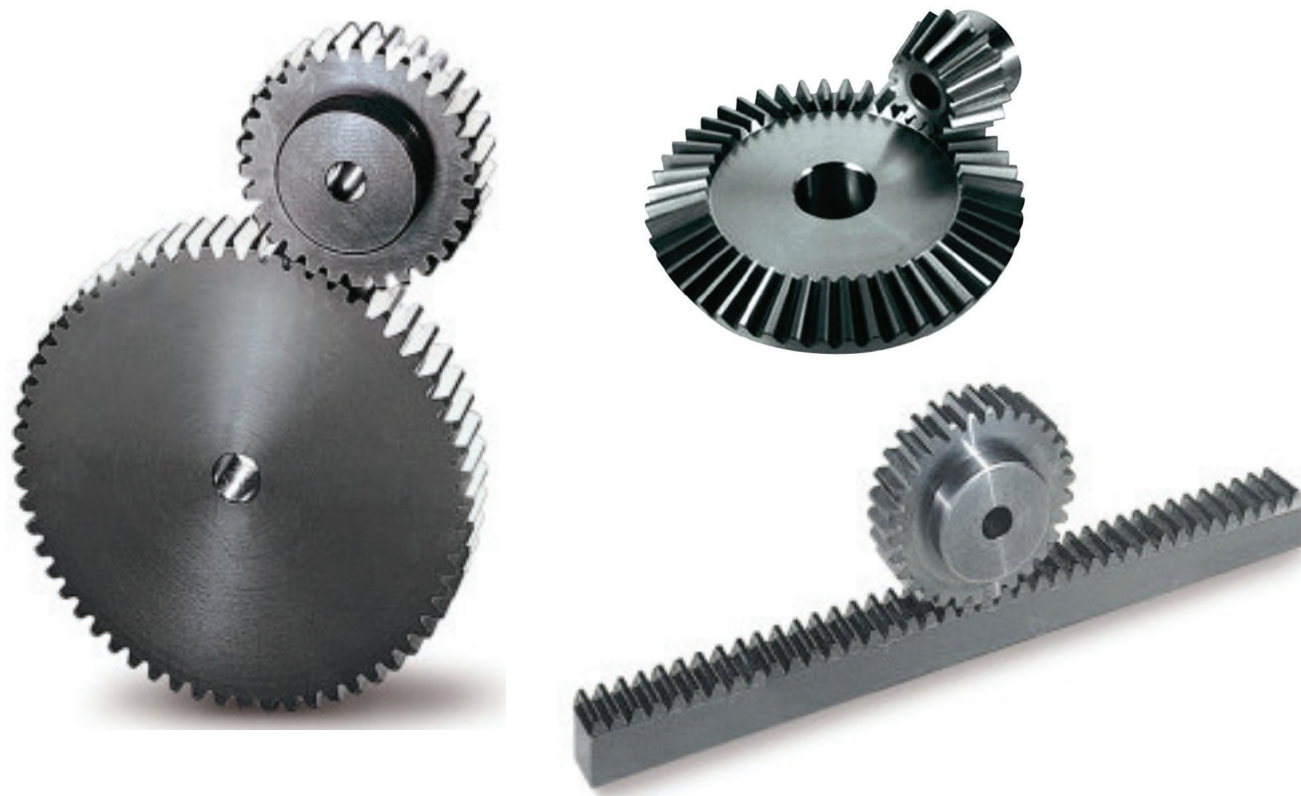
PASSO 50 - RULLO 25 mm - Dimensioni - Dimensions - B1=10.5 / C=3 / r3=50				
Materiale - Material C 45				
Z	de mm	dp mm	D1 mm	Peso Weight Kg.
6	121.0	100.00	20	0.55
7	136.0	115.24	20	0.76
8	151.5	130.65	20	0.92
9	167.0	146.20	20	1.15
10	183.0	161.80	25	1.52
11	198.5	177.50	25	1.86
12	214.0	193.20	25	2.20
13	230.0	208.95	25	2.56
14	245.5	224.70	25	2.99
15	261.5	240.45	25	3.40
16	277.5	256.30	30	3.94
17	293.0	272.11	30	4.73
18	309.0	287.95	30	4.94
19	325.0	303.80	30	6.00
20	340.5	319.60	30	6.10
21	356.5	335.45	30	7.39
22	372.5	351.35	30	7.88
23	388.0	367.20	30	8.15
24	404.0	383.05	30	8.68
25	420.0	398.95	30	9.66
28	467.5	446.55	30	13.15
30	499.5	478.35	30	14.82
35	579.0	557.80	30	19.10
38	626.5	605.45	30	21.50

PASSO 50 - RULLO 31 mm - Dimensioni - Dimensions - B1=13.5 / C=3 / r3=50				
Materiale - Material C 45				
Z	de mm	dp mm	D1 mm	Peso Weight Kg.
6	120.0	100.00	20	0.61
7	135.0	115.24	20	0.86
8	150.5	130.65	20	1.16
9	166.0	146.20	20	1.48
10	182.0	161.80	25	1.83
11	197.5	177.50	25	2.27
12	213.0	193.20	25	2.72
13	229.0	208.95	25	3.21
14	244.5	224.70	25	3.71
15	260.5	240.45	25	4.33
16	276.5	256.30	30	4.94
17	292.0	272.11	30	5.58
18	308.0	287.95	30	6.30
19	324.0	303.80	30	7.04
20	339.5	319.60	30	7.82
21	355.5	335.45	30	8.65
22	371.5	351.35	30	9.44
23	387.0	367.20	30	10.28
24	403.0	383.05	30	11.25
25	419.0	398.95	30	12.30
26	435.0	414.80	30	13.34
28	466.5	446.55	30	15.52
30	498.5	478.35	30	17.95
32	530.0	510.10	30	20.46
38	625.5	605.45	30	26.60

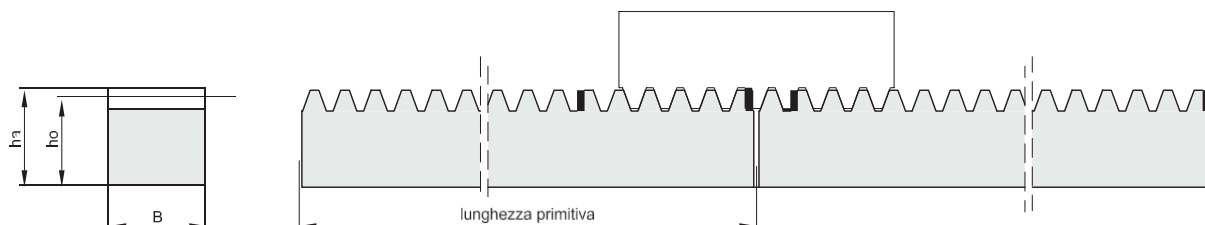


PASSO 50,8 - RULLO 30 mm - Dimensioni - Dimensions - B1=8.8 / C=3 / r3=50				
Materiale - Material C 45				
Z	de mm	dp mm	D1 mm	Peso Weight Kg.
8	149.0	132.74	20	0.67
10	182.0	164.39	20	1.22
12	214.0	196.27	25	1.81
14	247.0	228.29	25	2.49
16	279.0	260.39	30	3.24
PASSO 75 - RULLO 25 mm - Dimensioni - Dimensions - B1=10.5 / C=3 / r3=50				
Materiale - Material C 45				
Z	de mm	dp mm	D1 mm	Peso Weight Kg.
8	211.0	195.98	25	2.47
10	258.0	242.70	25	3.77
PASSO 75 - RULLO 31 mm - Dimensioni - Dimensions - B1=13.5 / C=3 / r3=50				
Materiale - Material C 45				
Z	de mm	dp mm	D1 mm	Peso Weight Kg.
6	168.0	150.00	25	1.68
8	215.0	195.98	25	2.94
9	238.0	219.30	25	3.78
10	261.0	242.70	30	4.50
11	286.0	266.25	30	5.57
12	309.0	289.80	30	6.70
13	333.0	313.42	30	7.80
14	357.0	337.05	30	9.12
15	380.0	360.73	30	10.42
16	404.0	384.45	30	11.98
20	499.0	479.40	30	18.35
21	523.0	503.17	30	20.62

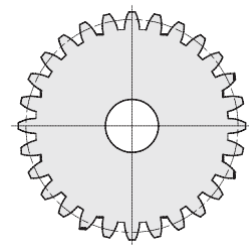
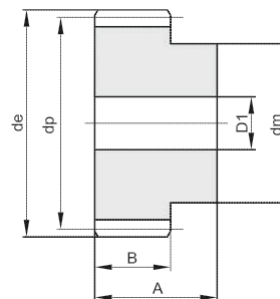
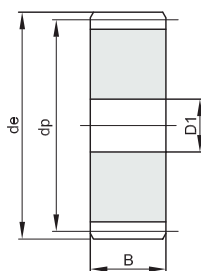
PASSO 100 - RULLO 31 mm - Dimensioni - Dimensions - B1=13.5 / C=3 / r3=50				
Materiale - Material C 45				
Z	de mm	dp mm	D1 mm	Peso Weight Kg.
6	218.0	200.00	25	3.32
7	249.0	230.48	25	4.32
8	280.0	361.31	30	5.50
9	311.0	292.40	30	6.95
10	342.0	323.61	30	8.57
11	375.0	354.95	30	10.29
12	406.0	386.40	30	12.45
13	437.0	417.90	30	14.45
14	469.0	449.40	30	16.84
15	500.0	480.97	30	19.36
16	532.0	512.60	30	21.76
PASSO 100 - RULLO 40 mm - Dimensioni - Dimensions - B1=20 / C=3 / r3=50				
Materiale - Material C 45				
Z	de mm	dp mm	D1 mm	Peso Weight Kg.
6	220.0	200.00	25	4.54
7	251.0	230.48	25	6.10
8	283.0	261.31	30	7.87
9	314.0	292.40	30	9.94
10	345.0	323.61	30	12.25
11	378.0	354.95	30	14.72
12	409.0	386.40	30	17.48
13	441.0	417.90	30	20.90



Ruote Dentate e Cremagliere
Gears and Racks

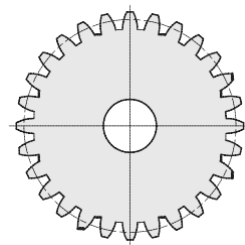
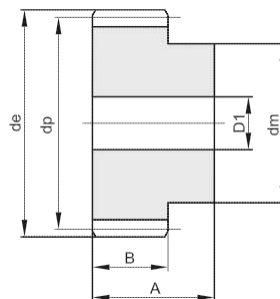
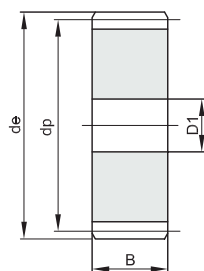


Materiale - Material C 45			Dimensioni - Dimension		
Modulo x Lungh. Module x Lenght	Lungh.primitiva Primitive Lenght mm	Denti Teeth	B x ha mm	ho mm	Peso Weight Kg.
1 x 500	499.51	159	15 x 15	14	0.80
1 x 1000	1002.17	319	15 x 15	14	1.60
1 x 2000	2001.19	637	15 x 15	14	3.30
1,5 x 500	504.22	107	17 x 17	15.5	1.00
1,5 x 1000	1003.74	213	17 x 17	15.5	2.10
1,5 x 2000	2002.77	425	17 x 17	15.5	4.10
2 x 500	502.65	80	20 x 20	18	1.40
2 x 1000	1005.31	160	20 x 20	18	2.80
2 x 2000	2004.34	319	20 x 20	18	5.60
2,5 x 500	502.65	64	25 x 25	22.5	2.20
2,5 x 1000	1005.31	128	25 x 25	22.5	4.40
2,5 x 2000	2002.77	255	25 x 25	22.5	8.70
3 x 500	508.94	54	30 x 30	27	3.20
3 x 1000	1008.45	107	30 x 30	27	6.30
3 x 2000	2007.48	213	30 x 30	27	12.60
4 x 500	502.65	40	40 x 40	36	5.60
4 x 1000	1005.31	80	40 x 40	36	11.20
4 x 2000	2010.62	160	40 x 40	36	22.40
5 x 500	502.65	32	50 x 50	45	8.70
5 x 1000	1005.31	64	50 x 50	45	17.50
5 x 2000	2010.62	128	50 x 50	45	35.00
6 x 1000	1017.88	54	60 x 60	54	25.20
6 x 2000	2016.90	107	60 x 60	54	50.40

