



**iRiS**  
chains

[www.iris-chains.com](http://www.iris-chains.com)

SINCE  
**1935**

## Corrosion resistant chains

The variety of model of stainless steel chains, are reliable, fatigue and corrosion-resistant, and they are ideal for use in applications involving food and beverage industry

# Corrosion resistant chains



## Nickel

Chains with nickel treatment are very successful on the market due to their slick appearance. They look similar to stainless steel chains thanks to their smooth, shiny finish.

They have good corrosion resistance to petrol, oleic acid, alcohol, ethylglycol, sugar and urea.



## Delta-Tone

Delta-Tone is a non-electrolytic coating with electrical conductivity and high temperature resistance. It has low friction values and high anti corrosion-protection.

It is made of zinc and aluminium sheets that are fixed on the steel surface by a chemical reaction. An indiffusible film is obtained, with a cathodic protection effect.



## Delta-Seal

Delta-Seal coating provides high anti-corrosion resistance with reduced electrical conductivity. It greatly reduces the wear caused by the friction of metals.

It is an organic top-coat that does not cause hydrogen embrittlement. It provides resistance to organic solvents such as anti coolants and motor oil



## Delta-Protect

Delta-Protect ensures very high corrosion protection with film thickness of a few thousands of a millimetre. It also provides a more uniform exterior appearance.

It is a coating with a mixture of zinc and aluminium flakes which improves white corrosion protection. It admits subsequent treatments for improved protection to wear and chemicals.

<b>Corrosion resistance</b>	Corrosion-resistance up to <b>70-100 hours.</b>	Corrosion-resistance up to <b>500-1000 hours.</b>	Corrosion-resistance up to <b>500 hours.</b>	Corrosion-resistance up to <b>600 hours.</b>
<b>Temperature resistance</b>		Up to <b>150°C</b>	Up to <b>120°C</b>	Up to <b>180°C</b>
<b>Magnetism</b>				
<b>Wear resistance</b>				

### SERVICES

Many references **available in stock**

**Standard attachments chains in 48 h**

**Specific product on request**

**Matched pairs on request for**

*chains working in parallel*

**Chains of any length**

Various **special lubricants** available

**Technical assistance**

The variety of model of stainless steel chains, are reliable, fatigue and corrosion-resistant, and they are ideal for use in applications involving food and beverage industry. For permanent corrosion resistance, a sufficient regular lubrication is necessary.

Nickel plated and Deal seal might be the sound solution for medium corrosive environments.

## Corrosion resistant chains



### 304 SS Series

304 SS Series has excellent resistance to corrosion and temperature extremes. These steel can withstand operating temperatures up to 400 °C, with special lubrication without problems.

Made completely of 304 stainless steel (austenitic non-magnetic steel). It's non magnetic, although some permeability can be found.

Good for general **acid, alkalic** and **water**

**+40°C to -400°C** (never use below 160° or over 700°)

Slightly magnetic

Fair



### 600 AS Series

AISI 600 is an excellent choice for drives requiring both corrosion resistance and high mechanical resistance.

AISI 600 hardened by precipitation (PH) stainless steel are used in particular on rounded parts (pins, rollers and bushing). Link plates are made of 304 stainless steel. Magnetic steels.

Good for general **acid, alkalic** and **water**

**+40°C to -400°C** (never use over 500°)

Magnetic

**Excellent**



### 316 SS Series

316 SS Series is the most corrosion resistant standard steel chain. It has also the highest resistance to temperature extremes.

SS series are made completely of 316 stainless steel. It's our non-magnetic chains, because of its extremely low magnetic permeability.

**Superior** to 340SS and 600 SS

**+40°C to -400°C** (never use below 250° or over 800°)

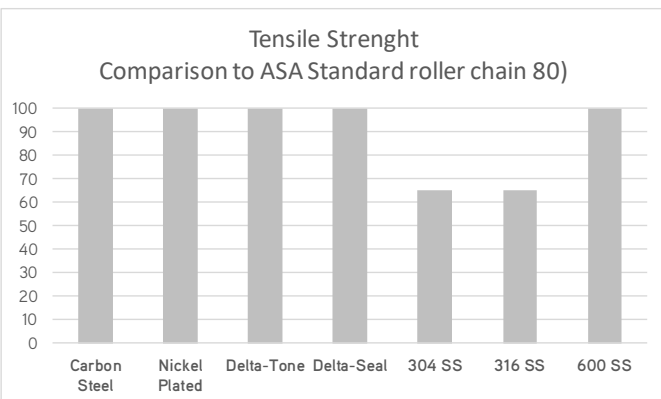
Non-magnetic

Fair

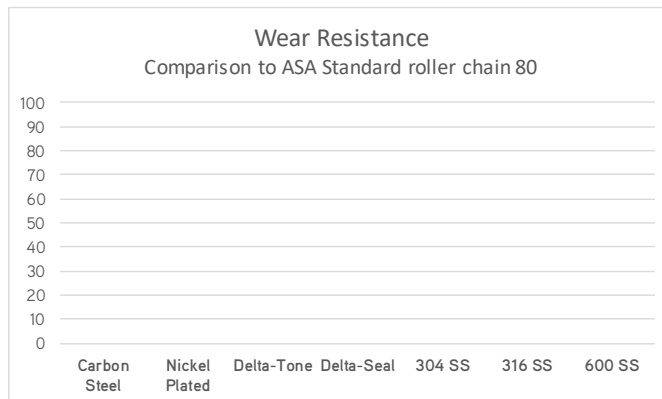
### Poly-Steel Series

Poly-Steel has a superior wear life, excellent corrosion resistance, and requires no lubrication. This design provides a lightweight, quiet chain for economical solutions to difficult application problems.

