

TABLE TOP CHAINS

STRAIGHT RUNNING & SIDE FLEXING

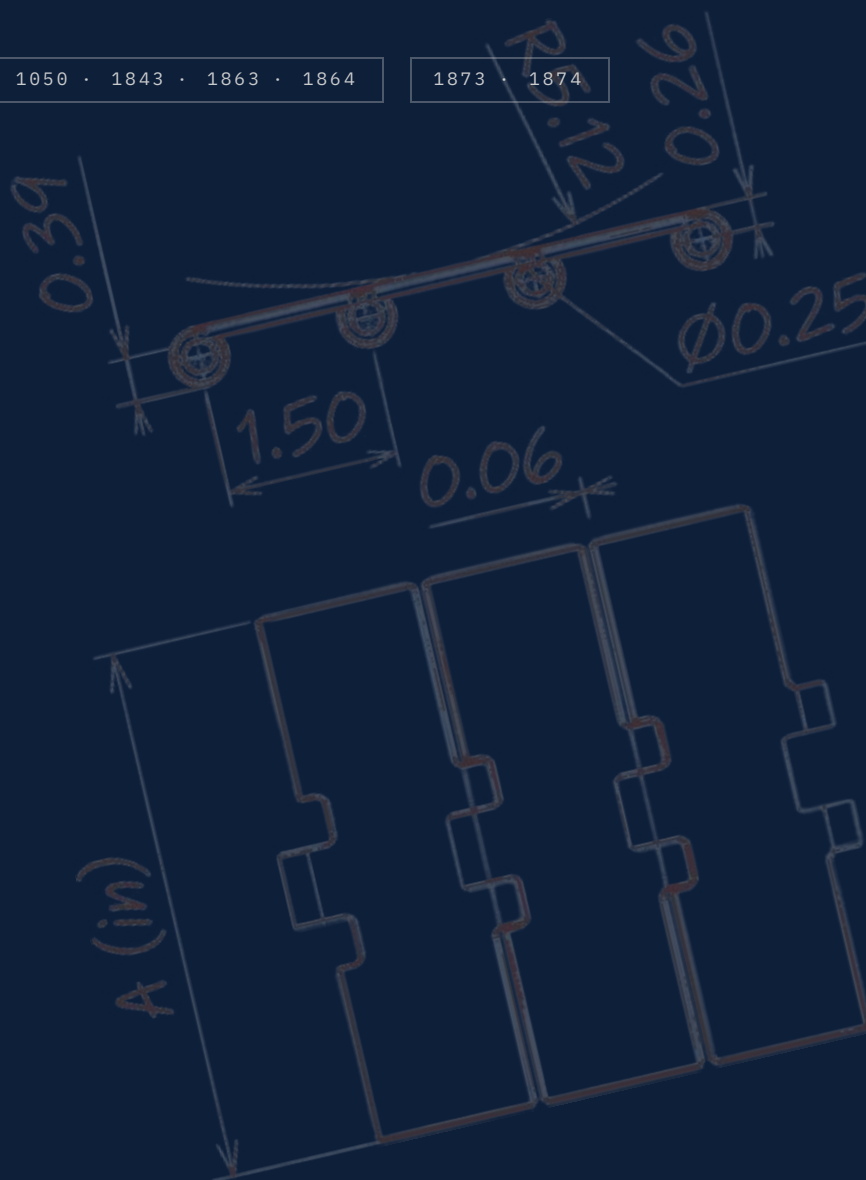
815 · 820 · 821

879 · 880 · 881 · 882

1050 · 1843 · 1863 · 1864

1873 · 1874

PLASTIC & STEEL BASE



UNIKING CANADA INC.

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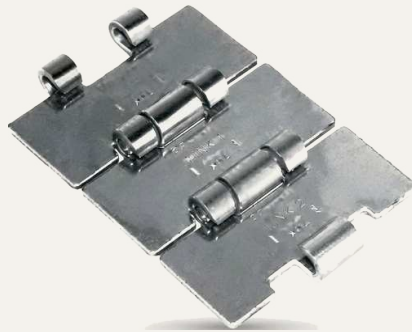
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815 TABLE TOP CHAIN - STRAIGHT RUNNING



Chain

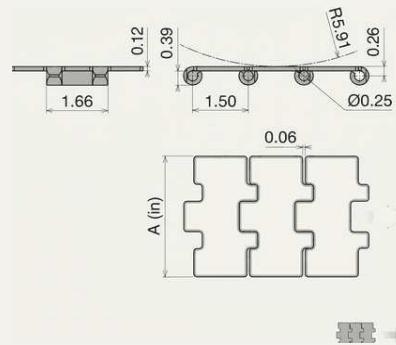


Plate & Section

CHAIN SIZES

Chain width	2.25	2.63	3.25	4	4.5	6	7.5
Chain width in	2.25	2.63	3.25	4	4.5	6	7.5
Chain width mm	57.2	66.7	82.6	101.6	114.3	152.4	190.5
Weight lb/ft	1.43	1.6	1.84	2.14	2.34	2.94	3.54
Weight kg/m	2.13	2.38	2.74	3.19	3.49	4.38	5.27

CHAIN GEOMETRY

Dimension	in	mm	Dimension	in	mm
Thickness	0.12	3.1	Plate Bottom to Chain Bottom	0.38	9.5
Overall Width	1.69	42.9	Height Over Centerline	0.25	6.4
Guide Clearance	1.75	44.4	Chain Pitch	1.5	38.1
Min. Back-flex Radius	6.5	165.1	Pin Diameter	0.25	6.4

AVAILABLE GRADES, STRENGTH & TEMPERATURE

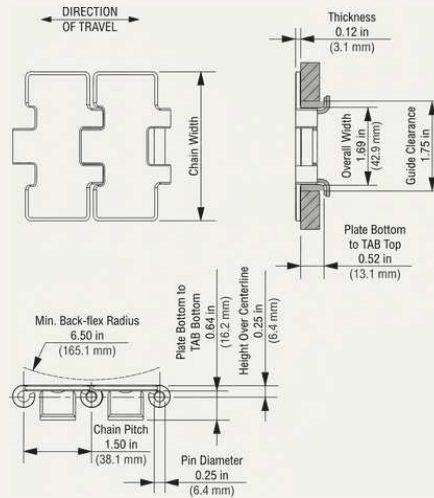
Prefix	Material	Chain strength		FDA	Fahrenheit			Celsius		
		lb	N		min	max dry	max wet	min	max dry	max wet
STANDARD GRADES										
S	Carbon Steel	625	2780	No	-40	350	NR	-40	177	NR
SS	Stainless Steel	625	2780	Yes	-100	800	212	-73	427	100
NON-STANDARD GRADES										
SSB	Stainless Steel Low Magnetic	625	2780	Yes	-100	800	212	-73	427	100

Based on the material chemistries, industry standards, and the documentation in the Federal Registry, it is the opinion of that the Table Top stainless steel chains can be considered GRAS for direct food contact.
Stainless steel is austenitic.

815 TAB TABLE TOP CHAIN - STRAIGHT RUNNING



Chain, Low Friction Material



Plate, Section & Pitch

CHAIN SIZES

Chain width	3.25	4.5	7.5
Chain width in	3.25	4.5	7.5
Chain width mm	82.6	114.3	190.5
Weight lb/ft	2.12	2.62	3.82
Weight kg/m	3.16	3.9	5.69

CHAIN GEOMETRY

Dimension	in	mm	Dimension	in	mm
Thickness	0.12	3.1	Plate Bottom to TAB Bottom	0.64	16.2
Overall Width	1.69	42.9	Height Over Centerline	0.25	6.4
Guide Clearance	1.75	44.4	Chain Pitch	1.5	38.1
Plate Bottom to TAB Top	0.52	13.1	Pin Diameter	0.25	6.4
Min. Back-flex Radius	6.5	165.1			

AVAILABLE GRADES, STRENGTH & TEMPERATURE

Prefix	Material	Chain strength		FDA	Fahrenheit			Celsius		
		lb	N		min	max dry	max wet	min	max dry	max wet
NON-STANDARD GRADES										
S	Carbon Steel	625	2780	No	-40	350	NR	-40	177	NR
SS	Stainless Steel	625	2780	Yes	-100	800	212	-73	427	100

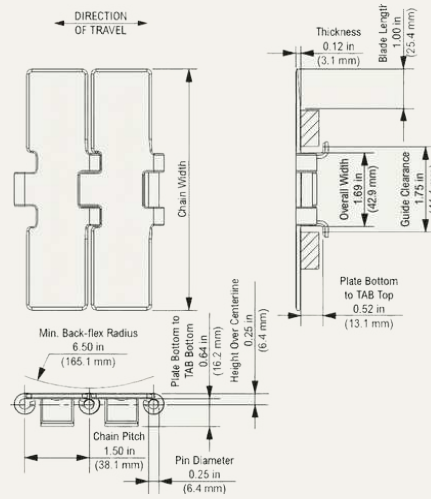
Based on the material chemistries, industry standards, and the documentation in the Federal Registry, it is the opinion of that the Table Top stainless steel chains can be considered GRAS for direct food contact.
Stainless steel is austenitic.

815 TAB Table Top Chain utilizes 881 series sprockets only.

815 TAB TABLE TOP CHAIN WITH TRANSFER TOP PLATE - STRAIGHT RUNNING



Chain, Low Friction Material



Plate, Section & Pitch

CHAIN SIZES

Chain width		7.5
Chain width in		7.5
Chain width mm		190.5
Weight lb/ft		3.75
Weight kg/m		5.59

CHAIN GEOMETRY

Dimension	in	mm	Dimension	in	mm
Thickness	0.12	3.1	Min. Back-flex Radius	6.5	165.1
Blade Length	1	25.4	Plate Bottom to TAB Bottom	0.64	16.2
Overall Width	1.69	42.9	Height Over Centerline	0.25	6.4
Guide Clearance	1.75	44.4	Chain Pitch	1.5	38.1
Plate Bottom to TAB Top	0.52	13.1	Pin Diameter	0.25	6.4

AVAILABLE GRADES, STRENGTH & TEMPERATURE

Prefix	Material	Chain strength		FDA	Fahrenheit			Celsius		
		lb	N		min	max dry	max wet	min	max dry	max wet
NON-STANDARD GRADES										
SS	Stainless Steel	625	2780	Yes	-100	800	212	-73	427	100

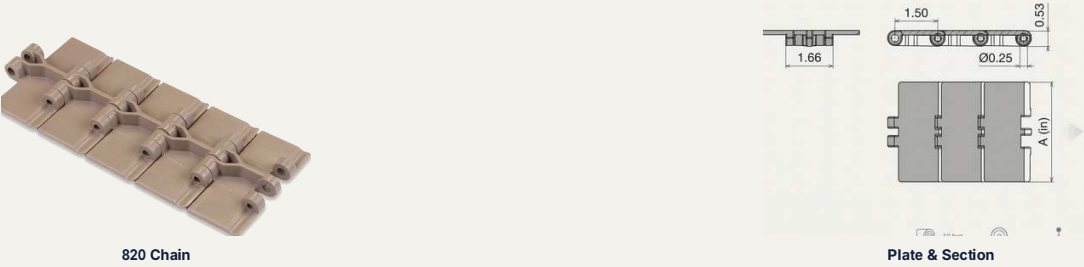
Based on the material chemistries, industry standards, and the documentation in the Federal Registry, it is the opinion of that the Table Top stainless steel chains can be considered GRAS for direct food contact. Stainless steel is austenitic.

815 TAB Table Top Chain with Transfer Top Plate utilizes 881 series sprockets only.

820 TABLE TOP CHAIN

Straight Running – Sizes, Materials & Availability

820 is the 1.50 in pitch flat-top plastic chain used across bottling, canning and general packaging lines. The designation is an industry standard: the number fixes the pitch and plate geometry, the K-code fixes the plate width, and the prefix fixes the material — LF820K450 and NG820K450 are the same chain in low-friction acetal and in new-generation resin. Uniking supplies the 820 from several sources, so the grade table is the union of what is available rather than one maker's range; a filled dot means that grade is made in that width by at least one of them.



CHAIN GEOMETRY

Dimension	in	mm	Dimension	in	mm
Chain pitch	1.5	38.1	Plate bottom to chain bottom	0.41	10.4
Plate thickness	0.16	4.1	Height over centreline	0.29	7.4
Overall width across barrels	1.64	41.7	Pin diameter	0.25	6.4
Guide clearance	1.75	44.5	Min. back-flex radius	1.97	50

820 VARIANTS

Variant	Description	Pin	Materials	Widths	Working load lb	Breaking load N
820 V	Straight running, vented plate	Stainless steel	LF	K325, K450	365	-
820 Plastic pin	Straight running, plastic pin	Reinforced acetal resin	LF	K325, K450	146	-
820 P	Straight running, plastic pin	Acetal (POM)	NG	K325, K450, K750	-	1700
820 Rubber Top	Straight running, rubber insert top	Stainless steel	see rubber-top page	-	-	-

PLATE WIDTHS

Width code	K 250	K 325	K 330	K 350	K 400	K 450	K 600	K 750
Plate width in	2.5	3.25	3.3	3.5	4	4.5	6	7.5
Plate width mm	63.5	82.6	83.8	88.9	101.6	114.3	152.4	190.5
Weight lb/ft	0.5	0.56-0.6	0.6	0.6-0.61	0.64-0.7	0.67-0.7	0.8-0.84	0.96-1
Weight kg/m	0.8	0.83-0.9	0.9	0.9	0.95-1	1-1.03	1.25-1.3	1.48-1.5

GRADE, RATING, TEMPERATURE & AVAILABILITY BY PLATE WIDTH

Prefix	Material	Working load	Breaking load		FDA	Fahrenheit			Celsius			K 250	K 325	K 330	K 350	K 400	K 450	K 600	K 750
		lb	N	lb		min	max dry	max wet	min	max dry	max wet								
GENERAL PURPOSE																			
LF	Low friction acetal	365	5000	1030	Yes	-40	180	150	-40	82	66	•	•	•	•	•	•	•	•
NG	New-generation engineered resin	-	4500	1000	Yes	-	-	-	-	-	-	•	•	•	•	•	•	•	•
MPX	Lubricated acetal	365	-	-	Yes	-	-	-	-	-	-	-	•	•	•	•	•	•	•
MX	Performance PBT	284	-	-	Yes	-	-	-	-	-	-	-	•	•	•	•	•	•	•
PFX	Extra performance PBT	284	-	-	Yes	-	-	-	-	-	-	-	•	•	•	•	•	•	•
HP	High performance	365	-	-	Yes	-40	180	150	-40	82	66	-	•	-	-	•	•	•	•
WHP	White high performance	365	-	-	Yes	-40	180	150	-40	82	66	-	•	-	-	•	•	•	•
Dry-PT	Dry PET low friction	365	-	-	Yes	-40	180	150	-40	82	66	-	•	-	-	•	•	•	•
PSX	Platinum Series X	365	-	-	Yes	-40	180	150	-40	82	66	-	•	-	-	•	•	•	•
PS	Platinum Series	365	-	-	Yes	-40	180	150	-40	82	66	-	•	-	-	•	•	•	•
WEAR & ABRASION																			
DKM	Aramid reinforced acetal	365	-	-	Yes	-	-	-	-	-	-	-	•	•	•	•	•	•	•
DKA	Abrasion resistant composite	365	-	-	Yes	0	180	150	-18	82	66	-	•	-	-	•	•	•	•
MWX	Polyamide composite	365	-	-	No	-	-	-	-	-	-	-	•	•	•	•	•	•	•
WX	Green abrasion resistant polyamide	365	-	-	No	-40	220	NR	-40	104	NR	-	•	-	-	•	•	•	•
BWR	Black wear resistant	438	-	-	No	-40	180	NR	-40	82	NR	-	•	-	-	•	•	•	•
CHEMICAL, THERMAL & SPECIAL																			
P	Chemical resistant	292	-	-	Yes	0	180	140	-18	82	60	-	•	-	-	•	•	•	•
CR	Extreme chemical resistant	292	-	-	Yes	40	240	212	4	116	100	-	•	-	-	•	•	•	•
HS	Heat stabilized	365	-	-	No	-40	220	212	-40	104	100	-	•	-	-	•	•	•	•
MR	Melt resistant	365	-	-	No	-80	220	NR	-62	104	NR	-	•	-	-	•	•	•	•
FR	Flame retardant	219	-	-	No	0	180	140	-18	82	60	-	•	-	-	•	•	•	•
AS	Anti-static acetal	219	-	-	No	0	180	NR	-18	82	NR	-	•	-	-	•	•	•	•
DUV	Plain acetal, ultraviolet resistant	365	-	-	No	0	180	150	-18	82	66	-	•	-	-	•	•	•	•

Stocked in 80 pitch (10 ft / 3.048 m) strands; other lengths made to order. Pins are stainless steel unless the variant table says otherwise; thermoplastic pins are made to order.

Weight varies slightly with material and moulder; the range printed covers every source Uniking buys from.

Working load, chain strength and breaking load are different quantities and are not interchangeable. Where a source publishes only one, the other cell is left blank rather than converted. Breaking loads are to ISO 4348 / DIN 8153, quoted at room temperature.

FDA-approved materials comply with FDA 21 CFR § 177 for direct food contact. NR = not recommended.

Dry-PT, Platinum Series and Platinum Series X are proprietary grade designations of their respective manufacturers and are listed here for cross-reference.

821 TABLE TOP CHAIN - STRAIGHT RUNNING



Chain

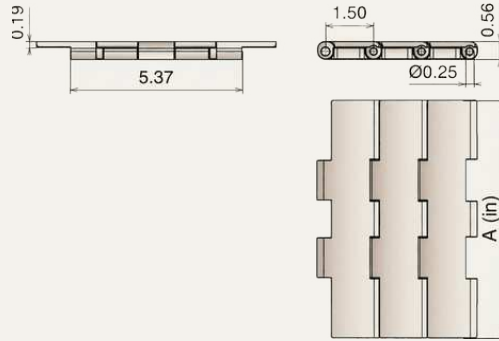


Plate & Section

CHAIN SIZES

Chain width	7.5	10	12
Chain width in	7.5	10	12
Chain width mm	190.5	254	304.8
Weight lb/ft	1.7	2	2.2
Weight kg/m	2.53	2.98	3.28

CHAIN GEOMETRY

Dimension	in	mm	Dimension	in	mm
Thickness	0.19	4.8	Plate Bottom to Chain Bottom	0.38	9.5
Overall Width	5.38	136.5	Height Over Centerline	0.31	7.9
Guide Clearance	5.5	139.7	Chain Pitch	1.5	38.1
Min. Back-flex Radius	1.5	38.1	Pin Diameter	0.25	6.4

AVAILABLE GRADES, STRENGTH & TEMPERATURE

Prefix	Material	Chain strength		FDA	Fahrenheit			Celsius		
		lb	N		min	max dry	max wet	min	max dry	max wet
STANDARD GRADES										
HP	High Performance	625	2780	Yes	- 40	180	150	- 40	82	66
LF	Low Friction	625	2780	Yes	- 40	180	150	- 40	82	66
PSX	Platinum Series X	625	2780	Yes	- 40	180	150	- 40	82	66
NON-STANDARD GRADES										
AS	Anti-Static	375	1668	No	0	180	NR	- 18	82	NR
BWR	Black Wear Resistant	750	3336	No	- 40	180	NR	- 40	82	NR
DKA	Abrasion Resistant Composite	625	2780	Yes	0	180	150	- 18	82	66
WHP	White High Performance	625	2780	Yes	- 40	180	150	- 40	82	66
WX	Green Abrasion Resistant Polyamide	625	2780	No	- 40	220	NR	- 40	104	NR

821 TABLE TOP CHAIN WITH LOW BACKLINE PRESSURE (LBP) ROLLERS



Chain

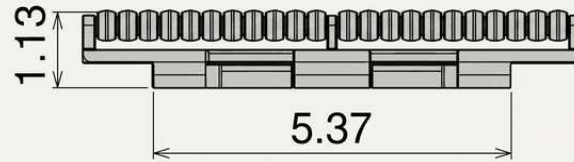
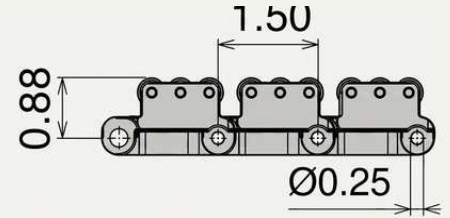


Plate & Section



CHAIN SIZES

Chain width	7.5	10	12
Chain width in	7.5	10	12
Chain width mm	190.5	254	304.8
Weight lb/ft	4.1	5.12	6.12
Weight kg/m	6.11	7.63	9.12

CHAIN GEOMETRY

Dimension	in	mm	Dimension	in	mm
Overall Width	5.38	136.5	Overall Chain Height	1.11	28.2
Guide Clearance	5.5	139.7	Height Over Centerline	0.86	21.8
Plate Bottom to Top of Chain	0.76	19.3	Chain Pitch	1.5	38.1
Min. Back-flex Radius	16	406.4	Pin Diameter	0.25	6.4
Plate Bottom to Chain Bottom	0.38	9.5			

AVAILABLE GRADES, STRENGTH & TEMPERATURE

Prefix	Material	Chain strength		FDA	Fahrenheit			Celsius		
		lb	N		min	max dry	max wet	min	max dry	max wet
STANDARD GRADES										
HP	High Performance	625	2780	Yes	-40	180	150	-40	82	66
LF	Low Friction	625	2780	Yes	-40	180	150	-40	82	66
NON-STANDARD GRADES										
CR	Extreme Chemical Resistant	500	2224	Yes	40	240	212	4	116	100
P	Chemical Resistant	500	2224	Yes	0	180	140	-18	82	60

U.S. Patents: 4909380, 5096050, 533045, 4436200

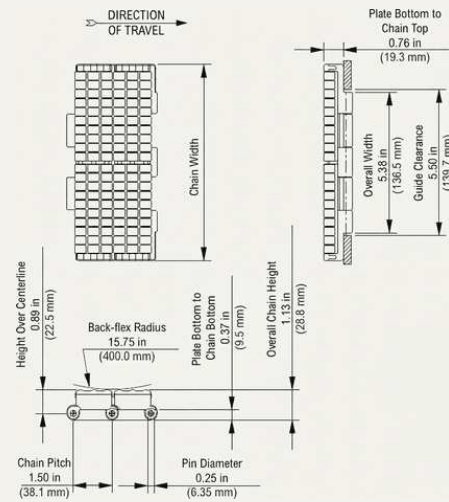
Chemical resistant (P) and extreme chemical resistant (CR) materials are available for the 7.5 in (190.5 mm) only.

Typical coefficient of friction between chain and product = 0.07.

SWH TABLE TOP CHAIN WITH LOW BACKLINE PRESSURE ROLLERS (LBP)



Chain, Low Friction Material



Plate, Section & Pitch

CHAIN SIZES

Chain width	7.5	10	12
Chain width in	7.5	10	12
Chain width mm	190.5	254	304.8
Weight lb/ft	3.56	4.44	5.28
Weight kg/m	5.3	6.62	7.87

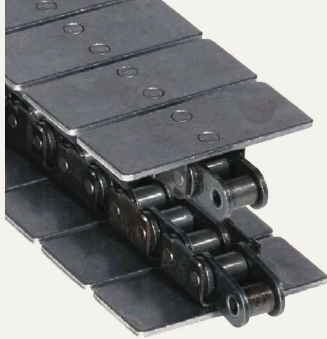
CHAIN GEOMETRY

Dimension	in	mm	Dimension	in	mm
Plate Bottom to Chain Top	0.76	19.3	Plate Bottom to Chain Bottom	0.37	9.5
Overall Width	5.38	136.5	Overall Chain Height	1.13	28.8
Guide Clearance	5.5	139.7	Chain Pitch	1.5	38.1
Height Over Centerline	0.89	22.5	Pin Diameter	0.25	6.3
Back-flex Radius	15.75	400			

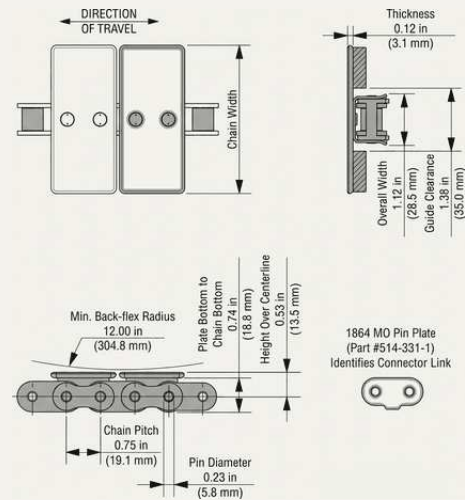
AVAILABLE GRADES, STRENGTH & TEMPERATURE

Prefix	Material	Chain strength		FDA	Fahrenheit			Celsius		
		lb	N		min	max dry	max wet	min	max dry	max wet
STANDARD GRADES										
XLA	Internally Lubricated Polyacetal	600	2669	Yes	-40	180	150	-40	82	66

1864 (S) ON CARBON STEEL BASE CHAIN - STRAIGHT RUNNING



Chain, Low Friction Material



Plate, Section & Pitch

CHAIN SIZES

Chain width	2.25	3.25	4.5	6	7.5
Chain width in	2.25	3.25	4.5	6	7.5
Chain width mm	57.2	82.6	114.3	152.4	190.5
Weight lb/ft	2.2	2.5	2.9	3.5	4.1
Weight kg/m	3.28	3.73	4.32	5.22	6.11

CHAIN GEOMETRY

Dimension	in	mm	Dimension	in	mm
Thickness	0.12	3.1	Plate Bottom to Chain Bottom	0.74	18.8
Overall Width	1.12	28.5	Height Over Centerline	0.53	13.5
Guide Clearance	1.38	35	Chain Pitch	0.75	19.1
Min. Back-flex Radius	12	304.8	Pin Diameter	0.23	5.8

AVAILABLE GRADES, STRENGTH & TEMPERATURE

Prefix	Material	Chain strength		FDA	Fahrenheit			Celsius		
		lb	N		min	max dry	max wet	min	max dry	max wet
STANDARD GRADES										
AK	Stainless Steel	1200	5338	No	-100	800	NR	-73	427	NR
S	Carbon Steel	1200	5338	No	-40	350	NR	-40	177	NR

U.S. Patent: 4096943

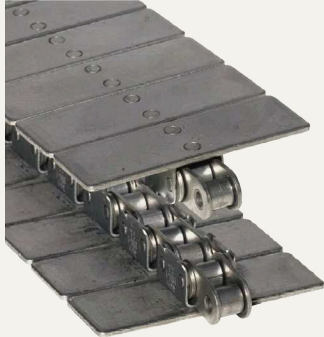
Uses 1864 carbon steel (S) base chain (Part #614-90-1).

Chain runs on ANSI No. 60 sprockets.

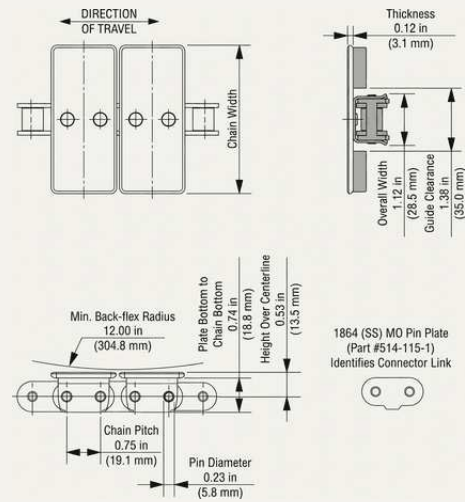
Stainless steel (SS) top plates on carbon steel (S) base chain is ordered as 1864AK.