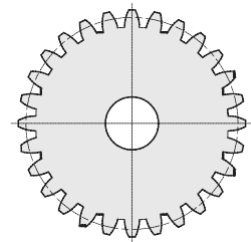
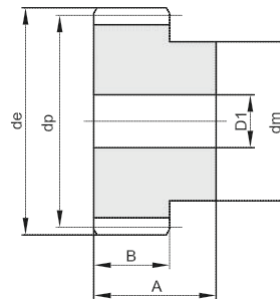
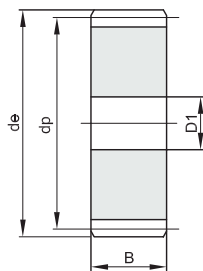


Modulo - Module 1 - angolo pressione - pressure angle 20°					
Materiale - Material C 45			Dim. A=25 / B=15		
Z	de mm	dp mm	dm mm	D1 mm	Peso Weight Kg.
12	14	12	9	-	0.01
13	15	13	10	-	0.02
14	16	14	11	-	0.02
15	17	15	12	-	0.02
16	18	16	13	-	0.03
17	19	17	14	-	0.03
18	20	18	15	8	0.03
19	21	19	15	8	0.04
20	22	20	16	8	0.04
21	23	21	16	8	0.05
22	24	22	16	8	0.05
23	25	23	18	8	0.06
24	26	24	20	10	0.06
25	27	25	20	10	0.07
26	28	26	20	10	0.07
27	29	27	20	10	0.08
28	30	28	20	10	0.08
29	31	29	20	10	0.09
30	32	30	20	10	0.09
31	33	31	25	10	0.11
32	34	32	25	10	0.12
33	35	33	25	10	0.12
34	36	34	25	10	0.13
35	37	35	25	10	0.14
36	38	36	25	10	0.14
37	39	37	25	10	0.15
38	40	38	25	10	0.16
39	41	39	25	10	0.16

Modulo - Module 1 - angolo pressione - pressure angle 20°					
Materiale - Material C 45			Dim. A=25 / B=15		
Z	de mm	dp mm	dm mm	D1 mm	Peso Weight Kg.
40	42	40	25	10	0.17
41	43	41	30	10	0.19
42	44	42	30	10	0.20
43	45	43	30	10	0.21
44	46	44	30	10	0.22
45	47	45	30	10	0.23
46	48	46	30	10	0.23
47	49	47	30	10	0.24
48	50	48	30	10	0.25
49	51	49	30	10	0.26
50	52	50	30	12	0.26
51	53	51	40	12	0.32
52	54	52	40	12	0.33
53	55	53	40	12	0.33
54	56	54	40	12	0.34
55	57	55	40	12	0.36
56	58	56	40	12	0.37
57	59	57	40	12	0.38
58	60	58	40	12	0.39
59	61	59	40	12	0.40
60	62	60	40	12	0.41
61	63	61	50	12	0.47
62	64	62	50	12	0.49
63	65	63	50	12	0.50
64	66	64	50	12	0.51
65	67	65	50	12	0.52
66	68	66	50	12	0.53
67	69	67	50	12	0.55

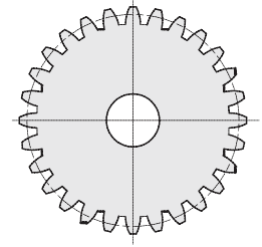
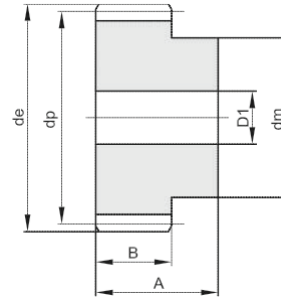
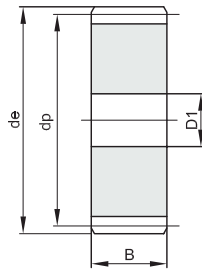


Modulo - Module 1 - angolo pressione - pressure angle 20°					
Materiale - Material C 45			Dim. A=25 / B=15		
Z	de mm	dp mm	dm mm	D1 mm	Peso Weight Kg.
68	70	68	50	12	0.56
69	71	69	50	12	0.57
70	72	70	50	12	0.58
72	74	72	-	12	0.46
75	77	75	-	12	0.51
76	78	76	-	12	0.52
80	82	80	-	12	0.58
85	87	85	-	12	0.65
90	92	90	-	12	0.73
95	97	95	-	12	0.82
100	102	100	-	12	0.91
110	112	110	-	12	1.10
114	116	114	-	12	1.19
120	122	120	-	12	1.32
127	129	127	-	12	1.47

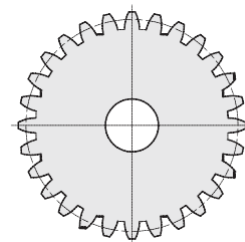
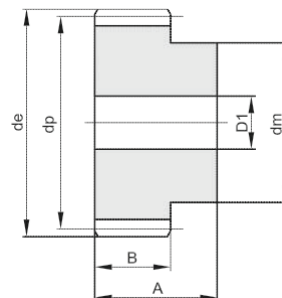
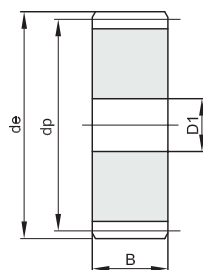


Modulo - Module 1,5 - angolo pressione - pressure angle 20°					
Materiale - Material C 45			Dim. A=30 / B=17		
Z	de mm	dp mm	dm mm	D1 mm	Peso Weight Kg.
12	21.0	18.0	14	8	0.04
13	22.5	19.5	15	8	0.05
14	24.0	21.0	17	8	0.06
15	25.5	22.5	18	8	0.07
16	27.0	24.0	19	8	0.08
17	28.5	25.5	20	8	0.09
18	30.0	27.0	20	8	0.10
19	31.5	28.5	20	8	0.10
20	33.0	30.0	25	8	0.13
21	34.5	31.5	25	10	0.13
22	36.0	33.0	25	10	0.14
23	37.5	34.5	25	10	0.16
24	39.0	36.0	25	10	0.17
25	40.5	37.5	25	10	0.18
26	42.0	39.0	30	12	0.20
27	43.5	40.5	30	12	0.22
28	45.0	42.0	30	12	0.23
29	46.5	43.5	30	12	0.24
30	48.0	45.0	30	12	0.26
31	49.5	46.5	35	12	0.30
32	51.0	48.0	35	12	0.31
33	52.5	49.5	35	12	0.33
34	54.0	51.0	35	12	0.34
35	55.5	52.5	35	12	0.36
36	57.0	54.0	35	12	0.37
37	58.5	55.5	40	12	0.42
38	60.0	57.0	40	12	0.44
39	61.5	58.5	40	12	0.46

Modulo - Module 1,5 - angolo pressione - pressure angle 20°					
Materiale - Material C 45			Dim. A=30 / B=17		
Z	de mm	dp mm	dm mm	D1 mm	Peso Weight Kg.
40	63.0	60.0	40	12	0.48
41	64.5	61.5	40	12	0.50
42	66.0	63.0	50	12	0.59
43	67.5	64.5	50	12	0.61
44	69.0	66.0	50	12	0.63
45	70.5	67.5	50	12	0.65
46	72.0	69.0	50	14	0.66
47	73.5	70.5	50	14	0.70
48	75.0	72.0	50	14	0.70
49	76.5	73.5	50	14	0.73
50	78.0	75.0	50	14	0.76
51	79.5	76.5	60	14	0.86
52	81.0	78.0	60	14	0.89
53	82.5	79.5	60	14	0.91
54	84.0	81.0	60	14	0.94
55	85.5	82.5	60	14	0.96
56	87.0	84.0	60	16	0.98
57	88.5	85.5	60	16	1.00
58	90.0	87.0	60	16	1.03
59	91.5	88.5	60	16	1.06
60	93.0	90.0	60	16	1.09
61	94.5	91.5	70	16	1.22
62	96.0	93.0	70	16	1.25
63	97.5	94.5	70	16	1.28
64	99.0	96.0	70	16	1.31
65	100.5	97.5	70	16	1.34
66	102.0	99.0	70	16	1.37
67	103.5	100.5	70	16	1.40

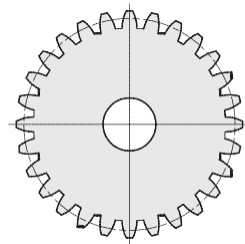
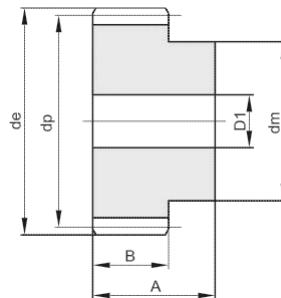
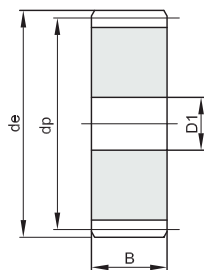


Modulo - Module 1,5 - angolo pressione - pressure angle 20°					
Materiale - Material C 45			Dim. A=30 / B=17		
Z	de mm	dp mm	dm mm	D1 mm	Peso Weight Kg.
68	105.0	102.0	70	16	1.43
69	106.5	103.5	70	16	1.46
70	108.0	105.0	70	16	1.50
72	111.0	108.0	-	16	1.19
75	115.5	112.5	-	16	1.30
76	117.0	114.0	-	16	1.33
80	123.0	120.0	-	16	1.48
85	130.5	127.5	-	16	1.67
90	138.0	135.0	-	16	1.88
95	145.5	142.5	-	16	2.09
100	153.0	150.0	-	16	2.32
110	168.0	165.0	-	16	2.82
114	174.0	171.0	-	16	3.03
120	183.0	180.0	-	16	3.36
127	193.5	190.5	-	16	3.77

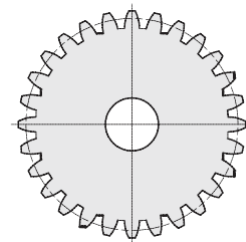
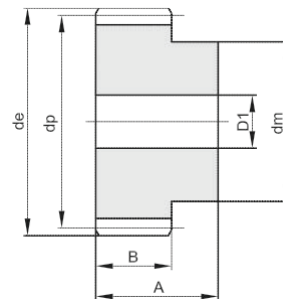
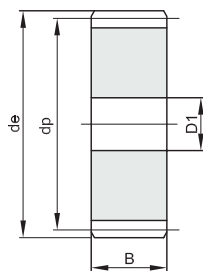


Modulo - Module 2 - angolo pressione - pressure angle 20°					
Materiale - Material C 45			Dim. A=35 / B=20		
Z	de mm	dp mm	dm mm	D1 mm	Peso Weight Kg.
12	28	24	18	10	0.08
13	30	26	20	10	0.10
14	32	28	22	10	0.12
15	34	30	24	10	0.14
16	36	32	25	10	0.16
17	38	34	25	10	0.18
18	40	36	25	10	0.19
19	42	38	25	10	0.21
20	44	40	30	10	0.26
21	46	42	30	12	0.27
22	48	44	30	12	0.29
23	50	46	30	12	0.31
24	52	48	35	12	0.36
25	54	50	35	12	0.39
26	56	52	40	12	0.45
27	58	54	40	12	0.47
28	60	56	40	12	0.50
29	62	58	40	14	0.52
30	64	60	40	14	0.55
31	66	62	45	14	0.61
32	68	64	45	14	0.65
33	70	66	45	14	0.68
34	72	68	45	14	0.71
35	74	70	45	14	0.74
36	76	72	45	14	0.78
37	78	74	50	14	0.86
38	80	76	50	14	0.90
39	82	78	50	14	0.93