It is made of moulded engineering plastic with 304 stainless steel pin links. This combination effectively incorporates the advantages of both material into one chain.

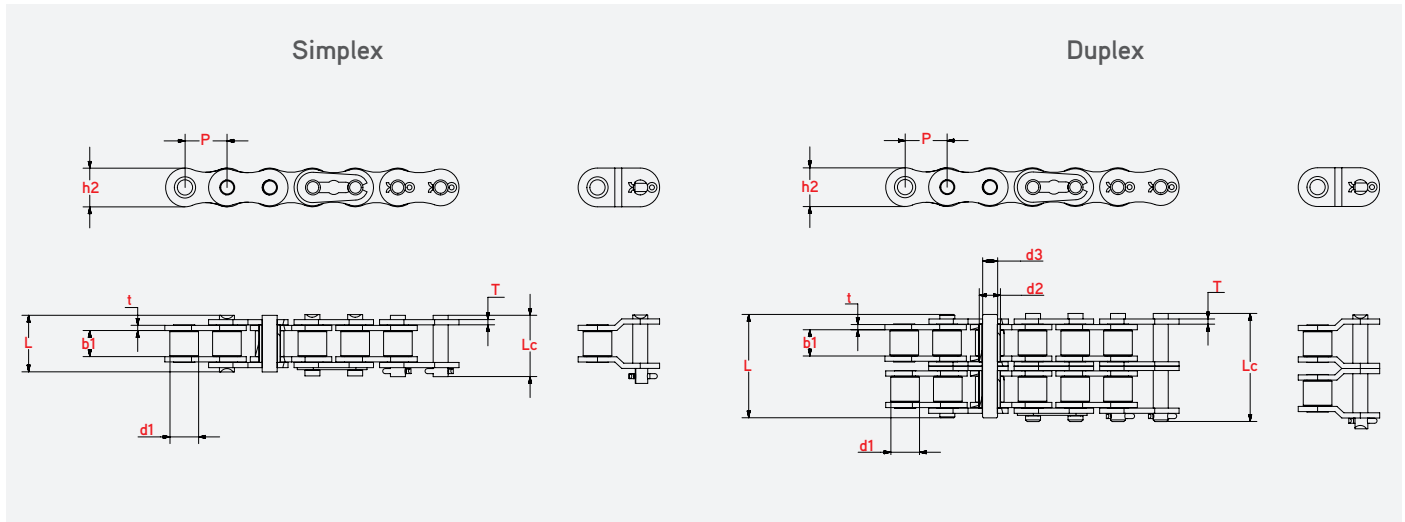


Nickel plated and Delta seal chains show as much strength as the standard carbon steel chains.



Stainless steel chain perform extraordinarily in highly corrosive environments.

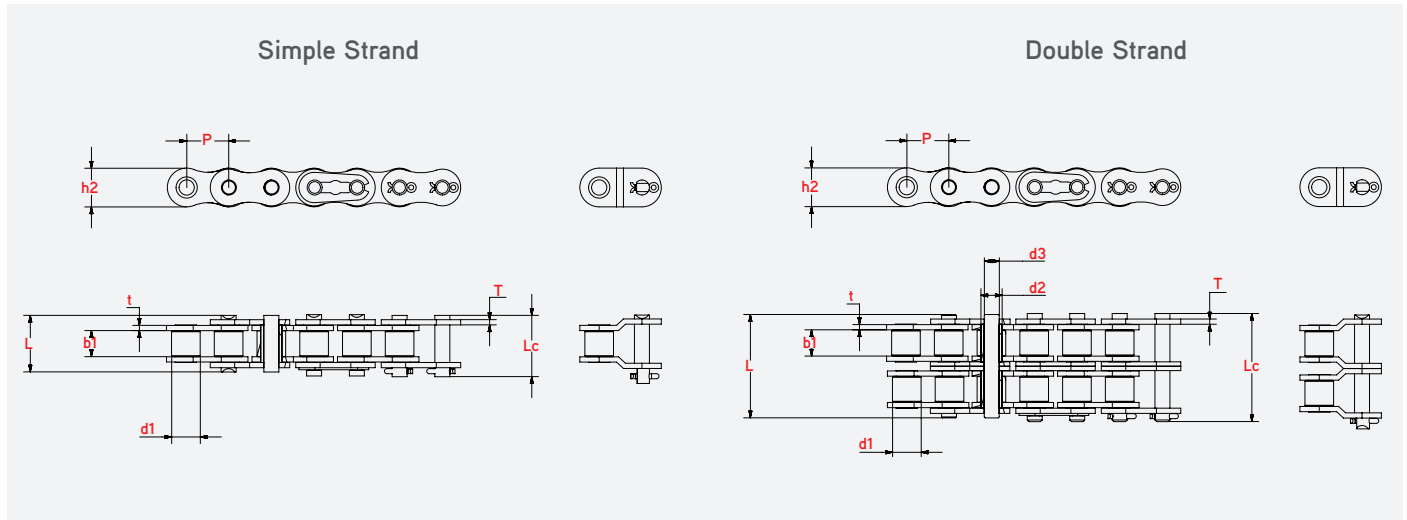
# ISO Series Corrosion resistant chains ISO 606