Chain breakers available.

1864 (SS) ON STAINLESS STEEL BASE CHAIN - STRAIGHT RUNNING



Chain, Low Friction Material



Plate, Section & Pitch

CHAIN SIZES

Chain width	2.25	3.25	4.5	6	7.5
Chain width in	2.25	3.25	4.5	6	7.5
Chain width mm	57.2	82.6	114.3	152.4	190.5
Weight lb/ft	2.2	2.5	2.9	3.5	4.1
Weight kg/m	3.28	3.73	4.32	5.22	6.11

CHAIN GEOMETRY

Dimension	in	mm	Dimension	in	mm
Thickness	0.12	3.1	Plate Bottom to Chain Bottom	0.74	18.8
Overall Width	1.12	28.5	Height Over Centerline	0.53	13.5
Guide Clearance	1.38	35	Chain Pitch	0.75	19.1
Min. Back-flex Radius	12	304.8	Pin Diameter	0.23	5.8

AVAILABLE GRADES, STRENGTH & TEMPERATURE

Prefix	Material	Chain strength		FDA	Fahrenheit			Celsius		
		lb	N		min	max dry	max wet	min	max dry	max wet
STANDARD GRADES										
SS	Stainless Steel	900	4003	Yes	-100	800	212	-73	427	100

Based on the material chemistries, industry standards, and the documentation in the Federal Registry, it is the opinion of that the Table Top stainless steel chains can be considered GRAS for direct food contact.

U.S. Patent: 4096943

Uses 1864 stainless steel (SS) base chain (Part #614-93-1).

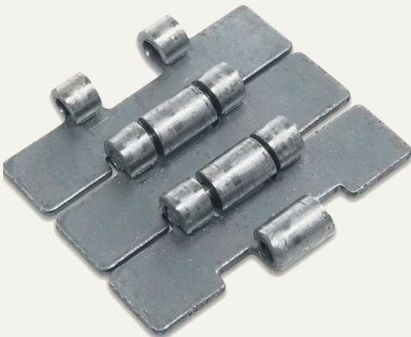
Chain runs on ANSI No. 60 sprockets.

Chain breakers available.

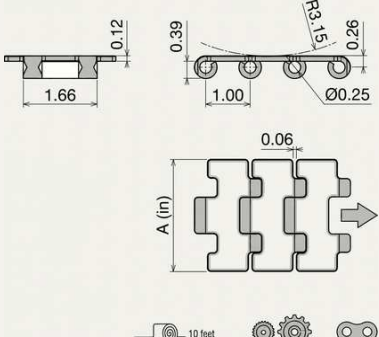
512 TABLE TOP CHAIN

Straight Running

512 is available in 7 plate widths and 1 material grades. The prefix in front of the designation selects the material; a filled dot marks the widths each grade is made in. Pins: Martensitic 1.4057 - Min. back-flex radius: 3.15 in - Variants: standard.



Chain



CHAIN SIZES

Plate width	2.17	2.36	2.5	2.83	3.25	3.5	4
Plate width in	2.17	2.36	2.5	2.83	3.25	3.5	4
Plate width mm	55.1	59.9	63.5	71.9	82.5	88.9	101.6
Weight lb/ft	1.55	1.61	1.65	1.78	1.94	2.01	2.21

CHAIN GEOMETRY

Dimension	in	mm	Dimension	in	mm
plate thickness	0.12	3	edge dim	0.26	6.6
bottom width	1.66	42.2	pitch	1	25.4
plate top height	0.39	9.9	pin diameter	0.25	6.3
backflex radius R	3.15	80	gap	0.06	1.5

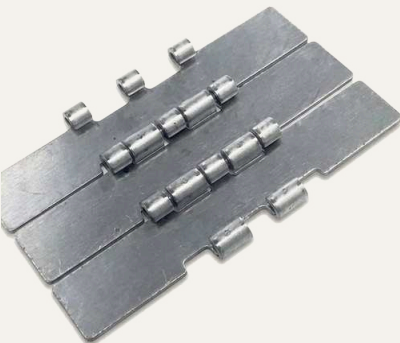
GRADES & AVAILABILITY BY PLATE WIDTH

Prefix	Material	Max working load lb	2.17	2.36	2.5	2.83	3.25	3.5	4
SSE	Specially treated Ferritic Stainless Steel (1.4589) - Hardened pins	1125	•	•	•	•	•	•	•

802 TABLE TOP CHAIN

Straight Running – 2 variants

802 is available in 1 plate widths and 2 material grades. The prefix in front of the designation selects the material; a filled dot marks the widths each grade is made in. Pins: Martensitic 1.4057 - Min. back-flex radius: 5.12 / 5.91 in - Variants: GT.



Chain

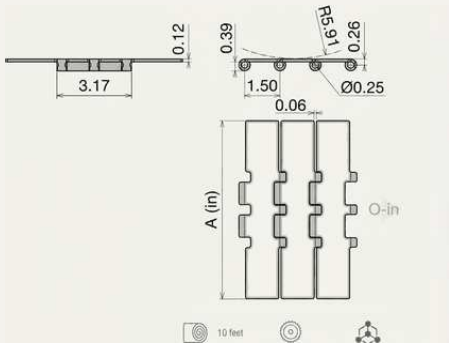


Plate & Section

CHAIN SIZES

Plate width		7.5
Plate width in		7.5
Plate width mm		190.5
Weight lb/ft		3.9–4.17

CHAIN GEOMETRY

Dimension	in	mm	Dimension	in	mm
plate thickness	0.12	3	edge dim	0.26	6.6
bottom width	3.17	80.5	pitch	1.5	38.1
plate top height	0.39	9.9	pin diameter	0.25	6.3
backflex radius R	5.91	150.1	gap	0.06	1.5

GRADES & AVAILABILITY BY PLATE WIDTH

Prefix	Material	Max working load lb	7.5
SSE	Specially treated Ferritic Stainless Steel (1.4589) - Hardened pins	2023	•
SS	Ferritic Stainless Steel (1.4016)	1575	•

812 TABLE TOP CHAIN

Straight Running – 2 variants

812 is available in 8 plate widths and 2 material grades. The prefix in front of the designation selects the material; a filled dot marks the widths each grade is made in. Pins: Martensitic 1.4057 · Min. back-flex radius: 4.72 / 5.91 in · Variants: GT.



Chain

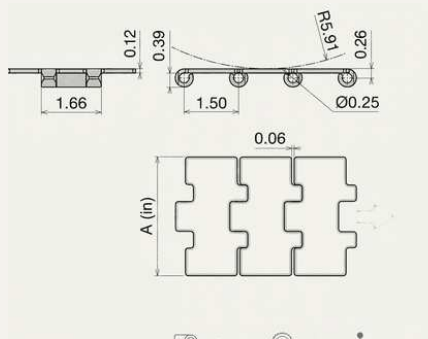


Plate & Section

CHAIN SIZES

Plate width	3	3.25	3.3	3.5	4	4.5	6	7.5
Plate width in	3	3.25	3.3	3.5	4	4.5	6	7.5
Plate width mm	76.2	82.5	83.8	88.9	101.6	114.3	152.4	190.5
Weight lb/ft	1.67	1.71–1.88	1.74	1.8	2.01	2.18–2.39	2.79	3.39–3.73

CHAIN GEOMETRY

Dimension	in	mm	Dimension	in	mm
plate thickness	0.12	3	bottom width	1.66	42.2
plate top height	0.39	9.9	pitch	1.5	38.1
backflex radius R	5.91	150.1	pin diameter	0.25	6.3
edge dim	0.26	6.6	gap	0.06	1.5

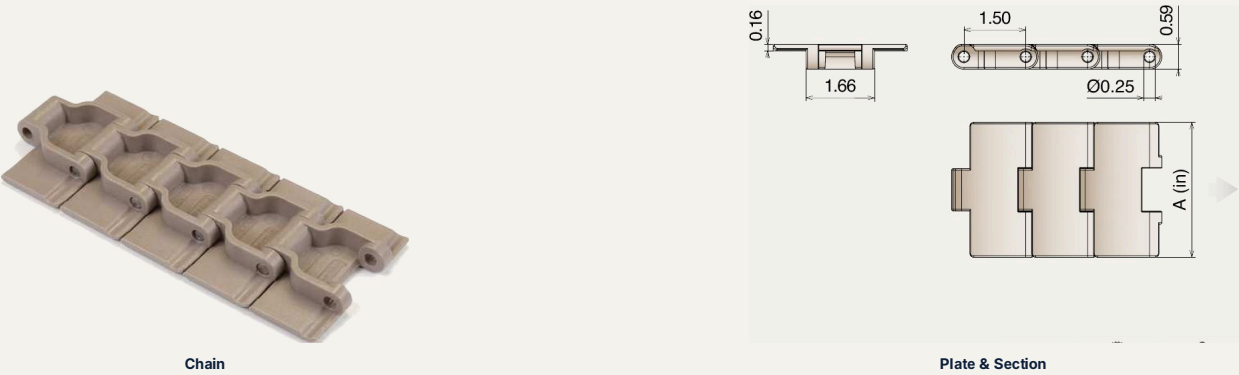
GRADES & AVAILABILITY BY PLATE WIDTH

Prefix	Material	Max working load lb	3	3.25	3.3	3.5	4	4.5	6	7.5
SSE	Specially treated Ferritic Stainless Steel (1.4589) - Hardened pins	1350	–	•	•	•	•	•	•	•
SS	Ferritic Stainless Steel (1.4016)	1215	•	•	•	•	•	•	•	•

828 TABLE TOP CHAIN

Straight Running

828 is available in 2 plate widths and 4 material grades. The prefix in front of the designation selects the material; a filled dot marks the widths each grade is made in. Pins: Stainless Steel · Min. back-flex radius: 1.97 in · Variants: standard.



CHAIN SIZES

Plate width	3.25	3.3
Plate width in	3.25	3.3
Plate width mm	82.5	83.8
Weight lb/ft	0.72	0.76

CHAIN GEOMETRY

Dimension	in	mm	Dimension	in	mm
plate thickness	0.16	4.1	side height	0.59	15
foot width	1.66	42.2	pin diameter	0.25	6.3
pitch	1.5	38.1			

GRADES & AVAILABILITY BY PLATE WIDTH

Prefix	Material	Max working load lb	3.25	3.3
LF	Low friction Acetal	522	•	•
MPX	Lubricated Acetal	522	•	•
MX	Performance PBT	418	•	•
PFX	Extra performance PBT	418	•	•

831 TABLE TOP CHAIN

Straight Running

831 is available in 3 plate widths and 2 material grades. The prefix in front of the designation selects the material; a filled dot marks the widths each grade is made in. Pins: Stainless Steel · Min. back-flex radius: 1.97 in · Variants: standard.



Chain

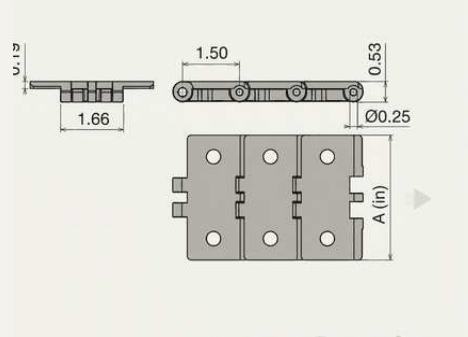


Plate & Section

CHAIN SIZES

Plate width	3.25	4.5	7.5
Plate width in	3.25	4.5	7.5
Plate width mm	82.5	114.3	190.5
Weight lb/ft	0.67	0.86	1.2

CHAIN GEOMETRY

Dimension	in	mm	Dimension	in	mm
plate thickness	0.19	4.8	side height	0.53	13.5
foot width	1.66	42.2	pin diameter	0.25	6.3
pitch	1.5	38.1			

GRADES & AVAILABILITY BY PLATE WIDTH

Prefix	Material	Max working load lb	3.25	4.5	7.5
LF	Low friction Acetal	365	•	•	•
MX	Performance PBT	284	•	•	•

8157 TABLE TOP CHAIN

Straight Running

8157 is available in 1 plate widths and 1 material grades. The prefix in front of the designation selects the material; a filled dot marks the widths each grade is made in. Pins: Martensitic 1.4057 - Min. back-flex radius: 5.12 in - Variants: / GT.



Chain

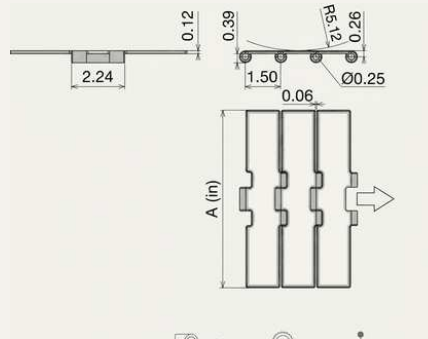


Plate & Section

CHAIN SIZES

Plate width	7.5
Plate width in	7.5
Plate width mm	190.5
Weight lb/ft	3.76-4.03

CHAIN GEOMETRY

Dimension	in	mm	Dimension	in	mm
8157 plate thickness	0.12	3	8157 GT bottom width inner	2.24	56.9
8157 bottom width	2.24	56.9	8157 GT bottom width outer	2.36	59.9
8157 plate top height	0.39	9.9	8157 GT plate top height	0.39	9.9
8157 backflex radius R	5.12	130	8157 GT backflex radius R	5.12	130
8157 edge dim	0.26	6.6	8157 GT edge dim	0.26	6.6
8157 pitch	1.5	38.1	8157 GT pitch	1.5	38.1
8157 pin diameter	0.25	6.3	8157 GT pin diameter	0.25	6.3
8157 gap	0.06	1.5	8157 GT gap	0.06	1.5
8157 GT plate thickness	0.12	3	8157 GT A plate width	5.51	140
8157 GT rubber thickness	0.12	3			

GRADES & AVAILABILITY BY PLATE WIDTH

Prefix	Material	Max working load lb	7.5
SSE	Specially treated Ferritic Stainless Steel (1.4589) - Hardened pins	1575	•

8257 TABLE TOP CHAIN

Straight Running – 3 variants

8257 is available in 3 plate widths and 3 material grades. The prefix in front of the designation selects the material; a filled dot marks the widths each grade is made in. Pins: Stainless Steel · Min. back-flex radius: 1.97 / 7.87 in · Variants: GT, LBP.



Chain

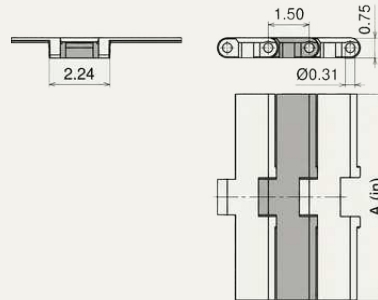


Plate & Section

CHAIN SIZES

Plate width	7.5	10	12
Plate width in	7.5	10	12
Plate width mm	190.5	254	304.8
Weight lb/ft	1.51–3.8	1.74–4.79	1.98–5.39

CHAIN GEOMETRY

Dimension	in	mm	Dimension	in	mm
plate thickness	0.19	4.8	side height	0.75	19
foot width	2.24	56.9	pin diameter	0.31	7.9
pitch	1.5	38.1			

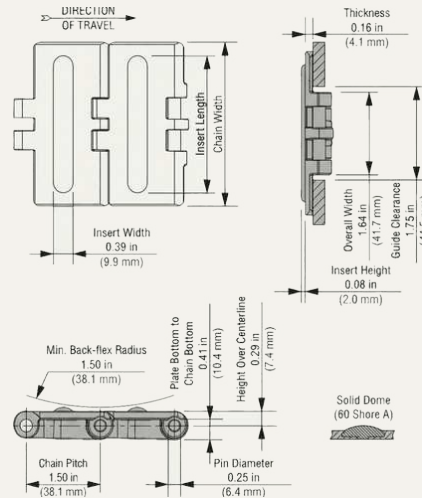
GRADES & AVAILABILITY BY PLATE WIDTH

Prefix	Material	Max working load lb	7.5	10	12
LF	Low friction Acetal	861	•	•	•
LFA	Low friction Acetal	861	•	•	•
MX	Performance PBT	685	•	•	•

820 RUBBERTOP TABLE TOP CHAIN - STRAIGHT RUNNING



Chain, Low Friction Material



Plate, Section & Pitch

CHAIN SIZES

Chain width	3.25	4.5	6
Chain width in	3.25	4.5	6
Chain width mm	82.6	114.3	152.4
Min. side-flex radius in	2.56	3.83	5.32
Min. side-flex radius mm	65	97.3	135.1
Weight lb/ft	0.56	0.69	0.84
Weight kg/m	0.83	1.03	1.25

CHAIN GEOMETRY

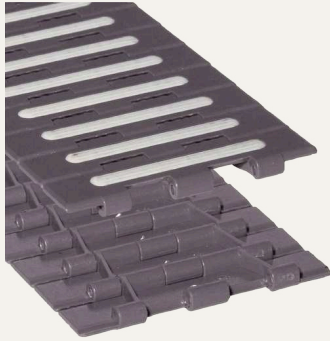
Dimension	in	mm	Dimension	in	mm
Thickness	0.16	4.1	Min. Back-flex Radius	1.5	38.1
Overall Width	1.64	41.7	Plate Bottom to Chain Bottom	0.41	10.4
Guide Clearance	1.75	44.5	Height Over Centerline	0.29	7.4
Insert Height	0.08	2	Chain Pitch	1.5	38.1
Insert Width	0.39	9.9	Pin Diameter	0.25	6.4

AVAILABLE GRADES, STRENGTH & TEMPERATURE

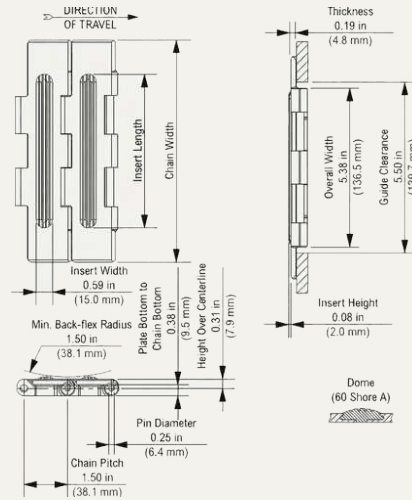
Prefix	Material	Chain strength		FDA	Fahrenheit			Celsius		
		lb	N		min	max dry	max wet	min	max dry	max wet
STANDARD GRADES										
HP	High Performance	365	1624	Yes	- 40	180	150	- 40	82	66

Inserts may be spaced every pitch, every second pitch, etc.

821 SUPERGRIP TABLE TOP CHAIN - STRAIGHT RUNNING



Chain, Low Friction Material



Plate, Section & Pitch

CHAIN SIZES

Chain width	7.5	10	12
Chain width in	7.5	10	12
Chain width mm	190.5	254	304.8
Min. side-flex radius in	5.2	7.68	9.65
Min. side-flex radius mm	132.1	195.1	245.1
Weight lb/ft	1.7	2	2.2
Weight kg/m	2.53	2.98	3.28

CHAIN GEOMETRY

Dimension	in	mm	Dimension	in	mm
Thickness	0.19	4.8	Min. Back-flex Radius	1.5	38.1
Overall Width	5.38	136.5	Plate Bottom to Chain Bottom	0.38	9.5
Guide Clearance	5.5	139.7	Height Over Centerline	0.31	7.9
Insert Height	0.08	2	Chain Pitch	1.5	38.1
Insert Width	0.59	15	Pin Diameter	0.25	6.4

AVAILABLE GRADES, STRENGTH & TEMPERATURE

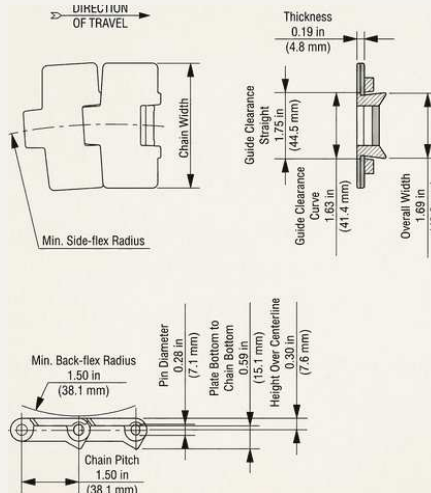
Prefix	Material	Chain strength	FDA	Fahrenheit	Celsius
		lb	N	min max dry max wet	min max dry max wet
STANDARD GRADES					
HP	High Performance	625	2780	Yes - 40 180 150	- 40 82 66

Inserts may be spaced every pitch, every second pitch, etc.

879 B TABLE TOP CHAIN - SIDE-FLEXING



Chain, Low Friction Material



Plate, Section & Pitch

CHAIN SIZES

Chain width		3.25	4.5
Chain width in		3.25	4.5
Chain width mm		82.6	114.3
Min. side-flex radius in		18	24
Min. side-flex radius mm		457.2	609.6
Weight lb/ft		0.6	0.7
Weight kg/m		0.89	1.04

CHAIN GEOMETRY

Dimension	in	mm	Dimension	in	mm
Chain Pitch	1.5	38.1	Overall Width	1.69	42.9
Min. Back-flex Radius	1.5	38.1	Pin Diameter	0.28	7.1
Thickness	0.19	4.8	Plate Bottom to Chain Bottom	0.59	15.1
Guide Clearance Straight	1.75	44.5	Height Over Centerline	0.3	7.6
Guide Clearance Curve	1.63	41.4			

AVAILABLE GRADES, STRENGTH & TEMPERATURE

Prefix	Material	Chain strength		FDA	Fahrenheit			Celsius		
		lb	N		min	max dry	max wet	min	max dry	max wet
STANDARD GRADES										
HP	High Performance	425	1890	Yes	- 40	180	150	- 40	82	66
LF	Low Friction	425	1890	Yes	- 40	180	150	- 40	82	66
NON-STANDARD GRADES										
MR	Melt Resistant	425	1890	No	- 80	220	NR	- 62	104	NR

Photo shows 879 B Table Top Chain molded in Low Friction (LF) material.

879 TAB TABLE TOP CHAIN - SIDE-FLEXING



Chain

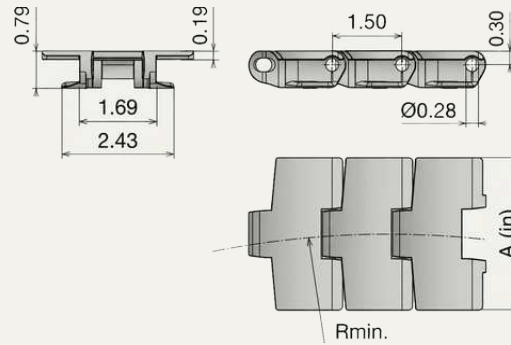


Plate & Section

CHAIN SIZES

Chain width		3.25	4.5
Chain width in		3.25	4.5
Chain width mm		82.6	114.3
Min. side-flex radius in		18	24
Min. side-flex radius mm		457.2	609.6
Weight lb/ft		0.7	0.76
Weight kg/m		1.04	1.13

CHAIN GEOMETRY

Dimension	in	mm	Dimension	in	mm
Chain Pitch	1.5	38.1	Width Over TABs	2.41	61.2
Min. Back-flex Radius	1.5	38.1	Plate Bottom to TAB Top	0.47	11.9
Thickness	0.19	4.8	Pin Diameter	0.28	7.1
Guide Clearance Straight	1.81	46	Plate Bottom to TAB Bottom	0.59	15.1
Guide Clearance Curve	1.75	44.5	Height Over Centerline	0.3	7.6
Overall Width	1.69	42.9			

AVAILABLE GRADES, STRENGTH & TEMPERATURE

Prefix	Material	Chain strength		FDA	Fahrenheit			Celsius		
		lb	N		min	max dry	max wet	min	max dry	max wet
STANDARD GRADES										
Dry-PT	Dry PET Low Friction	425	1890	Yes	-40	180	150	-40	82	66
HP	High Performance	425	1890	Yes	-40	180	150	-40	82	66
LF	Low Friction	425	1890	Yes	-40	180	150	-40	82	66
PS	Platinum Series	425	1890	Yes	-40	180	150	-40	82	66
PSX	Platinum Series X	425	1890	Yes	-40	180	150	-40	82	66
NON-STANDARD GRADES										
AS	Anti-Static	255	1134	No	0	180	NR	-18	82	NR
BWR	Black Wear Resistant	510	2269	No	-40	180	NR	-40	82	NR
MR	Melt Resistant	425	1890	No	-80	220	NR	-62	104	NR
P	Chemical Resistant	340	1512	Yes	0	180	140	-18	82	60

Photo shows 879 TAB Table Top Chain molded in Low Friction (LF) material.

880 B TABLE TOP CHAIN - SIDE-FLEXING



Chain

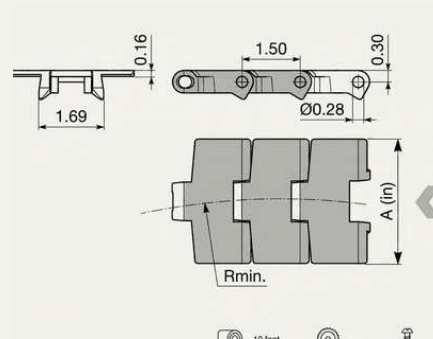


Plate & Section

CHAIN SIZES

Chain width		3.25	4.5
Chain width in		3.25	4.5
Chain width mm		82.6	114.3
Min. side-flex radius in		18	24
Min. side-flex radius mm		457.2	609.6
Weight lb/ft		0.6	0.7
Weight kg/m		0.89	1.04

CHAIN GEOMETRY

Dimension	in	mm	Dimension	in	mm
Chain Pitch	1.5	38.1	Overall Width	1.69	42.9
Min. Back-flex Radius	1.5	38.1	Pin Diameter	0.28	7.1
Thickness	0.16	4	Plate Bottom to Chain Bottom	0.63	15.9
Guide Clearance Straight	1.75	44.5	Height Over Centerline	0.3	7.6
Guide Clearance Curve	1.63	41.4			

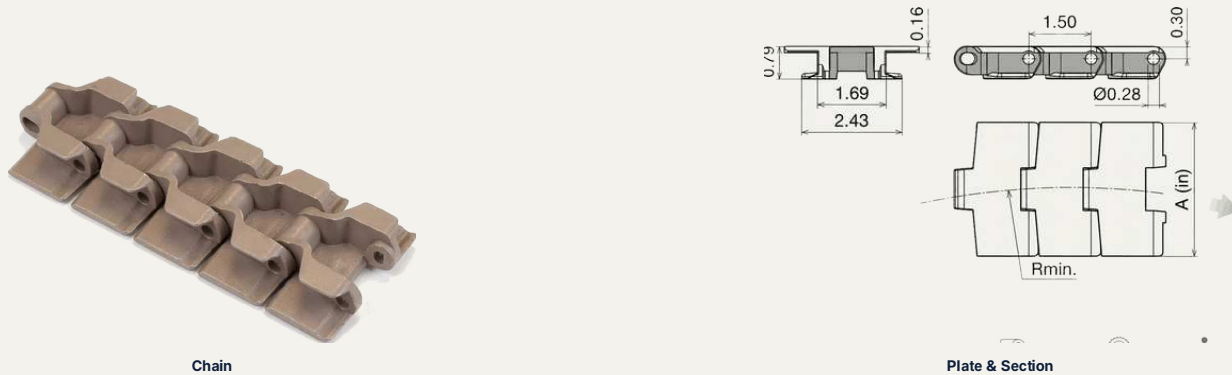
AVAILABLE GRADES, STRENGTH & TEMPERATURE

Prefix	Material	Chain strength		FDA	Fahrenheit			Celsius		
		lb	N		min	max dry	max wet	min	max dry	max wet
STANDARD GRADES										
HP	High Performance	425	1890	Yes	-40	180	150	-40	82	66
LF	Low Friction	425	1890	Yes	-40	180	150	-40	82	66
NON-STANDARD GRADES										
AS	Anti-Static	255	1134	No	0	180	NR	-18	82	NR
CR	Extreme Chemical Resistant	340	1512	Yes	40	240	212	4	116	100
MR	Melt Resistant	425	1890	No	-80	220	NR	-62	104	NR
P	Chemical Resistant	340	1512	Yes	0	180	140	-18	82	60

Photo shows 880 B Table Top Chain molded in Low Friction (LF) material.