Modulo - Module 2 - angolo pressione - pressure angle 20°					
Materiale - Material C 45			Dim. A=35 / B=20		
Z	de mm	dp mm	dm mm	D1 mm	Peso Weight Kg.
40	84	80	50	14	0.97
41	86	82	55	16	1.05
42	88	84	55	16	1.09
43	90	86	55	16	1.13
44	92	88	60	16	1.23
45	94	90	60	16	1.27
46	96	92	60	16	1.31
47	98	94	70	16	1.48
48	100	96	70	16	1.53
49	102	98	70	16	1.57
50	104	100	70	16	1.62
51	106	102	70	16	1.67
52	108	104	70	16	1.72
53	110	106	70	16	1.78
54	112	108	70	16	1.83
55	114	110	70	16	1.88
56	116	112	70	16	1.94
57	118	114	70	16	1.99
58	120	116	70	16	2.05
59	122	118	70	16	2.11
60	124	120	70	16	2.16
61	126	122	80	16	2.36
62	128	124	80	16	2.42
63	130	126	80	16	2.48
64	132	128	80	16	2.55
65	134	130	80	16	2.61
66	136	132	80	16	2.67
67	138	134	80	16	2.74

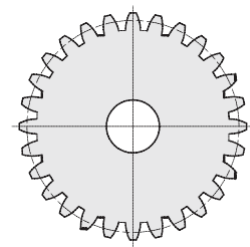
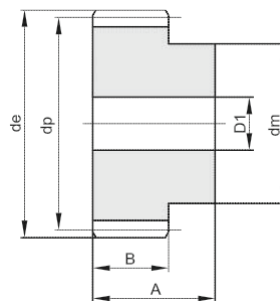
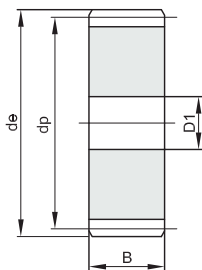


Modulo - Module 2 - angolo pressione - pressure angle 20°					
Materiale - Material C 45			Dim. A=35 / B=20		
Z	de mm	dp mm	dm mm	D1 mm	Peso Weight Kg.
68	140	136	80	16	2.81
69	142	138	80	16	2.87
70	144	140	80	16	2.94
72	148	144	-	16	2.50
75	154	150	-	20	2.71
76	156	152	-	20	2.79
80	164	160	-	20	3.09
85	174	170	-	20	3.50
90	184	180	-	20	3.93
95	194	190	-	20	4.39
100	204	200	-	20	4.87
110	224	220	-	20	5.90
114	232	228	-	20	6.34
120	244	240	-	20	7.03
127	258	254	-	20	7.89

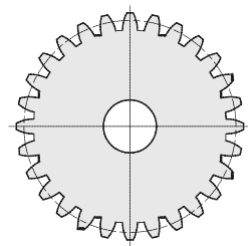
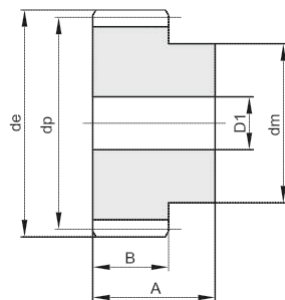
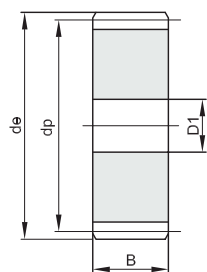


Modulo - Module 2,5 - angolo pressione - pressure angle 20°					
Materiale - Material C 45			Dim. A=45 / B=25		
Z	de mm	dp mm	dm mm	D1 mm	Peso Weight Kg.
12	35.0	30.0	22	10	0.17
13	37.5	32.5	25	10	0.21
14	40.0	35.0	28	10	0.25
15	42.5	37.5	30	10	0.30
16	45.0	40.0	32	12	0.33
17	47.5	42.5	35	12	0.38
18	50.0	45.0	35	12	0.42
19	52.5	47.5	35	12	0.45
20	55.0	50.0	40	12	0.54
21	57.5	52.5	40	14	0.56
22	60.0	55.0	45	14	0.66
23	62.5	57.5	45	14	0.70
24	65.0	60.0	45	14	0.74
25	67.5	62.5	50	14	0.85
26	70.0	65.0	50	14	0.90
27	72.5	67.5	50	14	0.95
28	75.0	70.0	50	14	1.00
29	77.5	72.5	50	14	1.06
30	80.0	75.0	55	14	1.18
31	82.5	77.5	55	16	1.22
32	85.0	80.0	55	16	1.28
33	87.5	82.5	55	16	1.34
34	90.0	85.0	55	16	1.41
35	92.5	87.5	60	16	1.54
36	95.0	90.0	60	16	1.61
37	97.5	92.5	60	16	1.68
38	100.0	95.0	60	16	1.75
39	102.5	97.5	60	16	1.83

Modulo - Module 2,5 - angolo pressione - pressure angle 20°					
Materiale - Material C 45			Dim. A=45 / B=25		
Z	de mm	dp mm	dm mm	D1 mm	Peso Weight Kg.
40	105.0	100.0	70	16	2.06
41	107.5	102.5	70	16	2.14
42	110.0	105.0	70	16	2.22
43	112.5	107.5	70	16	2.30
44	115.0	110.0	70	16	2.38
45	117.5	112.5	70	16	2.47
46	120.0	115.0	70	20	2.52
47	122.5	117.5	80	20	2.80
48	125.0	120.0	80	20	2.88
49	127.5	122.5	80	20	2.98
50	130.0	125.0	80	20	3.07
51	132.5	127.5	80	20	3.17
52	135.0	130.0	90	20	3.48
53	137.5	132.5	90	20	3.58
54	140.0	135.0	90	20	3.68
55	142.5	137.5	90	20	3.78
56	145.0	140.0	100	20	4.13
57	147.5	142.5	100	20	4.23
58	150.0	145.0	100	20	4.34
59	152.5	147.5	100	20	4.46
60	155.0	150.0	100	20	4.57
65	167.5	132.5	-	20	3.99
70	180.0	175.0	-	20	4.64
72	185.0	180.0	-	20	4.91
75	192.5	187.5	-	20	5.33
76	195.0	190.0	-	20	5.48
80	205.0	200.0	-	25	6.04
85	217.5	212.5	-	25	6.84



Modulo - Module 2,5 - angolo pressione - pressure angle 20°					
Materiale - Material C 45			Dim. A=45 / B=25		
Z	de mm	dp mm	dm mm	D1 mm	Peso Weight Kg.
90	230.0	225.0	-	25	7.68
95	242.5	237.5	-	25	8.57
100	255.0	250.0	-	25	9.51
110	280.0	275.0	-	25	11.53
114	290.0	285.0	-	25	12.39
120	305.0	300.0	-	25	13.74
127	322.5	317.5	-	25	15.40



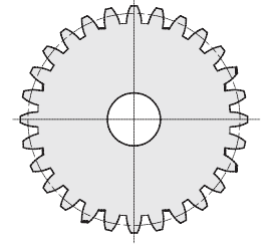
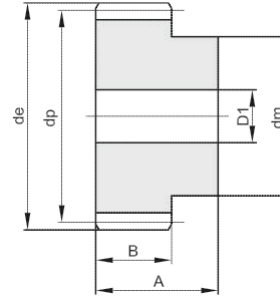
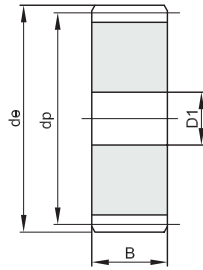
Modulo - Module 3 - angolo pressione - pressure angle 20°					
Materiale - Material C 45			Dim. A=50 / B=30		
Z	de mm	dp mm	dm mm	D1 mm	Peso Weight Kg.
12	42	36	27	12	0.28
13	45	39	30	12	0.34
14	48	42	33	12	0.41
15	51	45	35	12	0.47
16	54	48	38	14	0.54
17	57	51	42	14	0.63
18	60	54	45	14	0.72
19	63	57	45	14	0.78
20	66	60	45	14	0.84
21	69	63	45	16	0.89
22	72	66	50	16	1.02
23	75	69	50	16	1.10
24	78	72	50	16	1.18
25	81	75	60	16	1.39
26	84	78	60	16	1.48
27	87	81	60	16	1.56
28	90	84	60	16	1.66
29	93	87	60	16	1.75
30	96	90	60	16	1.85
31	99	93	60	16	1.95
32	102	96	70	16	2.21
33	105	99	70	16	2.32
34	108	102	70	16	2.43
35	111	105	70	16	2.55
36	114	108	70	20	2.62
37	117	111	70	20	2.74
38	120	114	80	20	3.05
39	123	117	80	20	3.18
40	126	120	80	20	3.31

Modulo - Module 3 - angolo pressione - pressure angle 20°					
Materiale - Material C 45			Dim. A=50 / B=30		
Z	de mm	dp mm	dm mm	D1 mm	Peso Weight Kg.
41	129	123	80	20	3.44
42	132	126	80	20	3.58
43	135	129	80	20	3.72
44	138	132	90	20	4.07
45	141	135	90	20	4.22
46	144	138	90	20	4.37
47	147	141	100	20	4.76
48	150	144	100	20	4.92
50	156	150	-	20	4.06
52	162	156	-	20	4.40
55	171	165	-	20	4.93
57	177	171	-	20	5.30
60	186	180	-	20	5.89
65	201	195	-	20	6.92
70	216	210	-	25	8.00
72	222	216	-	25	8.47
75	231	225	-	25	9.21
76	234	228	-	25	9.46
80	246	240	-	25	10.49
85	261	255	-	25	11.86
90	276	270	-	25	13.32
95	291	285	-	25	14.86
100	306	300	-	25	16.48
110	336	320	-	25	19.97
114	348	342	-	30	21.40
120	366	360	-	30	23.74
127	387	381	-	30	26.61

Ruote dentate Cilindriche

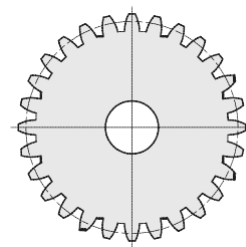
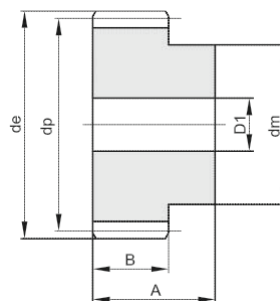
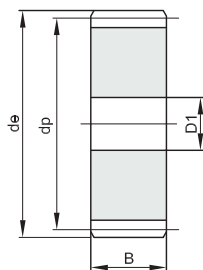
Cylindrical Gears

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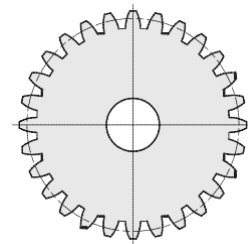
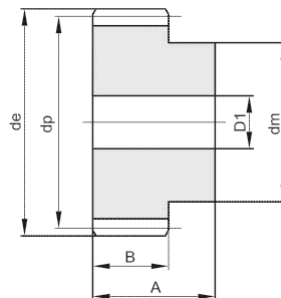
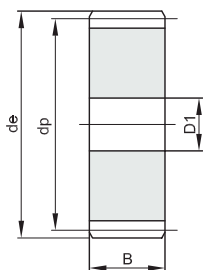
Modulo - Module 4 - angolo pressione - pressure angle 20°					
Materiale - Material C 45			Dim. A=60 / B=40		
Z	de mm	dp mm	dm mm	D1 mm	Peso Weight Kg.
12	56	48	35	14	0.63
13	60	52	40	14	0.78
14	64	56	45	14	0.93
15	68	60	45	14	1.05
16	72	64	50	16	1.20
17	76	68	50	16	1.33
18	80	72	50	16	1.47
19	84	76	60	16	1.75
20	88	80	60	16	1.90
21	92	84	70	16	2.22
22	96	88	70	16	2.39
23	100	92	75	20	2.60
24	104	96	75	20	2.79
25	108	100	75	20	2.98
26	112	104	75	20	3.18
27	116	108	75	20	3.39
28	120	112	75	20	3.60
29	124	116	75	20	3.83
30	128	120	75	20	4.06
31	132	124	80	20	4.39
32	136	128	80	20	4.64
33	140	132	80	20	4.90
34	144	136	80	20	5.16
35	148	140	80	20	5.43
36	152	144	80	25	5.63
38	160	152	-	25	5.20
40	168	160	-	25	6.11
45	188	180	-	25	7.78
48	200	192	-	25	8.87

