ISB®

INDUSTRIES

CATENE A RULLI PER TRASMISSIONE E TRASPORTO LEGGERO

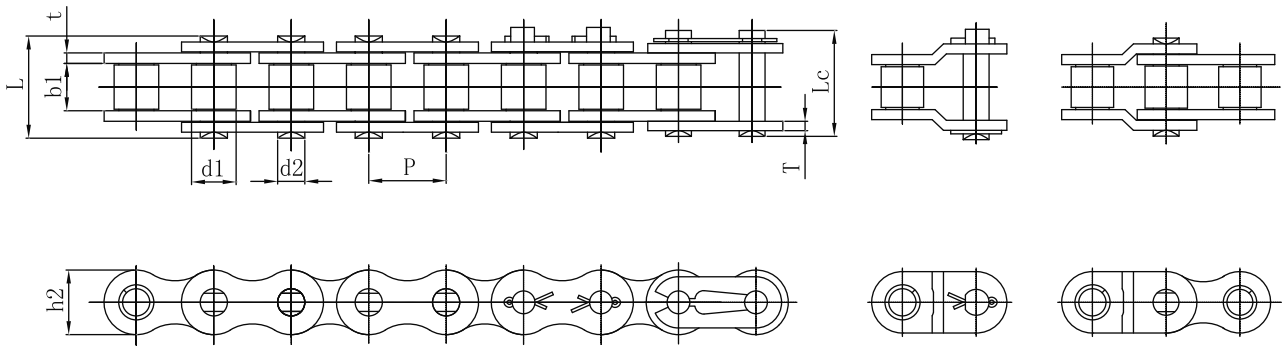
DRIVING CHAINS

forniture per l'industria gelmini s.r.l.

www.forniturегelmini.com

Prodotto *Product*	Catena a Rulli *Roller Chain*	Nota *Note*
Elemento *Component*	Giunto a ribadire *Pin link (Rivet type)*	
	Giunto con copiglia *Pin link (Cotter type)*	Serraggio elevato della piastra mediante le 2 copiglie *Fit plate tightly against 2 pins*
	Maglia interna *Roller link*	
Pezzo *Part*	Perno *Pin*	
	Bussola *Bush*	
	Rullo *Roller*	
	Maglia esterna *Pin link plate (outer link plate)*	
	Maglia interna *Roller link plate (inner link plate)*	
Giunto *Connecting link*	Giunto con 2 copiglie *Connecting link with 2 Cotters*	Indicata per passi ≥ 25,4 mm *Suggest: P ≥ 25.4 mm*
	Giunto con molletta *Connecting link with a Spring Clip*	Indicata per passi < 19,05 mm *Suggest: P* < 19,05 mm
	Giunto rinforzato con 2 copiglie *Connecting link with 2 Cotters (Fit Connecting Plate Tightly Against 2 Pins)*	Indicata per carichi elevati *Used for high power*
Maglia falsa *Offset link*	Falsa maglia con copiglia *Offset link*	Non indicata per carichi elevati e alta velocità *Not to be used for heavy Duty and high speed*
	Falsa maglia a tre rulli Offset link with three rollers	

Catene a **rulli semplici** ISO / ***Single Strand*** *Roller Chains ISO*

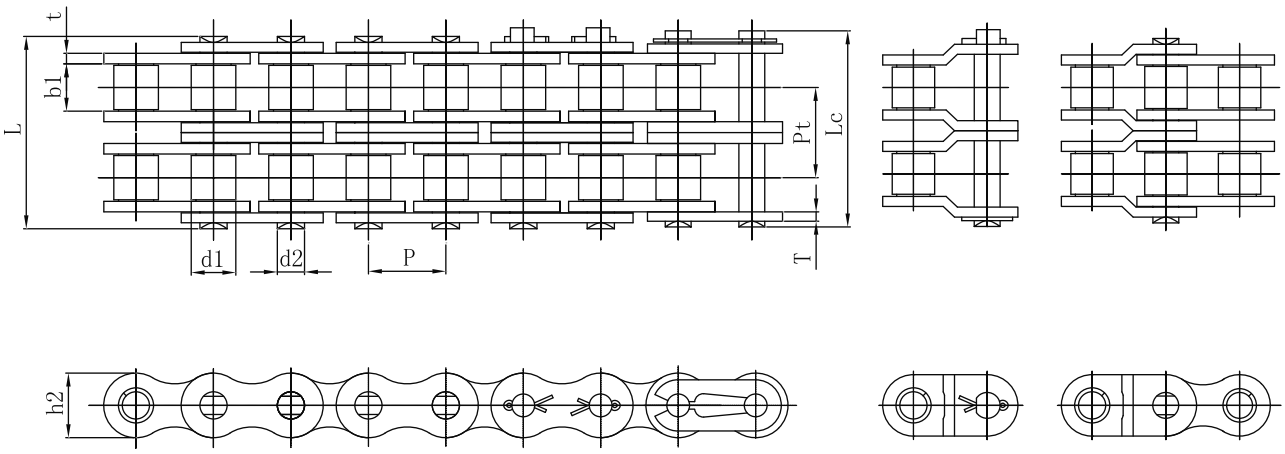


SERIE EUROPEA ISO DIN / *EUROPEAN SERIES ISO DIN*

Catena ISO/ DIN ISO/ DIN *Chain*	Passo *Pitch*		Diam. Rullo *Roller diameter*	Larghezza interna *Width between inner plates*	Diametro Perno *Pin diameter*	Largh. catena ribadita *Riveted chain width*		Altezza piastra *Inner plate depth*	Spessore piastra *Plate thickness*	Passo trasv. *Transverse pitch*	Carico di rottura min. *Ultimate tensile strength*	Carico di rottura medio *Average tensile strength*	Peso al metro *Weight per meter*
	P	P	d_1 max	b_1 min	d_2 max	L max	Lc max	h_2 max	t/T	Pt	Q(ISO/ DIN) min	Q_0	q ≈
	pollici	mm	mm	mm	mm	mm	mm	mm	mm	mm	kN	kN	kg/m
04B1	P6	6,00	4,00	2,80	1,85	7,40	-	5,00	-	-	-	2,90	0,08
05B1	P8	8.00	5.00	3.00	2.31	8.20	8.90	7.10	0.80	-	4.40/5.00	5.90	0.20
*06B1	3/8	9.525	6.35	5.72	3.28	13.15	15.15	8.26	1.34	-	8.90/9.00	10.30	0.41
08B1	1/2x5/16	12.70	8.51	7.75	4.45	16.95	19.05	11.81	1.60	-	17.80/18.00	19.60	0.69
10B1	5/8	15.875	10.16	9.65	5.08	19.50	22.0	14.73	1.70	-	22.20/22.40	27.50	0.93
12B1	3/4	19.05	12.07	11.68	5.72	22.50	25.10	16.13	1.85	-	28.90/29.00	33.30	1.15
16B1	1"	25.40	15.88	17.02	8.28	36.10	41.50	21.08	4.09/3.10	-	60.00	71.00	2.71
20B1	1"1/4	31.75	19.05	19.58	10.19	42.40	47.60	26.42	4.60/3.60	-	95.00	101.80	3.70
24B1	1"1/2	38.10	25.40	25.40	14.63	53.40	57.10	33.40	5.80/4.80	-	160.00	176.00	7.10
28B1	1"3/4	44.45	27.94	30.99	15.90	65.10	69.40	37.08	7.50/6.50	-	200.00	215.60	8.50
32B1	2"	50.80	29.21	30.99	17.81	66.00	69.50	42.29	7.00/6.00	-	250.00	280.30	10.25
40B1	2"1/2	63.50	39.37	38.10	22.89	82.60	91.30	52.96	8.50/7.50	-	355.00	392.00	16.35
48B1	3"	76.20	48.26	45.72	29.24	99.10	109.60	63.88	11.70/10.00	-	560.00	599.20	25.00
56B1	3"1/2	88.90	53.98	53.34	34.32	114.6	123.0	77.80	13.5/12.0	-	850.00	940.0	35.78
64B1	4"	101.60	63.50	60.96	39.40	130.0	138.5	90.17	15.0/13.0	-	1120.0	1240.0	46.00
72B1	4"1/2	114.30	72.39	68.58	44.48	147.4	156.4	103.60	17.0/15.0	-	1400.0	1550.0	60.80

*Con piastre a profilo diritto / **Straight side plates*

Catene a **rulli doppie** ISO / ***Double Strand*** *Roller Chains ISO*

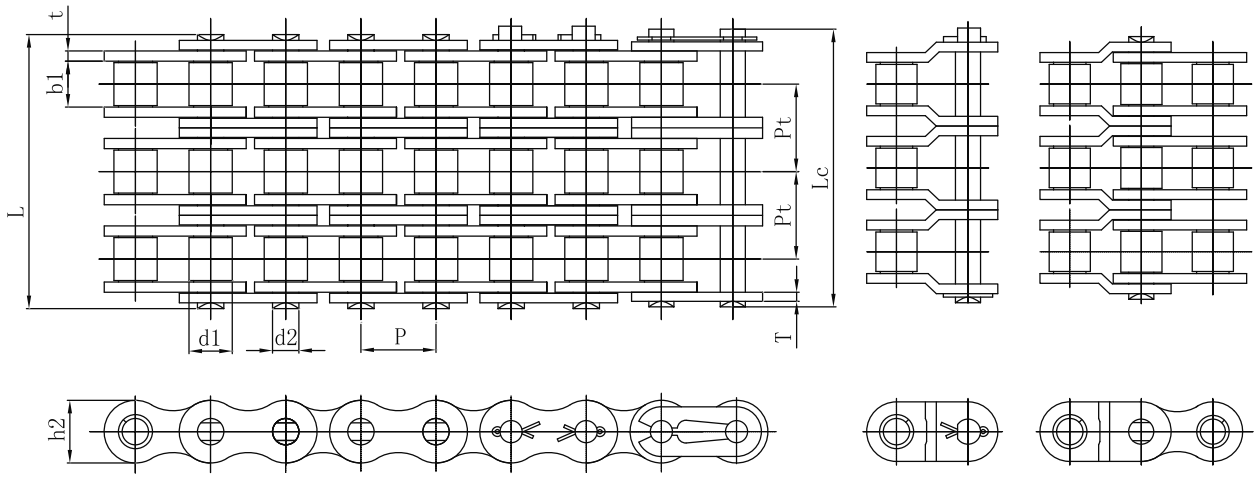


SERIE EUROPEA ISO DIN / *EUROPEAN SERIES ISO DIN*

Catena ISO/DIN ISO/DIN *Chain*	Passo *Pitch*		Diam. Rullo *Roller diameter*	Larghezza interna *Width between inner plates*	Diametro Perno *Pin diameter*	Largh. catena ribadita *Riveted chain width*		Altezza piastra *Inner plate depth*	Spessore piastra *Plate thickness*	Passo trasv. *Transverse pitch*	Carico di rottura min. *Ultimate tensile strength*	Carico di rottura medio *Average tensile strength*	Peso al metro *Weight per meter*
	P	P	d_1 max	b_1 min	d_2 max	L max	Lc max	h_2 max	t/T	Pt	Q(ISO/DIN) min	Q_0	q ≈
	pollici	mm	mm	mm	mm	mm	mm	mm	mm	mm	kN	kN	kg/m
04B2	P6	6,00	4,00	2,80	1,85	13,30	-	5,00	-	5,50	-	5,80	0,23
05B2	P8	8.00	5.00	3.00	2.31	13.90	14.50	7.10	0.80	5.64	7.80	10.20	0.33
*06B2	3/8	9.525	6.35	5.72	3.28	23.40	27.10	8.26	1.34	10.24	16.90	18.10	0.74
08B2	1/2x5/16	12.70	8.51	7.75	4.45	31.00	33.00	11.81	1.60	13.92	31.10/32.00	37.40	1.34
10B2	5/8	15.875	10.16	9.65	5.08	36.10	38.60	14.73	1.70	16.59	44.50	54.20	1.84
12B2	3/4	19.05	12.07	11.68	5.72	42.00	44.40	16.13	1.85	19.46	57.80	66.60	2.31
16B2	1"	25.40	15.88	17.02	8.28	68.00	73.40	21.08	4.09/3.10	31.88	106.00	126.50	5.42
20B2	1"1/4	31.75	19.05	19.58	10.19	79.70	83.60	26.42	4.60/3.60	36.45	170.00	210.00	7.20
24B2	1"1/2	38.10	25.40	25.40	14.63	101.80	105.42	33.40	5.80/4.80	48.36	280.00	305.50	13.40
28B2	1"3/4	44.45	27.94	30.99	15.90	124.70	128.96	37.08	7.50/6.50	59.56	360.00	390.50	16.60
32B2	2"	50.80	29.21	30.99	17.81	124.60	128.05	42.29	7.00/6.00	58.55	450.00	487.50	21.00
40B2	2"1/2	63.50	39.37	38.10	22.89	154.50	163.80	52.96	8.50/7.50	72.29	630.00	680.20	32.00
48B2	3"	76.20	48.26	45.72	29.24	190.40	200.90	63.88	11.70/10.00	91.21	1000.00	1070.00	50.00
56B2	3"1/2	88.90	53.98	53.34	34.32	221.2	229.6	77.80	13.5/12.0	106.6	1600.00	1760.00	71.48
64B2	4"	101.60	63.50	60.96	39.40	249.9	258.4	90.17	15.0/13.0	119.89	2000.0	2200.00	91.00
72B2	4"1/2	114.30	72.39	68.58	44.48	283.7	292.7	103.60	17.0/15.0	136.27	2500.0	2750.00	120.40