DIN/ISO No.	Material	Pitch	Roller diameter	Width between plates	Pin diameter	Pin length		Inner Plate depth	Plate thickness	Minimum Tensile strength	Weight per meter
		P mm	d1 max mm	b1 min mm	d2 max mm	L max mm	Lc max mm	h2 max mm	t/T max mm	Q min KN	q kg/m
<b>SIMPLEX</b>											
04B-1	CS, NP, DT, SS	6,000	4,00	2,80	1,85	6,80	7,80	5,00	0,60	3,00	0,11
05B-1	CS, NP, DT, SS	8,000	5,00	3,00	2,31	8,20	8,90	7,10	0,80	5,00	0,20
*06B-1	CS, NP, DT, SS	9,525	6,35	5,72	3,28	13,15	14,10	8,20	1,30	9,00	0,41
08B-1	CS, NP, DT, SS	12,700	8,51	7,75	4,45	16,70	18,20	11,80	1,60	18,00	0,69
10B-1	CS, NP, DT, SS	15,875	10,16	9,65	5,08	19,50	20,90	14,70	1,70	22,40	0,93
12B-1	CS, NP, DT, SS	19,050	12,07	11,68	5,72	22,50	24,20	16,00	1,85	29,00	1,15
16B-1	CS, NP, DT, SS	25,400	15,88	17,02	8,28	36,10	37,40	21,00	4,15/3,1	60,00	2,71
20B-1	CS, NP, DT, SS	31,750	19,05	19,56	10,19	41,30	45,00	26,40	4,5/3,5	95,00	3,70
24B-1	CS, DT, SS	38,100	25,40	25,40	14,63	53,40	57,80	33,20	6,0/4,8	160,00	7,10
28B-1	CS, DT, SS	44,450	27,94	30,99	15,90	65,10	69,50	36,70	7,5/6,0	200,00	8,50
<b>DUPLEX</b>											
05B-2	CS, NP, DT, SS	8,000	5,00	3,00	2,31	13,90	14,50	7,10	0,80	7,80	0,33
*06B-2	CS, NP, DT, SS	9,525	6,35	5,72	3,28	23,40	24,40	8,20	1,30	16,90	0,77
08B-2	CS, NP, DT, SS	12,700	8,51	7,75	4,45	31,20	32,20	11,80	1,60	32,00	1,34
10B-2	CS, NP, DT, SS	15,875	10,16	9,65	5,08	36,10	37,50	14,70	1,70	44,50	1,84
12B-2	CS, NP, DT, SS	19,050	12,07	11,68	5,72	42,00	43,60	16,00	1,85	57,80	2,31
16B-2	CS, NP, DT, SS	25,400	15,88	17,02	8,28	68,00	69,30	21,00	4,15/3,1	106,00	5,42
20B-2	CS, NP, DT, SS	31,750	19,05	19,56	10,19	77,80	81,50	26,40	4,5/3,5	170,00	7,20
24B-2	CS, DT, SS	38,100	25,40	25,40	14,63	101,70	106,20	33,20	6,0/4,8	280,00	13,40
28B-2	CS, DT, SS	44,450	27,94	30,99	15,90	124,60	129,10	36,70	7,5/6,0	360,00	16,60
<b>TRIPLEX</b>											
05B-3	CS, NP, DT, SS	8,000	5,00	3,00	2,31	19,50	20,20	7,10	0,80	11,10	0,48
*06B-3	CS, NP, DT, SS	9,525	6,35	5,72	3,28	33,50	34,60	8,20	1,30	24,90	1,16
08B-3	CS, NP, DT, SS	12,700	8,51	7,75	4,45	45,10	46,10	11,80	1,60	47,50	2,03
10B-3	CS, NP, DT, SS	15,875	10,16	9,65	5,08	52,70	54,10	14,70	1,70	66,70	2,77
12B-3	CS, NP, DT, SS	19,050	12,07	11,68	5,72	61,50	63,10	16,00	1,85	86,70	3,46
16B-3	CS, NP, DT, SS	25,400	15,88	17,02	8,28	99,80	101,20	21,00	4,15/3,1	160,00	8,13
20B-3	CS, NP, DT, SS	31,750	19,05	19,56	10,19	114,20	117,90	26,40	4,5/3,5	250,00	10,82
24B-3	CS, DT, SS	38,100	25,40	25,40	14,63	150,10	154,60	33,20	6,0/4,8	425,00	20,10
28B-3	CS, DT, SS	44,450	27,94	30,99	15,90	184,20	188,70	36,70	7,5/6,0	530,00	24,92

\* Straight side plates.

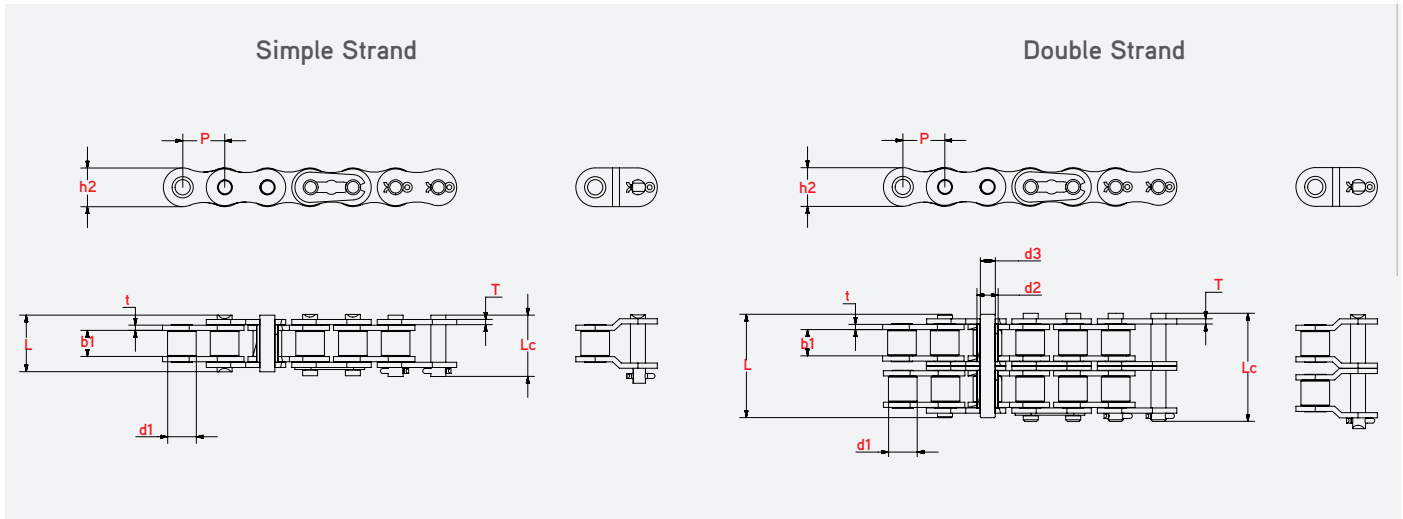
# ASA Series Corrosion resistant chains ISO 606