Based on the material chemistries, industry standards, and the documentation in the Federal Registry, it is the opinion of that the MCC Table Top stainless steel chains can be considered GRAS for direct food contact.

880 TAB TABLE TOP CHAIN - SIDE-FLEXING



CHAIN SIZES

Chain width	3.25	4.5
Chain width in	3.25	4.5
Chain width mm	82.6	114.3
Min. side-flex radius in	18	24
Min. side-flex radius mm	457.2	609.6
Weight lb/ft	0.63	0.73
Weight kg/m	0.94	1.09

CHAIN GEOMETRY

Dimension	in	mm	Dimension	in	mm
Chain Pitch	1.5	38.1	Width Over TABs	2.41	61.2
Min. Back-flex Radius	1.5	38.1	Plate Bottom to TAB Top	0.47	11.9
Thickness	0.16	4	Pin Diameter	0.28	7.1
Guide Clearance Straight	1.81	46	Plate Bottom to TAB Bottom	0.62	15.7
Guide Clearance Curve	1.75	44.5	Height Over Centerline	0.3	7.6
Overall Width	1.69	42.9			

AVAILABLE GRADES, STRENGTH & TEMPERATURE

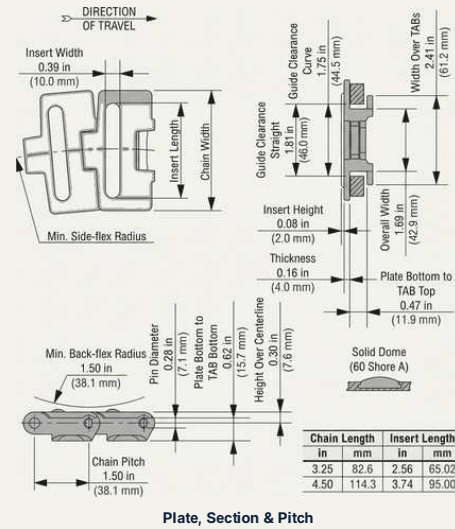
Prefix	Material	Chain strength		FDA	Fahrenheit			Celsius		
		lb	N		min	max dry	max wet	min	max dry	max wet
STANDARD GRADES										
AS	Anti-Static	255	1134	No	0	180	NR	-18	82	NR
Dry-PT	Dry PET Low Friction	425	1890	Yes	-40	180	150	-40	82	66
HP	High Performance	425	1890	Yes	-40	180	150	-40	82	66
LF	Low Friction	425	1890	Yes	-40	180	150	-40	82	66
PSX	Platinum Series X	425	1890	Yes	-40	180	150	-40	82	66
NON-STANDARD GRADES										
BWR	Black Wear Resistant	510	2269	No	-40	180	NR	-40	82	NR
CR	Extreme Chemical Resistant	340	1512	Yes	40	240	212	4	116	100
DKA	Abrasion Resistant Composite	425	1890	Yes	0	180	150	-18	82	66
FR	Flame Retardant	255	1134	No	0	180	140	-18	82	60
HS	Heat Stabilized	425	1890	No	-40	220	212	-40	104	100
MR	Melt Resistant	425	1890	No	-80	220	NR	-62	104	NR
P	Chemical Resistant	340	1512	Yes	0	180	140	-18	82	60
PS	Platinum Series	425	1890	Yes	-40	180	150	-40	82	66
WX	Green Abrasion Resistant Polyamide	425	1890	No	-40	220	NR	-40	104	NR

Photo shows 880 TAB Table Top Chain molded in Low Friction (LF) material.

880 TAB RUBBERTOP - SIDE-FLEXING



Chain, Low Friction Material



Plate, Section & Pitch

CHAIN SIZES

Chain width	3.25	4.5
Chain width in	3.25	4.5
Chain width mm	82.6	114.3
Min. side-flex radius in	18	24
Min. side-flex radius mm	457.2	609.6
Weight lb/ft	0.63	0.73
Weight kg/m	0.94	1.09

CHAIN GEOMETRY

Dimension	in	mm	Dimension	in	mm
Chain Pitch	1.5	38.1	Overall Width	1.69	42.9
Min. Back-flex Radius	1.5	38.1	Width Over TABs	2.41	61.2
Insert Width	0.39	10	Plate Bottom to TAB Top	0.47	11.9
Insert Height	0.08	2	Pin Diameter	0.28	7.1
Thickness	0.16	4	Plate Bottom to TAB Bottom	0.62	15.7
Guide Clearance Straight	1.81	46	Height Over Centerline	0.3	7.6
Guide Clearance Curve	1.75	44.5			

AVAILABLE GRADES, STRENGTH & TEMPERATURE

Prefix	Material	Chain strength		FDA	Fahrenheit			Celsius		
		lb	N		min	max dry	max wet	min	max dry	max wet
NON-STANDARD GRADES										
HP	High Performance	425	1890	Yes	- 40	180	150	- 40	82	66
LF	Low Friction	425	1890	Yes	- 40	180	150	- 40	82	66

CHAIN LENGTH / INSERT LENGTH

Chain Length In	Chain Length Mm	Insert Length In	Insert Length Mm
3.25	82.6	2.56	65.02
4.5	114.3	3.74	95

Photo shows 880 TAB RubberTop Table Top Chain molded in High Performance (HP) material with High Friction Inserts.

Solid Dome (60 Shore A)

Inserts may be spaced every pitch, every second pitch, etc.

881 B TABLE TOP CHAIN - SIDE-FLEXING



Chain

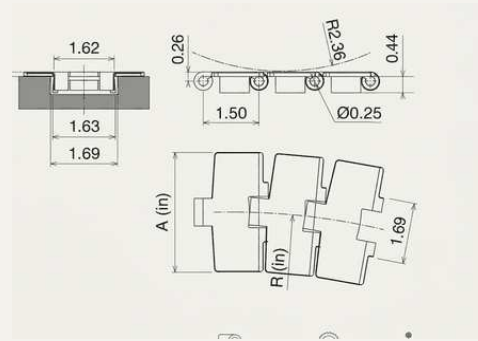


Plate & Section

CHAIN SIZES

Chain width	3.25	4.5	7.5
Chain width in	3.25	4.5	7.5
Chain width mm	82.6	114.3	190.5
Min. side-flex radius in	18	24	24
Min. side-flex radius mm	457.2	609.6	609.6
Weight lb/ft	2	2.5	3.7
Weight kg/m	2.98	3.73	5.51

CHAIN GEOMETRY

Dimension	in	mm	Dimension	in	mm
Thickness	0.12	3	Pin Diameter	0.25	6.4
Guide Clearance Straight	1.75	44.5	Plate Bottom to Chain Bottom	0.43	10.9
Guide Clearance Curve	1.63	41.4	Height Over Centerline	0.25	6.4
Overall Width	1.67	42.4	Chain Pitch	1.5	38.1
Min. Back-flex Radius	1.5	38.1			

AVAILABLE GRADES, STRENGTH & TEMPERATURE

Prefix	Material	Chain strength		FDA	Fahrenheit			Celsius		
		lb	N		min	max dry	max wet	min	max dry	max wet
STANDARD GRADES										
S	Carbon Steel	625	2780	No	-40	350	NR	-40	177	NR
SS	Stainless Steel	625	2780	Yes	-100	800	212	-73	427	100

Based on the material chemistries, industry standards, and the documentation in the Federal Registry, it is the opinion of that the Table Top stainless steel chains can be considered GRAS for direct food contact.

Stainless steel is austenitic.

Chain strength is listed at room temperature. NR = Not Recommended.

881 TAB - SIDE-FLEXING



Chain

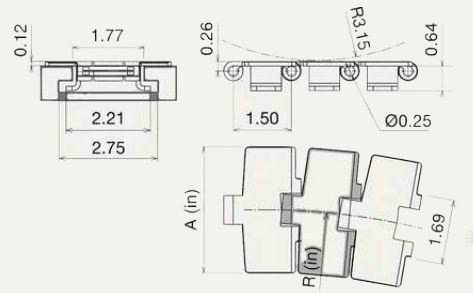


Plate & Section

CHAIN SIZES

Chain width	3.25	4.5	7.5
Chain width in	3.25	4.5	7.5
Chain width mm	82.6	114.3	190.5
Min. side-flex radius in	18	24	24
Min. side-flex radius mm	457.2	609.6	609.6
Weight lb/ft	2	2.5	3.7
Weight kg/m	2.98	3.73	5.51

CHAIN GEOMETRY

Dimension	in	mm	Dimension	in	mm
Thickness	0.12	3	Min. Back-flex Radius	1.5	38.1
Width Over TABs	2.19	55.6	Pin Diameter	0.25	6.4
Guide Clearance Straight	1.81	46	Plate Bottom to TAB Bottom	0.64	16.3
Guide Clearance Curve	1.75	44.5	Height Over Centerline	0.25	6.4
Overall Width	1.67	42.4	Chain Pitch	1.5	38.1
Plate Bottom to TAB Top	0.52	13.2			

AVAILABLE GRADES, STRENGTH & TEMPERATURE

Prefix	Material	Chain strength		FDA	Fahrenheit			Celsius		
		lb	N		min	max dry	max wet	min	max dry	max wet
STANDARD GRADES										
S	Carbon Steel	625	2780	No	-40	350	NR	-40	177	NR
SS	Stainless Steel	625	2780	Yes	-100	800	212	-73	427	100

Based on the material chemistries, industry standards, and the documentation in the Federal Registry, it is the opinion of that the Table Top stainless steel chains can be considered GRAS for direct food contact.

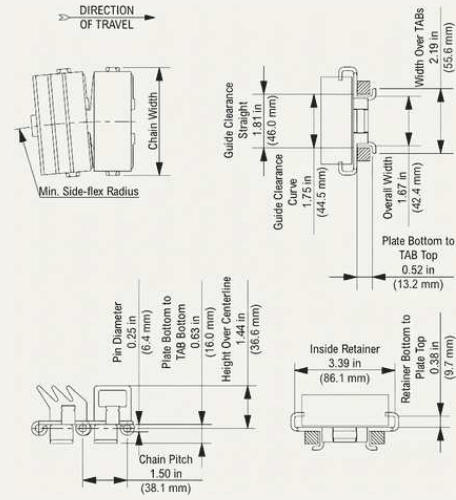
Stainless steel is austenitic.

Chain strength is listed at room temperature. NR = Not Recommended.

881 TAB G WITH GRIPPER RETAINERS



Chain, Low Friction Material



Plate, Section & Pitch

CHAIN SIZES

Chain width		3.63
Chain width in		3.63
Chain width mm		92.1
Min. side-flex radius in		18
Min. side-flex radius mm		457.2
Weight lb/ft		3.75
Weight kg/m		5.59

CHAIN GEOMETRY

Dimension	in	mm	Dimension	in	mm
Width Over TABs	2.19	55.6	Plate Bottom to TAB Bottom	0.63	16
Guide Clearance Straight	1.81	46	Height Over Centerline	1.44	36.6
Guide Clearance Curve	1.75	44.5	Chain Pitch	1.5	38.1
Overall Width	1.67	42.4	Inside Retainer	3.39	86.1
Plate Bottom to TAB Top	0.52	13.2	Retainer Bottom to Plate Top	0.38	9.7
Pin Diameter	0.25	6.4			

AVAILABLE GRADES, STRENGTH & TEMPERATURE

Prefix	Material	Chain strength		FDA	Fahrenheit			Celsius		
		lb	N		min	max dry	max wet	min	max dry	max wet
STANDARD GRADES										
SS	Stainless Steel	625	2780	Yes	-100	800	212	-73	427	100

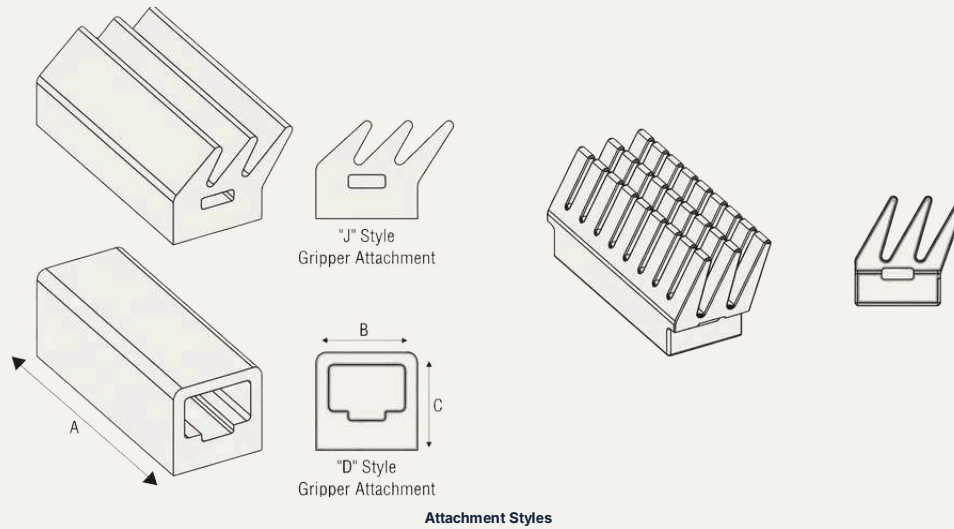
Based on the material chemistries, industry standards, and the documentation in the Federal Registry, it is the opinion of that the Table Top stainless steel chains can be considered GRAS for direct food contact.

Stainless steel is austenitic.

Can be assembled with "J" or "D" style gripper attachments.

Chain strength is listed at room temperature. NR = Not Recommended.

881 SERIES ACCESSORIES



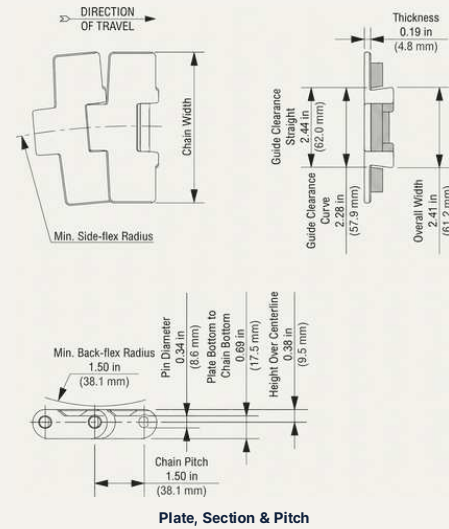
GRIPPER ATTACHMENTS

Part Number	Style	Material	Color	Hardness Shore A	A Dim In	A Dim Mm	B Dim In	B Dim Mm	C Dim In	C Dim Mm	Group
10075338	D	Neoprene	Black	40	3.35	85.1	1.25	31.8	1.19	30.2	Standard Grippers
10075339	D	Neoprene	White	40	3.35	85.1	1.25	31.8	1.19	30.2	Standard Grippers
10075340	D	Neoprene	Black	60	3.35	85.1	1.25	31.8	1.19	30.2	Standard Grippers
10075341	D	EPDM	White	50	3.35	85.1	1.25	31.8	1.19	30.2	Standard Grippers
10075343	D	EPDM	Black	50	3.35	85.1	1.25	31.8	1.19	30.2	Standard Grippers
10075608	J	Neoprene	Black	40	3.35	85.1	1.25	31.8	1.19	30.2	Standard Grippers
10075609	J	Neoprene	White	50	3.35	85.1	1.25	31.8	1.19	30.2	Standard Grippers
10075610	J	EPDM	White	80	3.35	85.1	1.25	31.8	1.19	30.2	Standard Grippers
10075611	J	EPDM	White	50	3.35	85.1	1.25	31.8	1.19	30.2	Standard Grippers
10074926	FJ	Neoprene	Black	40	3.68	93.5	1.69	42.9	1.58	40.1	Standard Grippers

882 B - SIDE-FLEXING



Chain, Low Friction Material



Plate, Section & Pitch

CHAIN SIZES

Chain width	4.5	7.5	10
Chain width in	4.5	7.5	10
Chain width mm	114.3	190.5	254
Min. side-flex radius in	24	24	24
Min. side-flex radius mm	609.6	609.6	609.6
Weight lb/ft	1.3	1.6	1.9
Weight kg/m	1.94	2.38	2.83

CHAIN GEOMETRY

Dimension	in	mm	Dimension	in	mm
Thickness	0.19	4.8	Pin Diameter	0.34	8.6
Guide Clearance Straight	2.44	62	Plate Bottom to Chain Bottom	0.69	17.5
Guide Clearance Curve	2.28	57.9	Height Over Centerline	0.38	9.5
Overall Width	2.41	61.2	Chain Pitch	1.5	38.1
Min. Back-flex Radius	1.5	38.1			

AVAILABLE GRADES, STRENGTH & TEMPERATURE

Prefix	Material	Chain strength		FDA	Fahrenheit			Celsius		
		lb	N		min	max dry	max wet	min	max dry	max wet
STANDARD GRADES										
HP	High Performance	625	2780	Yes	- 40	180	150	- 40	82	66
LF	Low Friction	625	2780	Yes	- 40	180	150	- 40	82	66
NON-STANDARD GRADES										
WX	Green Abrasion Resistant Polyamide	625	2780	No	- 40	220	NR	- 40	104	NR

882 TAB - SIDE-FLEXING



Chain

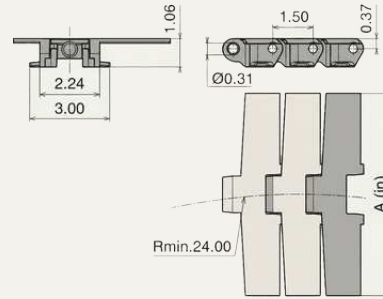


Plate & Section

CHAIN SIZES

Chain width	3.25	4.5	6	7.5	10	12
Chain width in	3.25	4.5	6	7.5	10	12
Chain width mm	82.6	114.3	152.4	190.5	254	304.8
Min. side-flex radius in	24	24	24	24	24	24
Min. side-flex radius mm	609.6	609.6	609.6	609.6	609.6	609.6
Weight lb/ft	1.25	1.33	1.48	1.63	1.9	2.13
Weight kg/m	1.86	1.98	2.2	2.43	2.83	3.17

CHAIN GEOMETRY

Dimension	in	mm	Dimension	in	mm
Thickness	0.19	4.8	Min. Back-flex Radius	1.5	38.1
Guide Clearance Straight	2.38	60.5	Pin Diameter	0.34	8.6
Guide Clearance Curve	2.28	57.9	Plate Bottom to TAB Bottom	0.9	22.9
Width Over TABs	2.99	75.9	Height Over Centerline	0.38	9.5
Overall Width	2.24	56.9	Chain Pitch	1.5	38.1
Plate Bottom to TAB Top	0.69	17.5			

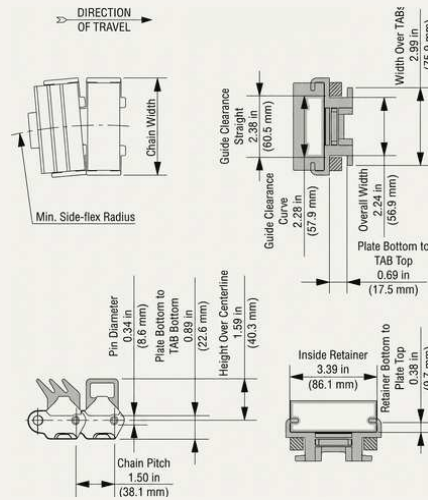
AVAILABLE GRADES, STRENGTH & TEMPERATURE

Prefix	Material	Chain strength		FDA	Fahrenheit			Celsius		
		lb	N		min	max dry	max wet	min	max dry	max wet
STANDARD GRADES										
DKA	Abrasion Resistant Composite	625	2780	Yes	0	180	150	-18	82	66
Dry-PT	Dry PET Low Friction	625	2780	Yes	-40	180	150	-40	82	66
HP	High Performance	625	2780	Yes	-40	180	150	-40	82	66
LF	Low Friction	625	2780	Yes	-40	180	150	-40	82	66
PSX	Platinum Series X	625	2780	Yes	-40	180	150	-40	82	66
NON-STANDARD GRADES										
AS	Anti-Static	375	1668	No	0	180	NR	-18	82	NR
BSM	Black Cut Resistant	625	2780	No	-40	180	150	-40	82	66
BWR	Black Wear Resistant	750	3336	No	-40	180	NR	-40	82	NR
CR	Extreme Chemical Resistant	500	2224	Yes	40	240	212	4	116	100
D	Plain Acetal	625	2780	Yes	-40	180	150	-40	82	66
DUV	Plain Acetal Ultraviolet Resistant	625	2780	No	0	180	150	-18	82	66
HS	Heat Stabilized	625	2780	No	-40	220	212	-40	104	100
P	Chemical Resistant	500	2224	Yes	0	180	140	-18	82	60
PS	Platinum Series	625	2780	Yes	-40	180	150	-40	82	66
WHP	White High Performance	625	2780	Yes	-40	180	150	-40	82	66
WX	Green Abrasion Resistant Polyamide	625	2780	No	-40	220	NR	-40	104	NR

882 TAB G WITH GRIPPER RETAINERS - SIDE-FLEXING



Chain, Low Friction Material



Plate, Section & Pitch

CHAIN SIZES

Chain width		3.75
Chain width in		3.75
Chain width mm		95.3
Min. side-flex radius in		24
Min. side-flex radius mm		609.6
Weight lb/ft		1.3
Weight kg/m		1.94

CHAIN GEOMETRY

Dimension	in	mm	Dimension	in	mm
Width Over TABs	2.99	75.9	Plate Bottom to TAB Bottom	0.89	22.6
Guide Clearance Straight	2.38	60.5	Height Over Centerline	1.59	40.3
Guide Clearance Curve	2.28	57.9	Chain Pitch	1.5	38.1
Overall Width	2.24	56.9	Inside Retainer	3.39	86.1
Plate Bottom to TAB Top	0.69	17.5	Retainer Bottom to Plate Top	0.38	9.7
Pin Diameter	0.34	8.6			

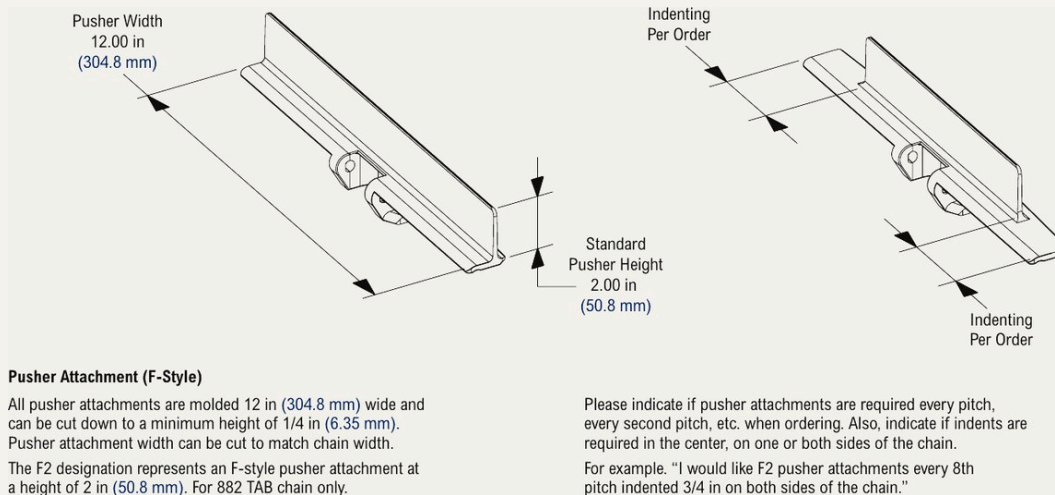
AVAILABLE GRADES, STRENGTH & TEMPERATURE

Prefix	Material	Chain strength		FDA	Fahrenheit			Celsius		
		lb	N		min	max dry	max wet	min	max dry	max wet
STANDARD GRADES										
LF	Low Friction	625	2780	Yes	- 40	180	150	- 40	82	66
NON-STANDARD GRADES										
HP	High Performance	625	2780	Yes	- 40	180	150	- 40	82	66

U.S. Patents: 4629063, 4809846, D332213, 5219065, 4436200

Can be assembled with "J" or "D" style gripper attachments; see accessories section for more information.

882 SERIES TABLE TOP CHAIN ACCESSORIES



Attachment Styles

CHAIN GEOMETRY

Dimension	in	mm	Dimension	in	mm
Pusher Width	12	304.8	Standard Pusher Height	2	50.8

GRIPPER ATTACHMENTS

Part Number	Style	Material	Color	Hardness Shore A	A Dim In	A Dim Mm	B Dim In	B Dim Mm	C Dim In	C Dim Mm	Group
10075338	D	Neoprene	Black	40	3.35	85.1	1.25	31.8	1.19	30.2	Standard Grippers
10075339	D	Neoprene	White	40	3.35	85.1	1.25	31.8	1.19	30.2	Standard Grippers
10075340	D	Neoprene	Black	60	3.35	85.1	1.25	31.8	1.19	30.2	Standard Grippers
10075341	D	EPDM	White	50	3.35	85.1	1.25	31.8	1.19	30.2	Standard Grippers
10075343	D	EPDM	Black	50	3.35	85.1	1.25	31.8	1.19	30.2	Standard Grippers
10075608	J	Neoprene	Black	40	3.35	85.1	1.25	31.8	1.19	30.2	Standard Grippers
10075609	J	Neoprene	White	50	3.35	85.1	1.25	31.8	1.19	30.2	Standard Grippers
10075611	J	EPDM	White	50	3.35	85.1	1.25	31.8	1.19	30.2	Standard Grippers
10074926	FJ	Neoprene	Black	40	3.68	93.5	1.69	42.9	1.58	40.1	Standard Grippers

Pusher Attachment (F-Style)

All pusher attachments are molded 12 in (304.8 mm) wide and can be cut down to a minimum height of 0.25 in (6.35 mm). Pusher attachment width can be cut to match chain width.

The F2 designation represents an F-style pusher attachment at a height of 2 in (50.8 mm). For 882 TAB chain only.