*Con piastre a profilo diritto / **Straight side plates*

Catene a **rulli triple** ISO / ***Triple Strand*** *Roller Chains ISO*

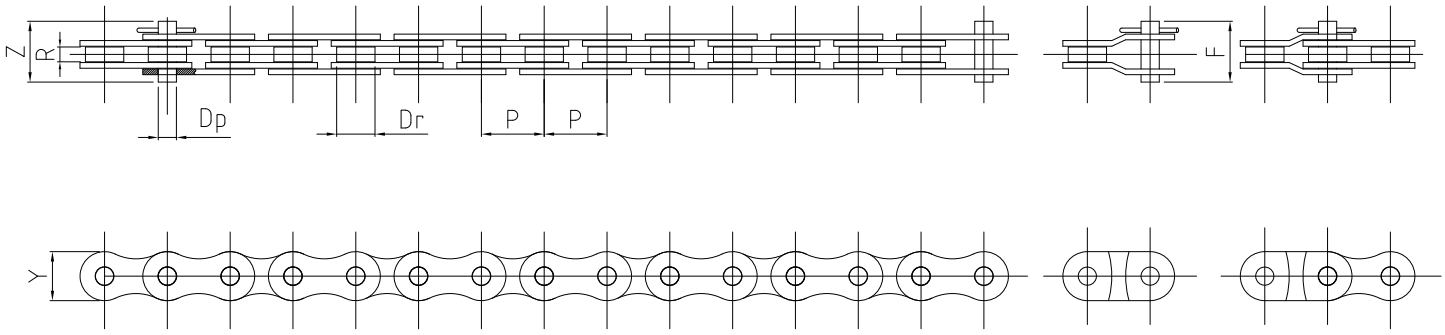


SERIE EUROPEA ISO DIN / *EUROPEAN SERIES ISO DIN*

Catena ISO/DIN ISO/DIN *Chain*	Passo *Pitch*		Diam. Rullo *Roller diameter*	Largh. interna *Width between inner plates*	Diametro Perno *Pin diameter*	Largh. catena ribadita *Riveted chain width*		Altezza piastra *Inner plate depth*	Spessore piastra *Plate thickness*	Passo trasv. *Transverse pitch*	Carico di rottura min. *Ultimate tensile strength*	Carico di rottura medio *Average tensile strength*	Peso al metro *Weight per meter*
	P	P	d_1 max	b_1 min	d_2 max	L max	Lc max	h_2 max	t/T	Pt	Q(ISO/DIN) min	Q_0	q ≈
	pollici	mm	mm	mm	mm	mm	mm	mm	mm	mm	kN	kN	kg/m
*06B3	3/8	9.525	6.35	5.72	3.28	33.50	37.30	8.26	1.34	10.24	24.90	29.80	1.16
08B3	1/2x5/16	12.70	8.51	7.75	4.45	44.90	47.20	11.81	1.60	13.92	44.50/47.50	50.20	2.03
10B3	5/8	15.875	10.16	9.65	5.08	52.70	55.60	14.73	1.70	16.59	66.70	79.80	2.77
12B3	3/4	19.05	12.07	11.68	5.72	61.50	65.20	16.13	1.85	19.46	86.70	101.80	3.46
16B3	1"	25.40	15.88	17.02	8.28	99.80	105.30	21.08	4.09/3.10	31.88	160.00	190.00	8.13
20B3	1"1/4	31.75	19.05	19.58	10.19	114.55	121.20	26.42	4.60/3.60	36.45	250.00	276.20	10.82
24B3	1"1/2	38.10	25.40	25.40	14.63	150.20	153.82	33.40	5.80/4.80	48.36	425.00	480.00	20.10
28B3	1"3/4	44.45	27.94	30.99	15.90	184.30	188.52	37.08	7.50/6.50	59.56	530.00	580.00	24.92
32B3	2"	50.80	29.21	30.99	17.81	184.01	186.60	42.29	7.00/6.00	58.55	670.00	720.20	31.56
40B3	2"1/2	63.50	39.37	38.10	22.89	226.80	236.10	52.96	8.50/7.50	72.29	950.00	1020.00	48.10
48B3	3"	76.20	48.26	45.72	29.24	281.60	292.10	63.88	11.70/10.00	91.21	1500.00	1590.00	75.00
56B3	3"1/2	88.90	53.98	53.34	34.32	327.8	336.20	77.80	13.5/12.00	106.6	2240.00	2240.00	107.18
64B3	4"	101.60	63.50	60.96	39.40	369.8	378.30	90.17	15.0/13.00	119.89	3000.00	3300.00	136.00
72B3	4"1/2	114.30	72.39	68.58	44.48	420.0	429.00	103.60	17.0/15.00	136.27	3750.00	4125.00	180.00

*Con piastre a profilo diritto / **Straight side plates*

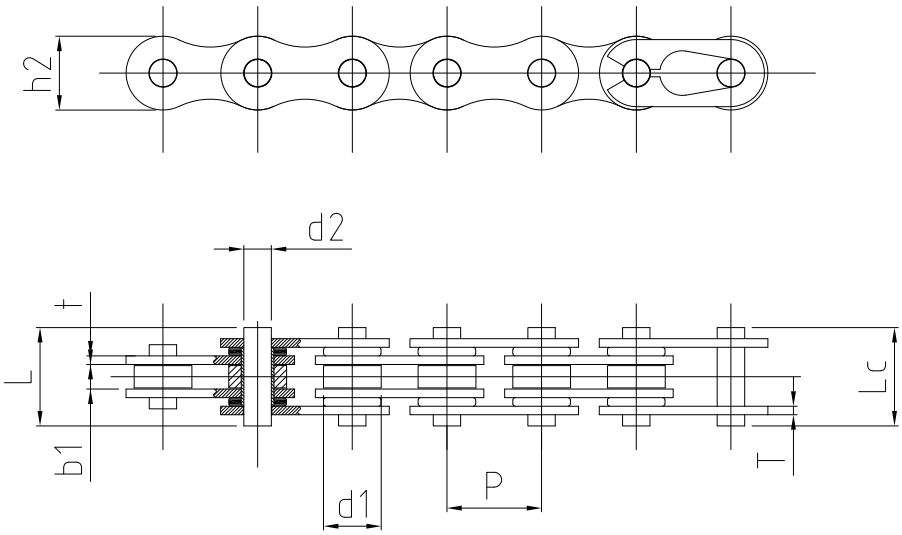
Catene per **biciclette e ciclomotori** */ Chains for **bicycles and motorcycles***



BICICLETTE E CICLOMOTORI / *BICYCLES AND MOTORCYCLES*

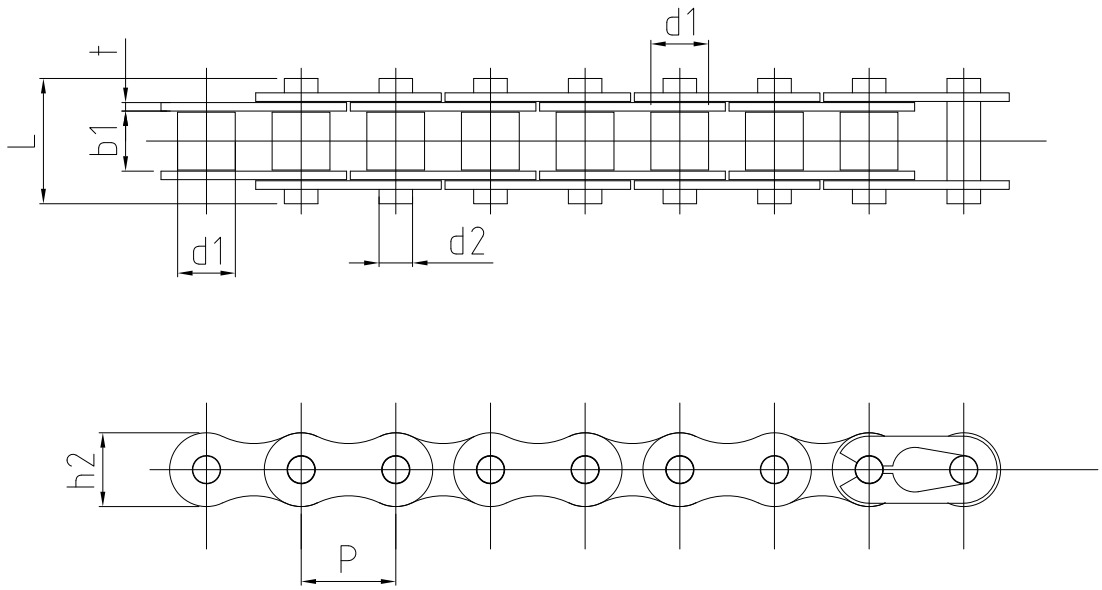
ISO	Appellativo *Type*	Passo *Pitch*	Diam. rullo max *Max roller diam.*	Largh. Int. min *Width between plates*	Diam. Perno max *Max pin diam.*	Altezza piastra max *Inner plate depth*	Largh. catena ribad. max *Width over connecting pins*	Ingombro catena max *Width over bearing pins*	Superf. di lavoro *Working surface*	Carico di rottura medio *Medium breaking load*	Peso al metro *Weight per meter*
		P	Dr	R	Dp	Y	Z	F			
		mm	mm	mm	mm	mm	mm	mm	mm	mm	kg/m
081-1	1/2x1/8	12,70	7,75	3,30	3,68	9,91	9,31	12,3	20	9.410	0,29
082-1	1/2x3/32	12,70	7,75	2,38	3,66	9,91	8,1	10,6	16	9.410	0,26
083-1	1/2x3/16	12,70	7,75	4,88	4,09	10,30	12,9	15,9	33	11.365	0,43
084-1	1/2x3/16 Rinf	12,70	7,75	4,88	4,09	11,15	14,6	17,6	36	15.100	0,51
085-1	1/2x1/4 (ASA 41)	12,70	7,75	6,25	3,58	9,91	13,7	17,7	32	11.360	0,47
SPECIAL	SPECIAL	12,70	8,75	5,21	4,45	11,81	14,5	22	40	17.900	0,60
SPECIAL	SPECIAL	15,875	10,16	6,48	5,08	14,73	17,5	26	54	13.565	0,80

Nota: Tutte le dimensioni indicate sono espresse in mm. / *Note: All dimensions are expressed in mm.*



Catena GB/ISO *GB/ISO Chain*	Passo *Pitch*	Diam. Rullo *Roller diameter*	Larghezza interna *Width between inner plates*	Diametro Perno *Pin diameter*	Largh. catena ribadita *Riveted chain width*		Altezza piastra *Inner plate depth*	Spessore Maglia *Plate thickness*	Tensione Massima *Ultimate Tensile Strength*	Tensione Media *Average tensile strength*	Peso al metro *Weight per meter*
	P	d_1 max	b_1 min	d_2 max	L max	Lc max	h_2 max	t/T	Q min	Q_0	q ≈
	mm	mm	mm	mm	mm	mm	mm	mm	kN	kN	kg/m
428HSO	12.70	8.51	7.94	4.36	20.50	23.00	12.50	2.00/1.80	18.62	21.00	1.07
520SO	15.875	10.16	6.35	5.08	20.50	21.60	15.09	2.06	22.20	26.50	0.96
530SO	15.875	10.16	9.53	5.08	23.50	24.90	15.09	2.06	22.20	26.46	1.12

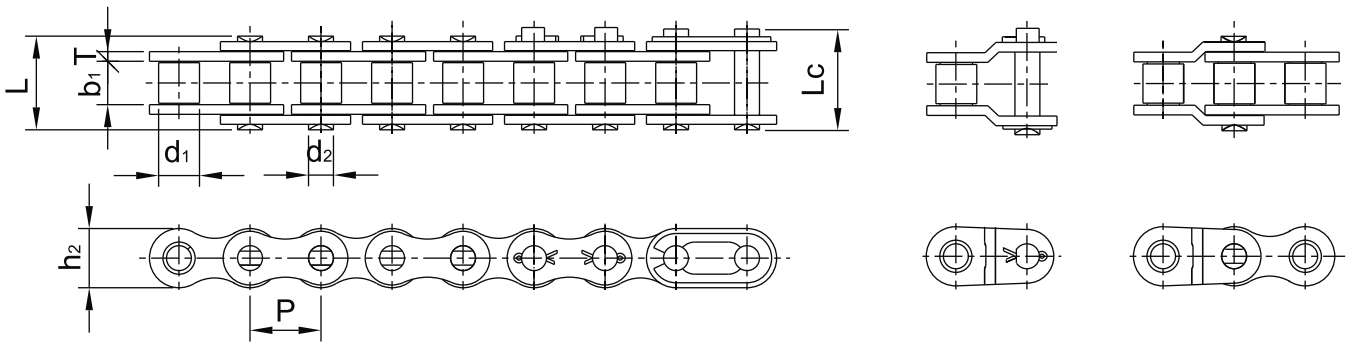
Catene **speciali** / ***Special*** *chains*



Catena GB/ISO *GB/ISO Chain*	Catena JCAS *JCAS Chain*	Passo *Pitch*	Diam. Rullo *Roller diameter*	Diametro Perno *Pin diameter*	Larghezza interna *Width between inner plates*	Largh. catena ribadita *Riveted chain width*		Altezza piastra *Inner plate depth*	Spessore Maglia *Plate thickness*	Tensione Massima *Ultimate Tensile Strength*	Tensione Media *Average tensile strength*	Peso al metro *Weight per meter*
		P	d_1 max	d_2 max	b_1 min	L max	Lc max	h_2 max	t/T	Q min	Q_0	q ≈
		mm	mm	mm	mm	mm	mm	mm	mm	kN	kN	kg/m
*04MA	25H	6.35	3.30	2.31	3.10	9.10	10.60	6.00	1.00	4.80	5.50	0.17
*05MA	219	7.774	4.59	3.01	4.68	12.00	13.60	7.50	1.20/1.00	6.60	7.40	0.27
*05MC	270	8.50	5.00	3.28	4.75	13.30	-	8.60	1.80/1.40	9.80	10.80	0.33
06MA(T.F)		9.525	6.00	4.50	9.50	18.60	-	9.30	1.85/1.48	11.80	14.10	0.61
08MA	420	12.70	7.77	3.96	6.25	16.00	17.60	12.00	1.50	16.00	18.50	0.55
08MB	428	12.70	8.51	4.45	7.75	17.00	19.50	11.80	1.50	17.80	21.00	0.66
08MC	428H	12.70	8.51	4.45	7.75	19.30	21.80	11.80	2.00	20.60	23.50	0.79
10MA	520	15.875	10.16	5.08	6.25	19.00	21.50	15.09	2.40	26.50	31.80	1.00
10MB	630	15.875	10.16	5.08	9.40	22.00	24.50	15.09	2.00	26.50	30.00	1.06