Modulo - Module 4 - angolo pressione - pressure angle 20°					
Materiale - Material C 45			Dim. A=60 / B=40		
Z	de mm	dp mm	dm mm	D1 mm	Peso Weight Kg.
50	208	200	-	25	9.65
52	216	208	-	25	10.45
55	228	220	-	25	11.71
57	236	228	-	25	12.59
60	248	240	-	25	13.97
65	268	260	-	25	16.43
70	288	280	-	25	19.09
75	308	300	-	25	21.94
76	312	304	-	30	22.47
80	328	320	-	30	24.93
85	348	340	-	30	28.18
90	368	360	-	30	31.62
95	388	380	-	30	35.26
100	408	400	-	30	39.11
110	448	440	-	30	47.38
114	464	456	-	30	50.91

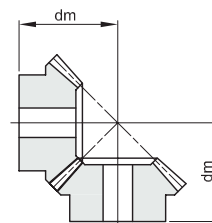
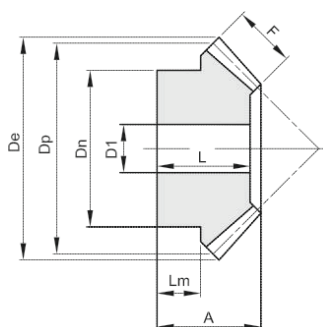


Modulo - Module 5 - angolo pressione - pressure angle 20°					
Materiale - Material C 45			Dim. A=75 / B=50		
Z	de mm	dp mm	dm mm	D1 mm	Peso Weight Kg.
12	70	60	45	20	1.21
13	75	65	50	20	1.47
14	80	70	55	20	1.76
15	85	75	60	20	2.07
16	90	80	65	20	2.40
17	95	85	70	20	2.75
18	100	90	70	20	3.02
19	105	95	70	20	3.30
20	110	100	80	20	3.83
21	115	105	80	20	4.15
22	120	110	80	20	4.48
23	125	115	90	20	5.08
24	130	120	90	20	5.44
25	135	125	90	20	5.82
26	140	130	100	20	6.50
27	145	135	100	20	6.91
28	150	140	100	25	7.22
29	155	145	110	25	7.98
30	160	150	110	25	8.44
32	170	160	-	25	7.62
35	185	175	-	25	9.16
38	200	190	-	25	10.84
40	210	200	-	25	12.04
45	235	225	-	25	15.30
48	250	240	-	25	17.44
50	260	250	-	30	18.86
52	270	260	-	30	20.43
55	285	275	-	30	22.89
57	295	285	-	30	24.62

Modulo - Module 5 - angolo pressione - pressure angle 20°					
Materiale - Material C 45			Dim. A=75 / B=50		
Z	de mm	dp mm	dm mm	D1 mm	Peso Weight Kg.
60	310	300	-	30	27.31
65	335	325	-	30	32.12
70	360	350	-	30	37.31
75	385	375	-	30	42.88
76	390	380	-	30	44.04
80	410	400	-	30	48.84
85	435	425	-	30	55.19
90	460	450	-	30	61.92
95	485	475	-	30	69.03
100	510	500	-	30	76.53
110	560	550	-	30	92.69
114	580	570	-	30	99.59



Modulo - Module 6 - angolo pressione - pressure angle 20°					
Materiale - Material C 45			Dim. A=80 / B=60		
Z	de mm	dp mm	dm mm	D1 mm	Peso Weight Kg.
12	84	72	54	20	1.98
13	90	78	60	20	2.38
15	102	90	70	20	3.29
16	108	95	75	20	3.80
18	120	108	80	20	4.76
20	132	120	90	20	5.99
24	156	144	110	25	8.70
25	162	150	110	25	9.33
28	180	168	-	25	10.00
30	192	180	-	25	11.55
32	204	192	-	25	13.22
35	222	210	-	25	15.79
38	240	228	-	25	18.74
40	252	240	-	25	20.75

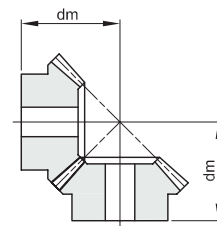
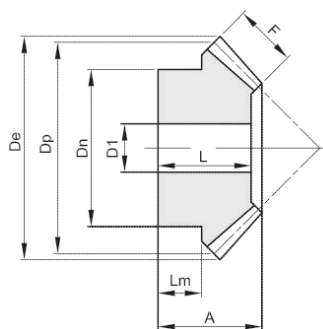


Rapporto 1:1 - angolo pressione - pressure angle 20°											
Materiale - Material C 45			Angolo Alberi - Shafts Angle - 90°								
modulo module M	denti teeths Z	De mm	Dp mm	A mm	F mm	Dn mm	D1 mm	dm mm	L mm	Lm mm	Peso Weight Kg.
1,5	16	26.1	24.0	18	8	18	8	23.8	17	8.9	0.03
1,5	20	32.1	30.0	20	8	22	10	28.7	18	9.8	0.05
1,5	22	35.1	33.0	20	8	25	10	30.2	18	9.7	0.07
1,5	25	39.6	37.5	23	8	28	10	35.4	21	12.0	0.10
1,5	30	47.1	45.0	25	10	30	12	39.7	22.5	12.0	0.15
2	16	34.8	32.0	20	9	25	10	28.8	17	9.3	0.06
2	20	42.8	40.0	25	12	32	10	35.7	22	12.0	0.14
2	22	46.8	44.0	25	12	36	10	37.7	22	11.7	0.18
2	25	52.8	50.0	28	14	40	12	42.3	25	12.3	0.25
2	30	62.8	60.0	30	16	50	12	47.8	27	12.8	0.41
2,5	16	43.5	40.0	25.5	10	32	12	37.3	22	13.3	0.13
2,5	20	53.5	50.0	30.5	12	40	12	45.9	27	16.0	0.27
2,5	22	58.5	55.0	30.5	12	45	12	48.3	27	15.9	0.34
2,5	25	66.0	62.5	33.5	15	50	15	53.0	30	16.0	0.47
2,5	30	78.5	75.0	35.5	18	55	15	59.1	32	16.0	0.69
3	16	52.2	48.0	30	12	40	15	44.2	26	16.2	0.24
3	20	64.2	60.0	35	18	45	15	51.1	31	13.6	0.41
3	22	70.2	66.0	35	18	50	15	54.0	31	13.0	0.52
3	25	79.2	75.0	38	20	55	15	60.0	34	16.0	0.72
3	30	94.2	90.0	40	22	60	20	68.1	36	19.0	0.99
3,5	16	60.9	56.0	35.5	16	45	15	50.8	31	17.2	0.38
3,5	20	74.9	70.0	40.5	22	55	15	58.6	36	19.0	0.68
3,5	22	81.9	77.0	40.5	22	60	15	62.0	36	18.0	0.84
3,5	25	92.4	87.5	43.5	26	65	20	67.5	39	18	1.10
3,5	30	109.9	105.0	45.5	30	70	20	75.4	41	17	1.61

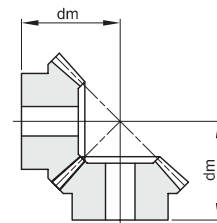
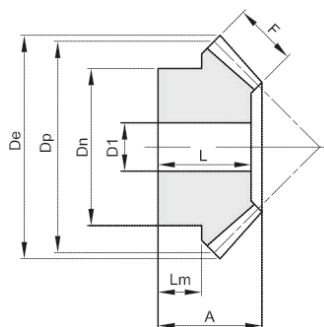
Ruote dentate coniche denti diritti tipo "A"

Conical Straight Toothed Gears type "A"

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Rapporto 1:1 - angolo pressione - pressure angle 20°											
Materiale - Material C 45			Angolo Alberi - Shafts Angle - 90°								
modulo module M	denti teeths Z	De mm	Dp mm	A mm	F mm	Dn mm	D1 mm	dm mm	L mm	Lm mm	Peso Weight Kg.
4	16	69.6	64.0	38	18	50	15	55.6	33	16.6	0.52
4	20	85.6	80.0	43	25	60	18	63.8	38	18.0	0.90
4	22	93.6	88.0	43	25	65	18	67.7	38	18.0	1.11
4	25	105.6	100.0	45	28	70	20	73.5	40	18.0	1.45
4	30	125.6	120.0	48	32	80	25	83.7	43	16.0	2.66
4,5	16	78.3	72.0	43	20	55	18	63.0	37	18.5	0.73
4,5	20	96.3	90.0	48	28	65	20	71.5	42	18.0	1.25
4,5	22	105.3	99.0	48	28	70	20	75.8	42	18.0	1.55
4,5	25	118.8	112.5	50	32	75	20	81.8	44	18.0	2.04
4,5	30	141.3	135.0	53	35	90	25	93.8	47	17.0	3.24
5	16	87.0	80.0	45.5	22	60	20	67.8	39	17.8	0.94
5	20	107.1	100.0	50.5	30	70	20	77.3	44	18.5	1.61
5	22	117.1	110.0	50.5	30	80	20	82.2	44	18.5	2.08
5	25	132.1	125.0	54.5	35	90	20	90.2	48	18.5	2.94
5	30	157.1	150.0	56.5	38	110	30	102.4	50	18.0	4.46

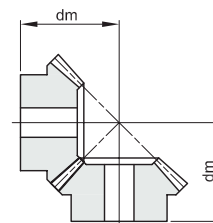
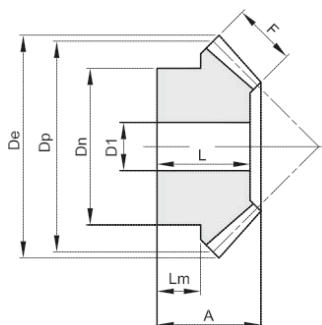


Rapporto 1:2 - angolo pressione - pressure angle 20°											
Materiale - Material C 45			Angolo Alberi - Shafts Angle - 90°								
modulo module M	denti teeths Z	De mm	Dp mm	A mm	F mm	Dn mm	D1 mm	dm mm	L mm	Lm mm	Peso Weight Kg.
1,5	16	26.7	24	18.5	8	21	10	34.9	17	10.3	0.04
1,5	32	49.3	48	20	8	32	12	27.5	17.5	10.0	0.14
2	16	35.6	32	23	10	27	10	45.4	21	12.2	0.09
2	32	65.8	64	25	10	40	12	35.2	22	10.0	0.14
2,5	16	44.4	40	27.5	12	34	12	56.0	25	14.4	0.16
2,5	32	82.2	80	30	12	50	15	43.0	26.5	15.0	0.59
3	16	53.4	48	28	15	40	15	61.6	25	11.6	0.23
3	32	98.7	96	35	15	60	15	50.4	30.5	15.0	1.05
3,5	16	62.3	56	33.5	18	48	15	72.3	30.5	14.4	0.40
3,5	32	115.1	112	40	18	70	20	57.7	35	19.0	1.57
4	16	71.1	64	36	20	50	20	80.8	32	13.4	0.49
4	32	131.6	128	45	20	80	20	65.5	39.5	23.0	2.29
4,5	16	80.1	72	39.5	22	60	20	90.4	35	15.4	0.75
4,5	32	148.0	144	50	22	80	25	73.2	43.5	24.0	2.99
5	16	88.9	80	50	25	60	20	106.1	45	21.1	1.07
5	32	164.5	160	55	25	85	25	80.6	48	27.0	3.95

Ruote dentate coniche denti diritti tipo "A"

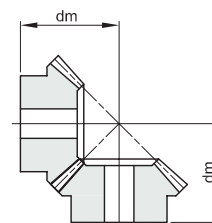
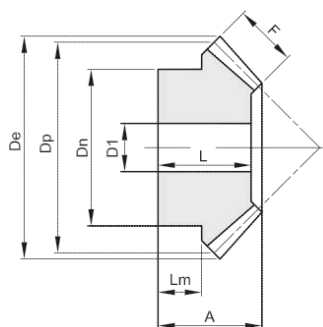
Conical Straight Toothed Gears type "A"