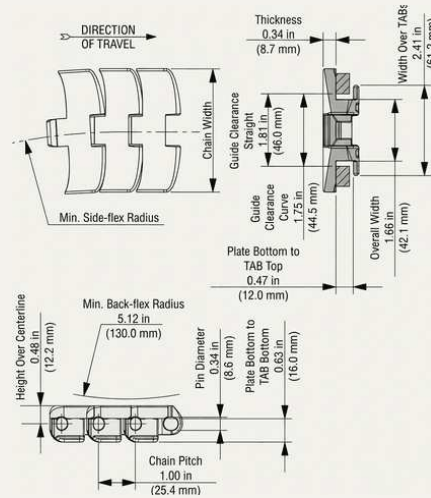
Please indicate if pusher attachments are required every pitch, every second pitch, etc. when ordering. Also, indicate if indents are required in the center, on one or both sides of the chain.

For example: "I would like F2 pusher attachments every 8th pitch indented 0.75 in on both sides of the chain."

1050 FT TAB - SIDE-FLEXING



Chain, Low Friction Material



CHAIN SIZES

Chain width		3.31
Chain width in		3.31
Chain width mm		84
Min. side-flex radius in		19.69
Min. side-flex radius mm		500.1
Weight lb/ft		1.25
Weight kg/m		1.86

CHAIN GEOMETRY

Dimension	in	mm	Dimension	in	mm
Thickness	0.34	8.7	Height Over Centerline	0.48	12.2
Width Over TABs	2.41	61.2	Min. Back-flex Radius	5.12	130
Guide Clearance Straight	1.81	46	Pin Diameter	0.34	8.6
Guide Clearance Curve	1.75	44.5	Plate Bottom to TAB Bottom	0.63	16
Overall Width	1.66	42.1	Chain Pitch	1	25.4
Plate Bottom to TAB Top	0.47	12			

AVAILABLE GRADES, STRENGTH & TEMPERATURE

Prefix	Material	Chain strength		FDA	Fahrenheit			Celsius		
		lb	N		min	max dry	max wet	min	max dry	max wet
STANDARD GRADES										
HP	High Performance	425	1890	Yes	- 40	180	150	- 40	82	66
NON-STANDARD GRADES										
PS	Platinum Series	425	1890	Yes	- 40	180	150	- 40	82	66

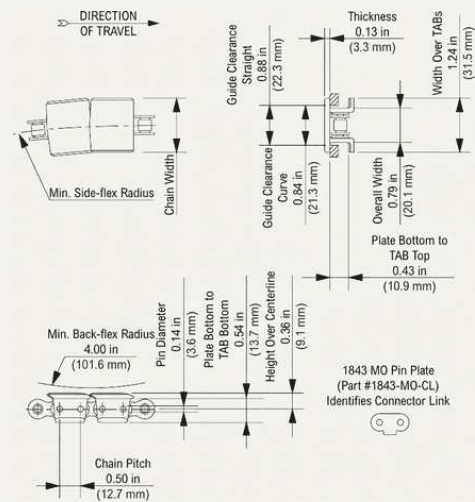
U.S. Patents: 5678682, EP0700843

Must be used with TAB corner tracks for side-flexing applications.

1843 TAB (S) ON CARBON STEEL BASE CHAIN - SIDE-FLEXING



Chain, Low Friction Material



Plate, Section & Pitch

CHAIN SIZES

Chain width	1.25	1.5	2	2.25	2.63
Chain width in	1.25	1.5	2	2.25	2.63
Chain width mm	31.8	38.1	50.8	57.2	66.8
Min. side-flex radius in	10	10	10	10	10
Min. side-flex radius mm	254	254	254	254	254
Weight lb/ft	0.54	0.56	0.59	0.61	0.64
Weight kg/m	0.8	0.83	0.88	0.91	0.95

CHAIN GEOMETRY

Dimension	in	mm	Dimension	in	mm
Thickness	0.13	3.3	Pin Diameter	0.14	3.6
Width Over TABs	1.24	31.5	Plate Bottom to TAB Bottom	0.54	13.7
Guide Clearance Straight	0.88	22.3	Height Over Centerline	0.36	9.1
Guide Clearance Curve	0.84	21.3	Min. Back-flex Radius	4	101.6
Overall Width	0.79	20.1	Chain Pitch	0.5	12.7
Plate Bottom to TAB Top	0.43	10.9			

AVAILABLE GRADES, STRENGTH & TEMPERATURE

Prefix	Material	Chain strength		FDA	Fahrenheit			Celsius		
		lb	N		min	max dry	max wet	min	max dry	max wet
STANDARD GRADES										
BWR	Black Wear Resistant	600	2669	No	-40	180	NR	-40	82	NR
LF	Low Friction	600	2669	No	-40	180	NR	-40	82	NR
NON-STANDARD GRADES										
AS	Anti-Static	600	2669	No	0	180	NR	-18	82	NR
BIR	Black Impact Resistant	600	2669	No	-40	220	NR	-40	104	NR
DUV	Plain Acetal Ultraviolet Resistant	600	2669	No	0	180	NR	-18	82	NR
FR	Flame Retardant	600	2669	No	0	180	NR	-18	82	NR
HP	High Performance	600	2669	No	-40	180	NR	-40	82	NR
P	Chemical Resistant	600	2669	No	0	180	NR	-18	82	NR

Uses 1843 carbon steel (S) base chain (Part #1843-BC).

Chain runs on ANSI No. 40 sprockets.

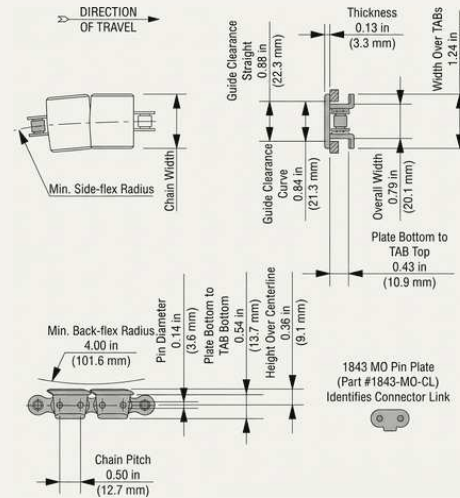
Photo shows 1843 TAB Table Top Chain with top plates molded in Black Wear Resistant (BWR) material on Carbon Steel (S) base chain.

1843 MO Pin Plate (Part #1843-MO-CL) Identifies Connector Link

1843 TAB (SS) ON STAINLESS STEEL BASE CHAIN



Chain, Low Friction Material



Plate, Section & Pitch

CHAIN SIZES

Chain width	1.25	1.5	2	2.25	2.63
Chain width in	1.25	1.5	2	2.25	2.63
Chain width mm	31.8	38.1	50.8	57.2	66.7
Min. side-flex radius in	10	10	10	10	10
Min. side-flex radius mm	254	254	254	254	254
Weight lb/ft	0.54	0.56	0.59	0.61	0.64
Weight kg/m	0.8	0.83	0.88	0.91	0.95

CHAIN GEOMETRY

Dimension	in	mm	Dimension	in	mm
Thickness	0.13	3.3	Pin Diameter	0.14	3.6
Width Over TABs	1.24	31.5	Plate Bottom to TAB Bottom	0.54	13.7
Guide Clearance Straight	0.88	22.3	Height Over Centerline	0.36	9.1
Guide Clearance Curve	0.84	21.3	Min. Back-flex Radius	4	101.6
Overall Width	0.79	20.1	Chain Pitch	0.5	12.7
Plate Bottom to TAB Top	0.43	10.9			

AVAILABLE GRADES, STRENGTH & TEMPERATURE

Prefix	Material	Chain strength		FDA	Fahrenheit			Celsius		
		lb	N		min	max dry	max wet	min	max dry	max wet
STANDARD GRADES										
BWR	Black Wear Resistant	420	1868	No	- 40	180	NR	- 40	82	NR
LF	Low Friction	420	1868	Yes	- 40	180	150	- 40	82	66
NON-STANDARD GRADES										
AS	Anti-Static	420	1868	No	0	180	NR	- 18	82	NR
HP	High Performance	420	1868	Yes	- 40	180	150	- 40	82	66
P	Chemical Resistant	420	1868	Yes	0	180	140	- 18	82	60

Uses 1843 stainless steel (SS) base chain (Part #1843SS-BC).

Chain runs on ANSI No. 40 sprockets.

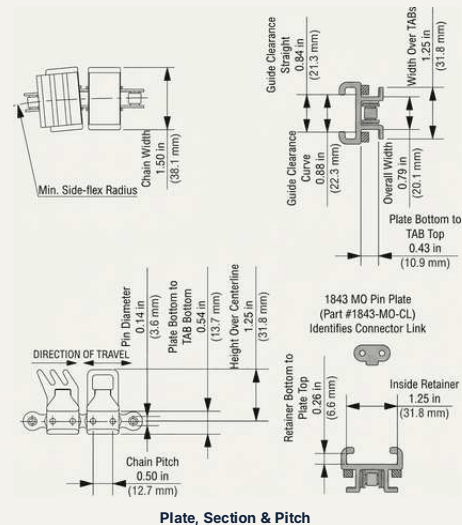
Photo shows 1843 TAB Table Top Chain with top plates molded in Low Friction (LF) material on Stainless Steel (SS) base chain.

1843 MO Pin Plate (Part #1843-MO-CL) Identifies Connector Link

1843 TAB G (S) WITH GRIPPER RETAINERS ON CARBON STEEL BASE CHAIN - SIDE-FLEXING



Chain, Low Friction Material



CHAIN SIZES

Chain width		1.5
Chain width in		1.5
Chain width mm		38.1
Min. side-flex radius in		10
Min. side-flex radius mm		254
Weight lb/ft		0.82
Weight kg/m		1.22

CHAIN GEOMETRY

Dimension	in	mm	Dimension	in	mm
Chain Width	1.5	38.1	Pin Diameter	0.14	3.6
Guide Clearance Straight	0.84	21.3	Plate Bottom to TAB Bottom	0.54	13.7
Guide Clearance Curve	0.88	22.3	Height Over Centerline	1.25	31.8
Width Over TABs	1.25	31.8	Chain Pitch	0.5	12.7
Overall Width	0.79	20.1	Retainer Bottom to Plate Top	0.26	6.6
Plate Bottom to TAB Top	0.43	10.9	Inside Retainer	1.25	31.8

AVAILABLE GRADES, STRENGTH & TEMPERATURE

Prefix	Material	Chain strength		FDA	Fahrenheit			Celsius		
		lb	N		min	max dry	max wet	min	max dry	max wet
STANDARD GRADES										
LF	Low Friction	600	2669	No	- 40	180	NR	- 40	82	NR

Uses 1843 carbon steel (S) base chain (Part #1843-BC).

Chain runs on ANSI No. 40 sprockets.

Can be assembled with "J" or "D" style gripper attachments; see accessories section for more information.

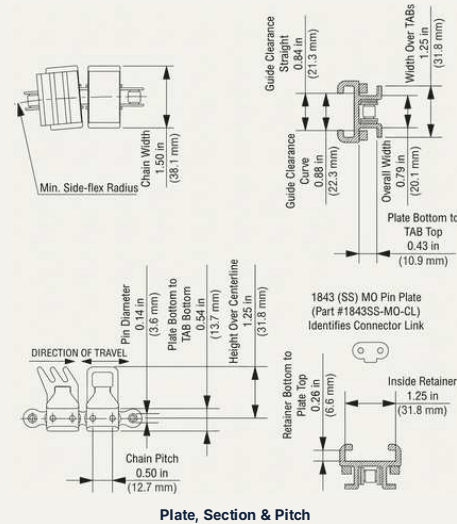
Chain breakers available.

Photo shows 1843 TAB G Table Top chain provided without gripper attachments, with top plates molded in Low Friction (LF) material on carbon steel (S) base chain.

1843 TAB G (SS) WITH GRIPPER RETAINER ON STAINLESS STEEL BASE CHAIN - SIDE-FLEXING



Chain, Low Friction Material



CHAIN SIZES

Chain width		1.5
Chain width in		1.5
Chain width mm		38.1
Min. side-flex radius in		10
Min. side-flex radius mm		254
Weight lb/ft		0.85
Weight kg/m		1.27

CHAIN GEOMETRY

Dimension	in	mm	Dimension	in	mm
Chain Width	1.5	38.1	Pin Diameter	0.14	3.6
Guide Clearance Straight	0.84	21.3	Plate Bottom to TAB Bottom	0.54	13.7
Guide Clearance Curve	0.88	22.3	Height Over Centerline	1.25	31.8
Width Over TABs	1.25	31.8	Chain Pitch	0.5	12.7
Overall Width	0.79	20.1	Retainer Bottom to Plate Top	0.26	6.6
Plate Bottom to TAB Top	0.43	10.9	Inside Retainer	1.25	31.8

AVAILABLE GRADES, STRENGTH & TEMPERATURE

Prefix	Material	Chain strength		FDA	Fahrenheit			Celsius		
		lb	N		min	max dry	max wet	min	max dry	max wet
STANDARD GRADES										
LF	Low Friction	420	1868	Yes	- 40	180	150	- 40	82	66

Uses 1843 stainless steel (SS) base chain (Part #1843SS-BC).

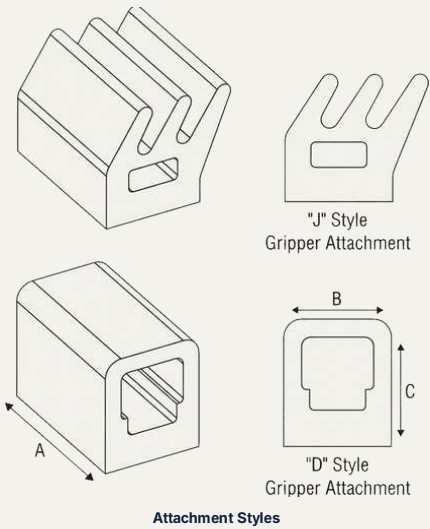
Chain runs on ANSI No. 40 sprockets.

Can be assembled with "J" or "D" style gripper attachments; see accessories section for more information.

Photo shows 1843 TAB G Table Top Chain with Gripper Retainers molded in Low Friction (LF) material on Stainless Steel (SS) base chain.

1843 (SS) MO Pin Plate (Part #1843SS-MO-CL) Identifies Connector Link

1843 SERIES TABLE TOP CHAIN ACCESSORIES



GRIPPER ATTACHMENTS

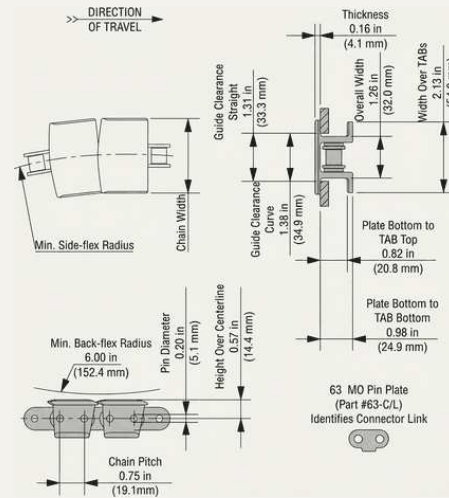
Part Number	Style	Material	Color	Hardness (Shore A)	“ A ” Dimension In	“ A ” Dimension Mm	“ B ” Dimension In	“ B ” Dimension Mm	“ C ” Dimension In	“ C ” Dimension Mm	Standard
10075975	D	Neoprene	Black	40	1. 23	31. 2	0. 75	19. 1	0. 88	22. 4	1
10075977	J	Neoprene	White	40	1. 23	31. 2	0. 75	19. 1	0. 88	22. 4	1
10075976	J	Neoprene	Black	40	1. 23	31. 2	0. 75	19. 1	0. 88	22. 4	0

"J" Style Gripper Attachment
"D" Style Gripper Attachment

1863 TAB (S) ON CARBON STEEL BASE CHAIN - SIDE-FLEXING



Chain, Low Friction Material



CHAIN SIZES

Chain width		2.25
Chain width in		2.25
Chain width mm		57.2
Min. side-flex radius in		14
Min. side-flex radius mm		355.6
Weight lb/ft		1.34
Weight kg/m		2

CHAIN GEOMETRY

Dimension	in	mm	Dimension	in	mm
Thickness	0.16	4.1	Plate Bottom to TAB Bottom	0.98	24.9
Guide Clearance Straight	1.31	33.3	Pin Diameter	0.2	5.1
Guide Clearance Curve	1.38	34.9	Height Over Centerline	0.57	14.4
Overall Width	1.26	32	Min. Back-flex Radius	6	152.4
Width Over TABs	2.13	54	Chain Pitch	0.75	19.1
Plate Bottom to TAB Top	0.82	20.8			

AVAILABLE GRADES, STRENGTH & TEMPERATURE

Prefix	Material	Chain strength		F D A	Fahrenheit			Celsius		
		lb	N		min	max dry	max wet	min	max dry	max wet
STANDARD GRADES										
LF	Low Friction	1000	4448	No	- 40	180	NR	- 40	82	NR
NON-STANDARD GRADES										
AS	Anti-Static	1000	4448	No	0	180	NR	- 18	82	NR
BWR	Black Wear Resistant	1000	4448	No	- 40	180	NR	- 40	82	NR

Uses 63 carbon steel (S) base chain (Part #63-BC).

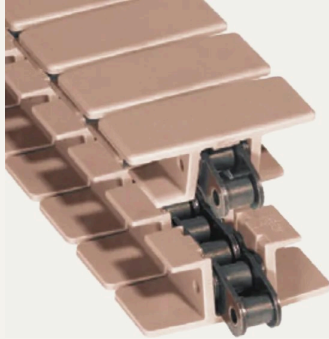
Chain runs on ANSI No. 60 sprockets.

Chain breakers available.

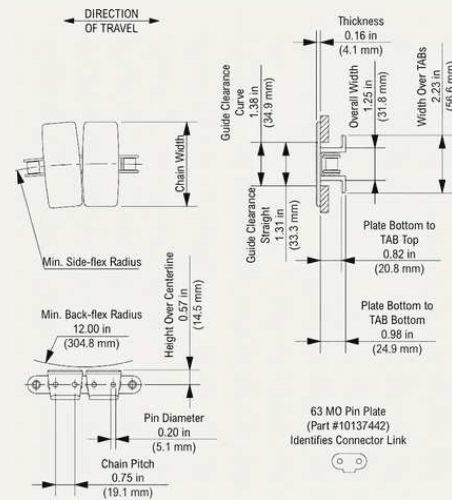
Photo shows 1863 TAB Table Top Chain with top plates molded in Black Wear Resistant (BWR) material on Carbon Steel (S) base chain.

63 MO Pin Plate (Part #63-C/L) Identifies Connector Link

1873 TAB (S) ON CARBON STEEL BASE CHAIN - SIDE-FLEXING



Chain, Low Friction Material



Plate, Section & Pitch

CHAIN SIZES

Chain width	2.25	3.25	4.5	6	7.5	10	12
Chain width in	2.25	3.25	4.5	6	7.5	10	12
Chain width mm	57.2	82.6	114.3	152.4	190.5	254	304.8
Min. side-flex radius in	14	14	14	18	18	18	24
Min. side-flex radius mm	355.6	355.6	355.6	457.2	457.2	457.2	609.6
Weight lb/ft	1.34	1.41	1.52	1.62	1.72	1.87	2.02
Weight kg/m	2	2.1	2.26	2.41	2.56	2.79	3.01

CHAIN GEOMETRY

Dimension	in	mm	Dimension	in	mm
Thickness	0.16	4.1	Plate Bottom to TAB Bottom	0.98	24.9
Guide Clearance Curve	1.38	34.9	Height Over Centerline	0.57	14.5
Guide Clearance Straight	1.31	33.3	Min. Back-flex Radius	12	304.8
Overall Width	1.25	31.8	Pin Diameter	0.2	5.1
Width Over TABs	2.23	56.6	Chain Pitch	0.75	19.1
Plate Bottom to TAB Top	0.82	20.8			

AVAILABLE GRADES, STRENGTH & TEMPERATURE

Prefix	Material	Chain strength	FDA	Fahrenheit			Celsius		
		lb	N	min	max dry	max wet	min	max dry	max wet
STANDARD GRADES									
HP	High Performance	1000	4448	No	-	-	-	-	-
LF	Low Friction	1000	4448	No	-	-	-	-	-
PS	Platinum Series	1000	4448	No	-	-	-	-	-
NON-STANDARD GRADES									
DUV	Plain Acetal Ultraviolet Resistant	1000	4448	No	-	-	-	-	-
HS	Heat Stabilized	1000	4448	No	-	-	-	-	-

Photo shows 1873 TAB Table Top Chain with top plates molded in Low Friction (LF) material on Carbon Steel (S) base chain.

63 MO Pin Plate (Part #10137442) Identifies Connector Link

Uses 63 carbon steel (S) base chain (Part #63-BC).

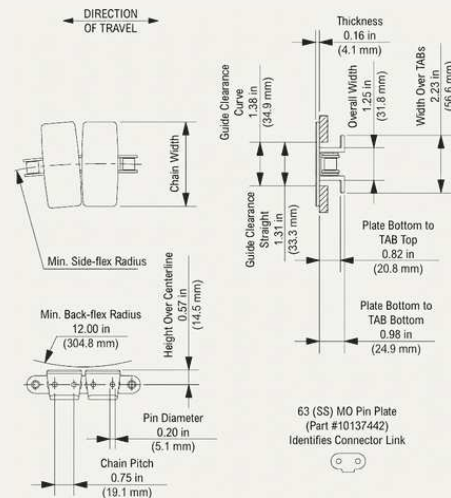
Chain runs on ANSI No. 60 sprockets.

Chain breakers available.

1873 TAB (SS) ON STAINLESS STEEL BASE CHAIN - SIDE-FLEXING



Chain, Low Friction Material



Plate, Section & Pitch

CHAIN SIZES

Chain width	2.25	3.25	4.5	6	7.5	10	12
Chain width in	2.25	3.25	4.5	6	7.5	10	12
Chain width mm	57.2	82.6	114.3	152.4	190.5	254	304.8
Min. side-flex radius in	14	14	14	18	18	18	24
Min. side-flex radius mm	355.6	355.6	355.6	457.2	457.2	457.2	609.6
Weight lb/ft	1.34	1.41	1.52	1.62	1.72	1.87	2.02
Weight kg/m	2	2.1	2.26	2.41	2.56	2.79	3.01

CHAIN GEOMETRY

Dimension	in	mm	Dimension	in	mm
Thickness	0.16	4.1	Plate Bottom to TAB Bottom	0.98	24.9
Guide Clearance Curve	1.38	34.9	Height Over Centerline	0.57	14.5
Guide Clearance Straight	1.31	33.3	Min. Back-flex Radius	12	304.8
Overall Width	1.25	31.8	Pin Diameter	0.2	5.1
Width Over TABs	2.23	56.6	Chain Pitch	0.75	19.1
Plate Bottom to TAB Top	0.82	20.8			

AVAILABLE GRADES, STRENGTH & TEMPERATURE

Prefix	Material	Chain strength	FDA	Fahrenheit			Celsius		
		lb	N	min	max dry	max wet	min	max dry	max wet
STANDARD GRADES									
HP	High Performance	750	3336	Yes	-	-	-	-	-
LF	Low Friction	750	3336	Yes	-	-	-	-	-
PS	Platinum Series	750	3336	Yes	-	-	-	-	-
NON-STANDARD GRADES									
DUV	Plain Acetal Ultraviolet Resistant	750	3336	No	-	-	-	-	-
HS	Heat Stabilized	750	3336	No	-	-	-	-	-

Photo shows 1873 TAB Table Top Chain with top plates molded in Low Friction (LF) material on Stainless Steel (SS) base chain.

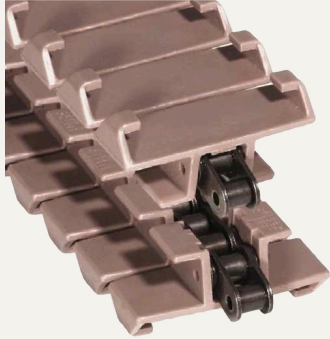
63 (SS) MO Pin Plate (Part #10137442) Identifies Connector Link

Uses 63 stainless steel (SS) base chain (Part #63SS-BC).

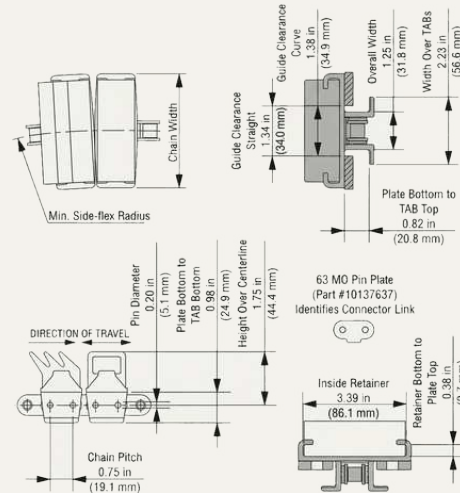
Chain runs on ANSI No. 60 sprockets.

Chain breakers available.

1873 TAB G (S) WITH GRIPPER RETAINERS ON CARBON STEEL BASE CHAIN - SIDE-FLEXING



Chain, Low Friction Material



Plate, Section & Pitch

CHAIN SIZES

Chain width		3.75
Chain width in		3.75
Chain width mm		95.3
Min. side-flex radius in		15
Min. side-flex radius mm		381
Weight lb/ft		1.5
Weight kg/m		2.24

CHAIN GEOMETRY

Dimension	in	mm	Dimension	in	mm
Guide Clearance Curve	1.38	34.9	Plate Bottom to TAB Bottom	0.98	24.9
Guide Clearance Straight	1.34	34	Height Over Centerline	1.75	44.4
Overall Width	1.25	31.8	Chain Pitch	0.75	19.1
Width Over TABs	2.23	56.6	Inside Retainer	3.39	86.1
Plate Bottom to TAB Top	0.82	20.8	Retainer Bottom to Plate Top	0.38	9.7
Pin Diameter	0.2	5.1			

AVAILABLE GRADES, STRENGTH & TEMPERATURE

Prefix	Material	Chain strength		FDA	Fahrenheit			Celsius		
		lb	N		min	max dry	max wet	min	max dry	max wet
STANDARD GRADES										
HP	High Performance	1000	4448	No	–	–	–	–	–	–
HS	Heat Stabilized	1000	4448	No	–	–	–	–	–	–
LF	Low Friction	1000	4448	No	–	–	–	–	–	–
PS	Platinum Series	1000	4448	No	–	–	–	–	–	–
NON-STANDARD GRADES										
WX	Green Abrasion Resistant Polyamide	1000	4448	No	–	–	–	–	–	–

Photo shows 1873 TAB G Table Top Chain with Gripper Retainers molded in Low Friction (LF) material on Carbon Steel (S) base chain.

63 MO Pin Plate (Part #10137637) Identifies Connector Link

U.S. Patents: 4629063, 4809846, 5219065

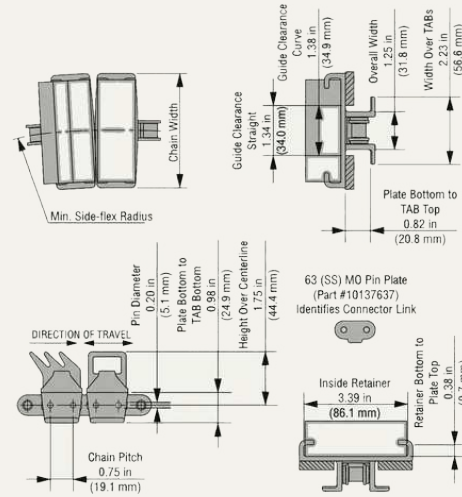
Uses 63 carbon steel (S) base chain (Part #63-BC).