Nota: Per le catene con boccole: : d1 indica il diametro esterno della boccola
Note: For Bush Chain: d1 indicates the external diameter of the bushing

Catene a **rulli semplici** *ASA / **Single Strand** Roller Chains ANSI*

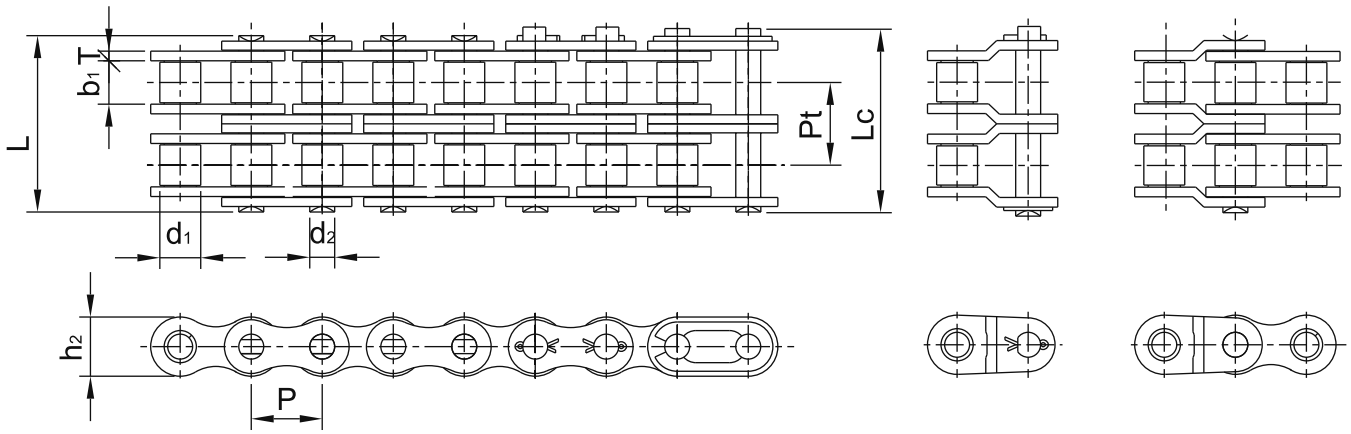


SERIE AMERICANA ASA / *AMERICAN SERIES ANSI*

Catena ASA *ANSI Chain*	Passo *Pitch*		Diam. Rullo *Roller diameter*	Larghezza interna *Width between inner plates*	Diametro Perno *Pin diameter*	Largh. catena ribadita *Riveted chain width*		Altezza piastra *Inner plate depth*	Passo trasv. *Transverse pitch*	Spessore piastra *Plate thickness*	Carico di rottura min. *Ultimate tensile strength*	Carico di rottura medio *Average tensile strength*	Peso al metro *Weight per meter*
	P	P	d_1 max	b_1 min	d_2 max	L max	Lc max	h_2 max	Pt	T	Q(ISO/DIN) min	Q_0	q ≈
	pollici	mm	mm	mm	mm	mm	mm	mm	mm	mm	kN	kN	kg/m
*25A1	*P6	6.35	3.30	3.10	2.31	8.00	9.90	6.02	-	0.80	3.50	4.40	0.14
*35A1	*3/8	9.525	5.08	4.68	3.58	12.40	14.40	8.70	-	1.30	7.90	10.40	0.33
41A1	1/21/4	12.70	7.77	6.25	3.58	13.75	16.00	9.91	-	1.25	6.70/6.80	11.80	0.41
40A1	1/2	12.70	7.95	7.85	3.96	16.60	19.10	12.07	-	1.50	13.80/14.10	17.80	0.62
50A1	5/8	15.875	10.16	9.40	5.08	20.70	23.30	15.09	-	2.06	21.80/22.20	28.00	1.02
60A1	3/4	19.05	11.91	12.57	5.94	25.90	28.60	18.08	-	2.44	31.10/ 31.80	39.00	1.50
80A1	1″	25.40	15.88	15.75	7.92	32.70	38.00	24.13	-	3.26	55.60/ 56.70	71.50	2.60
100A1	1″1/4	31.75	19.05	18.90	9.53	41.10	44.90	30.18	-	4.00	86.70/ 88.50	102.00	3.91
120A1	1″1/2	38.10	22.23	25.22	11.10	50.80	56.10	36.20	-	4.80	124.60/ 127.00	156.90	5.62
140A1	1″3/4	44.45	25.40	25.22	12.70	54.90	60.80	42.24	-	5.65	169.00/ 172.40	210.80	7.50
160A1	2″	50.80	28.58	31.55	14.27	65.50	72.60	48.26	-	6.45	222.40/ 226.80	269.70	10.10
180A1	2″1/4	57.15	35.71	35.48	17.46	72.80	83.00	54.31	-	7.25	280.20	327.80	13.45
200A1	2″1/2	63.50	39.68	37.85	19.85	80.30	90.50	60.33	-	8.00	347.00/ 353.80	410.00	16.15
240A1	3″	76.20	47.63	47.35	23.81	95.50	106.00	72.39	-	9.50	500.40/ 510.30	585.40	23.20

*Catena a Bussola: d_1 indica il diametro esterno della bussola. / **Bush chain: d_1 indicates the external diameter of the bushing.*

Catene a **rulli doppie** ASA / ***Double Strand*** *Roller Chains ANSI*

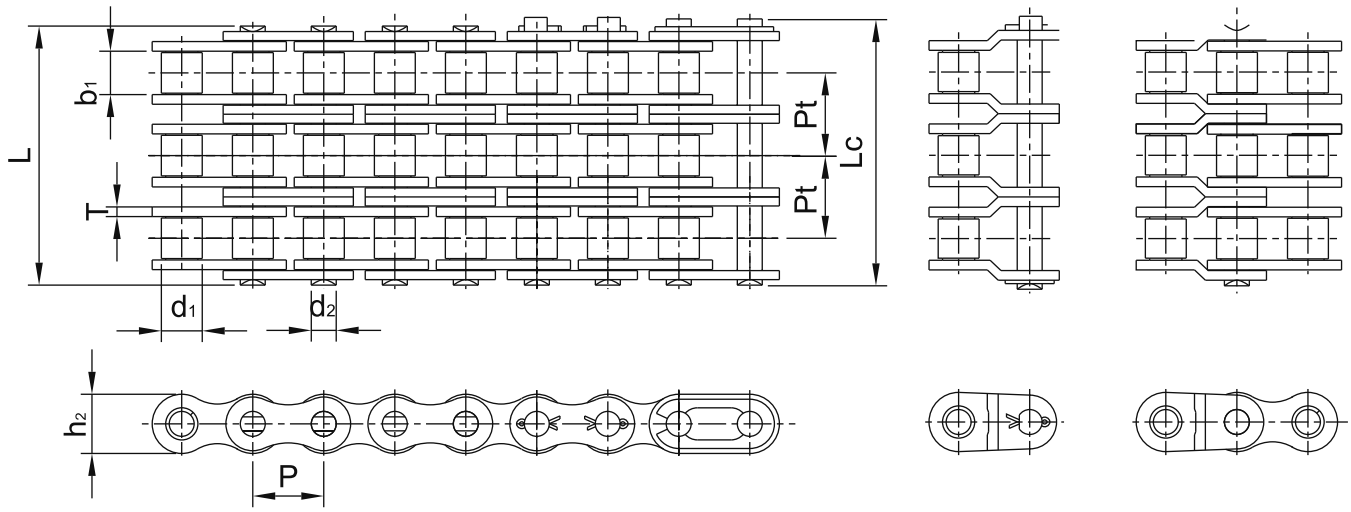


SERIE AMERICANA ASA / *AMERICAN SERIES ANSI*

Catena ASA *ANSI Chain*	Passo *Pitch*		Diam. Rullo *Roller diameter*	Larghezza interna *Width between inner plates*	Diametro Perno *Pin diameter*	Largh. catena ribadita *Riveted chain width*		Altezza piastra *Inner plate depth*	Passo trasv. *Transverse pitch*	Spessore piastra *Plate thickness*	Carico di rottura min. *Ultimate tensile strength*	Carico di rottura medio *Average tensile strength*	Peso al metro *Weight per meter*
	P	P	d_1 max	b_1 min	d_2 max	L max	Lc max	h_2 max	Pt	T	Q(ISO/DIN) min	Q_0	q ≈
	pollici	mm	mm	mm	mm	mm	mm	mm	mm	mm	kN	kN	kg/m
*25A2	P6	6.35	3.30	3.10	2.31	14.50	16.50	6.02	6.40	0.80	7.00	8.80	0.28
*35A2	3/8	9.525	5.08	4.68	3.58	22.50	24.50	8.70	10.13	1.30	15.80	20.80	0.63
40A2	1/2	12.70	7.95	7.85	3.96	31.00	33.50	12.07	14.38	1.50	27.60/28.20	35.60	1.12
50A2	5/8	15.875	10.16	9.40	5.08	38.90	41.30	15.09	18.11	2.06	43.60/44.40	56.00	2.00
60A2	3/4	19.05	11.91	12.57	5.94	48.80	51.50	18.08	22.78	2.44	62.30/63.60	82.40	2.92
80A2	1″	25.40	15.88	15.75	7.92	62.70	67.10	24.13	29.29	3.26	111.20/ 113.40	143.00	5.15
100A2	1″1/4	31.75	19.05	18.90	9.53	76.40	83.10	30.18	35.76	4.00	173.50/ 177.00	204.00	7.80
120A2	1″1/2	38.10	22.23	25.22	11.10	96.30	101.60	36.20	45.44	4.80	249.10/ 254.00	313.80	11.70
140A2	1″3/4	44.45	25.40	25.22	12.70	103.60	109.40	42.24	48.87	5.65	338.10/ 344.80	421.70	15.14
160A2	2″	50.80	28.58	31.55	14.27	123.30	130.20	48.26	58.55	6.45	444.80/ 453.60	539.40	20.14
180A2	2″1/4	57.15	35.71	35.48	17.46	138.60	148.50	54.31	65.84	7.25	560.50	655.70	29.22
200A2	2″1/2	63.50	39.68	37.85	19.85	151.90	161.50	60.33	71.55	8.00	693.90/ 707.60	820.00	32.24
240A2	3″	76.20	47.63	47.35	23.81	183.40	193.90	72.39	87.83	9.50	1000.80/ 1020.60	1170.80	45.23

*Catena a Bussola: d_1 indica il diametro esterno della bussola. / **Bush chain: d_1 indicates the external diameter of the bushing.*

Catene a **rulli triple** ASA / ***Triple Strand*** *Roller Chains ANSI*

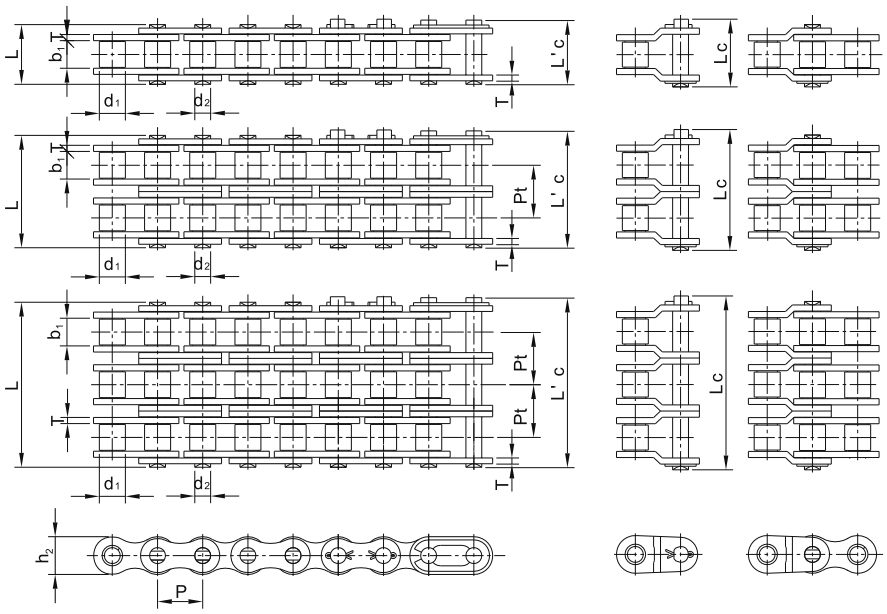


SERIE AMERICANA ASA / *AMERICAN SERIES ANSI*

Catena ASA *ANSI Chain*	Passo *Pitch*		Diam. Rullo *Roller diameter*	Larghezza interna *Width between inner plates*	Diametro Perno *Pin diameter*	Largh. catena ribadita *Riveted chain width*		Altezza piastra *Inner plate depth*	Passo trasv. *Transverse pitch*	Spessore piastra *Plate thickness*	Carico di rottura min. *Ultimate tensile strength*	Carico di rottura medio *Average tensile strength*	Peso al metro *Weight per meter*
	P	P	d_1 max	b_1 min	d_2 max	L max	Lc max	h_2 max	Pt	T	Q(ISO/DIN) min	Q_0	q ≈
	pollici	mm	mm	mm	mm	mm	mm	mm	mm	mm	kN	kN	kg/m
*35A3	3/8	9.525	5.08	4.68	3.58	32.70	34.70	8.70	10.13	1.30	23.70	30.00	1.05
40A3	1/2	12.70	7.95	7.85	3.96	45.40	48.00	12.07	14.38	1.50	41.40/42.30	51.20	1.90
50A3	5/8	15.875	10.16	9.40	5.08	57.00	59.80	15.09	18.11	2.06	65.40/66.60	82.00	3.09
60A3	3/4	19.05	11.91	12.57	5.94	71.50	75.60	18.08	22.78	2.44	93.40/ 95.40	115.00	4.54
80A3	1″	25.40	15.88	15.75	7.92	91.70	96.80	24.13	29.29	3.26	116.80/ 170.10	208.00	7.89
100A3	1″1/4	31.75	19.05	18.90	9.53	112.20	117.20	30.18	35.76	4.00	260.20/ 265.50	310.00	11.77
120A3	1″1/2	38.10	22.23	25.22	11.10	141.70	148.30	36.20	45.44	4.80	373.70/ 381.00	470.70	17.53
140A3	1″3/4	44.45	25.40	25.22	12.70	152.20	158.30	42.24	48.87	5.65	507.10/ 517.20	632.50	22.20
160A3	2″	50.80	28.58	31.55	14.27	181.80	188.60	48.26	58.55	6.45	667.20/ 680.40	809.00	30.02
180A3	2″1/4	57.15	35.71	35.48	17.46	204.40	214.50	54.31	65.84	7.25	840.70	983.60	38.22
200A3	2″1/2	63.50	39.68	37.85	19.85	223.50	232.90	60.33	71.55	8.00	1040.90/ 1061.40	1230.00	49.03
240A3	3″	76.20	47.63	47.35	23.81	271.30	281.80	72.39	87.83	9.50	1501.30/ 1530.90	1756.20	71.60