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Rapporto 1:3 - angolo pressione - pressure angle 20°

Materiale - Material C 45			Angolo Alberi - Shafts Angle - 90°								
modulo module M	denti teeths Z	De mm	Dp mm	A mm	F mm	Dn mm	D1 mm	dm mm	L mm	Lm mm	Peso Weight Kg.
1,5	16	26.9	24	22	12	20	10	46.3	21	9.7	0.04
1,5	48	72.9	72	22	12	42	15	29.2	19	12.0	0.31
2	16	35.8	32	25.5	15	25	12	58.9	24	9.4	0.08
2	48	97.3	96	26	15	50	15	35.9	22	13.0	0.67
2,5	16	44.7	40	28	18	33	14	70.4	26	9.2	0.15
2,5	48	121.6	120	32	18	60	20	44.6	27	16.0	1.22
3	16	53.7	48	30	18	42	15	84.2	28	11.2	0.27
3	48	145.9	144	38	18	65	20	54.1	32	19.0	2.01
3,5	16	62.6	56	36.5	22	48	15	98.8	34	13.4	0.45
3,5	48	170.2	168	44	22	75	20	62.5	37	23.0	3.08
4	16	71.6	64	42	25	55	20	113.3	39	15.7	0.67
4	48	194.5	192	50	25	85	22	71.2	42	27	4.40
4,5	16	80.6	72	53	28	60	20	133.4	50	23.4	1.05
4,5	48	218.8	216	58	28	90	25	81.9	49	27.0	7.23
5	16	89.5	80	60	35	60	20	145.7	57	22.5	1.38
5	48	243.1	240	65	35	100	28	90.5	55	35.0	8.72

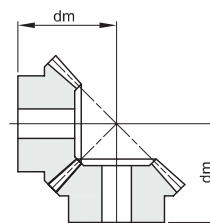
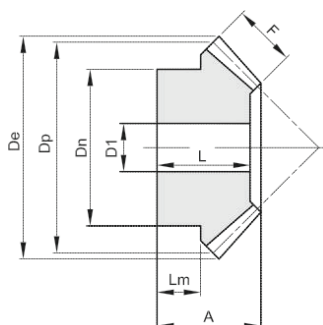


Rapporto 1:4 - angolo pressione - pressure angle 20°

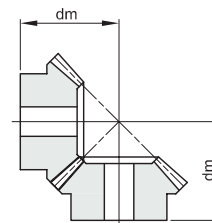
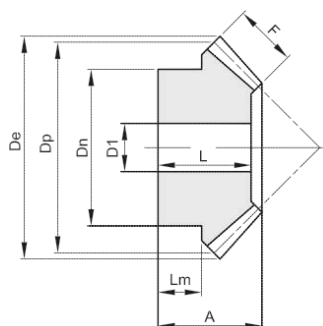
Materiale - Material C 45			Angolo Alberi - Shafts Angle - 90°								
modulo module M	denti teeths Z	De mm	Dp mm	A mm	F mm	Dn mm	D1 mm	dm mm	L mm	Lm mm	Peso Weight Kg.
1,5	16	26.9	24	25	12	18	10	61.1	24	12.2	0.04
1,5	64	96.7	96	25	12	60	15	33	22	13.0	0.75
2	16	35.9	32	24	15	25	12	73.1	23	8.5	0.08
2	64	129.0	128	28	15	70	20	38.9	24	14.0	1.35
2,5	16	44.9	40	30.5	18	34	15	92.6	29	11.7	0.18
2,5	64	161.2	160	35	18	80	20	48.8	30	16.0	2.70
3	16	53.8	48	32	20	40	15	108	30	11.1	0.29
3	64	193.5	192	42	20	90	20	58.8	36	22	4.12
3,5	16	62.8	56	40	25	45	15	127.1	38	14.0	0.48
3,5	64	225.7	224	50	25	100	25	69.3	43	22.0	7.53
4	16	71.7	64	50	30	50	20	148.2	48	18.5	0.75
4	64	257.9	256	60	30	110	28	81.8	52	30.0	10.66
4,5	16	80.7	72	55	32	60	20	167.1	53	21.6	1.12
4,5	64	290.1	288	65	32	120	30	89.8	57	35.0	13.80
5	16	89.7	80	60	35	65	20	185.1	58	23.2	1.54
5	64	322.4	320	70	35	120	30	97.7	61	42.0	15.60

Ruote dentate coniche denti diritti tipo "B" Conical Straight Toothed Gears type "B"

K.S.F.®
Power Transmission



Rapporto 1:1 - angolo pressione - pressure angle 20°											
Materiale - Material C 45			Angolo Alberi - Shafts Angle - 90°								
modulo module M	denti teeths Z	De mm	Dp mm	A mm	F mm	Dn mm	D1 mm	dm mm	L mm	Lm mm	Peso Weight Kg.
1	16	17.4	16.0	11.2	4	13.3	4	16	-	6.7	0.02
1	19	20.4	19.0	11.8	4	15.3	4	18	-	6.6	0.02
1	22	23.4	22.0	12.8	4.7	16.3	5	20	-	6.1	0.02
1	26	27.4	26.0	13.3	5.5	20.3	5	22	-	7.0	0.04
1	30	31.4	30.0	16.0	6.4	20.3	5	26	-	8.0	0.05
1,5	16	26.1	24.0	18.9	6	20.3	8	26	-	12.2	0.04
1,5	19	30.6	28.5	21.3	7	20.3	8	30	-	11.6	0.05
1,5	22	35.1	33.0	22.5	7.5	25.3	8	33	-	12.7	0.09
1,5	26	41.1	39.0	23.2	8.5	28.3	8	36	-	12.0	0.12
1,5	30	47.1	45.0	27.2	10	30.0	12	42	-	12.1	0.17
2	16	34.8	32.0	23.5	8	25.3	8	33	-	13.6	0.08
2	19	40.8	38.0	24.2	9	25.3	8	36	-	12.0	0.11
2	22	46.8	44.0	27.9	10	30.3	10	42	-	14.0	0.18
2	26	54.8	52.0	31.4	12	35.3	12	48	-	13.7	0.28
2	30	62.8	60.0	34.1	13	40.3	12	54	-	17.0	0.41
2,5	16	43.5	40.0	28.1	10	30.3	12	40	-	15.2	0.14
2,5	19	51.0	47.5	27.1	11	35.3	12	42	-	13.0	0.21
2,5	22	58.5	55.0	30.1	12	45.3	12	48	-	15.7	0.36
2,5	26	68.5	65.0	33.2	15	45.3	15	54	-	16.0	0.47
2,5	30	78.5	75.0	39.0	16	50.3	15	64	-	20.0	0.74
3	16	52.2	48.0	31.7	12	40.3	12	46	-	18.1	0.28
3	19	61.2	57.0	36.0	13	40.3	14	54	-	17.1	0.39
3	22	70.2	66.0	36.9	15	50.3	15	58	-	17.1	0.59
3	26	82.2	78.0	38.4	17	50.3	15	64	-	18.0	0.77
3	30	94.2	90.0	43.8	19	60.3	20	74	-	22.0	1.19

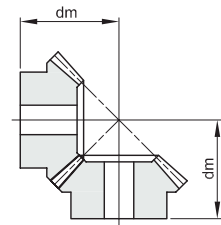
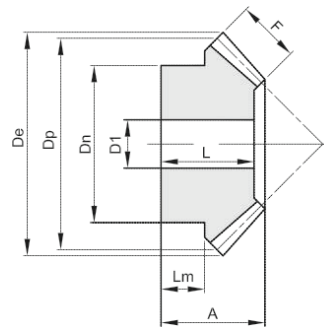


Rapporto 1:1 - angolo pressione - pressure angle 20°											
Materiale - Material C 45			Angolo Alberi - Shafts Angle - 90°								
modulo module M	denti teeths Z	De mm	Dp mm	A mm	F mm	Dn mm	D1 mm	dm mm	L mm	Lm mm	Peso Weight Kg.
3,5	16	60.9	56.0	36.4	14	45.3	15	53	-	19.8	0.41
3,5	19	71.4	66.5	36.9	15	50.3	15	58	-	18.0	0.59
3,5	22	81.9	77.0	39.1	17	55.3	15	64	-	18.0	0.84
3,5	26	95.9	91.0	42.2	20	60.3	20	72	-	20.0	1.17
3,5	30	110.0	105.0	47.3	23	70.3	20	82	43	22.0	1.69
4	16	69.7	64.0	44.3	15	50.3	15	64	-	25.1	0.66
4	19	81.7	76.0	44.4	18	55.3	18	68	-	22.0	0.88
4	22	93.7	88.0	45.9	20	60.3	18	74	-	22.0	1.21
4	26	109.7	104.0	48.0	23	70.3	20	82	43	22.0	1.68
4	30	125.7	120.0	54.2	26	80.3	25	94	49	25.0	2.50
4,5	16	78.4	72.0	46.3	17.5	55.3	18	68	-	25.0	0.84
4,5	19	91.8	85.5	47.3	20	60.3	20	74	-	25.0	1.15
4,5	22	105.3	99.0	50.1	22	70.3	20	82	-	25.0	1.72
4,5	26	123.3	117.0	53.2	25	75.3	20	92	45	25.0	2.22
4,5	30	141.4	135.0	60.0	29	80.3	25	105	54	28.0	3.25
5	16	87.1	80.0	48.9	18	60.3	20	74	-	25.0	1.10
5	19	102.1	95.0	52.2	22	60.3	20	82	-	25.0	1.50
5	22	117.1	110.0	58.2	24	80.3	20	94	52	30.0	2.39
5	26	137.1	130.0	62.7	29	80.3	20	105	57	30.0	3.27
5	30	157.1	150.0	68.9	32	80.3	30	119	63	35.0	4.13

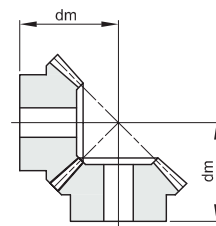
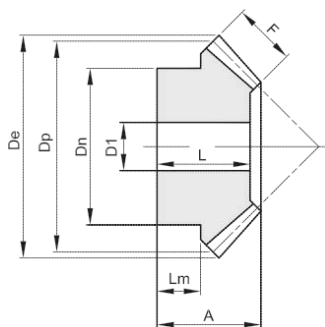
Ruote dentate coniche denti diritti tipo "B"

Conical Straight Toothed Gears type "B"

K.S.F.®
Power Transmission



Rapporto 1:2 - angolo pressione - pressure angle 20°											
Materiale - Material C 45			Angolo Alberi - Shafts Angle - 90°								
modulo module M	denti teeths Z	De mm	Dp mm	A mm	F mm	Dn mm	D1 mm	dm mm	L mm	Lm mm	Peso Weight Kg.
1	15	17.4	15.0	11.9	5	13.3	4	22	-	6.6	0.02
1	30	30.6	30.0	15.1	5	20.3	5	20	14	9.0	0.05
1,5	15	26.1	22.5	21.1	9	20.3	8	35	-	12.0	0.04
1,5	30	45.9	45.0	25.2	9	32.3	8	32	23	16.0	0.17
2	15	34.8	30.0	26	11.5	25.3	8	45	-	13.8	0.09
2	30	61.2	60.0	29.8	11.5	40.3	12	39	27	18.0	0.32
2,5	15	43.5	37.5	31.8	15	32.3	12	55	-	16.2	0.17
2,5	30	76.5	75.0	33.7	15	45.3	15	45	30	20.0	0.50
3	15	52.2	45.0	37.3	17	40.3	12	66	-	19.8	0.33
3	30	91.8	90.0	42.1	17	55.3	15	56	38	25.0	0.96
3,5	15	60.9	52.5	46.1	20.5	45.3	15	79	-	24.7	0.50
3,5	30	107.1	105.0	45	20.5	60.3	20	61	40	25.0	1.31
4	15	69.6	60.0	48.6	22.5	50.3	20	87	-	24.6	0.65
4	30	122.3	120.0	57.3	22.5	80.3	20	76	52	35.0	2.52
4,5	15	78.3	67.5	51.4	26	60.3	20	94	-	24.7	0.97
4,5	30	137.6	135.0	60.3	26	80.3	25	81	53	35.0	2.95
5	15	87.0	75.0	57.6	30	60.3	20	104	-	25.3	1.23
5	30	152.9	150.0	62.5	30	80.3	25	85	56	35.0	3.56