Chain runs on ANSI No. 60 sprockets.

1873 TAB G (SS) WITH GRIPPER RETAINERS ON STAINLESS STEEL BASE CHAIN - SIDE-FLEXING



Chain, Low Friction Material



Plate, Section & Pitch

CHAIN SIZES

Chain width		3.75
Chain width in		3.75
Chain width mm		95.3
Min. side-flex radius in		15
Min. side-flex radius mm		381
Weight lb/ft		1.5
Weight kg/m		2.24

CHAIN GEOMETRY

Dimension	in	mm	Dimension	in	mm
Guide Clearance Curve	1.38	34.9	Plate Bottom to TAB Bottom	0.98	24.9
Guide Clearance Straight	1.34	34	Height Over Centerline	1.75	44.4
Overall Width	1.25	31.8	Chain Pitch	0.75	19.1
Width Over TABs	2.23	56.6	Inside Retainer	3.39	86.1
Plate Bottom to TAB Top	0.82	20.8	Retainer Bottom to Plate Top	0.38	9.7
Pin Diameter	0.2	5.1			

AVAILABLE GRADES, STRENGTH & TEMPERATURE

Prefix	Material	Chain strength		FDA	Fahrenheit			Celsius		
		lb	N		min	max dry	max wet	min	max dry	max wet
STANDARD GRADES										
HP	High Performance	750	3336	Yes	–	–	–	–	–	–
HS	Heat Stabilized	750	3336	No	–	–	–	–	–	–
LF	Low Friction	750	3336	Yes	–	–	–	–	–	–
PS	Platinum Series	750	3336	Yes	–	–	–	–	–	–
NON-STANDARD GRADES										
WX	Green Abrasion Resistant Polyamide	750	3336	No	–	–	–	–	–	–

Photo shows 1873 TAB G Table Top Chain with Gripper Retainers molded in High Performance (HP) material on Stainless Steel (SS) base chain.

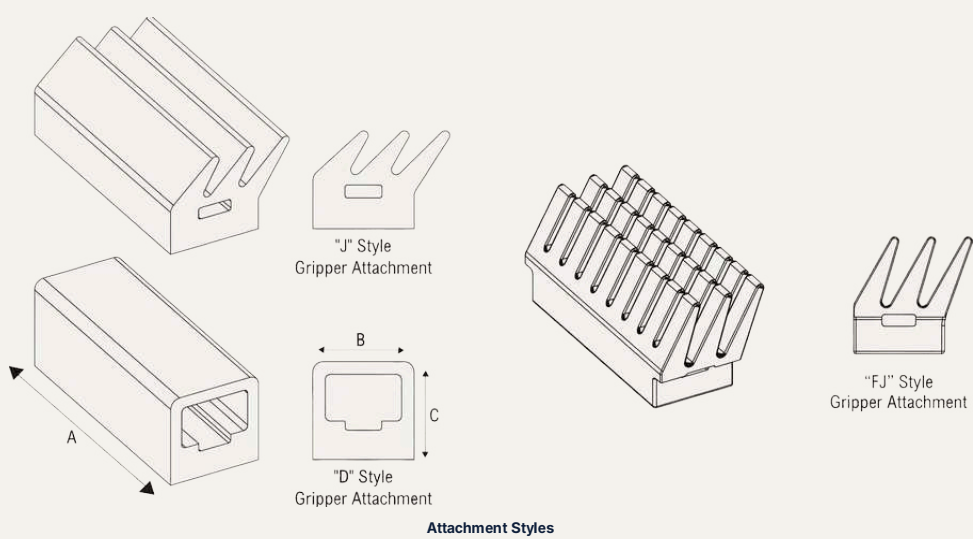
63 (SS) MO Pin Plate (Part #10137637) Identifies Connector Link

U.S. Patents: 4629063, 4809846, 5219065

Uses 63 stainless steel (SS) base chain (Part #63SS-BC).

Chain runs on ANSI No. 60 sprockets.

1873 SERIES TABLE TOP CHAIN ACCESSORIES



GRIPPER ATTACHMENTS

Part Number	Style	Material	Color	Hardness (Shore A)	“ A ” Dimension In	“ A ” Dimension Mm	“ B ” Dimension In	“ B ” Dimension Mm	“ C ” Dimension In	“ C ” Dimension Mm	Standard
10075338	D	Neoprene	Black	40	3. 35	85. 1	1. 25	31. 8	1. 19	30. 2	1
10075339	D	Neoprene	White	40	3. 35	85. 1	1. 25	31. 8	1. 19	30. 2	1
10075340	D	Neoprene	Black	60	3. 35	85. 1	1. 25	31. 8	1. 19	30. 2	1
10075341	D	EPDM	White	50	3. 35	85. 1	1. 25	31. 8	1. 19	30. 2	1
10075343	D	EPDM	Black	50	3. 35	85. 1	1. 25	31. 8	1. 19	30. 2	1
10075608	J	Neoprene	Black	40	3. 35	85. 1	1. 25	31. 8	1. 19	30. 2	1
10075609	J	Neoprene	White	50	3. 35	85. 1	1. 25	31. 8	1. 19	30. 2	1
10075610	J	EPDM	White	80	3. 35	85. 1	1. 25	31. 8	1. 19	30. 2	1
10075611	J	EPDM	White	50	3. 35	85. 1	1. 25	31. 8	1. 19	30. 2	1
10074926	FJ	Neoprene	Black	40	3. 68	93. 5	1. 69	42. 9	1. 58	40. 1	1

"J" Style Gripper Attachment
"D" Style Gripper Attachment
"FJ" Style Gripper Attachment
Drawing callout letters on the "D" Style figure: A (length), B (width), C (height)
Standard Grippers

1874 TAB (S) ON CARBON STEEL BASE CHAIN



Chain

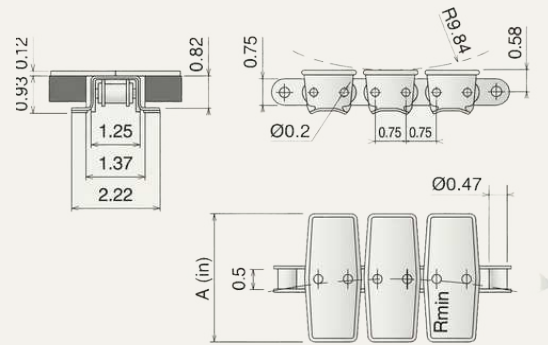


Plate & Section

CHAIN SIZES

Chain width	2.25	3.25	4.5	6	7.5
Chain width in	2.25	3.25	4.5	6	7.5
Chain width mm	57.2	82.6	114.3	152.4	190.5
Min. side-flex radius in	15	15	15	18	24
Min. side-flex radius mm	381	381	381	457.2	609.6
Weight lb/ft	1.94	2.8	3.2	3.8	4.3
Weight kg/m	2.89	4.17	4.77	5.66	6.41

CHAIN GEOMETRY

Dimension	in	mm	Dimension	in	mm
Thickness	0.12	3	Plate Bottom to TAB Bottom	0.91	23.1
Guide Clearance Curve	1.38	34.9	Height Over Centerline	0.57	14.5
Guide Clearance Straight	1.31	33.3	Min. Back-flex Radius	10	254
Overall Width	1.25	31.8	Pin Diameter	0.2	5.1
Width Over TABs	2.25	57.2	Chain Pitch	0.75	19.1
Plate Bottom to TAB Top	0.83	21.1			

AVAILABLE GRADES, STRENGTH & TEMPERATURE

Prefix	Material	Chain strength		FDA	Fahrenheit			Celsius		
		lb	N		min	max dry	max wet	min	max dry	max wet
STANDARD GRADES										
S	Carbon Steel	1000	4448	No	–	–	–	–	–	–

Photo shows 1874 TAB Table Top Chain with Carbon Steel (S) top plates on Carbon Steel (S) base chain.

63 MO Pin Plate (Part #10137442) Identifies Connector Link

U.S. Patent: 4096943

Uses 63 stainless steel (SS) base chain (Part #63SS-BC).

Chain runs on ANSI No. 60 sprockets.

1874 TAB (SS) ON STAINLESS STEEL BASE CHAIN - SIDE-FLEXING



Chain

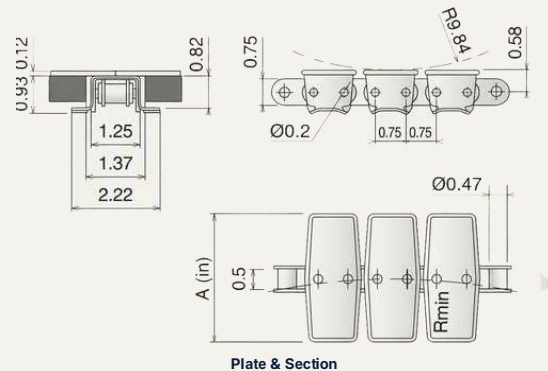


Plate & Section

CHAIN SIZES

Chain width	2.25	3.25	4.5	6	7.5
Chain width in	2.25	3.25	4.5	6	7.5
Chain width mm	57.2	82.6	114.3	152.4	190.5
Min. side-flex radius in	15	15	15	18	24
Min. side-flex radius mm	381	381	381	457.2	609.6
Weight lb/ft	1.94	2.8	3.2	3.8	4.3
Weight kg/m	2.89	4.17	4.77	5.66	6.41

CHAIN GEOMETRY

Dimension	in	mm	Dimension	in	mm
Thickness	0.12	3	Plate Bottom to TAB Bottom	0.91	23.1
Guide Clearance Curve	1.38	34.9	Height Over Centerline	0.57	14.5
Guide Clearance Straight	1.31	33.3	Min. Back-flex Radius	10	254
Overall Width	1.25	31.8	Pin Diameter	0.2	5.1
Width Over TABs	2.25	57.2	Chain Pitch	0.75	19.1
Plate Bottom to TAB Top	0.83	21.1			

AVAILABLE GRADES, STRENGTH & TEMPERATURE

Prefix	Material	Chain strength		FDA	Fahrenheit			Celsius		
		lb	N		min	max dry	max wet	min	max dry	max wet
STANDARD GRADES										
SS	Stainless Steel	750	3336	Yes	-	-	-	-	-	-

Photo shows 1874 TAB Table Top Chain with Stainless Steel (SS) top plates on Stainless Steel (SS) base chain.

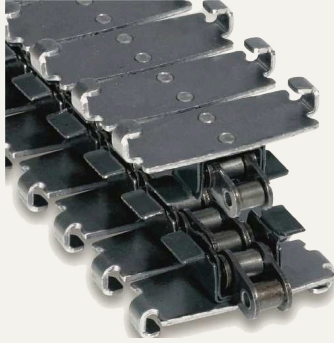
63 (SS) MO Pin Plate (Part #10137637) Identifies Connector Link

Based on the material chemistries, industry standards, and the documentation in the Federal Registry, it is the opinion of that the Table Top stainless steel chains can be considered GRAS for direct food contact.

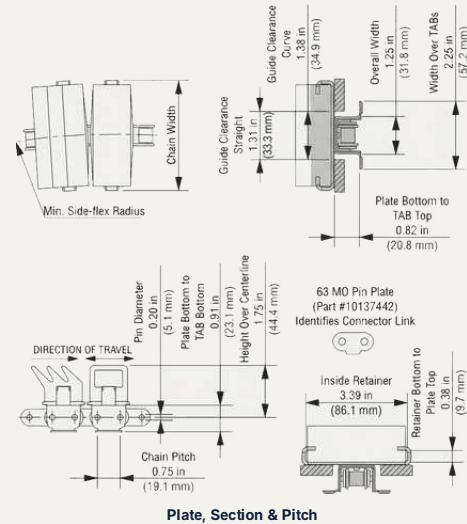
U.S. Patent: 4096943

Uses 63 stainless steel (SS) base chain (Part #63SS-BC).

1874 TAB G (S) WITH GRIPPER RETAINERS ON CARBON STEEL BASE CHAIN - SIDE-FLEXING



Chain, Low Friction Material



Plate, Section & Pitch

CHAIN SIZES

Chain width		3.63
Chain width in		3.63
Chain width mm		92.1
Min. side-flex radius in		15
Min. side-flex radius mm		381
Weight lb/ft		3
Weight kg/m		4.47

CHAIN GEOMETRY

Dimension	in	mm	Dimension	in	mm
Guide Clearance Curve	1.38	34.9	Plate Bottom to TAB Bottom	0.91	23.1
Guide Clearance Straight	1.31	33.3	Height Over Centerline	1.75	44.4
Overall Width	1.25	31.8	Chain Pitch	0.75	19.1
Width Over TABs	2.25	57.2	Inside Retainer	3.39	86.1
Plate Bottom to TAB Top	0.82	20.8	Retainer Bottom to Plate Top	0.38	9.7
Pin Diameter	0.2	5.1			

AVAILABLE GRADES, STRENGTH & TEMPERATURE

Prefix	Material	Chain strength		FDA	Fahrenheit			Celsius		
		lb	N		min	max dry	max wet	min	max dry	max wet
STANDARD GRADES										
AK	Stainless Steel	1000	4448	No	–	–	–	–	–	–
S	Carbon Steel	1000	4448	No	–	–	–	–	–	–

Photo shows 1874 TAB G Table Top Chain with Gripper Retainers made of Carbon Steel (S) on Carbon Steel (S) base chain.

63 MO Pin Plate (Part #10137442) Identifies Connector Link

Uses 63 carbon steel (S) base chain (Part #63-BC).

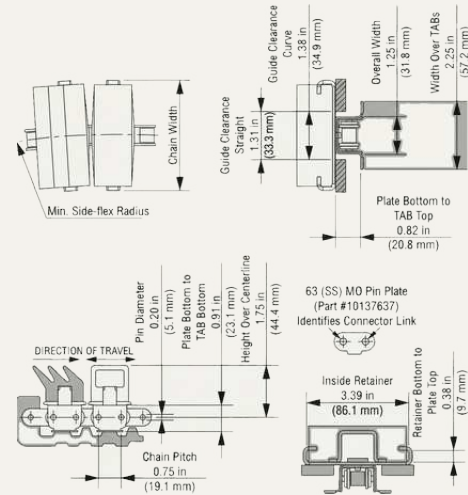
Chain runs on ANSI No. 60 sprockets.

Can be assembled with "J" or "D" style gripper attachments; see accessories section for more information.

1874 TAB G (SS) WITH GRIPPER RETAINERS ON STAINLESS BASE CHAIN - SIDE-FLEXING



Chain, Low Friction Material



Plate, Section & Pitch

CHAIN SIZES

Chain width		3.63
Chain width in		3.63
Chain width mm		92.1
Min. side-flex radius in		15
Min. side-flex radius mm		381
Weight lb/ft		3
Weight kg/m		4.47

CHAIN GEOMETRY

Dimension	in	mm	Dimension	in	mm
Guide Clearance Curve	1.38	34.9	Plate Bottom to TAB Bottom	0.91	23.1
Guide Clearance Straight	1.31	33.3	Height Over Centerline	1.75	44.4
Overall Width	1.25	31.8	Chain Pitch	0.75	19.1
Width Over TABs	2.25	57.2	Inside Retainer	3.39	86.1
Plate Bottom to TAB Top	0.82	20.8	Retainer Bottom to Plate Top	0.38	9.7
Pin Diameter	0.2	5.1			

AVAILABLE GRADES, STRENGTH & TEMPERATURE

Prefix	Material	Chain strength		FDA	Fahrenheit			Celsius		
		lb	N		min	max dry	max wet	min	max dry	max wet
STANDARD GRADES										
SS	Stainless Steel	750	3336	Yes	–	–	–	–	–	–

Photo shows 1874 TAB G Table Top Chain with Gripper Retainers made of Stainless steel (SS) on Stainless Steel (SS) base chain.

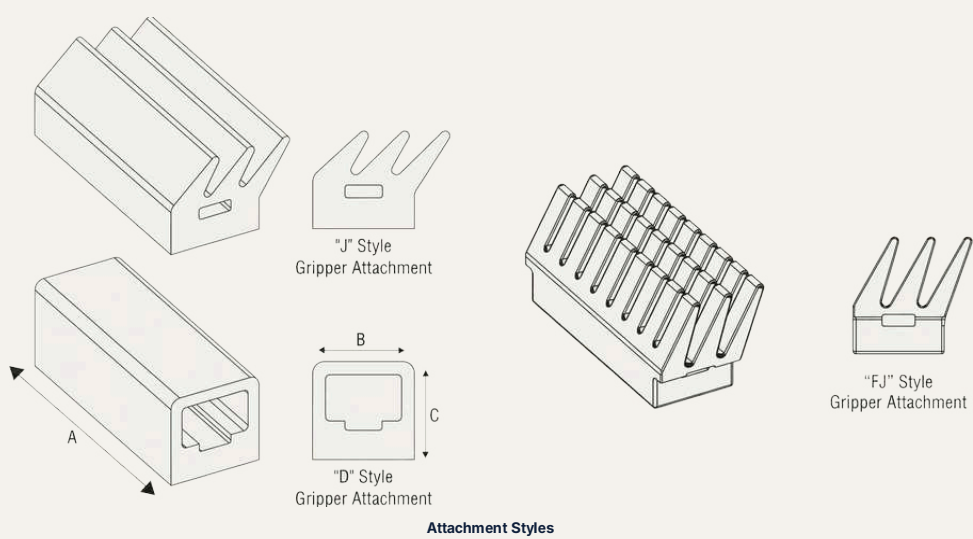
63 (SS) MO Pin Plate (Part #10137637) Identifies Connector Link

Based on the material chemistries, industry standards, and the documentation in the Federal Registry, it is the opinion of that the Table Top stainless steel chains can be considered GRAS for direct food contact.

U.S. Patent: 4096943

Uses 63 stainless steel (SS) base chain (Part #63SS-BC).

1874 SERIES TABLE TOP CHAIN ACCESSORIES



GRIPPER ATTACHMENTS

Part Number	Style	Material	Color	Hardness (Shore A)	“ A ” Dimension In	“ A ” Dimension Mm	“ B ” Dimension In	“ B ” Dimension Mm	“ C ” Dimension In	“ C ” Dimension Mm	Standard
10075338	D	Neoprene	Black	40	3. 35	85. 1	1. 25	31. 8	1. 19	30. 2	1
10075339	D	Neoprene	White	40	3. 35	85. 1	1. 25	31. 8	1. 19	30. 2	1
10075340	D	Neoprene	Black	60	3. 35	85. 1	1. 25	31. 8	1. 19	30. 2	1
10075341	D	EPDM	White	50	3. 35	85. 1	1. 25	31. 8	1. 19	30. 2	1
10075343	D	EPDM	Black	50	3. 35	85. 1	1. 25	31. 8	1. 19	30. 2	1
10075608	J	Neoprene	Black	40	3. 35	85. 1	1. 25	31. 8	1. 19	30. 2	1
10075609	J	Neoprene	White	50	3. 35	85. 1	1. 25	31. 8	1. 19	30. 2	1
10075610	J	EPDM	White	80	3. 35	85. 1	1. 25	31. 8	1. 19	30. 2	1
10075611	J	EPDM	White	50	3. 35	85. 1	1. 25	31. 8	1. 19	30. 2	1
10074926	FJ	Neoprene	Black	40	3. 68	93. 5	1. 69	42. 9	1. 58	40. 1	1

"J" Style Gripper Attachment
"D" Style Gripper Attachment
"FJ" Style Gripper Attachment
Drawing callout letters on the "D" Style figure: A (length), B (width), C (height)
Standard Grippers

765 TABLE TOP CHAIN

Side-flexing

765 is available in 1 plate widths and 1 material grades. The prefix in front of the designation selects the material; a filled dot marks the widths each grade is made in. Pins: Stainless Steel · Min. back-flex radius: 1.97 in · Variants: NO GAP.



Chain

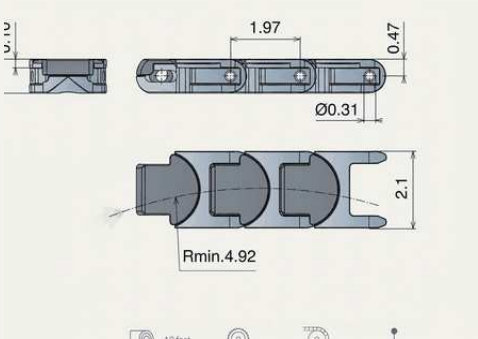


Plate & Section

CHAIN SIZES

Plate width		2.16
Plate width in		2.16
Plate width mm		54.9
Weight lb/ft		0.98

CHAIN GEOMETRY

Dimension	in	mm	Dimension	in	mm
overall height	0.94	23.9	pin diameter	0.31	7.9
plate thickness	0.16	4.1	plate width	2.1	53.3
pitch	1.97	50	Rmin	4.92	125
side detail	0.47	11.9			

GRADES & AVAILABILITY BY PLATE WIDTH

Prefix	Material	Max working load lb	2.16
MX/MK	Frame Material MX / Plate Material MK	495	•

878 TABLE TOP CHAIN

Side-flexing – 2 variants

878 is available in 2 plate widths and 3 material grades. The prefix in front of the designation selects the material; a filled dot marks the widths each grade is made in. Pins: Stainless Steel · Min. back-flex radius: 1.97 in · Variants: TAB, GRIPPER GS1/GS2/GS4.



Chain

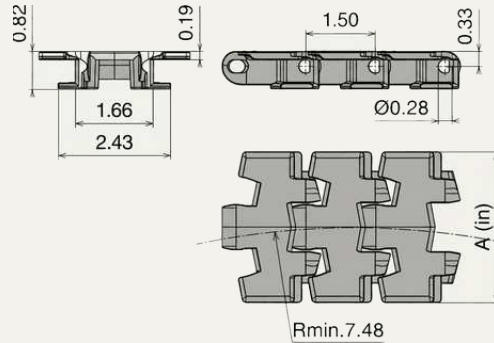


Plate & Section

CHAIN SIZES

Plate width	3.25	4.5
Plate width in	3.25	4.5
Plate width mm	82.5	114.3
Weight lb/ft	0.71–3.12	0.79

CHAIN GEOMETRY

Dimension	in	mm	Dimension	in	mm
tab height	0.82	20.8	pitch	1.5	38.1
plate thickness	0.19	4.8	side height	0.33	8.4
inner foot width	1.66	42.2	pin diameter	0.28	7.1
overall width	2.43	61.7			

GRADES & AVAILABILITY BY PLATE WIDTH

Prefix	Material	Max working load lb	3.25	4.5
DKM	Aramid Reinforced Acetal	495	•	•
LF	Low friction Acetal	495	•	•
MX	Performance PBT	395	•	•

888 TABLE TOP CHAIN

Side-flexing – 2 variants

888 is available in 3 plate widths and 1 material grades. The prefix in front of the designation selects the material; a filled dot marks the widths each grade is made in. Pins: Stainless Steel · Min. back-flex radius: 5.9 in · Variants: TAB, TAB GT.



Chain

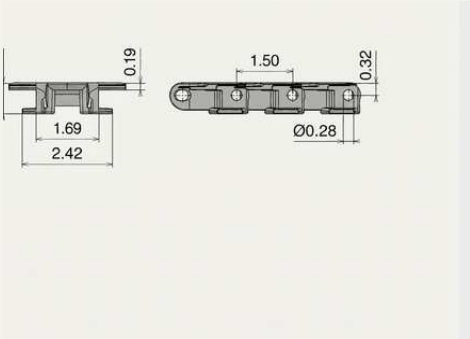


Plate & Section

CHAIN SIZES

Plate width	3.15	5.51	7.87
Plate width in	3.15	5.51	7.87
Plate width mm	80	140	199.9
Weight lb/ft	0.7–0.77	0.88–0.95	1.08–1.17

CHAIN GEOMETRY

Dimension	in	mm	Dimension	in	mm
tab height	0.82	20.8	pitch	1.5	38.1
plate thickness	0.19	4.8	side height	0.32	8.1
inner foot width	1.69	42.9	pin diameter	0.28	7.1
overall width	2.42	61.5			

GRADES & AVAILABILITY BY PLATE WIDTH

Prefix	Material	Max working load lb	3.15	5.51	7.87
LF	Low friction Acetal	495	•	•	•

1701 TABLE TOP CHAIN

Side-flexing – 2 variants

1701 is available in 1 plate widths and 1 material grades. The prefix in front of the designation selects the material; a filled dot marks the widths each grade is made in. Pins: Stainless Steel · Min. back-flex radius: 1.97 in · Variants: TAB OP, TAB OPF.



Chain

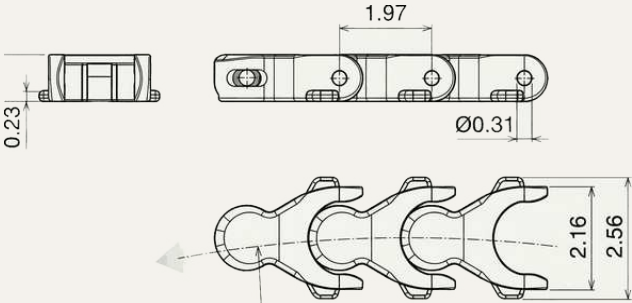


Plate & Section

CHAIN SIZES

Plate width		2.16
Plate width in		2.16
Plate width mm		54.9
Weight lb/ft		0.94–1.54

CHAIN GEOMETRY

Dimension	in	mm	Dimension	in	mm
overall height	0.98	24.9	plate width	2.16	54.9
tab height	0.23	5.8	width detail	2.56	65
pitch	1.97	50	Rmin	5.9	149.9
pin diameter	0.31	7.9			

GRADES & AVAILABILITY BY PLATE WIDTH

Prefix	Material	Max working load lb	2.16
LFN	LFN	607	•

1706 TABLE TOP CHAIN

Side-flexing – 2 variants

1706 is available in 1 plate widths and 2 material grades. The prefix in front of the designation selects the material; a filled dot marks the widths each grade is made in. Pins: Stainless Steel · Min. back-flex radius: 3.15 in · Variants: TAB.



Chain

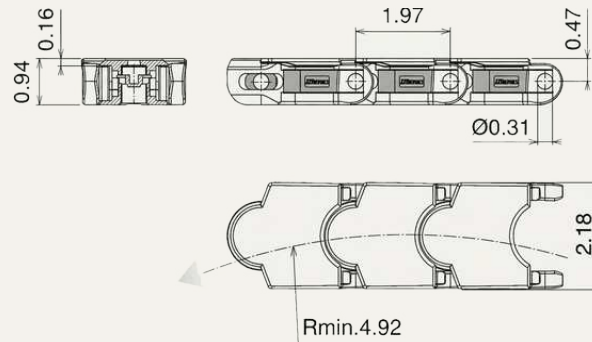


Plate & Section

CHAIN SIZES

Plate width	2.18
Plate width in	2.18
Plate width mm	55.4
Weight lb/ft	0.91–0.93

CHAIN GEOMETRY

Dimension	in	mm	Dimension	in	mm
overall height	0.94	23.9	pin diameter	0.31	7.9
plate thickness	0.16	4.1	plate width	2.18	55.4
pitch	1.97	50	Rmin	4.92	125
side detail	0.47	11.9			

GRADES & AVAILABILITY BY PLATE WIDTH

Prefix	Material	Max working load lb	2.18
LFN	LFN	517	•
MX	MX	430	•

8811 TABLE TOP CHAIN

Side-flexing – 3 variants

8811 is available in 5 plate widths and 2 material grades. The prefix in front of the designation selects the material; a filled dot marks the widths each grade is made in. Pins: Martensitic 1.4057 · Min. back-flex radius: 2.75 / 3.15 in · Variants: TAB, R TAB / TAB GT, B.