*Catena a Bussola: d_1 indica il diametro esterno della bussola. / **Bush chain: d_1 indicates the external diameter of the bushing.*

Catene a rulli ASA H **serie rinforzata** */ ANSI H **Heavy Series** Roller Chains*

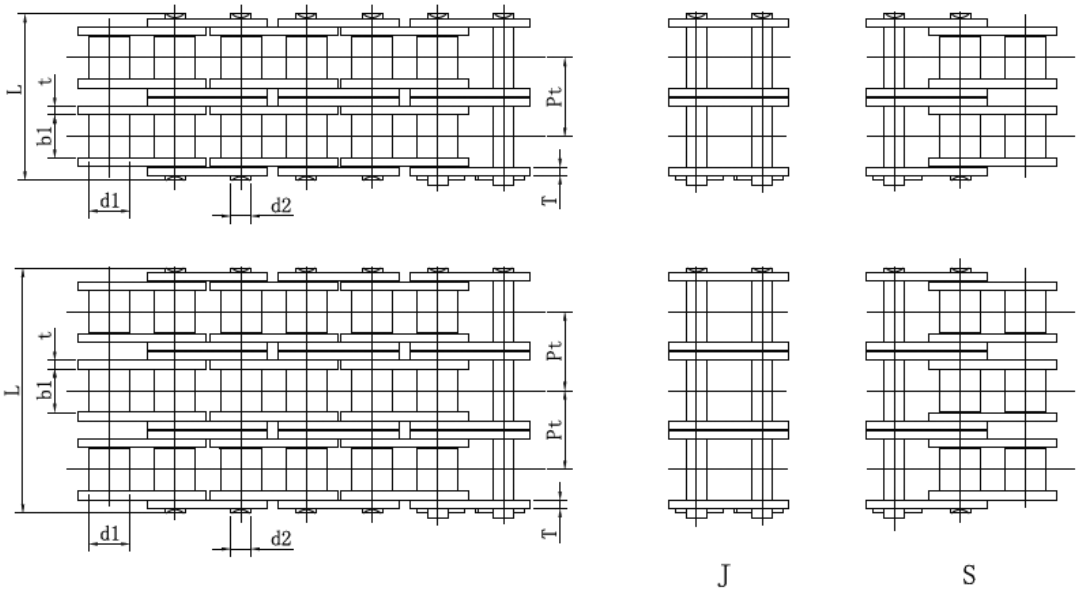


SERIE AMERICANA ASA H RINFORZATA / *HEAVY AMERICAN SERIES ANSI H*

Catena ASA H *ANSI H Chain*	Passo *Pitch*		Diam. Rullo *Roller diameter*	Larghezza interna *Width between inner plates*	Diametro Perno *Pin diameter*	Largh. catena ribadita *Riveted chain width*		Altezza piastra *Inner plate depth*	Passo trasv. *Transverse pitch*	Spessore piastra *Plate thickness*	Carico di rottura min. *Ultimate tensile strength*	Carico di rottura medio *Average tensile strength*	Peso al metro *Weight per meter*
	P	P	d_1 max	b_1 min	d_2 max	L max	Lc max	h_2 max	Pt	T	Q(ISO/DIN) min	Q_0	q ≈
	pollici	mm	mm	mm	mm	mm	mm	mm	mm	mm	kN	kN	kg/m
40A1H	1/2	12.70	7.95	7.85	3.96	18.20	19.70	12.00	-	2.06	13.80/14.10	20.40	0.82
50A1H	5/8	15.875	10.16	9.40	5.08	22.10	24.90	15.09	-	2.44	21.80/22.20	29.80	1.25
60A1H	3/4	19.05	11.91	12.57	5.94	29.90	34.50	18.08	-	3.26	31.10/31.80	41.00	1.87
80A1H	1″	25.40	15.88	15.75	7.92	36.60	42.00	24.13	-	4.00	55.60/56.70	72.10	3.10
100A1H	1″1/4	31.75	19.05	18.90	9.53	44.10	50.20	30.18	-	4.80	86.70/88.50	106.20	4.38
120A1H	1″1/2	38.10	22.23	25.22	11.10	53.80	60.40	36.20	-	5.65	124.60/127.00	156.70	6.60
140A1H	1″3/4	14,35	25,40	25,40	12,70	58	-	42,24	-	-	-	197,80	8,20
160A1H	2″	50,80	31,75	31,75	44,27	68,00	-	48,26	-	-	-	249.20	10,41
60A2H	3/4	19.05	11.91	12.57	5.94	56.00	60.60	18.08	26.11	3.26	62.30/63.60	85.00	3.71
80A2H	1″	25.40	15.88	15.75	7.92	69.20	74.60	24.13	32.59	4.00	111.20/113.40	144.20	6.15
100A2H	1″1/4	31.75	19.05	18.90	9.53	83.20	89.10	30.18	39.09	4.80	173.50/177.00	212.40	8.67
120A2H	1″1/2	38.10	22.23	25.22	11.10	102.7	109.3	36.20	48.87	5.65	249.10/254.00	310.50	13.13
60A3H	3/4	19.05	11.91	12.57	5.94	82.10	86.70	18.08	26.11	3.26	93.40/95.40	120.00	5.54
80A3H	1″	25.40	15.88	15.75	7.92	101.8	107.2	24.13	32.59	4.00	166.80/170.10	210.20	9.42
100A3H	1″1/4	31.75	19.05	18.90	9.53	122.3	128.4	30.18	39.09	4.80	260.20/265.50	316.80	12.96
120A3H	1″1/2	38.10	22.23	25.22	11.10	151.5	158.1	36.20	48.87	5.65	373.70/381.00	458.20	19.64

Nota: L'c<Lc. / *Note: L'c<Lc.*

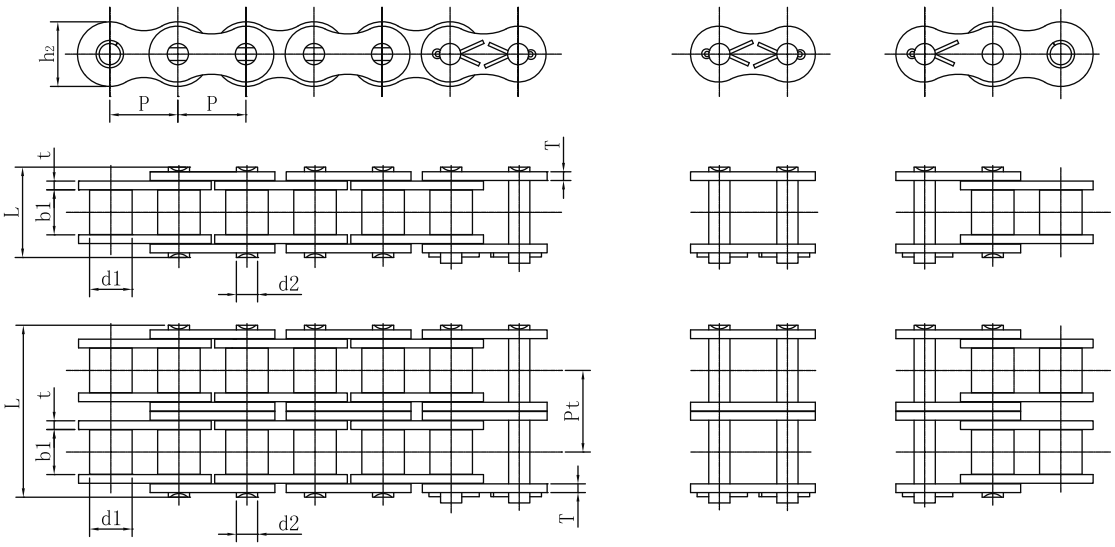
Catene **super rinforzate** / ***Super Strength*** *Chains*



SERIE AMERICANA ASA / *AMERICAN SERIES ANSI*

Catena ASA *ANSI Chain*	Passo *Pitch*	Diam. Rullo *Roller diameter*	Larghezza interna *Width between inner plates*	Diametro Perno *Pin diameter*	Largh. catena ribadita *Riveted chain width*	Altezza piastra *Inner plate depth*	Spessore piastra *Plate thickness*	Passo trasv. *Transverse pitch*	Carico di rottura min. *Ultimate tensile strength*	Carico di rottura medio *Average tensile strength*	Peso al metro *Weight per meter*
	P	d_1 max	b_1 min	d_2 max	L max	h_2 max	t/T	Pt	Q(ISO/ DIN) min	Q_0	q ≈
	mm	mm	mm	mm	mm	mm	mm	mm	kN	kN	kg/m
T40-1	12.70	7.95	7.85	3.96	17.80	12.07	1.50	-	15.70	20.41	0.62
T50-1	15.875	10.16	9.40	5.08	21.82	15.09	2.06	-	26.50	30.50	1.02
T60-1	19.05	11.91	12.57	5.94	26.90	18.08	2.44	-	40.15	46.20	1.50
T80-1	25.40	15.88	15.88	7.94	33.50	24.13	3.26	-	72.50	80.20	2.60
T80-2	25.40	15.88	15.88	7.94	62.70	24.13	3.26	29.29	143.00	162.20	5.15
T100-1	31.75	19.05	19.05	9.54	41.10	30.18	4.00	-	107.80	127.40	3.91
T100-2	31.75	19.05	19.05	9.54	77.00	30.18	4.00	35.76	215.60	254.80	7.80
T120-1	38.10	22.23	25.40	11.11	50.80	36.20	4.80	-	166.4	181.20	5.62
T120-2	38.10	22.23	25.40	11.11	96.30	36.20	4.80	45-44	332.80	362.40	11.7
T140-1	44.45	25.40	25.40	12.71	54.90	42.24	5.60	-	226.20	240.00	7.5
T140-2	44.45	25.40	25.40	12.71	103.60	42.24	5.60	48.87	458.40	475.00	15.14
T160-1	50.80	28.58	31.55	14.27	65.50	48.26	6.40	-	277.23	318.7	10.10
T160-2	50.80	28.58	31.55	14.27	124.20	48.26	6.40	58.55	554.46	632.40	20.14
T160-3	50.80	28.58	31.55	14.27	182.90	48.26	6.40	58.55	776.35	892.36	30.05

Catene **super rinforzate** / ***Super Strength*** *Chains*

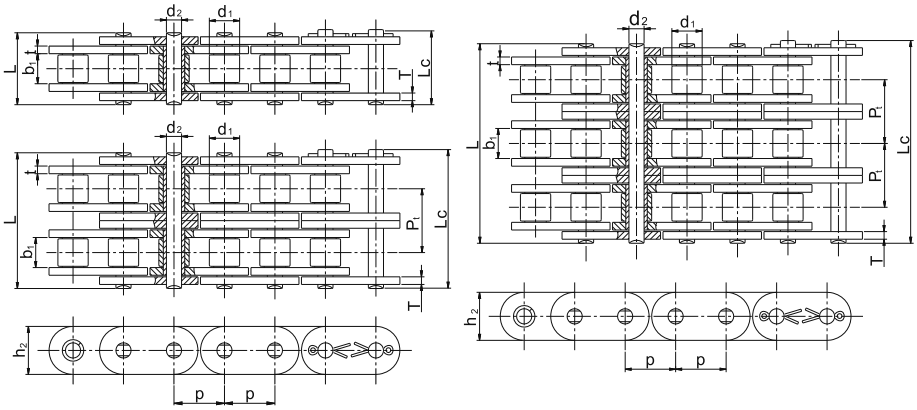


SERIE AMERICANA ASA / *AMERICAN SERIES ANSI*

Catena ASA *ANSI Chain*	Passo *Pitch*	Diam. Rullo *Roller diameter*	Larghezza interna *Width between inner plates*	Diametro Perno *Pin diameter*	Largh. catena ribadita *Riveted chain width*	Altezza piastra *Inner plate depth*	Spessore piastra *Plate thickness*	Passo trasv. *Transverse pitch*	Carico di rottura min. *Ultimate tensile strength*	Carico di rottura medio *Average tensile strength*	Peso al metro *Weight per meter*
	P	d_1 max	b_1 min	d_2 max	L max	h_2 max	t/T	Pt	Q(ISO/ DIN) min	Q_0	q ≈
	mm	mm	mm	mm	mm	mm	mm	mm	kN	kN	kg/m
HT60-1	19.05	11.91	12.70	5.94	29.90	18.08	3.26	-	42.97	55.86	1.87
HT60-2	19.05	11.91	12.70	5.94	56.00	18.08	3.26	26.11	85.94	111.72	3.71
HT80-1	25.40	15.88	15.88	7.94	37.40	24.13	4.00	-	93.10	94.75	3.1
HT80-2	25.40	15.88	15.88	7.94	69.20	24.13	4.00	32.59	185.00	195.50	6.15
HT100-1	31.75	19.05	19.05	9.54	44.10	3.18	4.80	-	142.10	149.20	4.38
HT100-2	31.75	19.05	19.05	9.54	83.20	30.18	4.80	39.09	248.20	289.40	8.67
HT120-1	38.10	22.23	25.40	11.11	53.80	36.20	5.60	-	181.90	185.40	6.70
HT120-2	38.10	22.23	25.40	11.11	102.70	36.20	5.60	48.87	363.80	372.50	13.32
HT140-1	44.45	25.40	25.40	12.71	58.00	42.24	6.40	-	232.30	245.90	8.53
HT140-2	44.45	25.40	25.40	12.71	110.20	42.24	6.40	52.20	464.60	482.40	17.0
HT160-1	50.80	28.58	31.55	14.27	68.80	48.26	7.25	-	273.00	314.00	11.10
HT160-2	50.80	28.58	31.55	14.27	130.5	48.26	7.25	61.90	545.00	628.00	22.1
#T80G-1	25.40	15.88	15.75	8.71	38.10	24.70	4.0/4.8	-	108.00	122.40	4.2
SHT80-1	25.40	15.88	15.88	7.94	37.40	24.13	4.00	-	96.04	98.00	3.10
SHT100-1	31.75	19.05	19.05	9.54	44.10	30.18	4.80	-	149.50	155.40	4.38
SHT120-1	38.10	22.23	25.40	11.11	53.80	36.20	5.6	-	186.40	196.000	6.70
SHT140-1	44.45	25.40	25.40	12.71	58.00	42.24	6.40	-	245.40	254.80	8.53
SHT160-1	50.80	28.58	31.55	14.27	68.80	48.26	7.25	-	280.30	323.4	11.10