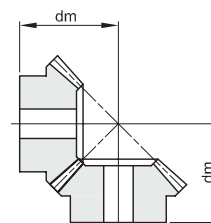
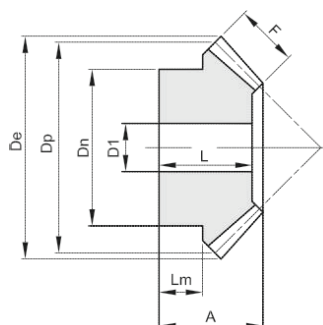
Rapporto 1:3 - angolo pressione - pressure angle 20°

Materiale - Material C 45			Angolo Alberi - Shafts Angle - 90°								
modulo module M	denti teeths Z	De mm	Dp mm	A mm	F mm	Dn mm	D1 mm	dm mm	L mm	Lm mm	Peso Weight Kg.
1	15	17.7	15.0	16.6	7.1	13.3	4	32	-	9.3	0.02
1	45	45.3	45.0	17.1	7.1	25.3	8	22	15	10.0	0.09
1,5	15	26.5	22.5	22.6	10.5	19.3	8	46	-	11.7	0.04
1,5	45	68.1	67.5	29.6	10.5	45.3	14	37	27	20.0	0.40
2	15	35.4	30.0	28.9	14	25.3	8	60	-	14.2	0.11
2	45	90.8	90.0	32.1	14	45.3	15	42	29	20.0	0.62
2,5	15	44.2	37.5	34.6	18	32.3	12	73	-	15.9	0.20
2,5	45	113.4	112.5	39.7	18	60.3	20	52	36	25.0	1.23
3	15	53.0	45.0	41.3	21	40.3	15	88	-	19.7	0.35
3	45	136.1	135.0	47.2	21	60.3	20	62	42.5	30.0	1.83
3,5	15	61.9	52.5	49.6	23.5	45.3	15	105	-	25.1	0.57
3,5	45	158.8	157.5	54.4	23.5	80.3	20	72	49	35.0	3.21
4	15	70.7	60.0	54.3	27.5	50.3	20	117	-	25.4	0.75
4	45	181.5	180.0	57.0	27.5	80.3	22	77	51	35.0	2.53
4,5	15	79.5	67.5	55.2	28.5	55.3	20	128	-	24.8	1.02
4,5	45	204.2	202.5	63.9	28.5	90.3	25	87	57	40.0	5.70
5	15	88.4	75.0	65.3	33	60.3	20	145	-	30.0	1.47
5	45	226.9	225.0	66.7	33	90.3	28	92	59	40.0	7.22

Ruote dentate coniche denti diritti tipo "B"

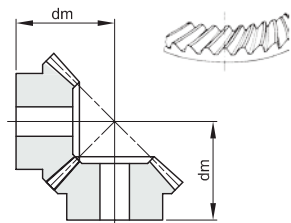
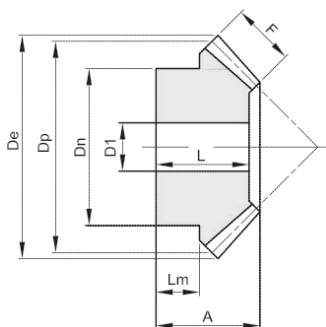
Conical Straight Toothed Gears type "B"

K.S.F.®
Power Transmission



Rapporto 1:4 - angolo pressione - pressure angle 20°

Materiale - Material C 45			Angolo Alberi - Shafts Angle - 90°								
modulo module M	denti teeths Z	De mm	Dp mm	A mm	F mm	Dn mm	D1 mm	dm mm	L mm	Lm mm	Peso Weight Kg.
1	15	17.8	15.0	17.2	9.3	13.3	4	38	-	7.7	0.02
1	60	60.3	60.0	17.1	9.3	30.3	8	22	15	10.0	0.16
1,5	15	26.7	22.5	23.0	11	20.3	8	57	-	11.7	0.05
1,5	60	90.4	90.0	34	11	50.3	15	42	31	25.0	0.63
2	15	35.6	30.0	31	16	25.3	8	75	-	14.4	0.12
2	60	120.6	120.0	37.6	16	60.3	16	48	34	25.0	1.28
2,5	15	44.5	37.5	38.1	19	32.3	14	94	-	18.4	0.21
2,5	60	150.7	150.0	44.8	19	60.3	20	58	40	30.0	1.92
3	15	53.3	45.0	48.1	23	40.3	15	115	-	24.5	0.42
3	60	180.8	180.0	53.2	23	80.3	20	69	48	35.0	3.75
3,5	15	62.2	52.5	52.1	26	45.3	15	131	-	25.1	0.62
3,5	60	211.0	210.0	60.4	26	90.3	25	79	54	40.0	5.60
4	15	71.1	60.0	55.1	30	50.3	20	145	-	23.8	0.81
4	60	241.1	240.0	60.8	30	90.3	28	82	53	40.0	6.43
4,5	15	79.9	67.5	59.1	34	60.3	20	160	-	24.1	1.17
4,5	60	271.2	270.0	68.2	34	100.3	30	92	61	40.0	11.30
5	15	88.8	75.0	68.1	38	70.3	20	180	-	29.4	1.85
5	60	301.3	300.0	73.5	38	110.3	30	100	66	40.0	16.51



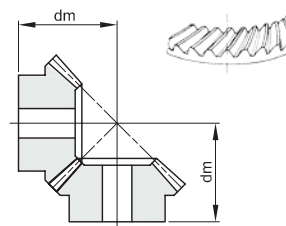
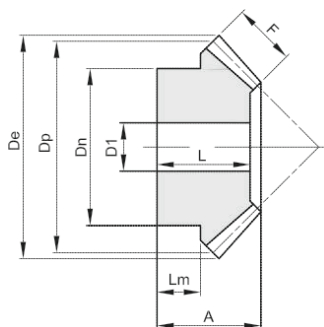
RUOTA MINORE CON ELICA SINISTRORSA
RUOTA MAGGIORE CON ELICA DESTROSA

Rapporto 1:1 - angolo pressione - pressure angle 20°											
Materiale - Material C 45			Angolo Alberi - Shafts Angle - 90°								
modulo module M	denti teeths Z	De mm	Dp mm	A mm	F mm	Dn mm	D1 mm	dm mm	L mm	Lm mm	Peso Weight Kg.
2	16	34.4	32.0	20.1	9	25	10	29	17.0	9.5	0.06
2	20	42.4	40.0	25.2	12	32	10	36	22.0	12.0	0.14
2	25	52.4	50.0	27.6	14	40	12	42	24.5	12.0	0.25
2	30	62.4	60.0	30.1	16	50	12	48	27.0	13.0	0.42
2,5	16	43.0	40.0	25.0	10	32	12	37	22.0	13.0	0.13
2,5	20	53.0	50.0	30.5	12	40	12	46	27.5	16.0	0.27
2,5	25	65.5	62.5	33.3	15	50	15	53	30.0	16.0	0.47
2.5	30	78.0	75.0	35.2	18	55	15	59	32.0	16.0	0.69
3	16	51.6	48.0	29.7	12	40	15	44	26.0	16.0	0.23
3	20	63.6	60.0	34.8	18	45	15	51	31.0	13.5	0.41
3	25	78.6	75.0	37.8	20	55	15	60	34.0	16.0	0.72
3	30	93.6	90.0	39.7	22	60	20	68	36.0	19.0	0.99
3,5	16	60.2	56.0	34.3	14	45	15	51	30.0	17.5	0.36
3,5	20	74.2	70.0	36.1	15	55	15	59	31.5	19.0	0.62
3,5	25	91.7	87.5	40.5	21	65	20	68	36.0	18.0	1.11
3,5	30	109.2	105.0	41.9	24	70	20	76	37.5	17.0	1.64
4	16	68.8	64.0	36.2	15	50	15	56	31.0	17.0	0.51
4	20	84.8	80.0	37.7	17	60	18	64	32.5	18.0	0.81
4	25	104.8	100.0	40.5	21	70	20	74	35.0	18.0	1.33
4	30	124.8	120.0	43.4	25	80	25	84	38.0	16.0	2.10
4,5	16	77.4	72.0	39.5	15	55	18	63	33.5	18.5	0.67
4,5	20	95.4	90.0	43.0	20	65	20	72	37.0	18.0	1.14
4,5	25	117.9	112.5	45.3	25	75	20	82	39.0	18.0	1.87
4,5	30	140.4	135.0	48.2	28	90	25	94	42.0	17.0	2.98
5	16	86.0	80.0	42.1	17	60	20	68	36.0	18.0	0.88
5	20	106.0	100.0	45.0	21	70	20	78	38.5	18.5	1.47
5	25	131.0	125.0	48.0	26	90	20	90	41.5	18.5	2.67
5	30	156.0	150.0	52.7	32	110	30	103	46.0	18.0	4.25

Ruote dentate coniche con denti Spiroidali

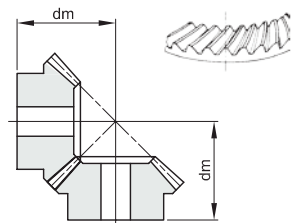
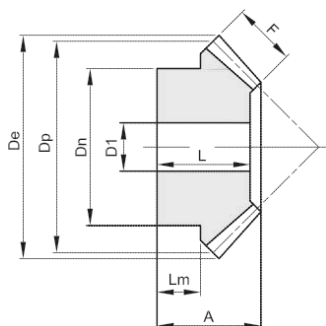
Conical Spiral Toothed Gears

K.S.F.®
Power Transmission



RUOTA MINORE CON ELICA SINISTRORSA
RUOTA MAGGIORE CON ELICA DESTROSA

Rapporto 1:2 - angolo pressione - pressure angle 20°											
Materiale - Material C 45			Angolo Alberi - Shafts Angle - 90°								
modulo module M	denti teeths Z	De mm	Dp mm	A mm	F mm	Dn mm	D1 mm	dm mm	L mm	Lm mm	Peso Weight Kg.
2	16	36.1	32	22.6	10	27	10	45	21.0	11.7	0.09
2	32	65.0	64	24.1	10	40	12	35	21.5	10.0	0.32
2,5	16	45.1	40	27.6	12	34	12	56	25.5	14.5	0.17
2,5	32	81.2	80	29.2	12	50	15	43	25.5	15.0	0.57
3	16	54.1	48	28.4	15	40	15	62	25.5	12.0	0.25
3	32	97.5	96	34.6	15	60	15	51	30.0	15.0	1.03
3,5	16	63.2	56	33.3	18	48	15	72	30.5	14.0	0.42
3,5	32	113.7	112	39.1	18	70	20	58	34.0	19.0	1.51
4	16	72.2	64	36.3	20	50	20	81	32.5	13.5	0.52
4	32	130.0	128	44.2	20	80	20	66	38.5	23.0	2.21
4,5	16	81.2	72	40.2	22	60	20	91	35.5	16.0	0.80
4,5	32	146.2	144	49.3	22	80	25	74	42.5	24	2.88
5	16	90.2	80	50.1	25	60	20	106	45.5	21.0	1.16
5	32	162.5	160	53.7	25	85	25	81	46.5	27.0	2.79

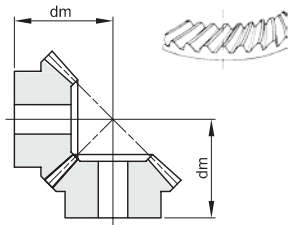
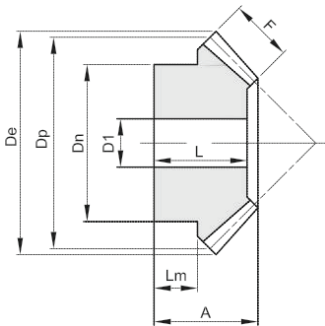