Chain

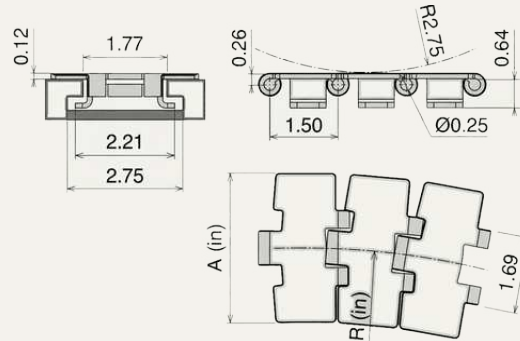


Plate & Section

CHAIN SIZES

Plate width	3.25	3.3	3.5	4.5	7.5
Plate width in	3.25	3.3	3.5	4.5	7.5
Plate width mm	82.5	83.8	88.9	114.3	190.5
Weight lb/ft	1.87–19.68	2.05	2.12	2.42–2.45	3.63–19.68

CHAIN GEOMETRY

Dimension	in	mm	Dimension	in	mm
plate thickness	0.12	3	backflex radius R	2.75	69.8
tab inner width	1.77	45	overall height	0.64	16.3
tab mid width	2.21	56.1	pitch	1.5	38.1
tab outer width	2.75	69.8	pin diameter	0.25	6.3
plate top height	0.26	6.6	tab width	1.69	42.9

GRADES & AVAILABILITY BY PLATE WIDTH

Prefix	Material	Max working load lb	3.25	3.3	3.5	4.5	7.5
SSE	Specially treated Ferritic Stainless Steel (1.4589) - Hardened pins	1350	•	•	•	•	•
SS	Ferritic Stainless Steel (1.4016)	1214	•	•	–	•	•

8857 TABLE TOP CHAIN

Side-flexing

8857 is available in 1 plate widths and 1 material grades. The prefix in front of the designation selects the material; a filled dot marks the widths each grade is made in. Pins: Martensitic 1.4057 - Variants: M / M GT.



Chain

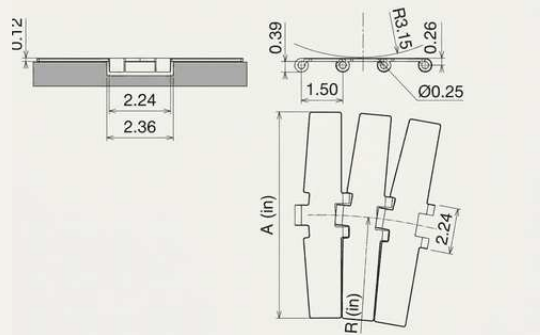


Plate & Section

CHAIN SIZES

Plate width	7.5
Plate width in	7.5
Plate width mm	190.5
Weight lb/ft	3.56–3.83

CHAIN GEOMETRY

Dimension	in	mm	Dimension	in	mm
8857 M plate thickness	0.12	3	8857 M GT rubber thickness	0.12	3
8857 M bottom width inner	2.24	56.9	8857 M GT bottom width inner	2.24	56.9
8857 M bottom width outer	2.36	59.9	8857 M GT bottom width outer	2.36	59.9
8857 M plate top height	0.39	9.9	8857 M GT plate top height	0.39	9.9
8857 M backflex radius R	3.15	80	8857 M GT backflex radius R	2.75	69.8
8857 M edge dim	0.26	6.6	8857 M GT edge dim	0.26	6.6
8857 M pitch	1.5	38.1	8857 M GT pitch	1.5	38.1
8857 M pin diameter	0.25	6.3	8857 M GT pin diameter	0.25	6.3
8857 M tab width	2.24	56.9	8857 M GT A plate width	5.51	140
8857 M GT plate thickness	0.12	3			

GRADES & AVAILABILITY BY PLATE WIDTH

Prefix	Material	Max working load lb	7.5
SSE	Specially treated Ferritic Stainless Steel (1.4589) - Hardened pins	1575	•

CC 600 TABLE TOP CHAIN

Side-flexing – 2 variants

CC 600 is available in 1 plate widths and 2 material grades. The prefix in front of the designation selects the material; a filled dot marks the widths each grade is made in. Pins: Stainless Steel · Min. back-flex radius: 1.97 in · Variants: TAB.



Chain

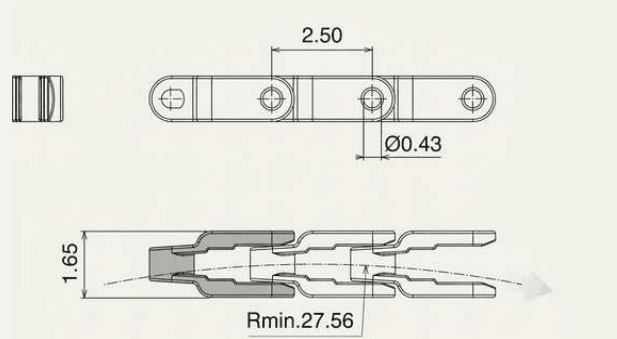


Plate & Section

CHAIN SIZES

Plate width		1.65
Plate width in		1.65
Plate width mm		41.9
Weight lb/ft		0.9–0.97

CHAIN GEOMETRY

Dimension	in	mm	Dimension	in	mm
overall height	1.12	28.4	plate width	1.65	41.9
pitch	2.5	63.5	Rmin	27.56	700
pin diameter	0.43	10.9			

GRADES & AVAILABILITY BY PLATE WIDTH

Prefix	Material	Max working load lb	1.65
LFN	LFN	900	•
MX	MX	720	•

CC 1400 TABLE TOP CHAIN

Side-flexing – 2 variants

CC 1400 is available in 1 plate widths and 2 material grades. The prefix in front of the designation selects the material; a filled dot marks the widths each grade is made in. Pins: Stainless Steel · Min. back-flex radius: 1.97 in · Variants: TAB.



Chain

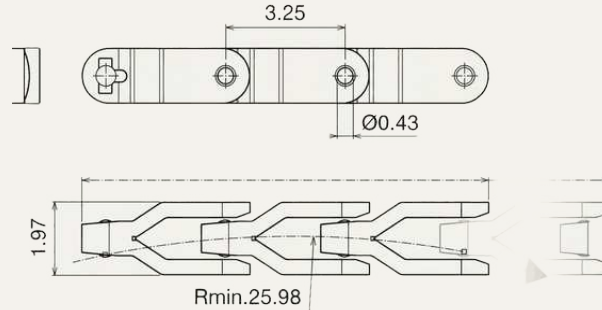


Plate & Section

CHAIN SIZES

Plate width		1.97
Plate width in		1.97
Plate width mm		50
Weight lb/ft		2.18

CHAIN GEOMETRY

Dimension	in	mm	Dimension	in	mm
overall height	1.5	38.1	plate width	1.97	50
pitch	3.25	82.5	Rmin	25.98	659.9
pin diameter	0.43	10.9			

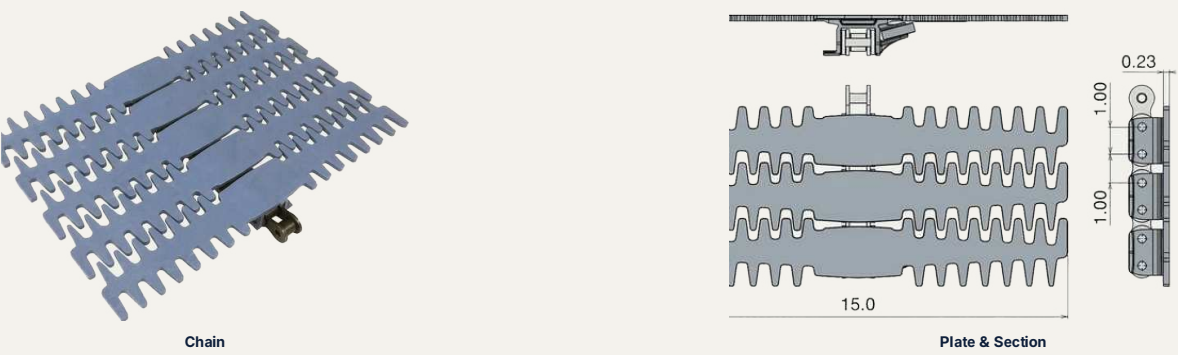
GRADES & AVAILABILITY BY PLATE WIDTH

Prefix	Material	Max working load lb	1.97
LFN	LFN	1460	•
MX	MX	1170	•

SP 1883 TABLE TOP CHAIN

Side-flexing – 2 variants

SP 1883 is available in 1 plate widths and 1 material grades. The prefix in front of the designation selects the material; a filled dot marks the widths each grade is made in. Min. back-flex radius: 13.78 in · Variants: GT.



CHAIN SIZES

Plate width		15
Plate width in		15
Plate width mm		381
Weight lb/ft		8.4–8.74

CHAIN GEOMETRY

Dimension		in	mm	Dimension		in	mm
overall width		15	381	height detail 2		1	25.4
height detail		1	25.4	side detail		0.23	5.8

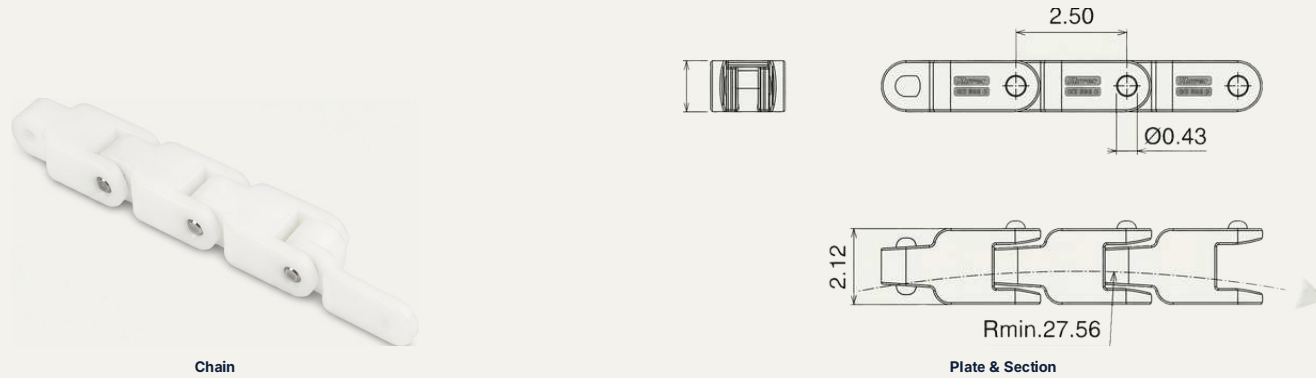
GRADES & AVAILABILITY BY PLATE WIDTH

Prefix	Material	Max working load lb		15
LFA	LFA	–	•	

CC 600 D TABLE TOP CHAIN

Side-flexing – 2 variants

CC 600 D is available in 1 plate widths and 2 material grades. The prefix in front of the designation selects the material; a filled dot marks the widths each grade is made in. Pins: Stainless Steel · Min. back-flex radius: 1.97 in · Variants: TAB.



CHAIN SIZES

Plate width	1.65
Plate width in	1.65
Plate width mm	41.9
Weight lb/ft	0.94–1.04

CHAIN GEOMETRY

Dimension	in	mm	Dimension	in	mm
overall height	1.12	28.4	width detail	2.12	53.8
pitch	2.5	63.5	Rmin	27.56	700
pin diameter	0.43	10.9			

GRADES & AVAILABILITY BY PLATE WIDTH

Prefix	Material	Max working load lb	1.65
LFN	LFN	900	•
MX	MX	720	•

83 M/140 M TABLE TOP CHAIN

Side-flexing

83 M/140 M is available in 2 plate widths and 1 material grades. The prefix in front of the designation selects the material; a filled dot marks the widths each grade is made in. Pins: Stainless Steel · Min. back-flex radius: 5.9 in · Variants: M.



Chain

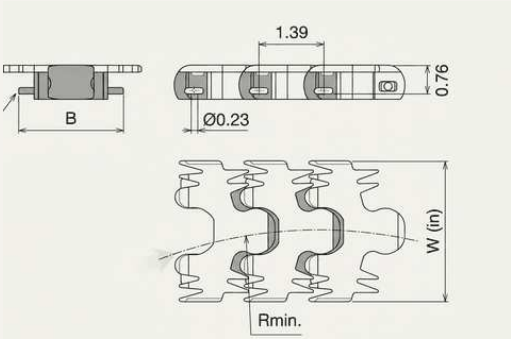


Plate & Section

CHAIN SIZES

Plate width	3.27	5.51
Plate width in	3. 27	5. 51
Plate width mm	83. 1	140
Weight lb/ft	0. 91	1. 41

CHAIN GEOMETRY

Dimension	in	mm	Dimension	in	mm
plate thickness	0. 17	4. 3	side height	0. 76	19. 3
overall height	0. 92	23. 4	pin diameter	0. 23	5. 8
pitch detail	1. 39	35. 3			

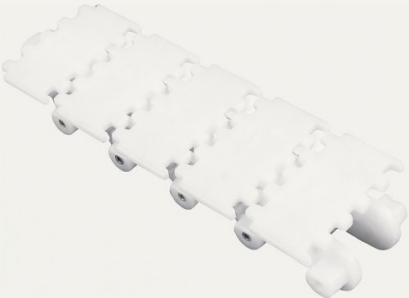
GRADES & AVAILABILITY BY PLATE WIDTH

Prefix	Material	Max working load lb	3.27	5.51
LFN	Low friction Acetal	472	•	•

43/63/83/103 MF TABLE TOP CHAIN

Side-flexing

43/63/83/103 MF is available in 4 plate widths and 1 material grades. The prefix in front of the designation selects the material; a filled dot marks the widths each grade is made in. Pins: Stainless Steel · Min. back-flex radius: 3.15 in · Variants: MF.



Chain

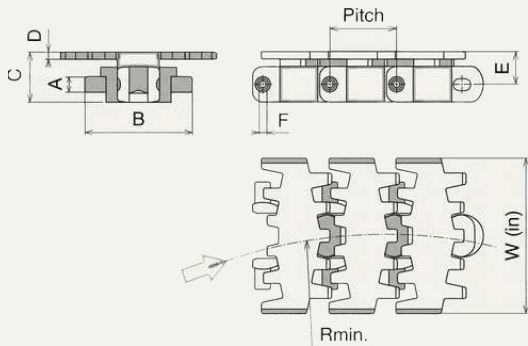


Plate & Section

CHAIN SIZES

Plate width	1.69	2.48	3.27	4.05
Plate width in	1.69	2.48	3.27	4.05
Plate width mm	42.9	63	83.1	102.9
Weight lb/ft	0.4	0.54	1.14	1.34

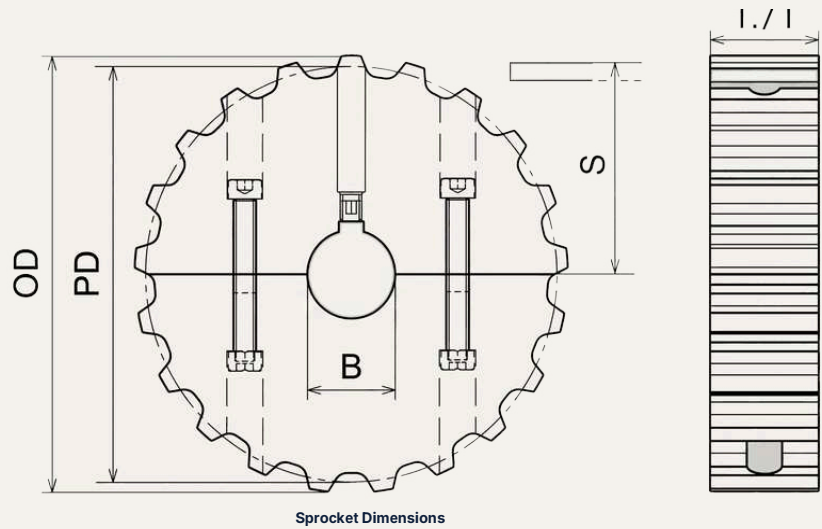
GRADES & AVAILABILITY BY PLATE WIDTH

Prefix	Material	Max working load lb	1.69	2.48	3.27	4.05
LFN	Low friction Acetal	472	•	•	•	•

512 SPROCKETS & IDLERS

Drive, Return & Idler – 1 of 2

Sprockets and idler wheels for 512 chain, by number of teeth. Bore and keyway to customer specification. Material: Polyamide · Screws: Stainless steel.



SPLIT DRIVE SPROCKET, MACHINED

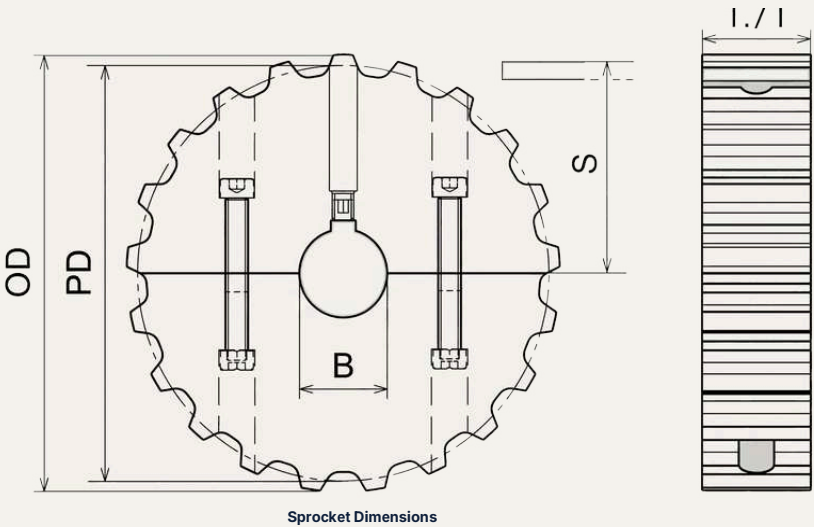
Teeth	Pitch Ø in	Outer Ø in	Bore	S in
13	4.25	4.18	1	2.25
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
15	4.88	4.81	1	2.57
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
17	5.44	5.44	1	2.85
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
18	5.76	5.76	1	3.01
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
19	6.07	6.13	1	3.16
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
21	6.71	6.81	1	3.48
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
23	7.34	7.48	1	3.80
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
25	7.98	8.03	1	4.12
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-

SPLIT IDLER SPROCKET, MACHINED [*PLAIN BORE]

Teeth	Pitch Ø in	Outer Ø in	Bore	S in
13	4.25	4.18	0.71*	2.25
-	-	-	1	-
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
15	4.88	4.81	0.71*	2.57
-	-	-	1	-
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
17	5.44	5.44	0.71*	2.85
-	-	-	1	-
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
18	5.76	5.76	0.71*	3.01
-	-	-	1	-
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
19	6.07	6.13	0.71*	3.16
-	-	-	1	-
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
21	6.71	6.81	0.71*	3.48
-	-	-	1	-
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
23	7.34	7.48	0.71*	3.80
-	-	-	1	-
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
25	7.98	8.03	0.71*	4.12
-	-	-	1	-
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-

512 SPROCKETS & IDLERS

Drive, Return & Idler – 2 of 2



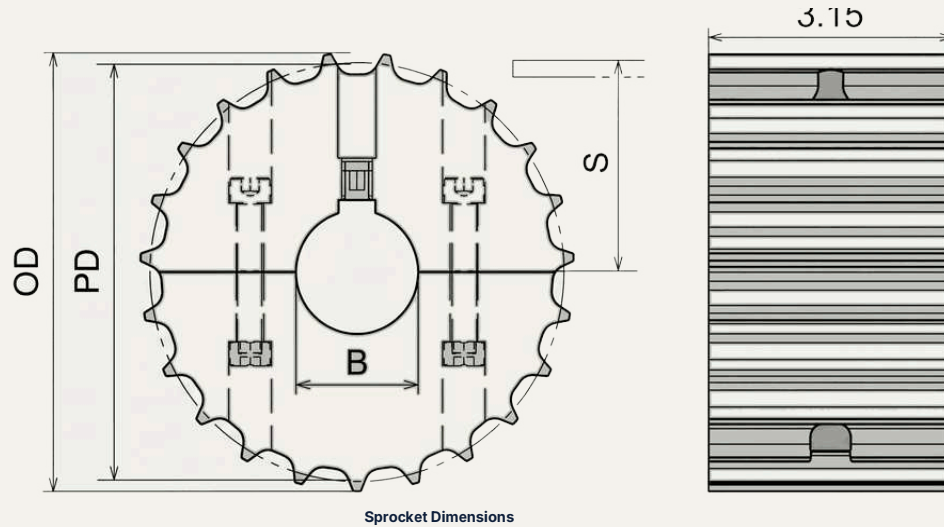
SPLIT SPROCKET WITH GUIDES, MACHINED (512)

Teeth	Pitch ϕ in	Outer ϕ in	Bore	S in	ϕ screw in
18	5.76	5.79	1	3.00	4.33
-	-	-	1.25	-	-
-	-	-	1.44	-	-
-	-	-	1.5	-	-

800, 802, 805 SPROCKETS & IDLERS

Drive, Return & Idler

Sprockets and idler wheels for 800, 802, 805 chain, by number of teeth. Bore and keyway to customer specification. Material: polyamide (natural white); screws in stainless steel, bushings in brass, DIN 6885 key seat. * Plain bore (without keyway).



Sprocket Dimensions

MACHINED DRIVE SPROCKETS - SPLIT FIXED: STAINLESS STEEL GUIDE RINGS

Teeth	Pitch ϕ in	Outer ϕ in	Bore	S in
21	5.09	5.08	23 mm	2.67
21	5.09	5.08	30 mm	2.67
21	5.09	5.08	35 mm	2.67
21	5.09	5.08	40 mm	2.67
25	6.03	6.06	23 mm	3.14
25	6.03	6.06	30 mm	3.14
25	6.03	6.06	35 mm	3.14
25	6.03	6.06	40 mm	3.14

MACHINED DRIVE SPROCKETS - SPLIT FIXED: PLASTIC GUIDE RINGS

Teeth	Pitch ϕ in	Outer ϕ in	Bore	S in
21	5.09	5.08	23 mm	2.67
21	5.09	5.08	30 mm	2.67
21	5.09	5.08	35 mm	2.67
21	5.09	5.08	40 mm	2.67
23	5.56	5.59	23 mm	2.91
23	5.56	5.59	30 mm	2.91
23	5.56	5.59	35 mm	2.91
23	5.56	5.59	40 mm	2.91
25	6.03	6.06	23 mm	3.14
25	6.03	6.06	30 mm	3.14
25	6.03	6.06	35 mm	3.14
25	6.03	6.06	40 mm	3.14

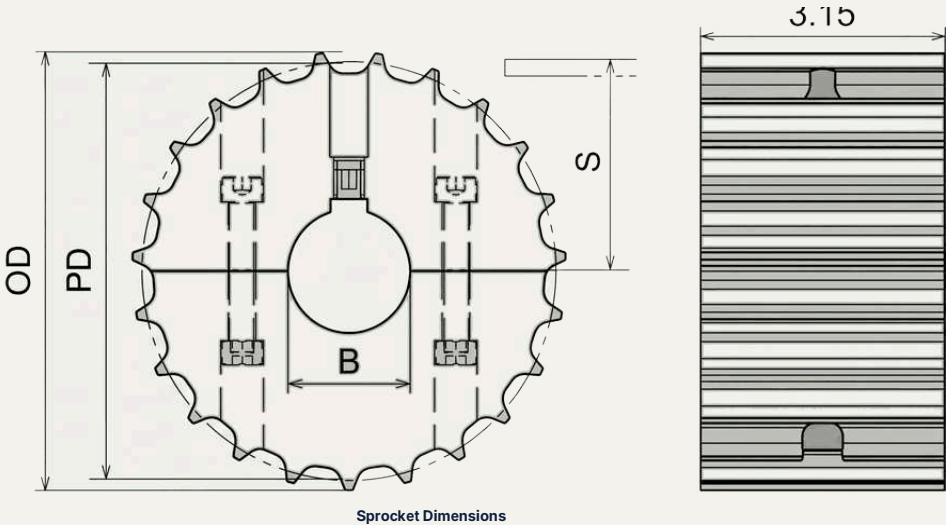
MACHINED IDLER WHEELS - SPLIT

Teeth	Pitch ϕ in	Outer ϕ in	Bore	S in
19	-	4.61	30 mm	2.46
19	-	4.61	35 mm	2.46
19	-	4.61	40 mm	2.46
21	-	5.11	30 mm	2.7
21	-	5.11	35 mm	2.7
21	-	5.11	40 mm	2.7
23	-	5.6	30 mm	2.94
23	-	5.6	35 mm	2.94
23	-	5.6	40 mm	2.94
25	-	6.09	30 mm	3.17
25	-	6.09	35 mm	3.17
25	-	6.09	40 mm	3.17

805, 821 SPROCKETS & IDLERS

Drive, Return & Idler – 1 of 2

Sprockets and idler wheels for 805, 821 chain, by number of teeth. Bore and keyway to customer specification. Material: Polyamide · Screws: Stainless steel.