#Nota: Piastre a Profilo diritto, spessore Piastra esterna 4.0, spessore Piastra interna 4.8
#Note: Straight side plates, outer plate thickness 4.0, inner Plate Thickness 4.8

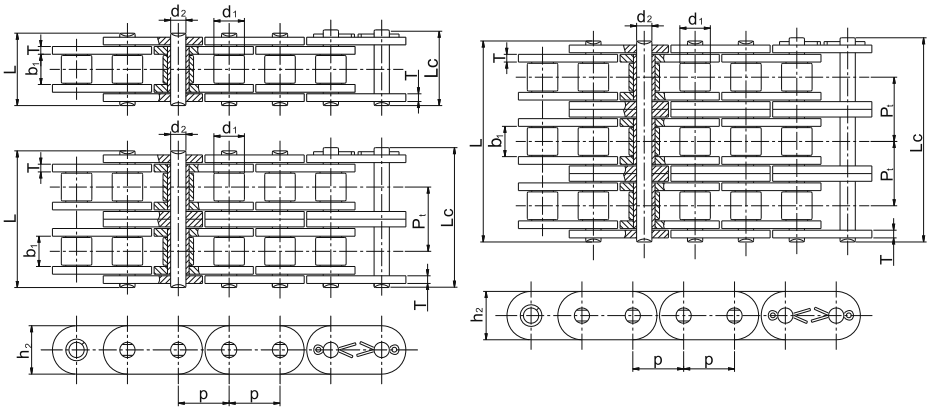
Catene a rulli a **piastre diritte** ISO / *Roller Chains with **Straight Side Plates** (A Series) ISO*



SERIE EUROPEA A PIASTRE DRITTE ISO / *STRAIGHT PLATES EUROPEAN SERIES ISO*

Catena ISO/DIN ISO/DIN *Chain*	Passo *Pitch*		Diam. Rullo *Roller diameter*	Larghezza interna *Width between inner plates*	Diametro Perno *Pin diameter*	Largh. catena ribadita *Riveted chain width*		Altezza piastra *Inner plate depth*	Passo trasv. *Transverse pitch*	Spessore piastra *Plate thickness*	Carico di rottura min. *Ultimate tensile strength*	Carico di rottura medio *Average tensile strength*	Peso al metro *Weight per meter*
	P	P	d_1 max	b_1 min	d_2 max	L max	Lc max	h_2 max	Pt	t/T	Q(ISO/DIN) min	Q_0	q ≈
	pollici	mm	mm	mm	mm	mm	mm	mm	mm	mm	kN	kN	kg/m
08B1SP	1/2x5/16	12.70	8.51	7.75	4.45	16.70	18.20	11.80	-	1.60	17.80/18.00	19.50	0.80
10B1SP	5/8	15.875	10.16	9.65	5.08	19.50	20.90	14.70	-	1.70	22.20/22.40	26.90	1.06
12B1SP	3/4	19.05	12.07	11.68	5.72	22.50	25.20	16.00	-	1.85	28.90/29.00	31.00	1.32
16B1SP	1"	25.40	15.88	17.02	8.28	36.10	39.10	21.00	-	4.09/3.10	60.00	70.00	2.90
20B1SP	1"1/4	31.75	19.05	19.56	10.19	41.30	45.00	26.40	-	4.60/3.60	95.00	101.30	4.16
24B1SP	1"1/2	38.10	25.40	25.40	14.63	53.40	57.80	33.20	-	5.80/4.80	160.00	174.00	7.47
28B1SP	1"3/4	44.45	27.94	30.99	15.90	65.10	69.50	36.70	-	7.50/6.50	200.00	214.00	9.90
32B1SP	2"	50.80	29.21	30.99	17.81	66.00	71.00	42.00	-	7.00/6.00	250.00	267.50	10.45
08B2SP	1/2x5/16	12.70	8.51	7.75	4.45	31.20	32.20	11.80	13.92	1.60	31.10/32.00	37.40	1.45
10B2SP	5/8	15.875	10.16	9.65	5.08	36.10	37.50	14.70	16.59	1.70	44.50	57.80	2.00
12B2SP	3/4	9.05	12.07	11.68	5.72	42.00	44.70	16.00	19.46	1.85	57.80	65.70	2.62
16B2SP	1"	25.40	15.88	17.02	8.28	68.00	71.00	21.00	31.88	4.09/3.10	106.00	124.50	5.80
20B2SP	1"1/4	31.75	19.05	19.56	10.19	77.80	81.50	26.40	36.45	4.60/3.60	170.00	210.00	8.23
24B2SP	1"1/2	38.10	25.40	25.40	14.63	101.70	106.20	33.20	48.36	5.80/4.80	280.00	304.50	14.77
28B2SP	1"3/4	44.45	27.94	30.99	15.90	124.60	129.10	36.70	59.56	7.50/6.50	360.00	385.20	19.68
32B2SP	2"	50.80	29.21	30.99	17.81	124.60	129.60	42.00	58.55	7.00/6.00	450.00	477.00	20.62
08B3SP	1/2x5/16	12.70	8.51	7.75	4.45	45.10	46.10	11.80	13.92	1.60	44.50/47.50	50.20	2.10
10B3SP	5/8	15.875	10.16	9.65	5.08	52.70	54.10	14.70	16.59	1.70	66.70	79.60	2.87
12B3SP	3/4	19.05	12.07	11.68	5.72	61.50	64.20	16.00	19.46	1.85	86.70	101.80	3.89
16B3SP	1"	25.40	15.88	17.02	8.28	99.80	102.90	21.00	31.88	4.09/3.10	160.00	188.00	8.70
20B3SP	1"1/4	31.75	19.05	19.56	10.19	114.20	117.90	26.40	36.45	4.60/3.60	250.00	266.60	11.34
24B3SP	1"1/2	38.10	25.40	25.40	14.63	150.10	154.60	33.20	48.36	5.80/4.80	425.00	462.20	22.10
28B3SP	1"3/4	44.45	27.94	30.99	15.90	184.20	188.70	36.70	59.56	7.50/6.50	530.00	561.80	29.47
32B3SP	2"	50.80	29.21	30.99	17.81	183.20	188.20	42.00	58.55	7.00/6.00	670.00	710.20	30.85

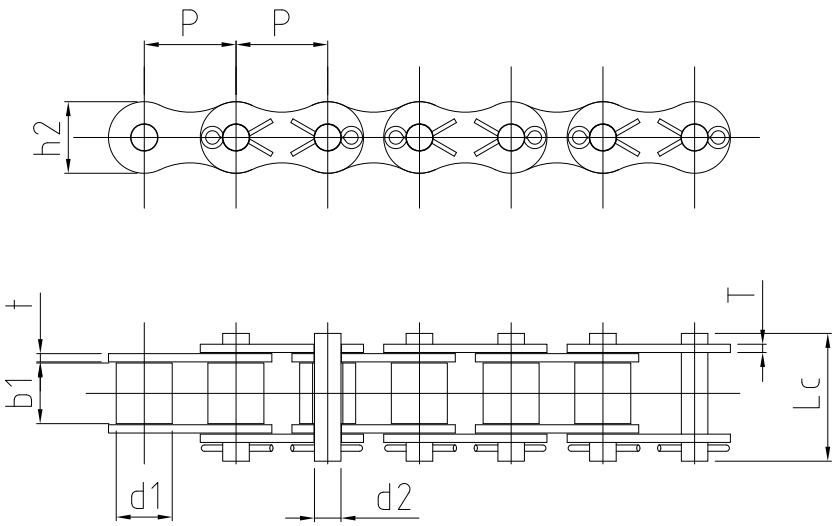
Catene a rulli a **piastre diritte** ASA / *Roller Chains with **Straight Side Plates** ANSI*



SERIE AMERICANA ASA PIASTRE DRITTE / *AMERICAN SERIES ANSI STRAIGHT PLATES*

Catena ASA *ANSI Chain*	Passo *Pitch*		Diam. Rullo *Roller diameter*	Larghezza interna *Width between inner plates*	Diametro Perno *Pin diameter*	Largh. catena ribadita *Riveted chain width*		Altezza piastra *Inner plate depth*	Passo trasv. *Transverse pitch*	Spessore piastra *Plate thickness*	Carico di rottura min. *Ultimate tensile strength*	Carico di rottura medio *Average tensile strength*	Peso al metro *Weight per meter*
	P	P	d_1 max	b_1 min	d_2 max	L max	Lc max	h_2 max	Pt	T	Q(ISO/DIN) min	Q_0	q ≈
	pollici	mm	mm	mm	mm	mm	mm	mm	mm	mm	kN	kN	kg/m
40A1SP	½	12.70	7.95	7.85	3.96	16.60	18.80	12.00	-	1.50	13.80/14.10	17.00	0.73
50A1SP	5/8	15.875	10.16	9.40	5.08	20.70	23.30	15.09	-	2.06	21.80/22.20	26.40	1.23
60A1SP	¾	19.05	11.91	12.57	5.94	25.90	28.30	18.00	-	2.44	31.10/31.80	38.80	1.78
80A1SP	1"	25.40	15.88	15.75	7.92	32.70	36.50	24.00	-	3.26	55.60/56.70	64.90	3.09
100A1SP	1"1/4	31.75	19.05	18.90	9.53	40.40	44.70	30.00	-	4.00	86.70/88.50	101.80	4.56
120A1SP	1"1/2	38.10	22.23	25.22	11.10	50.30	54.30	35.70	-	4.80	124.60/127.00	147.00	6.86
140A1SP	1"3/4	44.45	25.40	25.22	12.70	54.40	59.00	41.00	-	5.56	169.00/172.40	197.70	8.49
160A1SP	2"	50.80	28.58	31.55	14.27	64.80	69.60	47.80	-	6.45	222.40/226.80	260.20	11.50
40A2SP	½	12.70	7.95	7.85	3.96	31.00	33.20	12.00	14.38	1.50	27.60/28.20	33.60	1.43
50A2SP	5/8	15.875	10.16	9.40	5.08	38.90	41.40	15.09	18.11	2.06	43.60/44.40	55.40	2.42
60A2SP	¾	19.05	11.91	12.57	5.94	48.80	51.10	18.00	22.78	2.44	62.30/63.60	83.20	3.53
80A2SP	1"	25.40	15.88	15.75	7.92	62.70	65.80	24.00	29.29	3.26	111.20/113.40	140.00	6.12
100A2SP	1"1/4	31.75	19.05	18.90	9.53	76.40	80.50	30.00	35.76	4.00	173.50/177.00	202.90	9.08
120A2SP	1"1/2	38.10	22.23	25.22	11.10	95.80	99.70	35.70	45.44	4.80	249.10/254.00	291.40	13.60
140A2SP	1"3/4	44.45	25.40	25.22	12.70	103.30	107.90	41.00	48.87	5.65	338.10/344.80	395.50	16.86
160A2SP	2"	50.80	28.58	31.55	14.27	123.30	128.10	47.80	58.55	6.45	444.80/453.60	520.40	22.90
40A3SP	½	12.70	7.95	7.85	3.96	45.40	47.60	12.00	14.38	1.50	41.40/42.30	50.00	2.14
50A3SP	5/8	15.875	10.16	9.40	5.08	57.00	59.50	15.09	18.11	2.06	65.40/66.60	77.80	3.62
60A3SP	¾	19.05	11.91	12.57	5.94	71.50	73.90	18.00	22.78	2.44	93.40/95.40	111.10	5.28
80A3SP	1"	25.40	15.88	15.75	7.92	91.70	95.10	24.00	29.29	3.26	166.80/170.10	198.40	9.10
100A3SP	1"1/4	31.75	19.05	18.90	9.53	112.20	116.30	30.00	35.76	4.00	260.20/265.50	309.60	13.60
120A3SP	1"1/2	38.10	22.23	25.22	11.10	141.40	145.20	35.70	45.44	4.80	373.70/381.00	437.20	20.43
140A3SP	1"3/4	44.45	25.40	25.22	12.70	152.20	156.80	41.00	48.87	5.56	507.10/517.20	593.30	25.23
160A3SP	2"	50.80	28.58	31.55	14.27	181.80	186.60	47.80	58.55	6.45	667.20/680.40	780.60	34.19

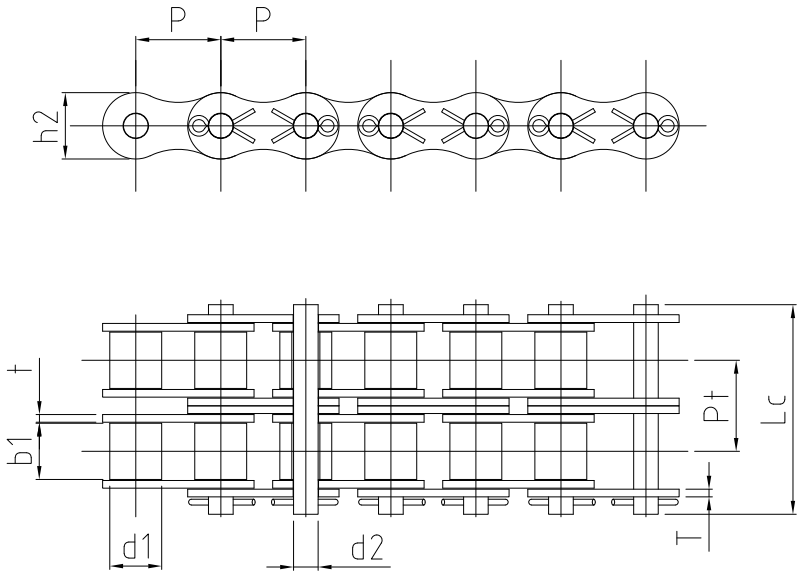
Catene a rulli **con copiglia** ASA / ***Cotter Type*** *Roller Chains ANSI*