RUOTA MINORE CON ELICA SINISTRORSA
RUOTA MAGGIORE CON ELICA DESTROSA

Rapporto 1:3 - angolo pressione - pressure angle 20°											
Materiale - Material C 45			Angolo Alberi - Shafts Angle - 90°								
modulo module M	denti teeths Z	De mm	Dp mm	A mm	F mm	Dn mm	D1 mm	dm mm	L mm	Lm mm	Peso Weight Kg.
2	16	36.5	32	25.7	15	25	12	59	24.0	9.7	0.09
2	48	96.6	96	25.3	15	50	15	36	21.5	13.0	0.62
2,5	16	45.7	40	27.7	18	33	14	70	26.0	8.9	0.17
2,5	48	120.8	120	31.4	18	60	20	45	26.5	16.0	1.19
3	16	54.8	48	29.9	18	42	15	84	28.0	11.0	0.29
3	48	145.0	144	36.7	18	65	20	54	31.0	19.0	1.91
3,5	16	63.9	56	36.8	22	48	15	99	34.0	13.6	0.48
3,5	48	169.1	168	43.1	22	75	20	63	36.0	23.0	2.31
4	16	73.1	64	41.8	25	55	20	113	39.0	15.5	0.70
4	48	193.3	192	49.2	25	85	22	72	41.0	27.0	4.21
4,5	16	82.2	72	53.8	28	60	20	134	50.0	24	1.14
4,5	48	217.4	216	56.3	28	90	25	82	47.5	27.0	7.03
5	16	91.4	80	60.5	35	60	20	146	57.0	22.7	1.45
5	48	241.6	240	63.5	35	100	28	91	53.5	35.0	8.42

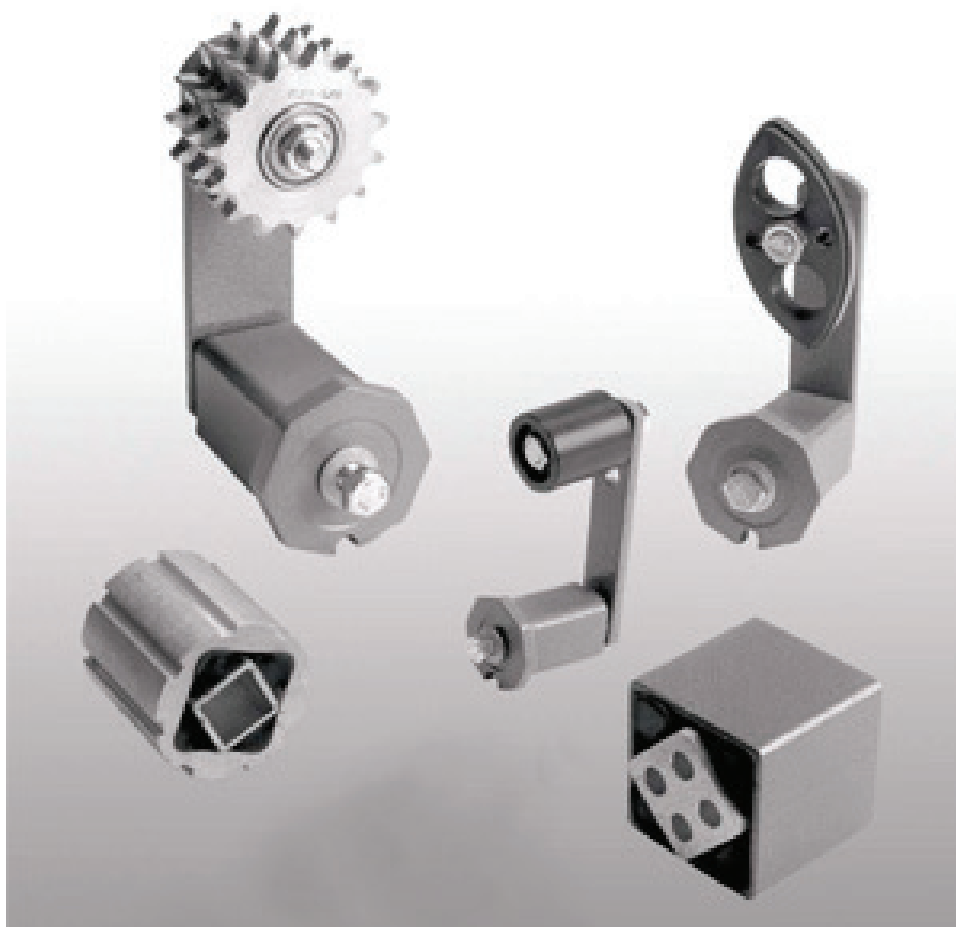
Ruote dentate coniche con denti Spiroidali

Conical Spiral Toothed Gears



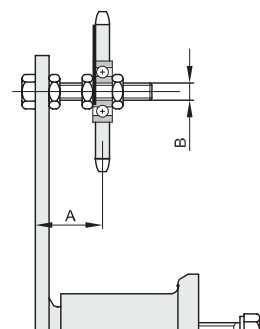
RUOTA MINORE CON ELICA SINISTRORSA
 RUOTA MAGGIORE CON ELICA DESTRORSA

Rapporto 1:4 - angolo pressione - pressure angle 20°											
Materiale - Material C 45			Angolo Alberi - Shafts Angle - 90°								
modulo module M	denti teeths Z	De mm	Dp mm	A mm	F mm	Dn mm	D1 mm	dm mm	L mm	Lm mm	Peso Weight Kg.
2	16	36.7	32	24	15	25	12	73	23.0	8.2	0.09
2	64	128.5	128	27.3	15	70	20	39	23.0	14.0	1.30
2,5	16	45.9	40	31	18	34	15	93	29.0	12.2	0.20
2,5	64	160.6	160	34.2	18	80	20	49	29.0	16.0	2.59
3	16	55.1	48	32.1	20	40	15	108	30.0	11.0	0.31
3	64	192.7	192	40.9	20	90	20	59	35.0	22.0	3.94

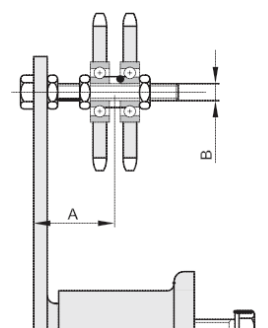


Tendicatena
Chain Tensioner

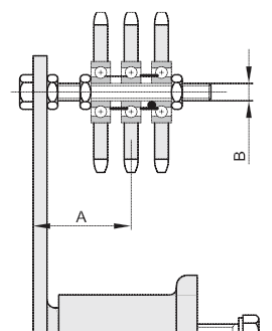
Codice Code	Catena Chain	ISO	Denti Teeth n°	A mm	B	Peso Weight Kg.
KEKS 3-1	3/8"x7/32"	06B-1	15	20 - 50	M10	0.60
KEKS 4-1	1/2"x5/16"	08B-1	15	20 - 50	M10	0.65
KEKS 5-1	5/8"x3/8"	10B-1	15	26 - 67	M12	2.32
KEKS 5-1B	3/4"x7/16"	12B-1	15	26 - 67	M12	2.55
KEKS 6-1	1"x17,02 mm	16B-1	13	37 - 102	M20	5.00
KEKS 7-1	1"1/4x3/4"	20B-1	13	39 - 122	M20	8.55
KEKS 8-1	1"1/2x1"	24B-1	11	39 - 142	M20	8.90



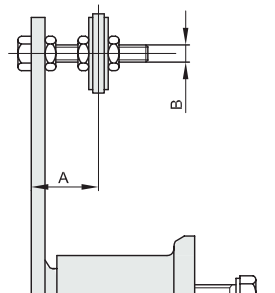
Codice Code	Catena Chain	ISO	Denti Teeth n°	A mm	B	Peso Weight Kg.
KEKS 3-2	3/8"x7/32"	06B-2	15	25 - 44	M10	0.65
KEKS 4-2	1/2"x5/16"	08B-2	15	27 - 43	M10	1.15
KEKS 5-2	5/8"x3/8"	10B-2	15	34 - 59	M12	2.55
KEKS 5-2B	3/4"x7/16"	12B-2	15	36 - 57	M12	3.00
KEKS 6-2	1"x17,02 mm	16B-2	13	52 - 86	M20	5.80
KEKS 7-2	1"1/4x3/4"	20B-2	13	57 - 104	M20	10.10
KEKS 8-2	1"1/2x1"	24B-2	11	63 - 118	M20	10.75



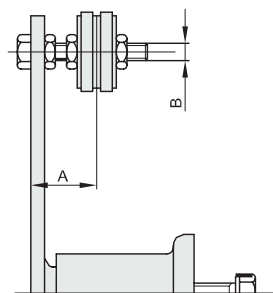
Codice Code	Catena Chain	ISO	Denti Teeth n°	A mm	B	Peso Weight Kg.
KEKS 4-3	3/8"x7/32"	06B-3	15	31 - 39	M10	0.95
KEKS 5-3	1/2"x5/16"	08B-3	15	40 - 53	M12	2.45
KEKS 6-3	5/8"x3/8"	10B-3	15	53 - 85	M20	4.95
KEKS 6-3B	3/4"x7/16"	12B-3	15	56 - 83	M20	5.20
KEKS 7-3	1"x17,02 mm	16B-3	13	70 - 70	M20	9.40
KEKS 7-3B	1"1/4x3/4"	20B-3	13	75 - 86	M20	11.70
KEKS 7-3C	1"1/2x1"	24B-3	11	87 - 94	M20	12.70



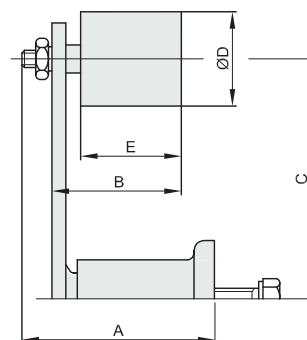
Codice Code	Catena Chain	ISO	A mm	B	Peso Weight Kg.
KECRS 2-1	3/8"x7/32"	06B-1	18 - 35	M8	0.30
KECRS 3-1	1/2"x5/16"	08B-1	23 - 45	M10	0.56
KECRS 4-1	5/8"x3/8"	10B-1	24 - 44	M10	0.82
KECRS 5-1	3/4"x7/16"	12B-1	30 - 60	M12	2.17

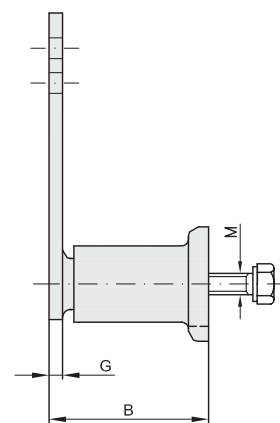
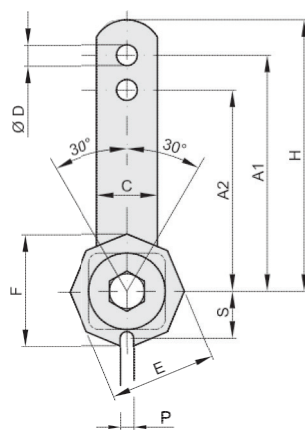


Codice Code	Catena Chain	ISO	A mm	B	Peso Weight Kg.
KECRS 2-2	3/8"x7/32"	06B-2	25 - 30	M8	0.32
KECRS 3-2	1/2"x5/16"	08B-2	30 - 34	M10	0.60
KECRS 4-2	5/8"x3/8"	10B-2	34 - 46	M10	0.90
KECRS 5-2	3/4"x7/16"	12B-2	40 - 52	M12	2.31

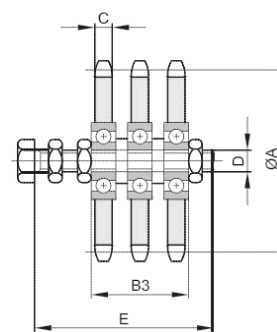
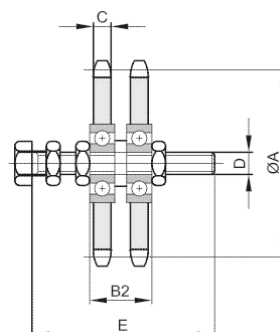
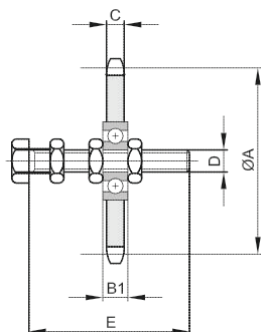