SPLIT DRIVE SPROCKET, MACHINED

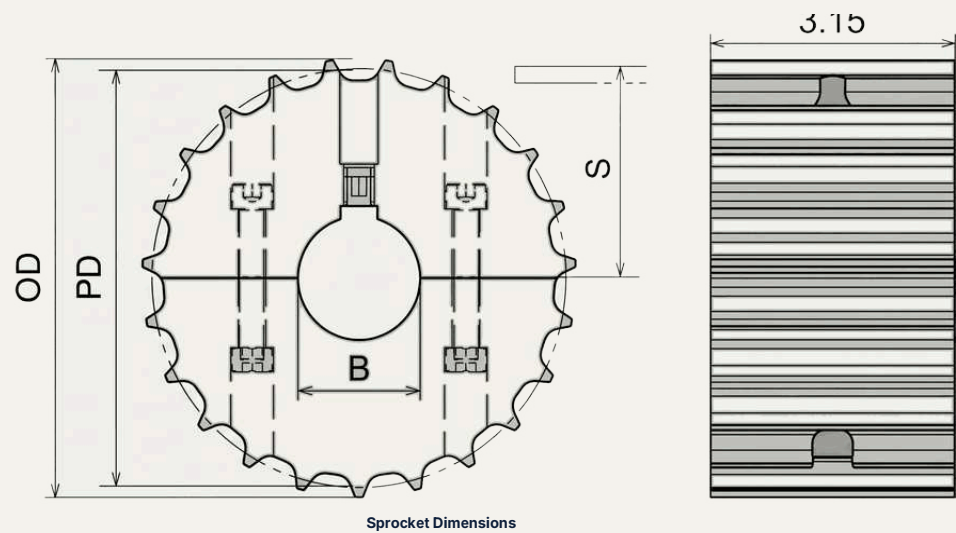
Teeth	Pitch Ø in	Outer Ø in	Bore	S in
17	4.15	4.09	1	2.20
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
19	4.62	4.61	1	2.44
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
21	5.09	5.08	1	2.67
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
23	5.56	5.60	1	2.90
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
25	6.03	6.06	1	3.14
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
27	6.50	6.57	1	3.38
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
29	6.98	7.03	1	3.61
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-

SPLIT IDLER SPROCKET, MACHINED [*PLAIN BORE]

Teeth	Pitch Ø in	Outer Ø in	Bore	S in
17	4.15	4.09	0.71*	2.20
-	-	-	1	-
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
19	4.62	4.61	0.71*	2.44
-	-	-	1	-
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
21	5.09	5.08	0.71*	2.67
-	-	-	1	-
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
23	5.56	5.60	0.71*	2.90
-	-	-	1	-
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
25	6.03	6.06	0.71*	3.14
-	-	-	1	-
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
27	6.50	6.57	0.71*	3.38
-	-	-	1	-
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
29	6.98	7.03	0.71*	3.61
-	-	-	1	-
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-

805, 821 SPROCKETS & IDLERS

Drive, Return & Idler – 2 of 2



SPLIT SPROCKET WITH GUIDES, MACHINED (805)

Teeth	Pitch ϕ in	Outer ϕ in	Bore	S in	ϕ screw in
17	4.15	4.09	1	2.20	3.15
-	-	-	1.25	-	-
-	-	-	1.44	-	-
-	-	-	1.5	-	-
21	5.09	5.08	1	2.67	4.09
-	-	-	1.25	-	-
-	-	-	1.44	-	-
-	-	-	1.5	-	-
23	5.56	5.60	1	2.90	4.57
-	-	-	1.25	-	-
-	-	-	1.44	-	-
-	-	-	1.5	-	-
25	6.03	6.06	1	3.14	5.04
-	-	-	1.25	-	-
-	-	-	1.44	-	-
-	-	-	1.5	-	-

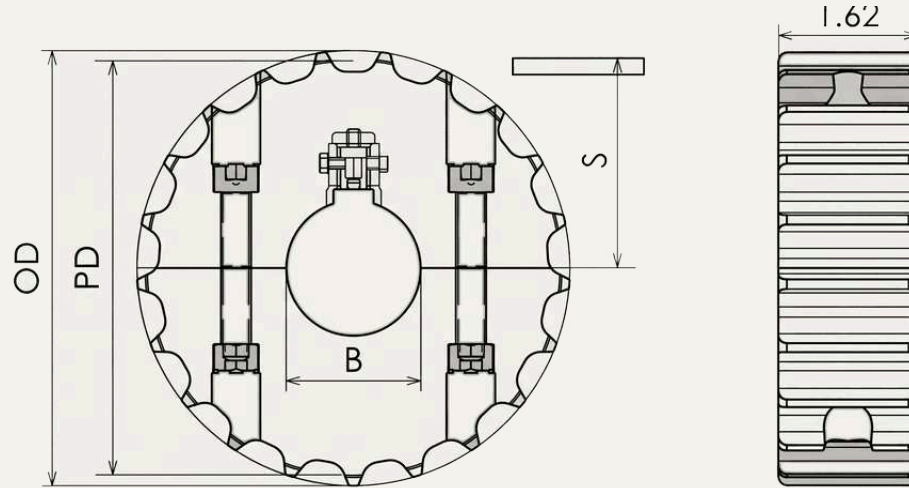
SPLIT IDLER WHEEL, MACHINED

Outer ϕ in	Bore	S in
4.09	0.79	2.21
-	1	-
-	1.25	-
-	1.44	-
-	1.5	-
4.61	0.79	2.46
-	1	-
-	1.25	-
-	1.44	-
-	1.5	-
5.11	0.79	2.7
-	1	-
-	1.25	-
-	1.44	-
-	1.5	-
5.6	0.79	2.94
-	1	-
-	1.25	-
-	1.44	-
-	1.5	-
6.09	0.79	3.17
-	1	-
-	1.25	-
-	1.44	-
-	1.5	-
6.58	0.79	3.48
-	1	-
-	1.25	-
-	1.44	-
-	1.5	-
7.06	0.79	3.65
-	1	-
-	1.25	-
-	1.44	-
-	1.5	-

812, 815, 820, 828, 831, 881, 8157, 8857 SPROCKETS & IDLERS

Drive, Return & Idler – 1 of 3

Sprockets and idler wheels for 812, 815, 820, 828, 831, 881, 8157, 8857 chain, by number of teeth. Bore and keyway to customer specification. Material: reinforced polyamide (black); screws in stainless steel, nuts in nickel plated brass, DIN 6885 key seat..



Sprocket Dimensions

MOLDED DRIVE SPROCKETS - SPLIT FIXED

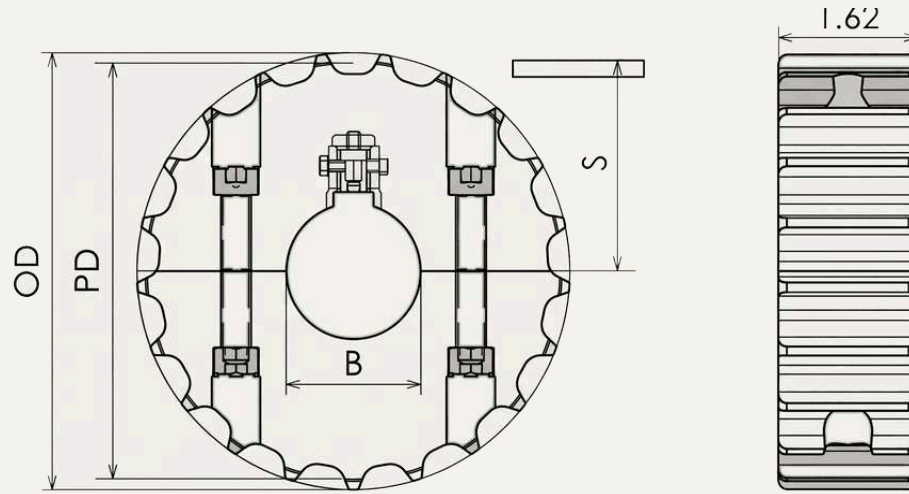
Teeth	Pitch ϕ in	Outer ϕ in	Bore	S in
21	5.09	5.08	25 mm	2.67
21	5.09	5.08	30 mm	2.67
21	5.09	5.08	35 mm	2.67
21	5.09	5.08	40 mm	2.67
21	5.09	5.08	45 mm	2.67
23	5.56	5.59	25 mm	2.91
23	5.56	5.59	30 mm	2.91
23	5.56	5.59	35 mm	2.91
23	5.56	5.59	40 mm	2.91
25	6.03	6.06	25 mm	3.14
25	6.03	6.06	30 mm	3.14
25	6.03	6.06	35 mm	3.14
25	6.03	6.06	40 mm	3.14
25	6.03	6.06	45 mm	3.14

MACHINED DRIVE SPROCKETS - SPLIT FIXED

Teeth	Pitch ϕ in	Outer ϕ in	Bore	S in
17	4.15	4.09	25 mm	2.2
17	4.15	4.09	30 mm	2.2
17	4.15	4.09	35 mm	2.2
17	4.15	4.09	40 mm	2.2
19	4.62	4.61	25 mm	2.44
19	4.62	4.61	30 mm	2.44
19	4.62	4.61	35 mm	2.44
19	4.62	4.61	40 mm	2.44
21	5.09	5.08	25 mm	2.67
21	5.09	5.08	30 mm	2.67
21	5.09	5.08	35 mm	2.67
21	5.09	5.08	40 mm	2.67
21	5.09	5.08	45 mm	2.67
23	5.56	5.59	25 mm	2.91
23	5.56	5.59	30 mm	2.91
23	5.56	5.59	35 mm	2.91
23	5.56	5.59	40 mm	2.91
23	5.56	5.59	45 mm	2.91
25	6.03	6.06	25 mm	3.14
25	6.03	6.06	30 mm	3.14
25	6.03	6.06	35 mm	3.14
25	6.03	6.06	40 mm	3.14
25	6.03	6.06	45 mm	3.14
27	6.5	6.57	25 mm	3.38
27	6.5	6.57	30 mm	3.38
27	6.5	6.57	35 mm	3.38
27	6.5	6.57	40 mm	3.38
29	6.98	7.03	25 mm	3.61
29	6.98	7.03	35 mm	3.61
29	6.98	7.03	40 mm	3.61

812, 815, 820, 828, 831, 881, 8157, 8857 SPROCKETS & IDLERS

Drive, Return & Idler – 2 of 3



Sprocket Dimensions

MACHINED RETURN SPROCKETS - SPLIT

Teeth	Pitch ϕ in	Outer ϕ in	Bore	S in
17	4.15	4.09	23 mm	2.2
17	4.15	4.09	25 mm	2.2
17	4.15	4.09	30 mm	2.2
17	4.15	4.09	35 mm	2.2
17	4.15	4.09	40 mm	2.2
19	4.62	4.61	23 mm	2.44
19	4.62	4.61	25 mm	2.44
19	4.62	4.61	30 mm	2.44
19	4.62	4.61	35 mm	2.44
19	4.62	4.61	40 mm	2.44
21	5.09	5.08	23 mm	2.67
21	5.09	5.08	25 mm	2.67
21	5.09	5.08	30 mm	2.67
21	5.09	5.08	35 mm	2.67
21	5.09	5.08	40 mm	2.67
23	5.56	5.59	23 mm	2.91
23	5.56	5.59	25 mm	2.91
23	5.56	5.59	30 mm	2.91
23	5.56	5.59	35 mm	2.91
23	5.56	5.59	40 mm	2.91
25	6.03	6.06	23 mm	3.14
25	6.03	6.06	25 mm	3.14
25	6.03	6.06	30 mm	3.14
25	6.03	6.06	35 mm	3.14
25	6.03	6.06	40 mm	3.14
27	6.5	6.57	23 mm	3.38
27	6.5	6.57	25 mm	3.38
27	6.5	6.57	30 mm	3.38
27	6.5	6.57	35 mm	3.38
27	6.5	6.57	40 mm	3.38
29	6.98	7.03	23 mm	3.61
29	6.98	7.03	25 mm	3.61
29	6.98	7.03	30 mm	3.61
29	6.98	7.03	35 mm	3.61
29	6.98	7.03	40 mm	3.61

MOLDED IDLER WHEELS - ONE PIECE

Teeth	Pitch ϕ in	Outer ϕ in	Bore	S in
15	–	3.54	30 mm	1.9
15	–	3.54	35 mm	1.9
15	–	3.54	40 mm	1.9
17	–	4.17	25 mm	2.21
17	–	4.17	30 mm	2.21
19	–	4.61	25 mm	2.46
19	–	4.61	30 mm	2.46
19	–	4.61	35 mm	2.46
19	–	4.61	40 mm	2.46

MOLDED IDLER WHEELS - SPLIT FLOATING

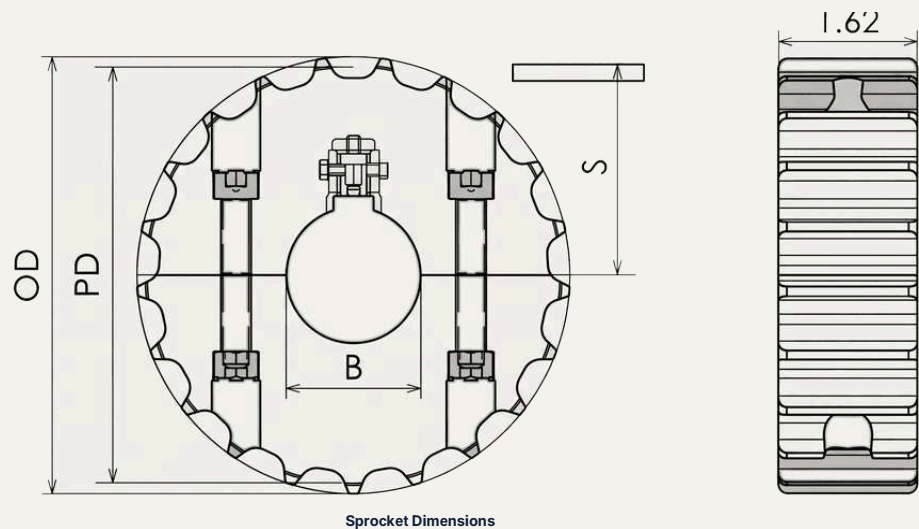
Teeth	Pitch ϕ in	Outer ϕ in	Bore	S in
21	–	5.11	25 mm	2.7
21	–	5.11	30 mm	2.7
21	–	5.11	35 mm	2.7
21	–	5.11	40 mm	2.7
23	–	5.6	25 mm	2.94
23	–	5.6	30 mm	2.94
23	–	5.6	35 mm	2.94
23	–	5.6	40 mm	2.94
25	–	6.09	25 mm	3.17
25	–	6.09	30 mm	3.17
25	–	6.09	35 mm	3.17
25	–	6.09	40 mm	3.17

MOLDED IDLER WHEELS - ONE PIECE (SELF-LUBE BUSHING)

Teeth	Pitch ϕ in	Outer ϕ in	Bore	S in
21	–	–	25 mm	–
21	–	–	30 mm	–
21	–	–	35 mm	–
21	–	–	40 mm	–
23	–	–	25 mm	–
23	–	–	30 mm	–
23	–	–	35 mm	–
23	–	–	40 mm	–
25	–	–	25 mm	–
25	–	–	30 mm	–
25	–	–	35 mm	–
25	–	–	40 mm	–

812, 815, 820, 828, 831, 881, 8157, 8857 SPROCKETS & IDLERS

Drive, Return & Idler – 3 of 3



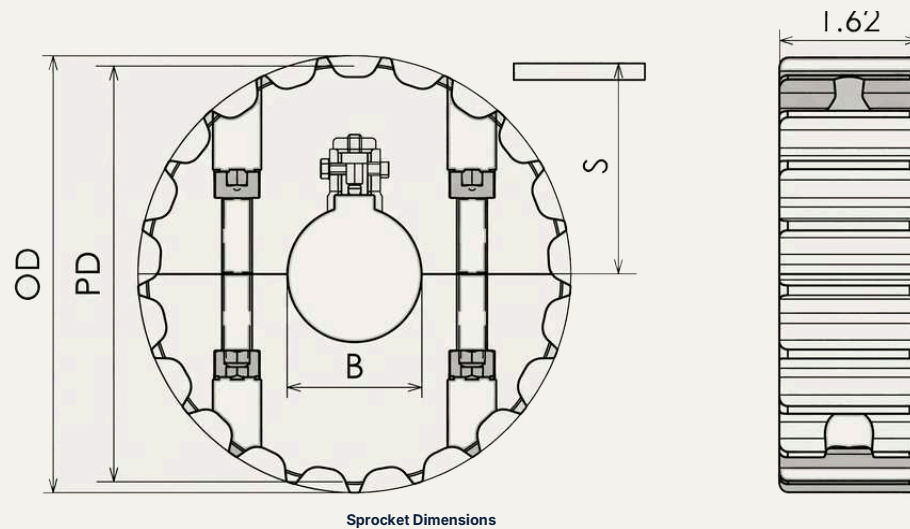
MACHINED IDLER WHEELS - SPLIT

Teeth	Pitch ϕ in	Outer ϕ in	Bore	S in
17	-	4.09	20 mm	2.21
17	-	4.09	25 mm	2.21
17	-	4.09	30 mm	2.21
17	-	4.09	35 mm	2.21
17	-	4.09	40 mm	2.21
19	-	4.61	20 mm	2.46
19	-	4.61	25 mm	2.46
19	-	4.61	30 mm	2.46
19	-	4.61	35 mm	2.46
19	-	4.61	40 mm	2.46
21	-	5.11	20 mm	2.7
21	-	5.11	25 mm	2.7
21	-	5.11	30 mm	2.7
21	-	5.11	35 mm	2.7
21	-	5.11	40 mm	2.7
23	-	5.6	20 mm	2.94
23	-	5.6	25 mm	2.94
23	-	5.6	30 mm	2.94
23	-	5.6	35 mm	2.94
23	-	5.6	40 mm	2.94
25	-	6.09	20 mm	3.17
25	-	6.09	25 mm	3.17
25	-	6.09	30 mm	3.17
25	-	6.09	35 mm	3.17
25	-	6.09	40 mm	3.17

815 SPROCKETS & IDLERS

Drive, Return & Idler – 1 of 3

Sprockets and idler wheels for 815 chain, by number of teeth. Bore and keyway to customer specification. Material: Polyamide (machined); Polyamide reinforced (molded) · Screws: Stainless steel.



Sprocket Dimensions

SPLIT DRIVE SPROCKET, MACHINED

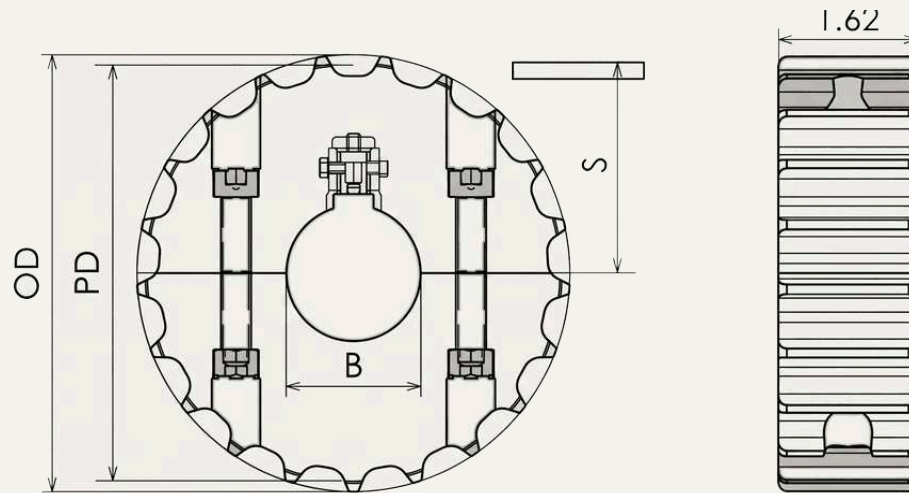
Teeth	Pitch Ø in	Outer Ø in	Bore	S in
17	4.15	4.09	1	2.20
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
19	4.62	4.61	1	2.44
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
21	5.09	5.08	1	2.67
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
23	5.56	5.60	1	2.90
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
25	6.03	6.06	1	3.14
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
27	6.50	6.57	1	3.38
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
29	6.98	7.03	1	3.61
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-

SPLIT IDLER SPROCKET, MACHINED [*PLAIN BORE]

Teeth	Pitch Ø in	Outer Ø in	Bore	S in
17	4.15	4.09	0.71*	2.20
-	-	-	1	-
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
19	4.62	4.61	0.71*	2.44
-	-	-	1	-
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
21	5.09	5.08	0.71*	2.67
-	-	-	1	-
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
23	5.56	5.60	0.71*	2.90
-	-	-	1	-
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
25	6.03	6.06	0.71*	3.14
-	-	-	1	-
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
27	6.50	6.57	0.71*	3.38
-	-	-	1	-
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
29	6.98	7.03	0.71*	3.61
-	-	-	1	-
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-

815 SPROCKETS & IDLERS

Drive, Return & Idler – 2 of 3



Sprocket Dimensions

SPLIT DRIVE SPROCKET, MOLDED

Teeth	Pitch ϕ in	Outer ϕ in	Bore	S in
21	5.09	5.08	1	2.67
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
23	5.56	5.60	1	2.90
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
25	6.03	6.06	1	3.14
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-

SPLIT IDLER SPROCKET, MOLDED

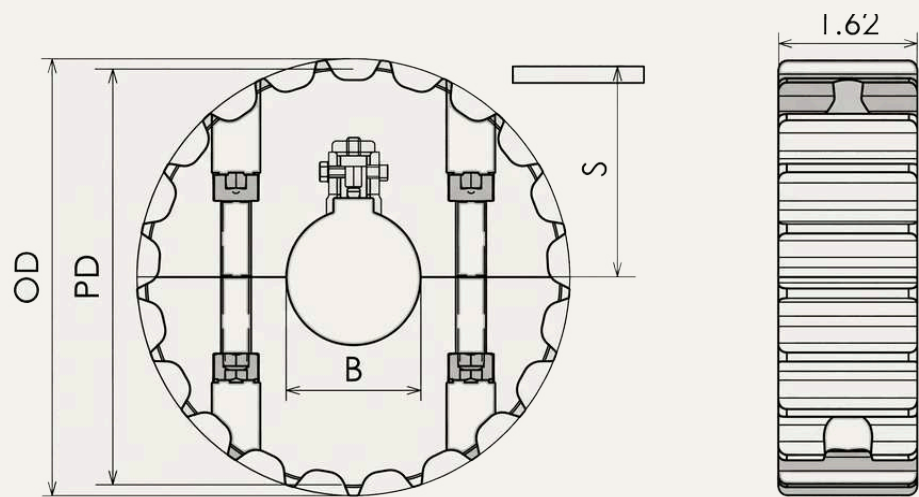
Teeth	Pitch ϕ in	Outer ϕ in	Bore	S in
21	5.09	5.08	1	2.67
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
23	5.56	5.60	1	2.90
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
25	6.03	6.06	1	3.14
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-

SPLIT SPROCKET WITH GUIDES, MACHINED (815)

Teeth	Pitch ϕ in	Outer ϕ in	Bore	S in	ϕ screw in
17	4.15	4.09	1	2.20	3.15
-	-	-	1.25	-	-
-	-	-	1.44	-	-
-	-	-	1.5	-	-
21	5.09	5.08	1	2.67	4.09
-	-	-	1.25	-	-
-	-	-	1.44	-	-
-	-	-	1.5	-	-
23	5.56	5.60	1	2.90	4.57
-	-	-	1.25	-	-
-	-	-	1.44	-	-
-	-	-	1.5	-	-
25	6.03	6.06	1	3.14	5.04
-	-	-	1.25	-	-
-	-	-	1.44	-	-
-	-	-	1.5	-	-

815 SPROCKETS & IDLERS

Drive, Return & Idler – 3 of 3



Sprocket Dimensions

SPLIT IDLER WHEEL, MACHINED - ALSO SUITABLE FOR SERIES 881 M - 820 - 831 - 828 - 879 M - 880

Outer Ø in	Bore	S in
4.09	0.79	2.21
-	1	-
-	1.25	-
-	1.44	-
-	1.5	-
4.61	0.79	2.46
-	1	-
-	1.25	-
-	1.44	-
-	1.5	-
5.11	0.79	2.7
-	1	-
-	1.25	-
-	1.44	-
-	1.5	-
5.6	0.79	2.94
-	1	-
-	1.25	-
-	1.44	-
-	1.5	-
6.09	0.79	3.17
-	1	-
-	1.25	-
-	1.44	-
-	1.5	-
6.58	0.79	3.48
-	1	-
-	1.25	-
-	1.44	-
-	1.5	-
7.06	0.79	3.65
-	1	-
-	1.25	-
-	1.44	-
-	1.5	-

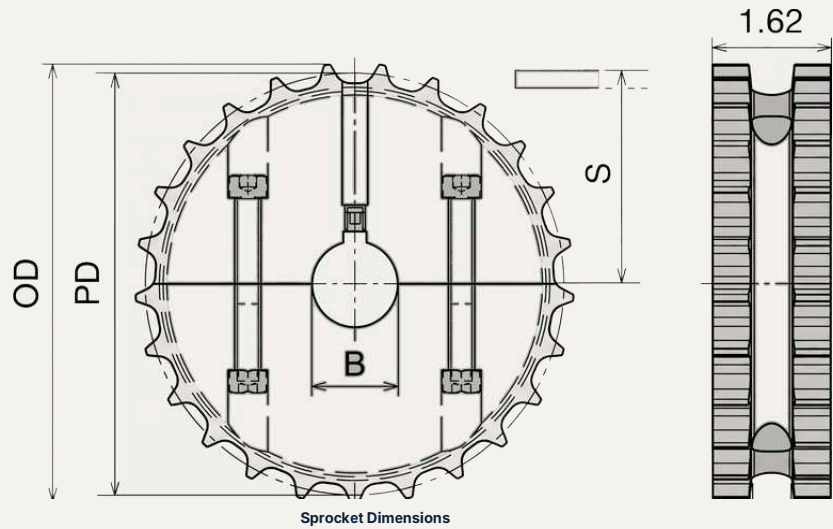
SPLIT IDLER WHEEL, MOLDED - DELIVERY STANDARD/ON REQUEST - USED ALSO FOR SERIES 881 - 820 - 831 - 828 - 879 - 880 - 880 M

Outer Ø in	Bore	S in
5.11	1	2.7
-	1.25	-
-	1.44	-
-	1.5	-
5.6	1	2.94
-	1.25	-
-	1.44	-
-	1.5	-
6.09	1	3.17
-	1.25	-
-	1.44	-
-	1.5	-

820 SPROCKETS & IDLERS

Drive, Return & Idler – 1 of 2

Sprockets and idler wheels for 820 chain, by number of teeth. Bore and keyway to customer specification. Material: Polyamide (machined); Polyamide reinforced (molded) · Screws: Stainless steel.