DIN/ISO No.	ANSI No.	Material	Pitch	Roller diameter	Width between plates	Pin diameter	Pin length		Inner Plate depth	Plate thickness	Minimum Tensile strength	Weight per meter
			P mm	d1 max mm	b1 min mm	d2 max mm	L max mm	Lc max mm	h2 max mm	t/T max mm	Q min KN	q kg/m
<b>SIMPLEX</b>												
*04A-1	*25	CS, DT, SS	6,350	3,30	3,18	2,31	7,90	8,40	6,00	0,80	3,50	0,15
*06A-1	*35	CS, DT, SS	9,525	5,08	4,77	3,58	12,40	13,17	9,00	1,30	7,90	0,33
08A-1	40	CS, DT, SS	12,700	7,95	7,85	3,96	16,60	17,80	12,00	1,50	14,10	0,62
10A-1	50	CS, DT, SS	15,875	10,16	9,40	5,08	20,70	22,20	15,09	2,03	22,20	1,02
12A-1	60	CS, DT, SS	19,050	11,91	12,57	5,94	25,90	27,70	18,00	2,42	31,80	1,50
16A-1	80	CS, DT, SS	25,400	15,88	15,75	7,92	32,70	35,00	24,00	3,25	56,70	2,60
20A-1	100	CS, DT, SS	31,750	19,05	18,90	9,53	40,40	44,70	30,00	4,00	88,50	3,91
24A-1	120	CS, DT, SS	38,100	22,23	25,22	11,10	50,30	54,30	35,70	4,80	127,00	5,62
<b>DUPLEX</b>												
*04A-2	*25-2	CS, DT, SS	6,350	3,30	3,18	2,31	14,50	15,00	6,00	0,80	7,00	0,28
*06A-2	*35-2	CS, DT, SS	9,525	5,08	4,77	3,58	22,50	23,30	9,00	1,30	15,80	0,63
08A-2	40-2	CS, DT, SS	12,700	7,95	7,85	3,96	31,00	32,20	12,00	1,50	28,20	1,12
10A-2	50-2	CS, DT, SS	15,875	10,16	9,40	5,08	38,90	40,40	15,09	2,03	44,40	2,00
12A-2	60-2	CS, DT, SS	19,050	11,91	12,57	5,94	48,80	50,50	18,00	2,42	63,60	2,92
16A-2	80-2	CS, DT, SS	25,400	15,88	15,75	7,92	62,70	64,30	24,00	3,25	113,40	5,15
20A-2	100-2	CS, DT, SS	31,750	19,05	18,90	9,53	76,40	80,50	30,00	4,00	177,00	7,80
24A-2	120-2	CS, DT, SS	38,100	22,23	25,22	11,10	95,80	99,70	35,70	4,80	254,00	11,70
<b>TRIPLEX</b>												
*04A-3	*25-3	CS, DT, SS	6,350	3,30	3,18	2,31	21,00	21,50	6,00	0,80	10,50	0,44
*06A-3	*35-3	CS, DT, SS	9,525	5,08	4,77	3,58	32,70	33,50	9,00	1,30	23,70	1,05
08A-3	40-3	CS, DT, SS	12,700	7,95	7,85	3,96	45,40	46,60	12,00	1,50	42,30	1,90
10A-3	50-3	CS, DT, SS	15,875	10,16	9,40	5,08	57,00	58,50	15,09	2,03	66,60	3,09
12A-3	60-3	CS, DT, SS	19,050	11,91	12,57	5,94	71,50	73,30	18,00	2,42	95,40	4,54
16A-3	80-3	CS, DT, SS	25,400	15,88	15,75	7,92	91,70	93,60	24,00	3,25	170,10	7,89
20A-3	100-3	CS, DT, SS	31,750	19,05	18,90	9,53	112,20	116,30	30,00	4,00	265,50	11,77
24A-3	120-3	CS, DT, SS	38,100	22,23	25,22	11,10	141,40	145,20	35,70	4,80	381,00	17,53