SERIE AMERICANA ASA CON COPIGLIA / *AMERICAN SERIES ANSI COTTERED*

Catena ASA *ANSI Chain*	Passo *Pitch*		Diam. Rullo *Roller diameter*	Larghezza interna *Width between inner plates*	Diametro Perno *Pin diameter*	Largh. catena ribadita *Riveted chain width*	Altezza piastra *Inner plate depth*	Passo trasv. *Transverse pitch*	Spessore piastra *Plate thickness*	Carico di rottura min. *Ultimate tensile strength*	Carico di rottura medio *Average tensile strength*	Peso al metro *Weight per meter*
	P	P	d_1 max	b_1 min	d_2 max	L max	h_2 max	Pt	t/T	Q(ISO/DIN) min	Q_0	q ≈
	pollici	mm	mm	mm	mm	mm	mm	mm	mm	kN	kN	kg/m
50A1C	5/8	15.875	10.16	9.40	5.09	22.59	15.09	-	2.00	21.80/22.20	29.4	1.02
60A1C	3/4	19.05	11.91	12.57	5.96	27.75	18.10	-	2.40	31.30/31.80	41.5	1.50
80A1C	1″	25.40	15.88	15.75	7.94	35.60	24.13	-	3.20	55.60/56.70	71.5	2.60
100A1C	1″1/4	31.75	19.05	18.90	9.54	42.60	30.17	-	4.00	87.00/88.50	109.2	3.91
120A1C	1″1/2	38.10	22.23	25.22	11.11	53.51	36.20	-	4.80	125.00/127.00	156.9	5.62
140A1C	1″3/4	44.45	25.40	25.22	12.71	58.21	42.23	-	5.65	170.00/172.40	212.0	7.50
160A1C	2″	50.80	28.58	31.55	14.29	69.08	48.26	-	6.45	223.00/226.80	269.7	10.10
180A1C	2″1/4	57.15	35.71	35.48	17.46	78.45	54.30	-	7.25	281.0	327.8	13.45
200A1C	2″1/2	63.50	39.68	37.85	19.85	85.15	60.33	-	8.00	347.00/353.80	410.00	16.15
240A1C	3″	76.20	47.63	47.35	23.81	100.71	72.39	-	9.50	500.00/510.30	585.4	23.20

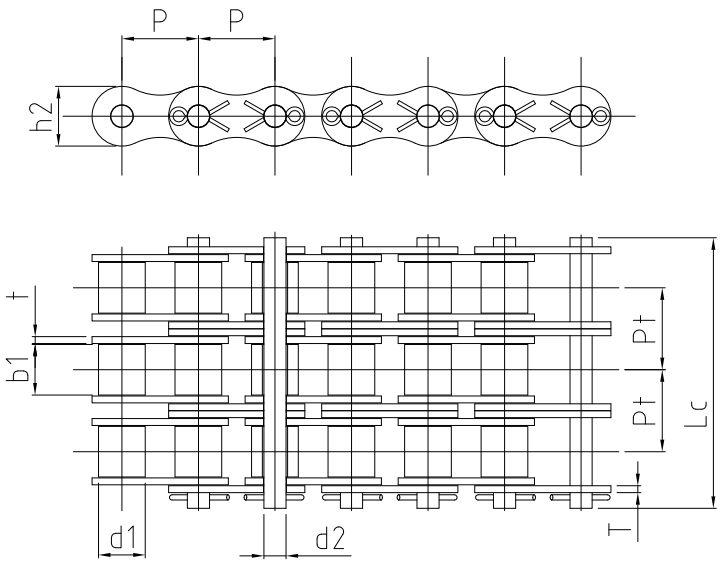
Catene a rulli **con copiglia** ASA / ***Cotter Type*** *Roller Chains ANSI*



SERIE AMERICANA ASA CON COPIGLIA / *AMERICAN SERIES ANSI COTTERED*

Catena ASA *ANSI Chain*	Passo *Pitch*		Diam. Rullo *Roller diameter*	Larghezza interna *Width between inner plates*	Diametro Perno *Pin diameter*	Largh. catena ribadita *Riveted chain width*	Altezza piastra *Inner plate depth*	Passo trasv. *Transverse pitch*	Spessore piastra *Plate thickness*	Carico di rottura min. *Ultimate tensile strength*	Carico di rottura medio *Average tensile strength*	Peso al metro *Weight per meter*
	P	P	d_1 max	b_1 min	d_2 max	L max	h_2 max	Pt	t/T	Q(ISO/DIN) min	Q_0	q ≈
	pollici	mm	mm	mm	mm	mm	mm	mm	mm	kN	kN	kg/m
50A2C	5/8	15.875	10.16	9.40	5.09	40.70	15.09	18.11	2.00	43.60/44.40	56.0	2.00
60A2C	3/4	19.05	11.91	12.57	5.96	50.53	18.10	22.78	2.40	62.60/63.60	82.4	2.92
80A2C	1″	25.40	15.88	15.75	7.94	64.89	24.13	29.29	3.20	111.20/113.40	143.0	5.15
100A2C	1″1/4	31.75	19.05	18.90	9.54	78.36	30.17	35.76	4.00	174.00/177.00	204.0	7.80
120A2C	1″1/2	38.10	22.23	25.22	11.11	98.95	36.20	45.44	4.80	250.00/254.00	313.8	11.70
140A2C	1″3/4	44.45	25.40	25.22	12.71	107.08	42.23	48.87	5.65	340.00/344.80	421.7	15.14
160A2C	2″	50.80	28.58	31.55	14.29	127.63	48.26	58.55	6.45	446.00/453.60	539.4	20.14
180A2C	2″1/4	57.15	35.71	35.48	17.46	144.29	54.30	65.84	7.25	562.0	655.7	29.22
200A2C	2″1/2	63.50	39.68	37.85	19.85	156.70	60.33	71.55	8.00	694.00/707.60	820.0	32.24
240A2C	3″	76.20	47.63	47.35	23.81	188.54	72.39	87.83	9.50	1000.0/1020.6	1170.8	45.23

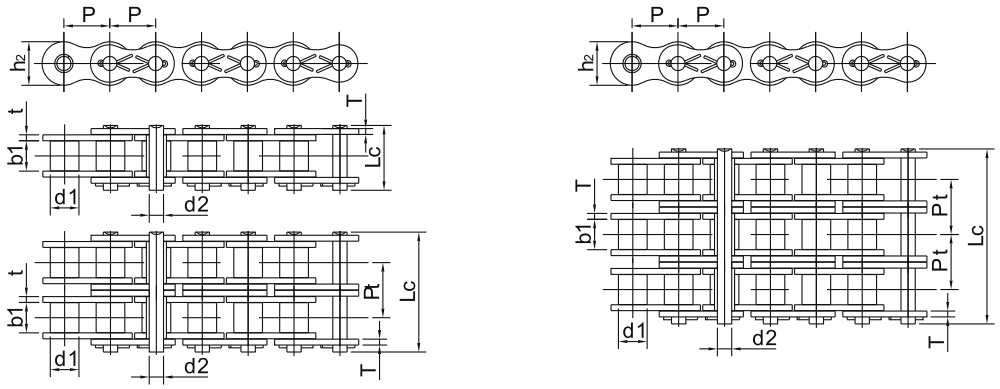
Catene a rulli **con copiglia** ASA / ***Cotter Type*** *Roller Chains ANSI*



SERIE AMERICANA ASA CON COPIGLIA / *AMERICAN SERIES ANSI COTTERED*

Catena ASA *ANSI Chain*	Passo *Pitch*		Diam. Rullo *Roller diameter*	Larghezza interna *Width between inner plates*	Diametro Perno *Pin diameter*	Largh. catena ribadita *Riveted chain width*	Altezza piastra *Inner plate depth*	Passo trasv. *Transverse pitch*	Spessore piastra *Plate thickness*	Carico di rottura min. *Ultimate tensile strength*	Carico di rottura medio *Average tensile strength*	Peso al metro *Weight per meter*
	P	P	d_1 max	b_1 min	d_2 max	L max	h_2 max	Pt	t/T	Q(ISO/DIN) min	Q_0	q ≈
	pollici	mm	mm	mm	mm	mm	mm	mm	mm	kN	kN	kg/m
50A3C	5/8	15.875	10.16	9.40	5.09	58.81	15.09	18.11	2.00	65.40/66.60	82.0	3.09
60A3C	3/4	19.05	11.91	12.57	5.96	73.31	18.10	22.78	2.40	93.90/95.40	115.0	4.54
80A3C	1″	25.40	15.88	15.75	7.94	94.18	24.13	29.29	3.20	166.80/170.10	208.0	7.89
100A3C	1″1/4	31.75	19.05	18.90	9.54	114.12	30.17	35.76	4.00	261.00/265.50	310.0	11.77
120A3C	1″1/2	38.10	22.23	25.22	11.11	144.39	36.20	45.44	4.80	375.00/381.00	470.7	17.53
140A3C	1″3/4	44.45	25.40	25.22	12.71	155.95	42.23	48.87	5.65	510.00/517.20	632.5	22.20
160A3C	2″	50.80	28.58	31.55	14.29	186.18	48.26	58.55	6.45	669.00/680.40	809.0	30.02
180A3C	2″1/4	57.15	35.71	35.48	17.46	210.13	54.30	65.84	7.25	843.0	983.6	38.22
200A3C	2″1/2	63.50	39.68	37.85	19.85	228.25	60.33	71.55	8.00	1041.0/1061.4	1230.0	49.03
240A3C	3″	76.20	47.63	47.35	23.81	276.37	72.39	87.83	9.50	1500.0/1530.9	1756.2	71.6

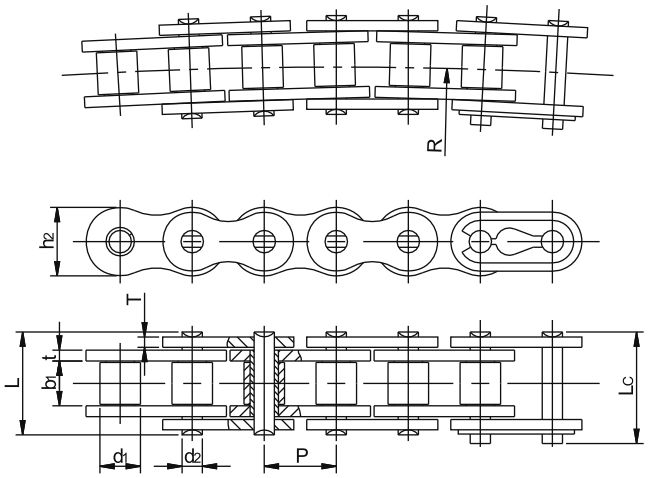
Catene a rulli **con copiglia** ASA H / ***Cotter Type*** *Roller Chains ANSI H*



SERIE AMERICANA ASA H CON COPIGLIA / *AMERICAN SERIES ANSI H COTTERED*

Catena ASA H *ANSI H Chain*	Passo *Pitch*		Diam. Rullo *Roller diameter*	Larghezza interna *Width between inner plates*	Diametro Perno *Pin diameter*	Largh. catena ribadita *Riveted chain width*	Altezza piastra *Inner plate depth*	Passo trasv. *Transverse pitch*	Spessore piastra *Plate thickness*	Carico di rottura min. *Ultimate tensile strength*	Carico di rottura medio *Average tensile strength*	Peso al metro *Weight per meter*
	P	P	d_1 max	b_1 min	d_2 max	Lc max	h_2 max	Pt	t/T	Q min	Q_0	q ≈
	pollici	mm	mm	mm	mm	mm	mm	mm	mm	kN	kN	kg/m
40A1HC	½	12.70	7.95	7.85	3.96	19.70	12.00	-	2.00	13.9	20.40	0.82
50A1HC	5/8	15.785	10.16	9.40	5.09	24.90	15.09	-	2.40	21.8	30.20	1.25
60A1HC	¾	19.05	11.91	12.57	5.96	31.60	18.08	-	3.20	31.3	42.70	1.87
80A1HC	1″	25.40	15.88	15.75	7.94	39.40	24.13	-	4.00	55.6	71.40	3.10
100A1HC	1″1/4	31.75	19.05	18.90	9.54	46.90	30.17	-	4.80	87	112.4	4.52
120A1HC	1″1/2	38.10	22.23	25.22	11.11	57.50	36.20	-	5.65	125	160.9	6.60
140A1HC	1″3/4	44.45	25.40	25.22	12.71	62.50	42.23	-	6.45	170	217.3	8.30
160A1HC	2″	50.80	28.58	31.55	14.29	72.70	48.26	-	7.25	223	285.8	10.30
200A1HC	2″1/2	63.50	39.68	37.85	19.85	93.50	60.33	-	9.50	347	444.5	19.16
60A2HC	3/4	19.05	11.91	12.57	5.96	57.70	18.08	26.11	3.20	62.6	84.5	3.71
80A2HC	1″	25.40	15.88	15.75	7.94	72.20	24.13	32.59	4.00	112.2	145.3	6.15
100A2HC	1″1/4	31.75	19.05	18.90	9.54	86.00	30.17	39.09	4.80	174	225.9	9.03
120A2HC	1″1/2	38.10	22.23	25.22	11.11	106.4	36.20	48.87	5.65	250	322.7	13.13
140A2HC	1″3/4	44.45	25.40	25.22	12.71	114.7	42.23	52.20	6.45	340	437.7	16.60
160A2HC	2″	50.80	28.58	31.55	14.29	134.9	48.26	61.90	7.25	446	571.6	20.20
200A2HC	2″1/2	63.50	39.68	37.85	19.85	171.8	60.33	78.31	9.25	964	894.9	38.11
60A3HC	¾	19.05	11.91	12.57	5.96	83.84	18.08	26.11	3.20	93.9	113.9	5.54
80A3HC	1″	25.40	15.88	15.75	7.94	104.6	24.13	32.59	4.00	166.8	203.5	9.42
100A3HC	1″1/4	31.75	19.05	18.90	9.54	125.1	30.17	39.09	4.80	261	314.8	12.96
120AH3C	1″1/2	38.10	22.23	25.22	11.11	155.2	36.20	48.87	5.65	375	444.7	19.64
140A3HC	1″3/4	44.45	25.40	25.22	12.71	166.9	42.23	52.20	6.45	510	598.4	24.90
160A3HC	2″	50.80	28.58	31.55	14.29	196.8	48.26	61.90	7.25	669	787.3	30.10
200A3HC	2″1/2	63.50	39.68	37.85	19.85	250.1	60.33	78.31	9.25	1041	1228.2	57.05