Codice Code	A mm	B mm	C mm	diam.D mm	E mm	Peso Weight Kg.
KERE 2	61	43	80	30	35	0.32
KERE 3	70	56	100	40	45	0.62
KERE 4	88	57	100	40	45	0.85
KERE 5	122	76	130	60	60	2.34
KERE 6	158	109	175	80	90	4.90
KERE 7	211	154	220	80	135	8.20

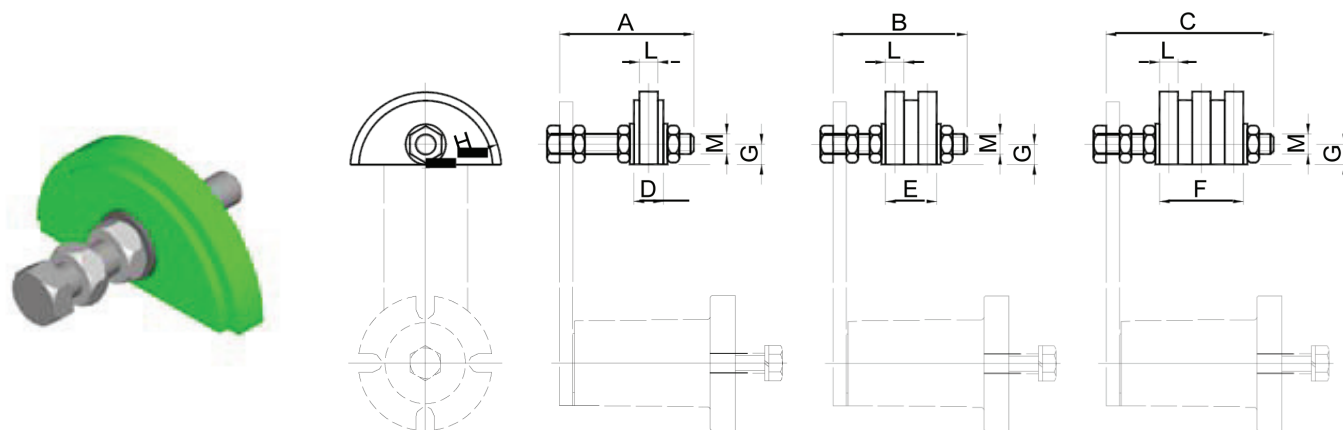




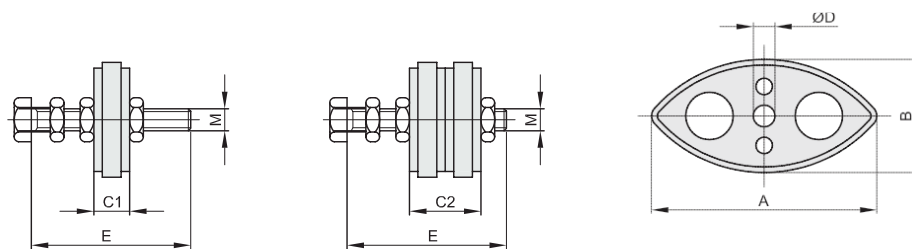
Codice Code	A1 mm	Forza Torque Nm	A2 mm	Forza Torque Nm	B mm	C mm	diam.D mm	E mm	F mm	G mm	H mm	M	P mm	S mm	Peso Weight Kg.
KE 2	80	0-90	60	0-110	52	20	8.5	35	38	5	90	M6	8	16	0.25
KE 3	100	0-140	80	0-170	63	25	10.5	46	48	5	112.5	M8	8.5	21	0.45
KE 4	100	0-320	80	0-430	78	30	10.5	56	59	6	115	M10	8.5	25	0.68
KE 5	130	0-820	100	0-1050	108	50	12.5	72	76	8	155	M12	10.5	32	1.95
KE 6	175	0-1500	140	0-1880	140	60	20.5	93	97	10	205	M16	12.5	41	3.70
KE 7	220	0-2500	175	0-3200	198	70	20.5	106	112	12	255	M20	12.5	51	6.50



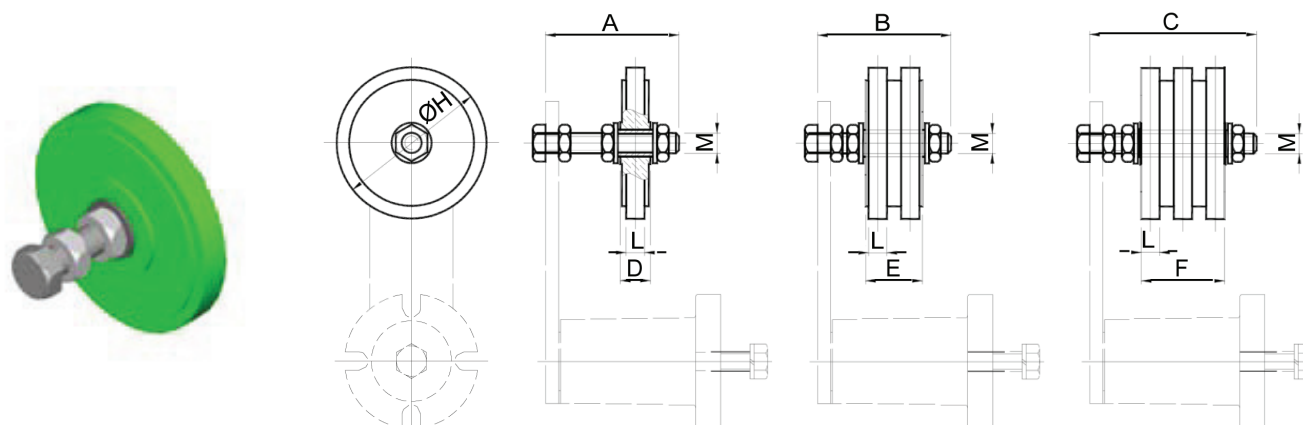
Codice Code	ISO	Denti Teeths n°	diam.A mm	B1 mm	B2 mm	B3 mm	C mm	D mm	E mm	SX - Peso Weight Kg.	DX - Peso Weight Kg.	TX - Peso Weight Kg.
KKS 3/8"x7/32"	06B-1-2-3	15	45.81	9	19.2	29.4	5.7	M10	60	0.15	0.20	0.25
KKS 1/2"x5/16"	08B-1-2	15	61.08	9	22.9	-	7.2	M10	60	0.20	0.35	-
KKS 1/2"x5/16"	08B-1-2-3	16	61.08	12	26.0	40.0	7.2	M12	80	0.23	0.45	0.50
KKS 5/8"x3/8"	10B-1-2-3	15	76.36	12	28.6	45.2	9.1	M12	80	0.37	0.60	0.95
KKS 5/8"x3/8"	10B-1-2-3	15	76.36	15	31.5	48.2	9.1	M20	120	0.70	1.00	1.25
KKS 3/4"x7/16"	12B-1-2	15	91.63	12	31.5	-	11.5	M12	80	0.60	1.05	-
KKS 3/4"x7/16"	12B-1-2-3	15	91.63	15	34.5	54.0	11.5	M20	120	0.90	1.35	1.50
KKS 1"x17,02 MM	16B-1-2-3	13	106.14	15	46.9	78.8	16.2	M20	120	1.30	2.10	2.90
KKS 1"x1/4x3/4"	20B-1-2-3	13	132.67	15	51.5	88.0	18.5	M20	140	2.05	3.60	5.20
KKS 1"x1/2x1"	24B-1-2-3	11	135.23	15	63.4	111.8	24.1	M20	160	2.40	4.25	6.20



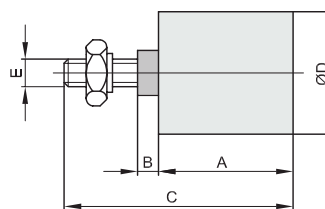
Codice Code	Catena Chain	A mm	B mm	C mm	E mm	H mm	I mm	L mm	M mm	R mm	W mm	SX - Peso Weight Kg.	DX - Peso Weight Kg.	TX - Peso Weight Kg.
KRV 10-0	8 mm	10	12	-	10	45	45	-	M8	35	2.5	0.09	0.10	-
KRV 10-1	3/8"x7/32"	10	18	-	10	45	45	-	M8	35	5.0	0.09	0.10	-
KRV 20-1	3/8"x7/32"	-	-	25	10	-	-	55	M10	35	5	-	-	0.12
KRV 20-2	1/2"x5/16"	14	20.5	-	10	55	55	-	M10	35	7	0.10	0.11	-
KRV 30-2	1/2"x5/16"	14	20.5	34	10	55	60	70	M10	35	7	0.11	0.12	0.13
KRV 30-3	5/8"x3/8"	16.5	25	-	12	55	70	-	M10	45	9	0.12	0.14	-
KRV 40-3	5/8"x3/8"	-	-	42	12	-	-	100	M12	45	9	-	-	0.27
KRV 30-4	3/4"x7/16"	17.5	30	-	12	60	70	-	M10	45	11	0.15	0.16	-
KRV 40-4	3/4"x7/16"	17.5	30	49	12	80	80	100	M12	45	11	0.20	0.22	0.28
KRV 40-5	1"x17,02 mm	18	47	79.5	20	80	90	100	M12	55	16	0.22	0.31	0.44



Codice Code	Catena Chain	ISO	A mm	B mm	C1 mm	C2 mm	diam.D mm	M mm	E mm	SX - Peso Weight Kg.	DX - Peso Weight Kg.
KRS 3/8"	3/8"x7/32"	06B	74	40	10.2	20.4	8	M8	45	0.05	0.07
KRS 1/2"	1/2"x5/16"	08B	96	50	13.9	27.8	10	M10	60	0.11	0.15
KRS 5/8"	5/8"x3/8"	10B	125	55	16.5	33.0	10	M10	60	0.14	0.22
KRS 3/4"	3/4"x7/16"	12B	147	80	19.5	39.0	12	M12	80	0.22	0.36



Codice Code	Catena Chain	A mm	B mm	C mm	diam.D mm	H mm	I mm	L mm	M mm	W mm	SX - Peso Weight Kg.	DX - Peso Weight Kg.	TX - Peso Weight Kg.
KRO 10-0	8 mm	18	18	-	70	45	45	-	M8	2.5	0.14	0.15	-
KRO 10-1	3/8"x7/32"	18	18	-	70	45	50	-	M8	5	0.14	0.15	-
KRO 20-1	3/8"x7/32"	-	-	36	70	-	-	60	M10	5	-	-	0.21
KRO 20-2	1/2"x5/16"	18	36	-	70	55	60	-	M10	7	0.15	0.20	-
KRO 30-2	1/2"x5/16"	18	36	36	70	55	60	70	M10	7	0.16	0.22	0.23
KRO 30-3	5/8"x3/8"	18	36	-	90	55	70	-	M10	9	0.19	0.28	-
KRO 40-3	5/8"x3/8"	-	-	49	90	-	-	100	M12	9	-	-	0.43
KRO 30-4	3/4"x7/16"	18	36	-	90	55	70	-	M10	11	0.19	0.29	-
KRO 40-4	3/4"x7/16"	18	36	49	90	80	80	100	M12	11	0.25	0.35	0.46
KRO 40-5	1"x17,02 mm	18	49	82	110	80	90	100	M12	16	0.32	0.56	0.70



Codice Code	A mm	B mm	C mm	diam.D mm	E mm	Peso Weight Kg.
KRE 2	35	3	51	30	M8	0.07
KRE 3	45	6	67	40	M10	0.17
KRE 4	45	6	67	40	M10	0.17
KRE 5	60	7.5	89	60	M12	0.39
KRE 6	90	9	127	80	M20	1.20
KRE 7	135	7	167	80	M20	1.70



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