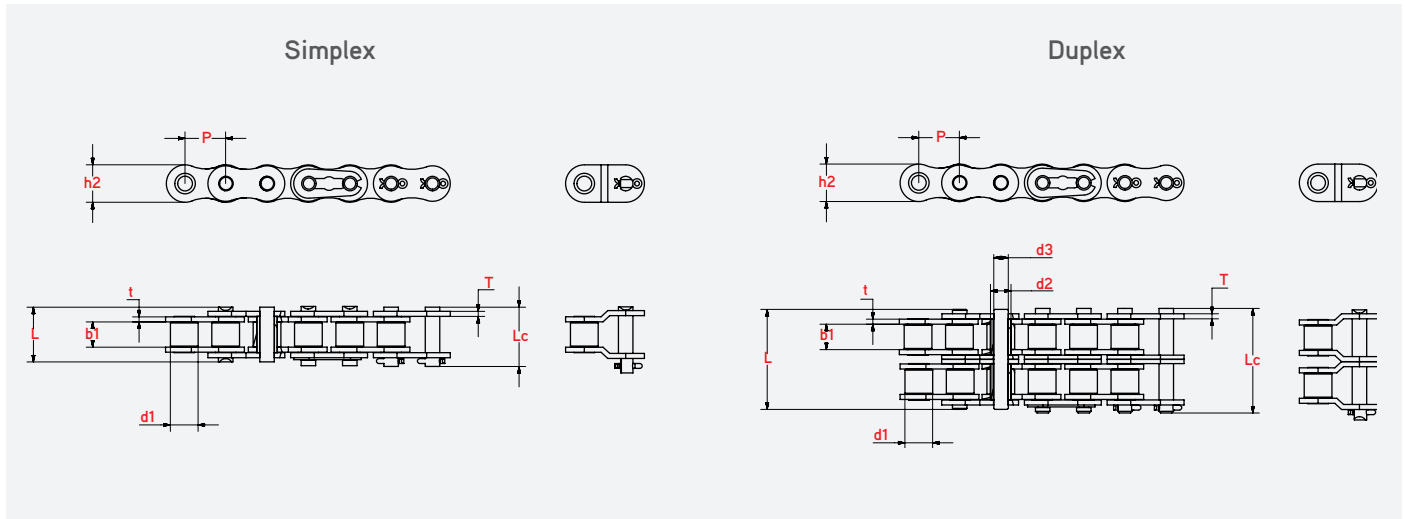
\* Bushing chain: d1 indicates the external diameter of the bushing.

# ISO Series Stainless steel chains ISO 606



DIN/ISO No.	Pitch P mm	Roller diameter d1 max mm	Width between plates b1 min mm	Pin diameter d2 max mm	Pin length		Inner Plate depth h2 max mm	Plate thickness t/T max mm	304 SERIES	316 SERIES	600 SERIES	Weight per meter q kg/m
					Minimum Tensile strength Q min KN	Minimum Tensile strength Q min KN			Minimum Tensile strength Q min KN			
<b>SIMPLEX</b>												
4BSS-1	6,000	4,00	2,80	1,85	6,80	7,80	5,00	0,60	2,00	2,00		0,11
5BSS-1	8,000	5,00	3,00	2,31	8,20	8,90	7,10	0,80	3,50	3,50		0,20
6BSS-1	9,525	6,35	5,72	3,28	13,15	14,10	8,20	1,20	6,20	6,20		0,41
8BSS-1	12,700	8,51	7,75	4,45	16,70	18,20	11,80	1,50	12,00	12,00	18,00	0,69
10BSS-1	15,875	10,16	9,65	5,08	19,50	20,90	14,70	1,60	14,50	14,50	21,75	0,93
12BSS-1	19,050	12,07	11,68	5,72	22,50	24,20	16,00	1,80	18,50	18,50	27,75	1,15
16BSS-1	25,400	15,88	17,02	8,28	36,10	37,40	21,00	4,0/3,0	40,00	40,00	60,00	2,71
20BSS-1	31,750	19,05	19,56	10,19	41,30	45,00	26,40	4,00	59,00	59,00		3,70
24BSS-1	38,100	25,40	25,40	14,63	53,40	57,80	33,20	6,0/4,8	104,00	104,00		7,10
28BSS-1	44,450	27,94	30,99	15,90	65,10	69,50	36,70	7,5/6,0	120,00	120,00		8,50
32BSS-1	50,800	29,21	30,99	17,81	66,00	71,00	42,00	7,0/6,0	150,00	150,00		10,25
<b>DUPLEX</b>												
5BSS-2	8,000	5,00	3,00	2,31	13,90	14,50	7,10	0,80	3,90	3,90		0,33
6BSS-2	9,525	6,35	5,72	3,28	23,40	24	20	1,20	8,45	8,45		0,77
8BSS-2	12,700	8,51	7,75	4,45	31,20	32,20	11,80	1,50	16,00	16,00		1,34
10BSS-2	15,875	10,16	9,65	5,08	36,10	37,50	14,70	1,60	22,25	22,25		1,84
12BSS-2	19,050	12,07	11,68	5,72	42,00	43,60	16,00	1,80	28,90	28,90		2,31
16BSS-2	25,400	15,88	17,02	8,28	68,00	69,30	21,00	4,0/3,0	53,00	53,00		5,42
20BSS-2	31,750	19,05	19,56	10,19	77,80	81,50	26,40	4,00	85,00	85,00		7,20
24BSS-2	38,100	25,40	25,40	14,63	101,70	106,20	33,20	6,0/4,8	140,00	140,00		13,40
28BSS-2	44,450	27,94	30,99	15,90	124,60	129,10	36,70	7,5/6,0	180,00	180,00		16,60
32BSS-2	50,800	29,21	30,99	17,81	124,60	129,60	42,00	7,0/6,0	225,00	225,00		21,00
<b>TRIPLEX</b>												
5BSS-3	8,000	5,00	3,00	2,31	19,50	20,20	7,10	0,80	7,20	7,20		0,48
6BSS-3	9,525	6,35	5,72	3,28	33,50	34,60	8,20	1,20	16,20	16,20		1,16
8BSS-3	12,700	8,51	7,75	4,45	45,10	46,10	11,80	1,50	30,80	30,80		2,03
10BSS-3	15,875	10,16	9,65	5,08	52,70	54,10	14,70	1,60	43,40	43,40		2,77
12BSS-3	19,050	12,07	11,68	5,72	61,50	63,10	16,00	1,80	46,00	46,00		3,46
16BSS-3	25,400	15,88	17,02	8,28	99,80	101,20	21,00	4,0/3,0	104,00	104,00		8,13
20BSS-3	31,750	19,05	19,56	10,19	114,20	117,90	26,40	4,00	163,00	163,00		10,82
24BSS-3	38,100	25,40	25,40	14,63	150,10	154,60	33,20	6,0/4,8	276,00	276,00		20,10
28BSS-3	44,450	27,94	30,99	15,90	184,20	188,70	36,70	7,5/6,0	345,00	345,00		24,92
32BSS-3	50,800	29,21	30,99	17,81	183,20	188,20	42,00	7,0/6,0	435,00	435,00		31,56