Catene a rulli **per curve** / ***Side Bow*** *Chains*



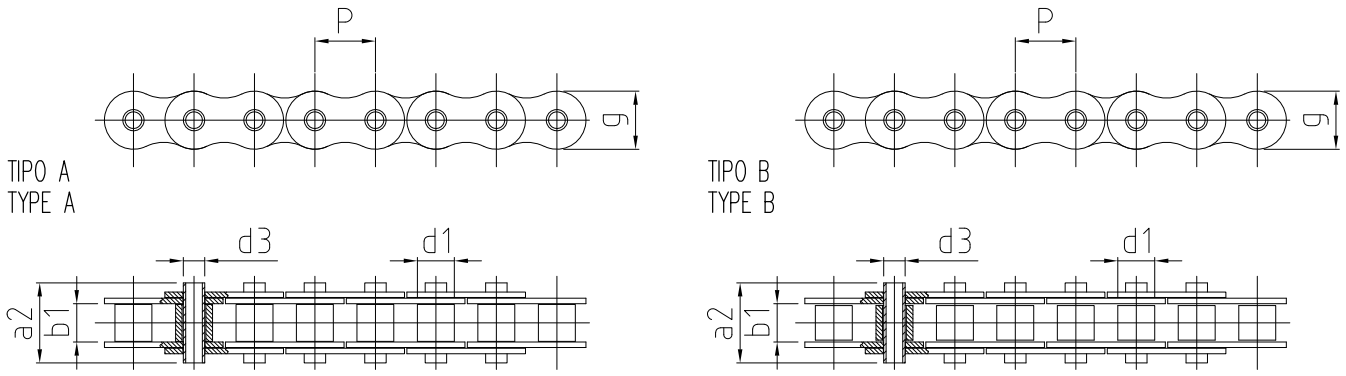
SERIE EUROPEA ISO PER CURVE / *SIDE BOW EUROPEAN SERIES ISO*
SERIE AMERICANA ASA PER CURVE / *SIDE BOW AMERICAN SERIES ANSI*

Catena *Chain*	Passo *Pitch*	Diam. Rullo *Roller diameter*	Larghezza interna *Width between inner plates*	Diametro Perno *Pin diameter*	Largh. catena ribadita *Riveted chain width*		Altezza piastra *Inner plate depth*	Spessore piastra *Plate thickness*	Raggio curvatura laterale *Side bow radius*	Carico di rottura min. *Ultimate tensile strength*	Carico di rottura medio *Average tensile strength*	Peso al metro *Weight per meter*
	P	d_1 max	b_1 min	d_2 max	L max	Lc max	h_2 max	t/T	R	Q	Q_0	q ≈
	mm	mm	mm	mm	mm	mm	mm	mm	mm	kN/LB	kN	kg/m
40A1SB	12.7	7.95	7.85	3.96	16.90	18.10	11.70	1.50	350	13.80/3136	15.20	0.80
43A1SB	12.7	7.95	7.85	3.45	18.30	19.50	11.70	1.50	305	12.00/2727	13.20	0.64
50A1SB	15.875	10.16	9.40	4.37	20.70	22.70	15.09	2.00	400	20.60/4681	22.70	1.09
60A1SB	19.05	11.91	12.57	5.34	26.60	28.40	18.10	2.40	500	15.70/3568	17.30	1.42
63A1SB	19.05	11.91	12.68	5.08	28.80	30.60	17.20	2.4/2.0	350	12.50/2840	20.00	1.40
80A1SB	25.40	15.88	15.75	7.19	34.00	37.30	24.00	3.20	711	40.90/9201	42.00	2.60
08B1SB	12.70	8.51	7.75	3.97	17.40	18.70	11.80	1.60	400	14.00/3182	15.40	0.70
08B1SBF	12.70	8.51	7.75	3.97	16.30	17.60	11.80	1.6/1.2	400	12.80/2909	14.10	0.65
10B1SB	15.875	10.16	9.65	4.50	20.10	21.50	14.70	1.70	400	15.60/3545	17.20	0.93
12B1SB	19.05	12.07	11.68	5.12	23.10	24.80	16.00	1.85	500	20.50/4658	22.60	1.16
16B1SB	25.40	15.88	17.22	7.90	36.50	39.70	21.00	3.7/3.0	500	55.6/12635	64.00	2.53
C2050SB	31.75	10.16	9.40	5.08	21.30	22.60	15.00	2.03	800	21.80/4954	24.10	0.84

Catene a rulli a **perni forati** */ Roller Chains with **Hollow Pins***

Catene costruite con il preciso intento d'aiutare l'utilizzatore nell'adozione di attacchi personalizzati, comodamente adattabili a queste catene secondo le normative unificate.
Nota: Tutte le dimensioni indicate sono espresse in mm.

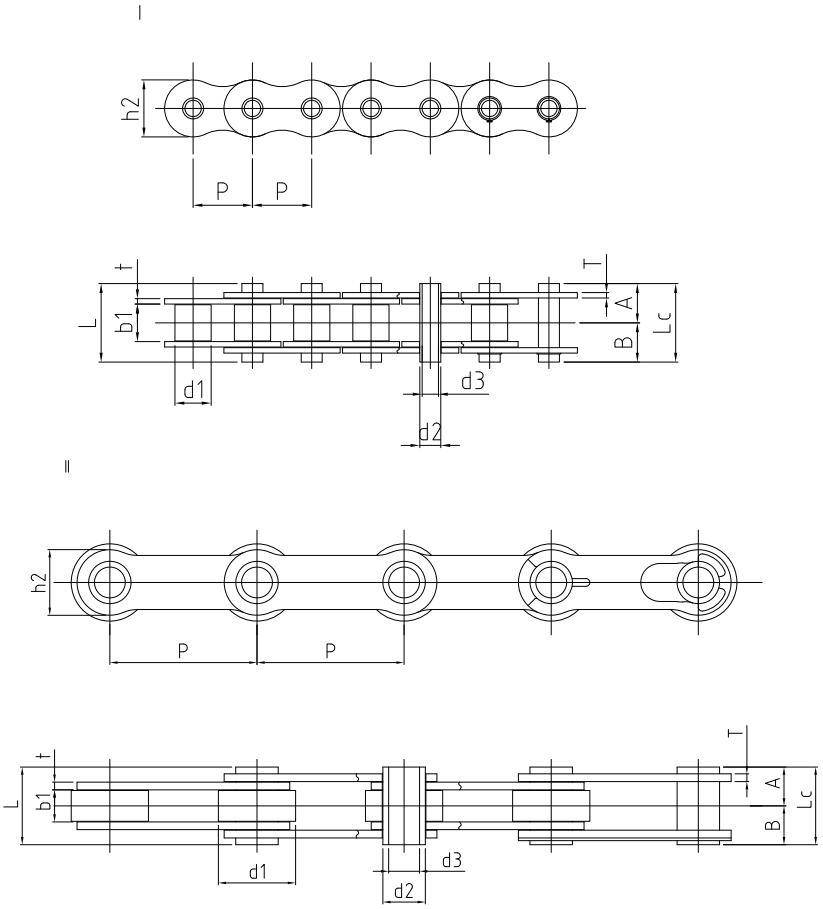
Especially manufactured to help the customer use different attachments, easily adaptable to these chains, in accordance with the current unified regulations.
Note: All dimensions are expressed in mm.



SERIE EUROPEA ISO A PERNI FORATI / *ISO EUROPEAN SERIES HOLLOW PINS*
SERIE AMERICANA ASA A PERNI FORATI / *ANSI AMERICAN SERIES HOLLOW PINS*

Catena *Chain*	P	p	b_1 mm	d_3	d_1 mm	a_2 mm	g mm	F_B min	q Kg/m	Tipo
	mm	inch	min.	mm	max.	max.	max.	N	≈	Type
08B1HP	12.7	1/2"	7.75	4.5	8.51	16.8	12.2	13.500	0.60	A
10B1HP	15.875	5/8"	9.65	5.0	10.16	18.6	14.3	14.500	0.83	A
12B1HP	19.05	3/4"	11.68	5.75	12.07	24.0	16.5	18.500	1.05	A
08B1HP	12.7	1/2"	7.75	4.40	8.51	17.0	11.7	14.000	0.68	B
10B1HP	15.875	5/8"	9.65	5.10	10.16	19.5	14.0	15.000	0.87	B
12B1HP	19.05	3/4"	11.68	5.70	12.07	22.5	18.0	21.000	1.10	B
60A1HP	19.05	3/4"	12.70	5.97	11.91	25.0	18.0	25.000	1.30	B
16B1HP	25.4	1"	17.02	8.10	15.88	36.0	21.0	50.000	2.40	B

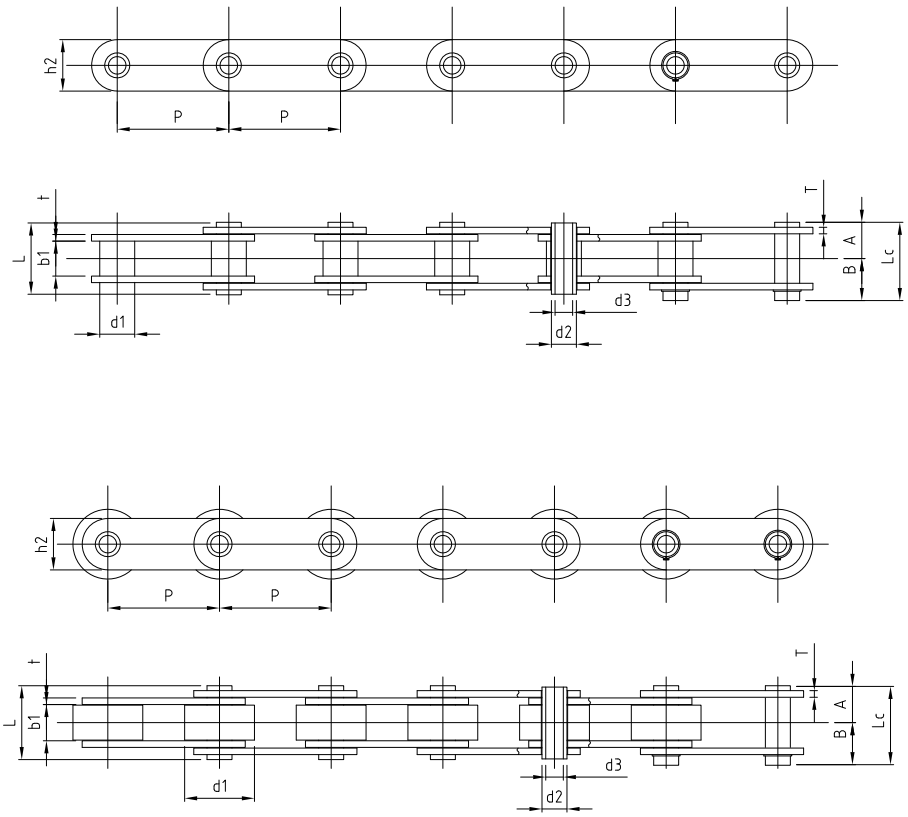
Catene da trasporto a perni forati con **rullo folle** */ Hollow Pins Chains with* ***Double Direction Roller***



Catena *Chain*	Passo *Pitch*	Diam. Bussola *Bush Diameter*	Larghezza interna *Width between inner plates*	Dimensioni Perno *Pin dimensions*						Spessore piastra *Plate thickness*	Altezza piastra *Inner plate depth*	Carico di rottura min. *Utimate tensile strength*	Tipo *Type*
	P	d_1 max	b_1 min	d_2 max	d_3 max	A	B	L (A+A)	L_c (A+b)	t/T	h_2 max	Q min	
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	KN	
40HPDD	12.70	7.95	7.95	5.68	4.00	8.10	9.40	16.2	17.5	1.50	11.70	13.2	I
50HPDD	15.875	10.16	9.53	7.24	5.12	10.3	11.7	20.6	22.0	2.00	14.60	20.6	I
60HPDD	19.05	11.91	12.70	8.37	5.99	12.90	14.3	25.8	27.2	2.40	17.50	31.4	I
80HPDD	25.40	15.88	15.88	11.24	8.02	16.30	17.80	32.6	34.1	3.20	23.00	53.0	I
*081HRNP	12.70	7.75	3.30	5.54	3.55	5.10	6.10	10.2	11.2	1.10	10.5	10.0	I
12BHPDD	19.05	12.07	11.68	8.09	6.00	11.35	12.55	22.7	23.9	1.90	16.0	14.0	I
#P38.1HB	38.10	20.00	8.00	11.0	8.00	9.75	10.35	19.5	20.1	2.00	17.0	28.0	II
#P50.8HB	50.80	30.00	11.00	12.0	8.11	13.50	14.35	27.0	27.85	3.00	26.0	50.0	II

*Rullo Nichelato: nella tabella d1 indica il diametro esterno del rullo
**Nickel-plated Roller: d1 in the table indicates the external diameter of the roller*
Catena a Rullo: nella tabella d1 indica il diametro esterno del rullo
 # Roller Chain: d1 in the table indicates the external diameter of the roller