# ASA Series Stainless steel chains ISO 606

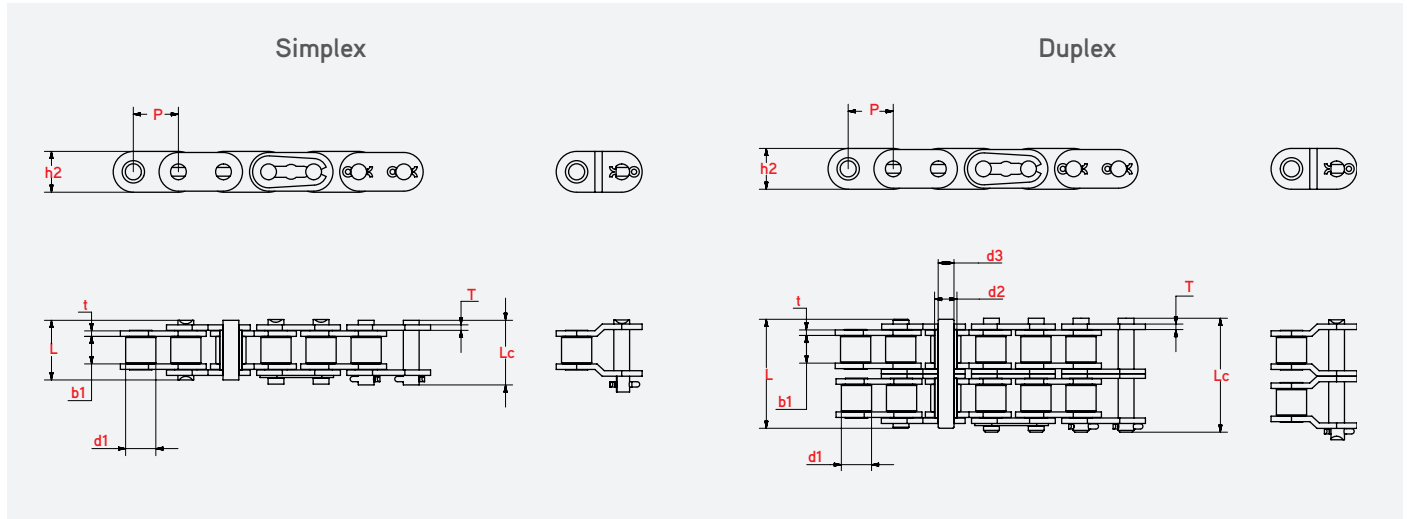


DIN/ISO No.	Pitch P mm	Roller diameter d1 max mm	Width between plates b1 min mm	Pin diameter d2 max mm	Pin length		Inner Plate depth h2 max mm	Plate thickness t/T max mm	304 SERIES	316 SERIES	600 SERIES	Weight per meter q kg/m
					Minimum Tensile strength Q min KN	Minimum Tensile strength Q min KN			Minimum Tensile strength Q min KN			
<b>SIMPLEX</b>												
*04ASS-1	*25SS	6,350	3,30	2,31	7,90	8,40	6,00	0,75	2,50	2,50		0,15
*06ASS-1	*35SS	9,525	5,08	3,58	12,40	13,17	9,00	1,20	5,50	5,50		0,33
08ASS-1	40SS	12,700	7,95	3,96	16,60	17,80	12,00	1,50	9,60	9,60	14,40	0,62
10ASS-1	50SS	15,875	10,16	5,08	20,70	22,20	15,09	2,00	15,20	15,20	22,80	1,02
12ASS-1	60SS	19,050	11,91	5,94	25,90	27,70	18,00	2,40	21,70	21,70	32,55	1,50
16ASS-1	80SS	25,400	15,88	7,92	32,70	35,00	24,00	3,00	38,90	38,90	58,35	2,60
20ASS-1	100SS	31,750	19,05	9,53	40,40	44,70	30,00	4,00	60,00	60,00		3,91
24ASS-1	120SS	38,100	22,23	11,10	50,30	54,30	35,70	4,80	88,90	88,90		5,62
28ASS-1	140SS	44,450	25,40	12,70	54,40	59,00	41,00	5,60	103,44	103,44		7,50
32ASS-1	160SS	50,800	28,58	14,27	64,80	69,60	47,80	6,40	136,08	136,08		10,10
<b>DUPLEX</b>												
*04ASS-2	*25SS	6,350	3,30	2,31	14,50	15,00	6,00	0,75	3,50	3,50		0,63
*06ASS-2	*35SS	9,525	5,08	3,58	22,50	23,30	9,00	1,20	7,90	7,90		0,81
08ASS-2	40SS	12,700	7,95	3,96	31,00	32,20	12,00	1,50	14,10	14,10		2,00
10ASS-2	50SS	15,875	10,16	5,08	38,90	40,40	15,09	2,00	22,20	22,20		2,92
12ASS-2	60SS	19,050	11,91	5,94	48,80	50,50	18,00	2,40	31,80	31,80		5,15
16ASS-2	80SS	25,400	15,88	7,92	62,70	64,30	24,00	3,00	56,70	56,70		7,80
20ASS-2	100SS	31,750	19,05	9,53	76,40	80,50	30,00	4,00	88,50	88,50		11,70
24ASS-2	120SS	38,100	22,23	11,10	95,80	99,70	35,70	4,80	127,00	127,00		15,14
28ASS-2	140SS	44,450	25,40	12,70	103,30	107,90	41,00	5,60	172,40	172,40		20,14
32ASS-2	160SS	50,800	28,58	14,27	123,30	128,10	47,80	6,40	226,80	226,80		29,22
<b>TRIPLEX</b>												
*04ASS-2	*25SS	6,350	3,30	2,31	21,00	21,50	6,00	0,75	5,25	5,25		0,44
*06ASS-2	*35SS	9,525	5,08	3,58	32,70	33,50	9,00	1,20	11,85	11,85		1,05
08ASS-2	40SS	12,700	7,95	3,96	45,40	46,60	12,00	1,50	33,30	33,30		1,90
10ASS-2	50SS	15,875	10,16	5,08	57,00	58,50	15,09	2,00	47,70	47,70		3,09
12ASS-2	60SS	19,050	11,91	5,94	71,50	73,30	18,00	2,40	85,05	85,05		4,54
16ASS-2	80SS	25,400	15,88	7,92	91,70	93,60	24,00	3,00	132,75	132,75		7,89
20ASS-2	100SS	31,750	19,05	9,53	112,20	116,30	30,00	4,00	190,50	190,50		11,70
24ASS-2	120SS	38,100	22,23	11,10	141,40	145,20	35,70	4,80	258,50	258,50		17,53
28ASS-2	140SS	44,450	25,40	12,70	152,20	156,80	41,00	5,60	340,20	340,20		22,20
32ASS-2	160SS	50,800	28,58	14,27	181,80	186,60	47,80	6,40	420,35	420,35		30,02

\* Bushing chain: d1 indicate the external diameter of the bushing.

# ISO Series Stainless steel chains ISO 606

with Straight Side Plates

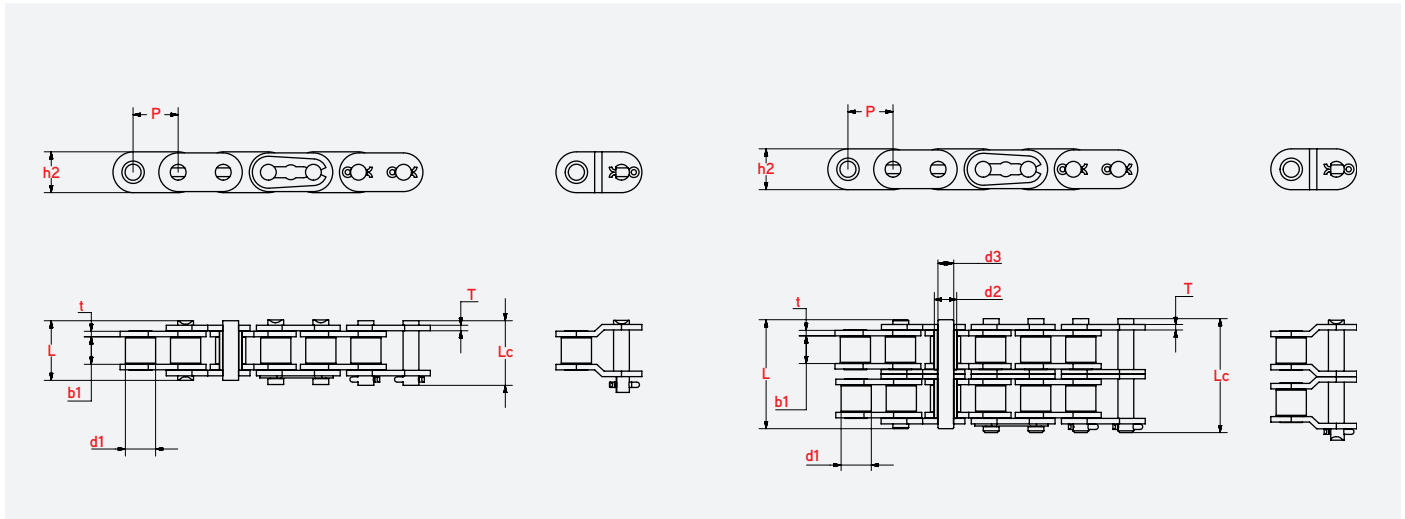


	Pitch	Roller diameter	Width between plates	Pin diameter	Pin length	Inner Plate depth	Plate thickness	Minimum Tensile strength	Weight per meter
DIN/ISO No.	P mm	d1 max mm	b1 min mm	d2 max mm	L max mm	h2 max mm	t/T max mm	Q min KN	q kg/m
<b>SIMPLEX</b>									
C08ASS-1	C40SS	12,700	7,85	3,96	16,60	12,00	1,50	9,80	0,72
C10ASS-1	C50SS	15,875	9,40	5,08	20,70	15,09	2,00	16,20	1,22
C12ASS-1	C60SS	19,050	12,57	5,94	25,90	18,00	2,40	21,00	1,80
C16ASS-1	C80SS	25,400	15,75	7,92	32,70	24,00	3,00	36,00	3,10
C20ASS-1	C100SS	31,750	18,90	9,53	40,40	30,00	4,00	58,90	4,55
C24ASS-1	C120SS	38,100	25,22	11,10	50,30	35,70	4,80	92,80	6,87
<b>DUPLEX</b>									
C08ASS-2	C40SS	12,700	7,85	3,96	31,00	12,00	1,50	21,20	1,44
C10ASS-2	C50SS	15,875	9,40	5,08	38,90	15,09	2,00	32,04	2,45
C12ASS-2	C60SS	19,050	12,57	5,94	48,80	18,00	2,40	48,07	3,59
C16ASS-2	C80SS	25,400	15,75	7,92	62,70	24,00	3,00	86,50	6,14
C20ASS-2	C100SS	31,750	18,90	9,53	76,40	30,00	4,00	123,40	9,12
C24ASS-2	C120SS	38,100	25,22	11,10	95,80	35,70	4,80	180,30	13,70
<b>TRIPLEX</b>									
C08ASS-3	C40SS	12,700	7,85	3,96	45,40	12,00	1,50	30,00	2,15
C10ASS-3	C50SS	15,875	9,40	5,08	57,00	15,09	2,00	57,10	3,64
C12ASS-3	C60SS	19,050	12,57	5,94	71,50	18,00	2,40	69,30	5,37
C16ASS-3	C80SS	25,400	15,75	7,92	91,70	24,00	3,00	130,50	9,13
C20ASS-3	C100SS	31,750	18,90	9,53	112,20	30,00	4,00	169,60	13,62
C24ASS-3	C120SS	38,100	25,22	11,10	141,40	35,70	4,80	262,30	20,45



# ASA Series Stainless steel chains ISO 606

with Straight Side Plates



	Pitch	Roller diameter	Width between plates	Pin diameter	Pin length	Inner Plate depth	Plate thickness	Minimum Tensile strength	Weight per meter
DIN/ISO No.	P mm	d1 max mm	b1 min mm	d2 max mm	L max mm	h2 max mm	t/T max mm	Q min KN	q kg/m
<b>SIMPLEX</b>									
C08ASS-1	C40SS	12,700	7,85	3,96	16,60	12,00	1,50	9,80	0,72
C10ASS-1	C50SS	15,875	9,40	5,08	20,70	15,09	2,00	16,20	1,22
C12ASS-1	C60SS	19,050	12,57	5,94	25,90	18,00	2,40	21,00	1,80
C16ASS-1	C80SS	25,400	15,75	7,92	32,70	24,00	3,00	36,00	3,10
C20ASS-1	C100SS	31,750	18,90	9,53	40,40	30,00	4,00	58,90	4,55
C24ASS-1	C120SS	38,100	25,22	11,10	50,30	35,70	4,80	92,80	6,87
<b>DUPLEX</b>									