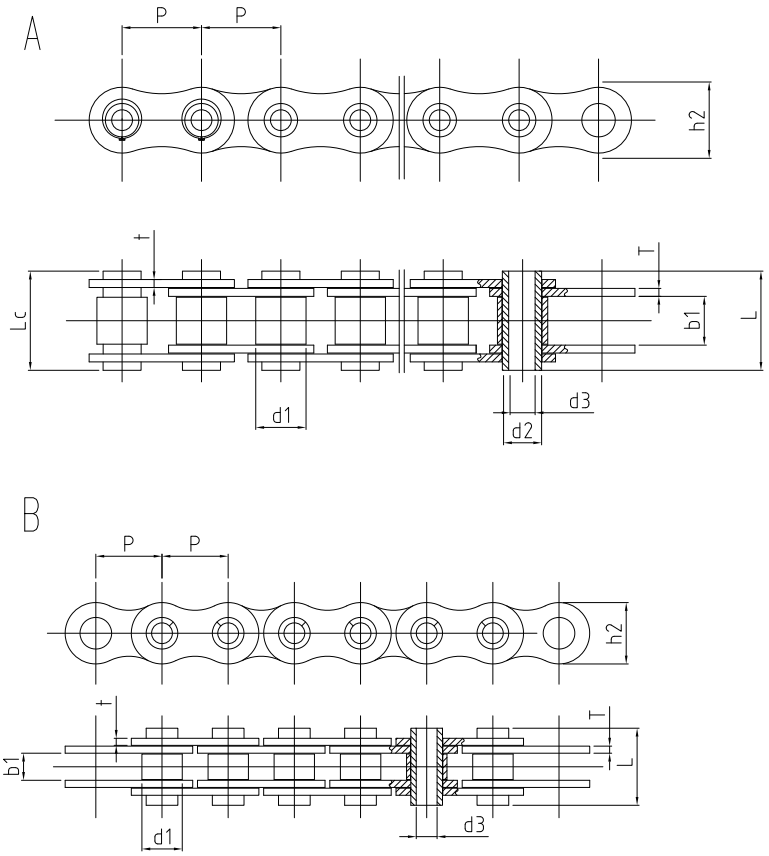
Catene da trasporto a **perni forati** */ **Hollow Pins** Conveyor Chains*



Catena *Chain*	Passo *Pitch*	Diam. Bussola *Bush Diameter*	Larghezza interna *Width between inner plates*	Dimensioni Perno *Pin dimensions*						Spessore piastra *Plate thickness*	Altezza piastra *Inner plate depth*	Carico di rottura min. *Utimate tensile strength*	Tipo *Type*
	P	d_1 max	b_1 min	d_2 max	d_3 max	A	B	L (A+A)	L_c (A+b)	t/T	h_2 max	Q min	
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	KN	
C2040HP #C2042HP	25.40	7.95 15.88	7.95	5.68	4.00	8.10	9.40	16.2	17.5	1.5	11.70	13.2	I II
C2050HP #C2052HP	31.75	10.16 19.05	9.53	7.24	5.12	10.3	11.7	20.6	22.0	2.0	14.60	20.6	I II
C2060HP #C2062HP	38.10	11.91 22.23	12.70	8.37	5.99	12.90	14.3	25.8	27.2	2.4	17.50	31.4	I II
C2080HP #C2082HP	50.80	15.88 28.58	15.88	11.24	8.02	16.30	17.80	32.6	34.1	3.2	23.00	53.0	I II
#P76.2HB	76.20	47.60	18.50	18.30	12.41	24.45	25.65	48.9	50.1	5.0	40.0	132.0	II
#P101.6HB	101.6	66.70	26.00	25.00	20.31	31.50	32.90	63.0	64.4	8.0/6.0	50.0	150.0	II
#P101.6HBa	101.6	66.70	30.70	32.00	20.70	43.60	45.00	87.2	88.6	12.7/10.0	60.0	500.0	II

Catena a Rullo: nella tabella d1 indica il diametro esterno del rullo
 # Roller Chain: d1 in the table indicates the external diameter of the roller

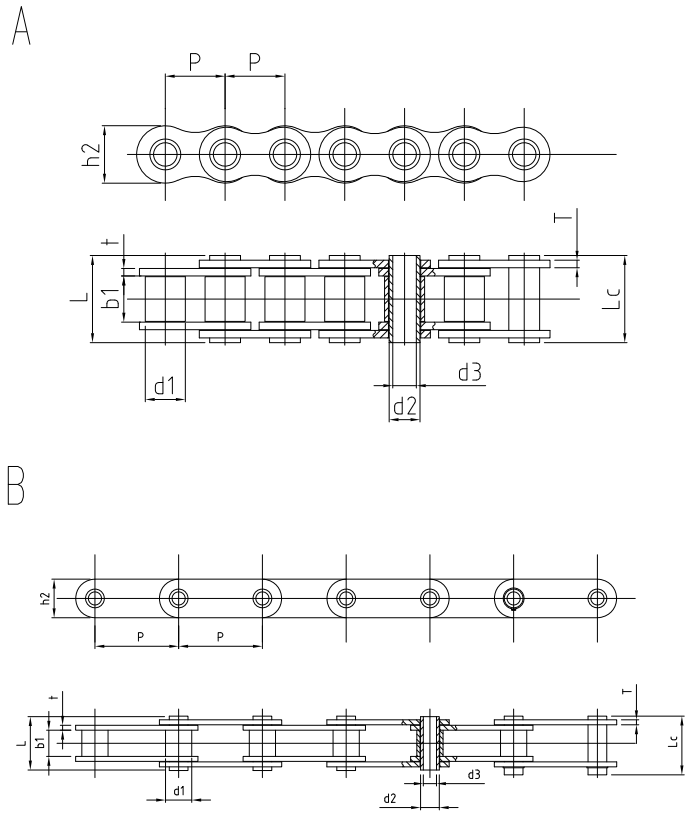
Catene da trasporto a **perni forati** / ***Hollow Pins*** *Conveyor Chains*



Catena *Chain*	Passo *Pitch*	Diam. Bussola *Bush Diameter*	Larghezza interna *Width between inner plates*	Diametro Perno *Pin diameter*		Lungh. catena ribadita *Riveted chain length*		Altezza piastra *Inner plate depth*	Spessore piastra *Plate thickness*	Carico di rottura min. *Utimate tensile strength*	Tipo *Type*
	P	d_1 max	b_1 min	d_2 max	d_3 max	L max	L_c max	h_2 max	t/T	Q min	
	mm	mm	mm	mm	mm	mm	mm	mm	mm	KN	
10BHR	15.875	10.16	6.5	7.6	5.0	17.0	-	14.72	1.7	15	B
12BHR	19.05	12.07	11.86	8.03	5.41	22.5	23.8	15.8	1.9	25	A
12BHRa	19.05	12.07	11.70	8.03	5.0	22.5	23.8	15.8	1.9	25	A

Catena a Rullo: nella tabella d1 indica il diametro esterno del rullo
Roller Chain: d1 in the table indicates the external diameter of the roller

Catene da trasporto a **perni forati** */ **Hollow Pins** Conveyor Chains*

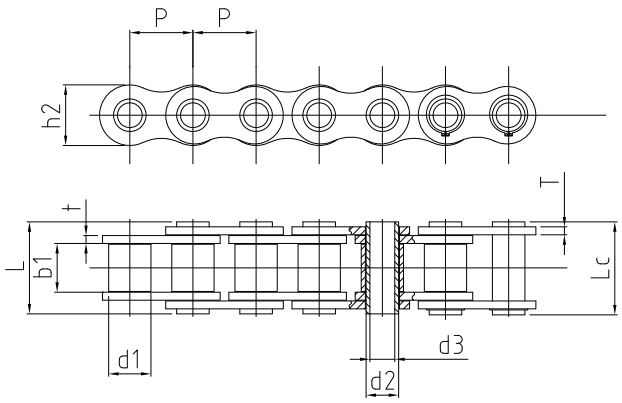


Catena *Chain*	Passo *Pitch*	Diam. Bussola *Bush Diameter*	Larghezza interna *Width between inner plates*	Diametro Perno *Pin diameter*		Lungh. catena ribadita *Riveted chain length*		Altezza piastra *Inner plate depth*	Spessore piastra *Plate thickness*	Carico di rottura min. *Utimate tensile strength*	Tipo *Type*
	P	d_1 max	b_1 min	d_2 max	d_3 max	L max	L_c max	h_2 max	t/T	Q min	
	mm	mm	mm	mm	mm	mm	mm	mm	mm	KN	
08BHFb	12.70	8.51	9.5	6.55	5.0	18.15	-	11.81	1.6	11.1	A
P40HP	40	18.0	22.0	12.0	8.0	47.2	48.8	35.0	5.0	59	B
C60HP	19.05	11.91	12.61	8.33	6.0	25.8	27.5	18.08	2.4	26.9	B
80HPc	25.4	15.88	15.75	11.4	8.4	32.6	33.8	24.0	3.2	45	A

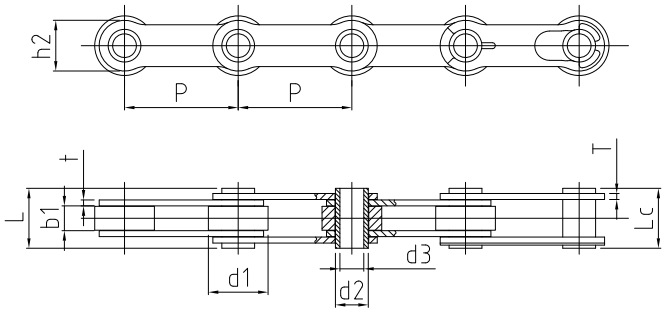
Catena a Rullo: nella tabella d1 indica il diametro esterno del rullo
Roller Chain: d1 in the table indicates the external diameter of the roller

Catene da trasporto a **perni forati** / ***Hollow Pins*** *Conveyor Chains*

A

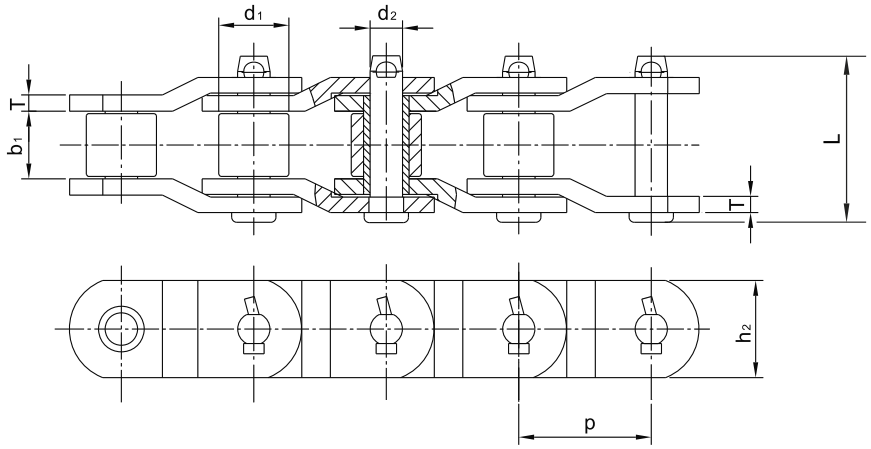


B



Catena *Chain*	Passo *Pitch*	Diam. Rullo *Roller Diameter*	Larghezza interna *Width between inner plates*	Diametro Perno *Pin diameter*		Lungh. catena ribadita *Riveted chain length*		Altezza piastra *Inner plate depth*	Spessore piastra *Plate thickness*	Carico di rottura min. *Utimate tensile strength*	Tipo *Type*
	P	d_1 max	b_1 min	d_2 max	d_3 max	L max	L_c max	h_2 max	t/T	Q min	
	mm	mm	mm	mm	mm	mm	mm	mm	mm	KN	
10BHB	15.875	10.16	9.65	5.94	4.10	19.4	20.5	14.72	1.7	17	A
C2052HB	31.75	19.05	9.53	7.24	5.13	20.6	22.1	14.73	2.0	17.92	A
P40HB	40.0	26.0	10.0	11.4	8.20	27.0	29.0	24.0	3.0	32	A
P50HB	50.0	20.0	14.0	9.0	6.2	28.5	30.3	20.0	2.5	20.42	A
P50.8HBa	50.8	30.0	10.0	11.7	8.10	26.6	27.8	26.0	3.0	60	B
P50.8HBb				11.4	8.20						
P63HB	63.0	30.0	10.0	11.7	8.10	26.6	27.8	26.0	3.0	50	B

Catene a maglie false per **trasmissioni pesanti** / ***Heavy Duty*** *Cranked-link Transmission Chains*



SERIE AMERICANA / *AMERICAN SERIES*

Catena *Chain*	Passo *Pitch*	Diam. Rullo *Roller diameter*	Larghezza interna *Width between inner plates*	Diametro Perno *Pin diameter*	Largh. catena ribadita *Riveted chain width*	Altezza piastra *Inner plate depth*	Spessore piastra *Plate thickness*	Carico di rottura min. *Ultimate tensile strength*	Carico di rottura medio *Average tensile strength*	Peso al metro *Weight per meter*
	P	d_1 max	b_1 min	d_2 max	L max	h_2 max	T	Q min	Q_0	q ≈
	mm	mm	mm	mm	mm	mm	mm	kN	kN	kg/m
2010	63.50	31.75	38.10	15.90	90.70	47.80	7.90	250.00	270.00	14.00
2512	77.90	41.28	39.60	19.05	100.00	57.00	9.70	340.00	367.20	18.40
40SL INOX	78.11	31.75	31.75	15.90	89.65	38.00	9.50	265.60	300.00	10.40
2814	88.90	44.45	38.10	22.25	117.60	60.50	12.70	470.00	507.60	25.10
3315	103.45	45.24	49.30	23.85	134.90	63.50	14.20	550.00	594.00	27.30
3618	114.30	57.15	52.30	27.97	141.20	79.20	14.20	760.00	820.80	38.20
MXS882	66.27	22.23	28.58	11.10	68.50	28.50	6.40	115.60	124.80	5.30

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