C08ASS-2	C40SS	12,700	7,85	3,96	31,00	12,00	1,50	21,20	1,44
C10ASS-2	C50SS	15,875	9,40	5,08	38,90	15,09	2,00	32,04	2,45
C12ASS-2	C60SS	19,050	12,57	5,94	48,80	18,00	2,40	48,07	3,59
C16ASS-2	C80SS	25,400	15,75	7,92	62,70	24,00	3,00	86,50	6,14
C20ASS-2	C100SS	31,750	18,90	9,53	76,40	30,00	4,00	123,40	9,12
C24ASS-2	C120SS	38,100	25,22	11,10	95,80	35,70	4,80	180,30	13,70
<b>TRIPLEX</b>									
C08ASS-3	C40SS	12,700	7,85	3,96	45,40	12,00	1,50	30,00	2,15
C10ASS-3	C50SS	15,875	9,40	5,08	57,00	15,09	2,00	57,10	3,64
C12ASS-3	C60SS	19,050	12,57	5,94	71,50	18,00	2,40	69,30	5,37
C16ASS-3	C80SS	25,400	15,75	7,92	91,70	24,00	3,00	130,50	9,13
C20ASS-3	C100SS	31,750	18,90	9,53	112,20	30,00	4,00	169,60	13,62
C24ASS-3	C120SS	38,100	25,22	11,10	141,40	35,70	4,80	262,30	20,45

\* **Bushing chain:** d1 indicate the external diameter of the bushing.

# Poly-Steel Series chains

Poly-Steel chains are ideal for applications in environments with high hygienec requirements or exposed to corrosive agents or humid conditions. Their corrosion resistance enhances the performance and productivity of the application.

The combination of moulded engineering plastic with stainless steel pins provides a chain that is both quieter and considerably lighter in weight.

## SERVICES

*Many references available in stock*

*Standard attachments chains in 48 h*

*Specific product on request*

*Matched pairs on request for chains working in parallel*

*Chains of any length*

*Technical assistance*

## Highlights

- ▶ Longer operation life due to wear resistance.
- ▶ Eases and reduces maintenance work.
- ▶ No lubrication necessary, environmentally-friendly solution.
- ▶ Reduces noise significantly.
- ▶ Operating temperature range: -20°C to + 80°C

## Industries

- ▶ Food and beverages
- ▶ Pharmaceutical and medical
- ▶ Packaging applications
- ▶ Conveyor systems
- ▶ Electronics
- ▶ Many more applications

	Pitch	Roller diameter	Width between plates	Pin diameter	Pin length	Inner Plate depth	Plate thickness	Minimum Tensile strength	Weight per meter
DIN/ISO No.	P mm	d1 max mm	b1 min mm	d2 max mm	L max mm	h2 max mm	t/T max mm	Q min KN	q kg/m
08B-1 SS PL	12,700	8,51	7,75	4,45	16,70	11,80	1,50	12,20	0,82
10B-1 SS PL	15,875	10,16	9,65	5,08	19,50	14,70	1,60	16,20	1,07
12B-1 SS PL	19,050	12,07	11,68	5,72	22,50	16,00	1,80	17,70	1,33
16B-1 SS PL	25,400	15,88	17,02	8,28	36,10	21,00	4,0/3,0	46,70	3,10