SPLIT DRIVE SPROCKET, MACHINED

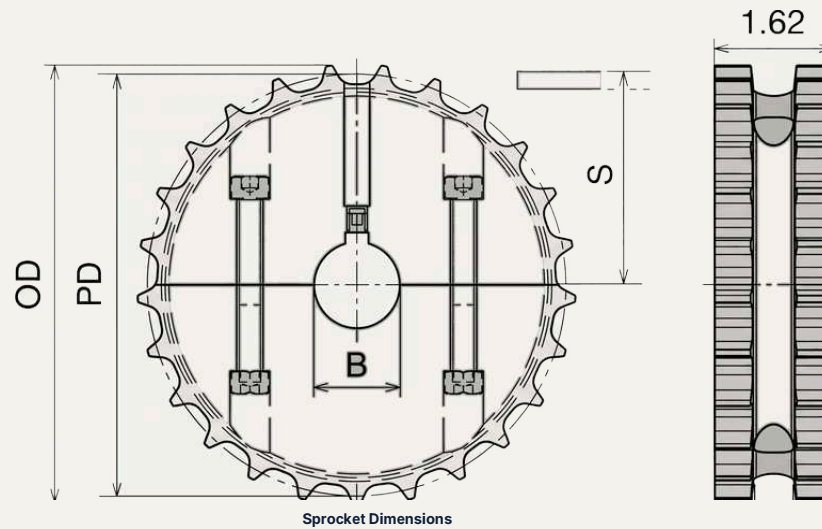
Teeth	Pitch Ø in	Outer Ø in	Bore	S in
17	4.15	4.09	1	2.20
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
19	4.62	4.61	1	2.44
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
21	5.09	5.08	1	2.67
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
23	5.56	5.60	1	2.90
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
25	6.03	6.06	1	3.14
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
27	6.50	6.57	1	3.38
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
29	6.98	7.03	1	3.61
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-

SPLIT IDLER SPROCKET, MACHINED [*PLAIN BORE]

Teeth	Pitch Ø in	Outer Ø in	Bore	S in
17	4.15	4.09	0.71*	2.20
-	-	-	1	-
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
19	4.62	4.61	0.71*	2.44
-	-	-	1	-
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
21	5.09	5.08	0.71*	2.67
-	-	-	1	-
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
23	5.56	5.60	0.71*	2.90
-	-	-	1	-
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
25	6.03	6.06	0.71*	3.14
-	-	-	1	-
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
27	6.50	6.57	0.71*	3.38
-	-	-	1	-
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
29	6.98	7.03	0.71*	3.61
-	-	-	1	-
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-

820 SPROCKETS & IDLERS

Drive, Return & Idler – 2 of 2



Sprocket Dimensions

SPLIT DRIVE SPROCKET, MOLDED

Teeth	Pitch ϕ in	Outer ϕ in	Bore	S in
21	5.09	5.08	1	2.67
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
23	5.56	5.60	1	2.90
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
25	6.03	6.06	1	3.14
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-

SPLIT IDLER SPROCKET, MOLDED

Teeth	Pitch ϕ in	Outer ϕ in	Bore	S in
21	5.09	5.08	1	2.67
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
23	5.56	5.60	1	2.90
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
25	6.03	6.06	1	3.14
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-

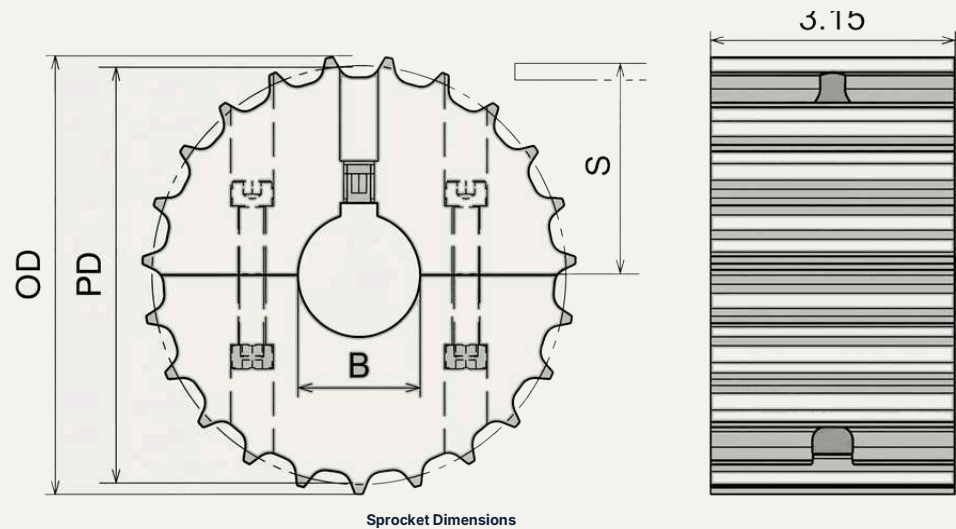
SPLIT SPROCKET WITH GUIDES, MACHINED (820)

Teeth	Pitch ϕ in	Outer ϕ in	Bore	S in	ϕ screw in
17	4.15	4.09	1	2.20	3.15
-	-	-	1.25	-	-
-	-	-	1.44	-	-
-	-	-	1.5	-	-
21	5.09	5.08	1	2.67	4.09
-	-	-	1.25	-	-
-	-	-	1.44	-	-
-	-	-	1.5	-	-
23	5.56	5.60	1	2.90	4.57
-	-	-	1.25	-	-
-	-	-	1.44	-	-
-	-	-	1.5	-	-
25	6.03	6.06	1	3.14	5.04
-	-	-	1.25	-	-
-	-	-	1.44	-	-
-	-	-	1.5	-	-

821 SPROCKETS & IDLERS

Drive, Return & Idler

Sprockets and idler wheels for 821 chain, by number of teeth. Bore and keyway to customer specification. Material: Polyamide · Screws: Stainless steel.



Sprocket Dimensions

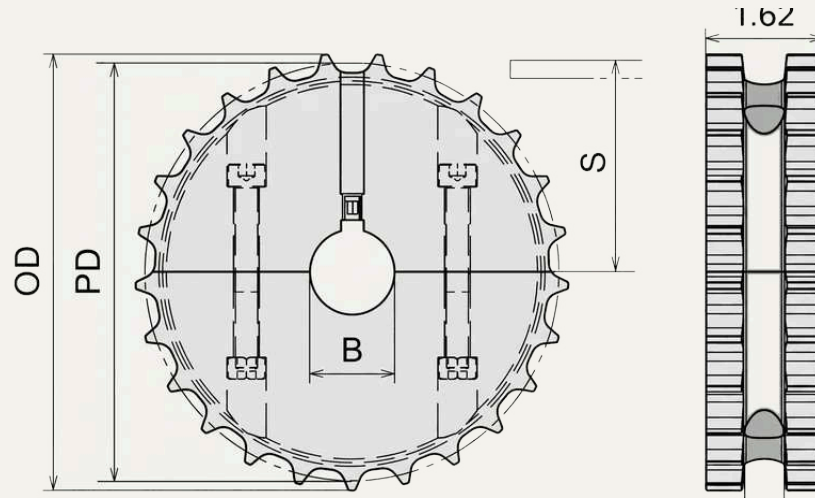
SPLIT IDLER WHEEL, MACHINED

Outer Ø in	Bore	S in
4.61	0.79	2.46
-	1	-
-	1.25	-
-	1.44	-
-	1.5	-
5.11	0.79	2.7
-	1	-
-	1.25	-
-	1.44	-
-	1.5	-
5.6	0.79	2.94
-	1	-
-	1.25	-
-	1.44	-
-	1.5	-
6.09	0.79	3.17
-	1	-
-	1.25	-
-	1.44	-
-	1.5	-

828, 831, 877, 878, 879, 880, 8800 SPROCKETS & IDLERS

Drive, Return & Idler

Sprockets and idler wheels for 828, 831, 877, 878, 879, 880, 8800 chain, by number of teeth. Bore and keyway to customer specification. Material: polyamide (natural white); screws in stainless steel, bushings in brass, DIN 6885 key seat. *Plain bore.



Sprocket Dimensions

MACHINED DRIVE SPROCKETS - SPLIT FIXED

Teeth	Pitch ϕ in	Outer ϕ in	Bore	S in
9	4.39	4.25	25 mm	2.33
9	4.39	4.25	30 mm	2.33
9	4.39	4.25	35 mm	2.33
9	4.39	4.25	40 mm	2.33
10	4.85	4.8	25 mm	2.57
10	4.85	4.8	30 mm	2.57
10	4.85	4.8	35 mm	2.57
10	4.85	4.8	40 mm	2.57
11	5.32	5.31	25 mm	2.8
11	5.32	5.31	30 mm	2.8
11	5.32	5.31	35 mm	2.8
11	5.32	5.31	40 mm	2.8
12	5.8	5.8	25 mm	3.04
12	5.8	5.8	30 mm	3.04
12	5.8	5.8	35 mm	3.04
12	5.8	5.8	40 mm	3.04

MACHINED RETURN SPROCKETS - SPLIT

Teeth	Pitch ϕ in	Outer ϕ in	Bore	S in
9	4.39	4.25	23 mm	2.33
9	4.39	4.25	25 mm	2.33
9	4.39	4.25	30 mm	2.33
9	4.39	4.25	35 mm	2.33
9	4.39	4.25	40 mm	2.33
10	4.85	4.8	23 mm	2.57
10	4.85	4.8	25 mm	2.57
10	4.85	4.8	30 mm	2.57
10	4.85	4.8	35 mm	2.57
10	4.85	4.8	40 mm	2.57
11	5.32	5.31	23 mm	2.8
11	5.32	5.31	25 mm	2.8
11	5.32	5.31	30 mm	2.8
11	5.32	5.31	35 mm	2.8
11	5.32	5.31	40 mm	2.8
12	5.8	5.8	23 mm	3.04
12	5.8	5.8	25 mm	3.04
12	5.8	5.8	30 mm	3.04
12	5.8	5.8	35 mm	3.04
12	5.8	5.8	40 mm	3.04

MOLDED DRIVE SPROCKETS - SPLIT FIXED

Teeth	Pitch ϕ in	Outer ϕ in	Bore	S in
10	4.85	4.8	25 mm	2.57
10	4.85	4.8	30 mm	2.57
10	4.85	4.8	35 mm	2.57
10	4.85	4.8	40 mm	2.57
12	5.8	5.8	25 mm	3.04
12	5.8	5.8	30 mm	3.04
12	5.8	5.8	35 mm	3.04
12	5.8	5.8	40 mm	3.04

MOLDED RETURN SPROCKETS - SPLIT

Teeth	Pitch ϕ in	Outer ϕ in	Bore	S in
10	4.85	4.8	25 mm	2.57
10	4.85	4.8	30 mm	2.57
10	4.85	4.8	35 mm	2.57
10	4.85	4.8	40 mm	2.57
12	5.8	5.8	25 mm	3.04
12	5.8	5.8	30 mm	3.04
12	5.8	5.8	35 mm	3.04
12	5.8	5.8	40 mm	3.04

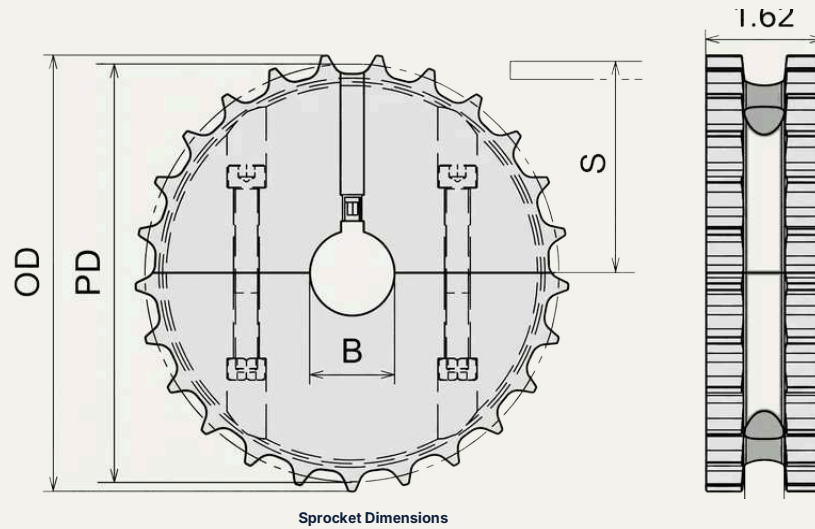
MOLDED IDLER WHEELS - ONE PIECE FOR NON TAB CHAINS

Teeth	Pitch ϕ in	Outer ϕ in	Bore	S in
8	-	4.17	25, 30, 35, 40 (options)	2.21
9	-	4.65	25, 30, 35, 40 (options)	2.46
10	-	5.11	25, 30, 35, 40 (options)	2.7
11	-	5.61	25, 30, 35, 40 (options)	2.94
12	-	6.1	25, 30, 35, 40 (options)	3.17

831 SPROCKETS & IDLERS

Drive, Return & Idler – 1 of 2

Sprockets and idler wheels for 831 chain, by number of teeth. Bore and keyway to customer specification. Material: Polyamide (machined); Polyamide reinforced (molded) · Screws: Stainless steel.



Sprocket Dimensions

SPLIT DRIVE SPROCKET, MACHINED

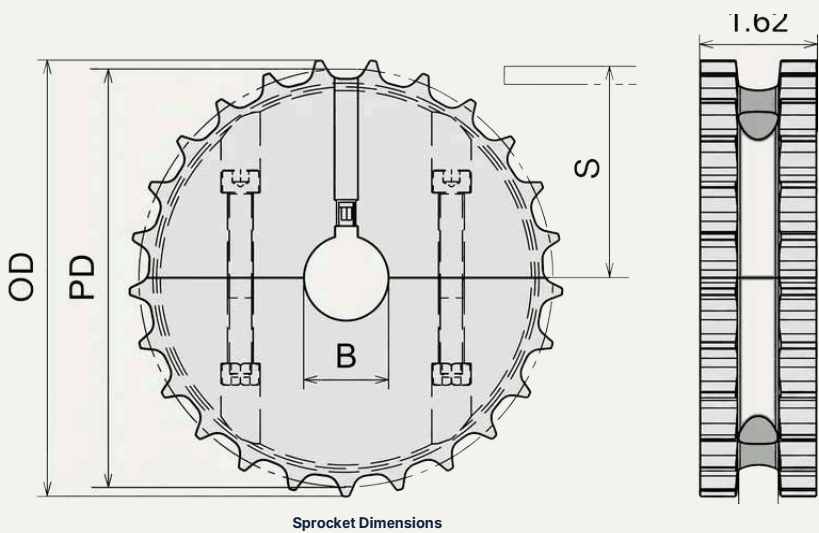
Teeth	Pitch Ø in	Outer Ø in	Bore	S in
17	4.15	4.09	1	2.16
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
19	4.62	4.61	1	2.40
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
21	5.09	5.08	1	2.64
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
23	5.56	5.60	1	2.87
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
25	6.03	6.06	1	3.11
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
27	6.50	6.57	1	3.35
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
29	6.98	7.03	1	3.58
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-

SPLIT IDLER SPROCKET, MACHINED [*PLAIN BORE]

Teeth	Pitch Ø in	Outer Ø in	Bore	S in
17	4.15	4.09	0.71*	2.16
-	-	-	1	-
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
19	4.62	4.61	0.71*	2.40
-	-	-	1	-
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
21	5.09	5.08	0.71*	2.64
-	-	-	1	-
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
23	5.56	5.60	0.71*	2.87
-	-	-	1	-
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
25	6.03	6.06	0.71*	3.11
-	-	-	1	-
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
27	6.50	6.57	0.71*	3.35
-	-	-	1	-
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
29	6.98	7.03	0.71*	3.58
-	-	-	1	-
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-

831 SPROCKETS & IDLERS

Drive, Return & Idler – 2 of 2



SPLIT DRIVE SPROCKET, MOLDED

Teeth	Pitch Ø in	Outer Ø in	Bore	S in
21	5.09	5.08	1	2.64
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
23	5.56	5.60	1	2.87
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
25	6.03	6.06	1	3.11
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-

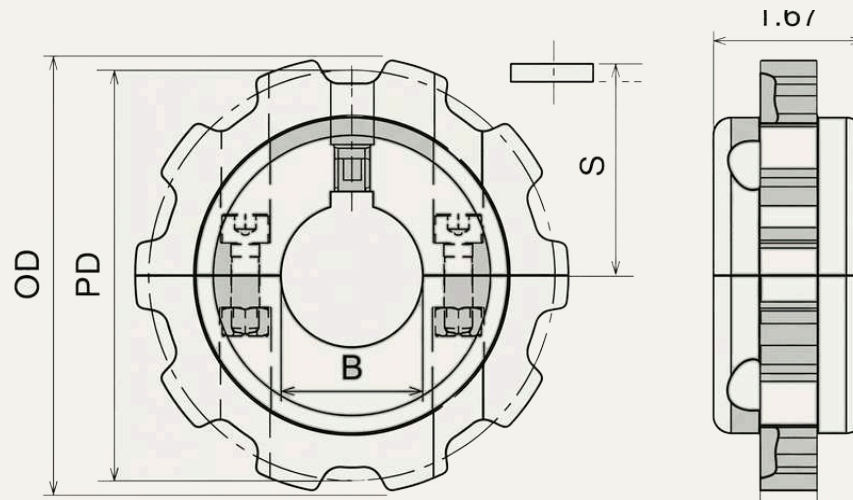
SPLIT IDLER SPROCKET, MOLDED

Teeth	Pitch Ø in	Outer Ø in	Bore	S in
21	5.09	5.08	1	2.64
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
23	5.56	5.60	1	2.87
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
25	6.03	6.06	1	3.11
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-

877, 878, 879, 880 SPROCKETS & IDLERS

Drive, Return & Idler

Sprockets and idler wheels for 877, 878, 879, 880 chain, by number of teeth. Bore and keyway to customer specification. Material: polyamide (natural white); screws in stainless steel, bushings in brass..



Sprocket Dimensions

MACHINED IDLER WHEELS - SPLIT

Teeth	Pitch Ø in	Outer Ø in	Bore	S in
9	-	4.61	25 mm	2.46
9	-	4.61	30 mm	2.46
9	-	4.61	35 mm	2.46
9	-	4.61	40 mm	2.46
10	-	5.11	25 mm	2.7
10	-	5.11	30 mm	2.7
10	-	5.11	35 mm	2.7
10	-	5.11	40 mm	2.7
11	-	5.6	25 mm	2.94
11	-	5.6	30 mm	2.94
11	-	5.6	35 mm	2.94
11	-	5.6	40 mm	2.94
12	-	6.09	25 mm	3.17
12	-	6.09	30 mm	3.17
12	-	6.09	35 mm	3.17
12	-	6.09	40 mm	3.17

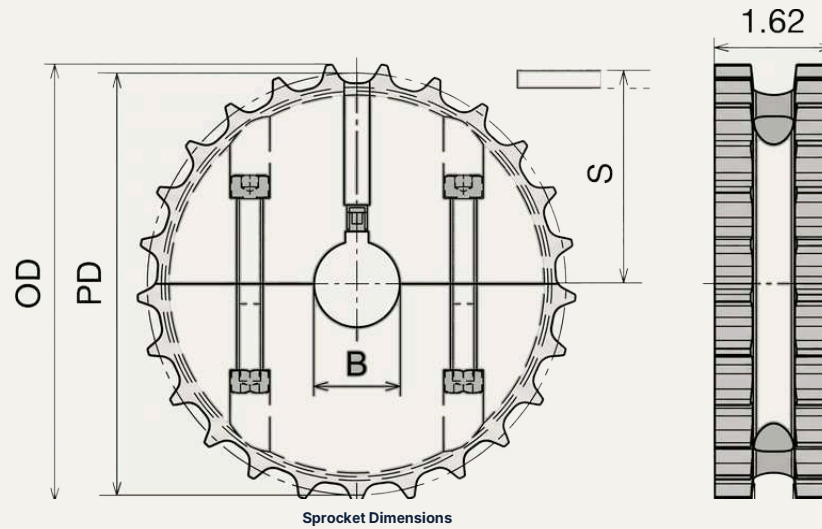
MOLDED IDLER WHEELS - ONE PIECE FOR TAB CHAINS

Teeth	Pitch Ø in	Outer Ø in	Bore	S in
9	-	4.65	25 mm	2.46
9	-	4.65	30 mm	2.46
9	-	4.65	35 mm	2.46
9	-	4.65	40 mm	2.46
10	-	5.11	25 mm	2.7
10	-	5.11	30 mm	2.7
10	-	5.11	35 mm	2.7
10	-	5.11	40 mm	2.7
11	-	5.61	25 mm	2.94
11	-	5.61	30 mm	2.94
11	-	5.61	35 mm	2.94
11	-	5.61	40 mm	2.94
12	-	6.1	25 mm	3.17
12	-	6.1	30 mm	3.17
12	-	6.1	35 mm	3.17
12	-	6.1	40 mm	3.17

878, 888 SPROCKETS & IDLERS

Drive, Return & Idler

Sprockets and idler wheels for 878, 888 chain, by number of teeth. Bore and keyway to customer specification. Material: Polyethylene UHMW-PE · Screws: Stainless steel (grub screws included).



DRIVE DISK, MACHINED - OPEN VERSION / ROUND BORE WITH KEYWAY (TANGENTIAL SPROCKETS, SUITABLE FOR 888 TAB)

Teeth	Bore
34	0.75
-	1
-	1.25
-	1.44
-	1.5

DRIVE DISK, MACHINED - CLOSED VERSION / ROUND BORE WITH KEYWAY

Teeth	Bore
34	0.75
-	1
-	1.25
-	1.44
-	1.5

IDLER DISK, MACHINED - OPEN VERSION / ROUND BORE

Teeth	Bore
34	0.75
-	1
-	1.25
-	1.44
-	1.5

IDLER DISK, MACHINED - CLOSED VERSION / ROUND BORE

Teeth	Bore
34	0.75
-	1
-	1.25
-	1.44
-	1.5

TURNING DISK, MACHINED - CARRY AND RETURN SIDE - OPEN VERSION / ROUND BORE (BEARINGS AND OIL SEAL INCLUDED)

Bore
1

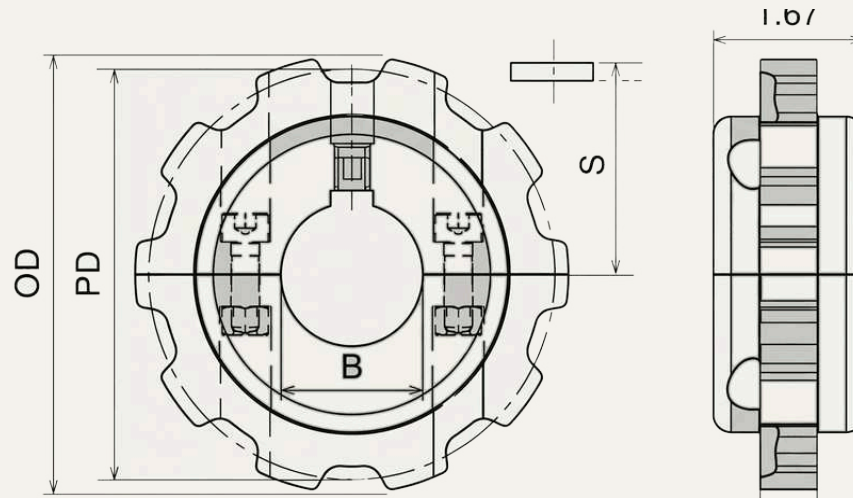
TURNING DISK, MACHINED - CARRY AND RETURN SIDE - CLOSED VERSION / ROUND BORE

Bore
1

880 SPROCKETS & IDLERS

Drive, Return & Idler – 1 of 2

Sprockets and idler wheels for 880 chain, by number of teeth. Bore and keyway to customer specification. Material: Polyamide (machined); Polyamide reinforced (molded) · Screws: Stainless steel.



Sprocket Dimensions

SPLIT DRIVE SPROCKET, MACHINED

Teeth	Pitch Ø in	Outer Ø in	Bore	S in
9	4.38	4.33	1	2.33
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
10	4.85	4.80	1	2.57
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
11	5.32	5.31	1	2.80
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
12	5.79	5.80	1	3.04
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-

SPLIT IDLER SPROCKET, MACHINED [*PLAIN BORE]

Teeth	Pitch Ø in	Outer Ø in	Bore	S in
9	4.38	4.33	0.71*	2.33
-	-	-	1	-
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
10	4.85	4.80	0.71*	2.57
-	-	-	1	-
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
11	5.32	5.31	0.71*	2.80
-	-	-	1	-
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
12	5.79	5.80	0.71*	3.04
-	-	-	1	-
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-

SPLIT DRIVE SPROCKET, MOLDED

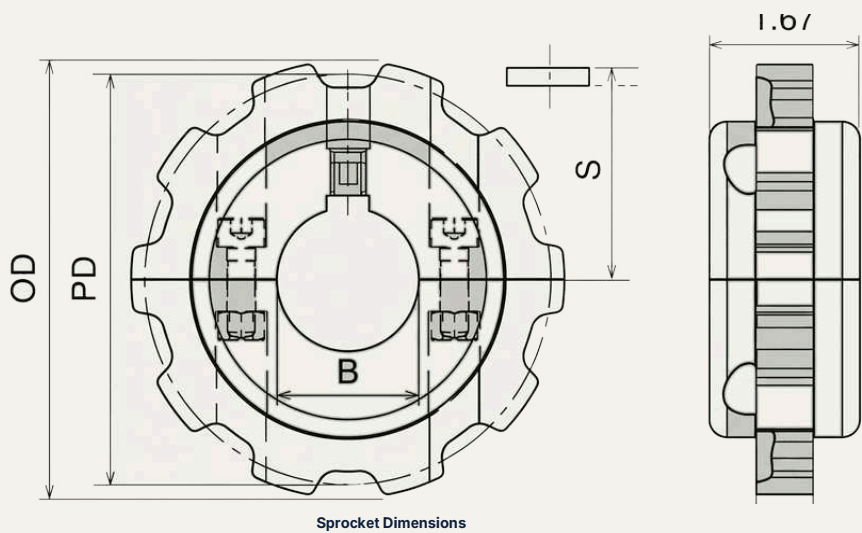
Teeth	Pitch Ø in	Outer Ø in	Bore	S in
10	4.85	4.80	1	2.57
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
12	5.79	5.80	1	3.04
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-

SPLIT IDLER SPROCKET, MOLDED

Teeth	Pitch Ø in	Outer Ø in	Bore	S in
10	4.85	4.80	1	2.57
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
12	5.79	5.80	1	3.04
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-

880 SPROCKETS & IDLERS

Drive, Return & Idler – 2 of 2



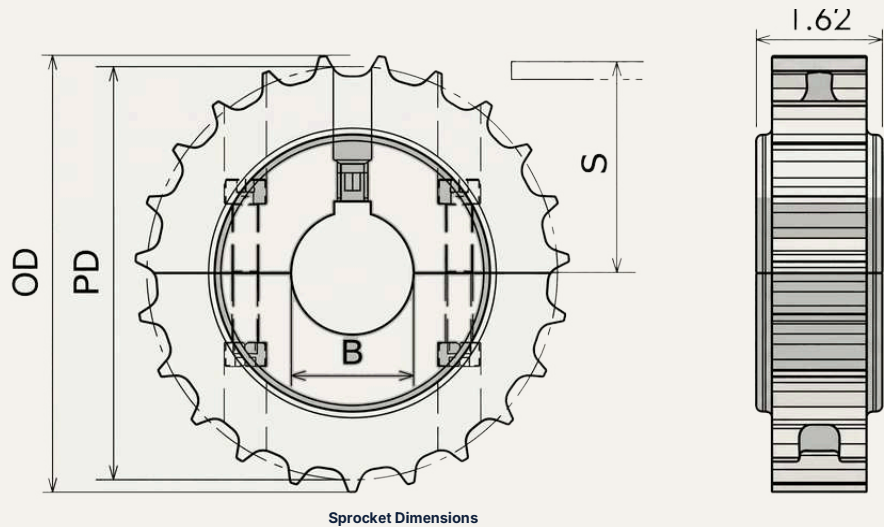
SPLIT IDLER WHEEL, MACHINED

Outer Ø in	Bore	S in
4.09	0.79	2.21
-	1	-
-	1.25	-
-	1.44	-
-	1.5	-
4.61	0.79	2.46
-	1	-
-	1.25	-
-	1.44	-
-	1.5	-
5.11	0.79	2.7
-	1	-
-	1.25	-
-	1.44	-
-	1.5	-
5.6	0.79	2.94
-	1	-
-	1.25	-
-	1.44	-
-	1.5	-
6.09	0.79	3.17
-	1	-
-	1.25	-
-	1.44	-
-	1.5	-
6.58	0.79	3.48
-	1	-
-	1.25	-
-	1.44	-
-	1.5	-
7.06	0.79	3.65
-	1	-
-	1.25	-
-	1.44	-
-	1.5	-

881 SPROCKETS & IDLERS

Drive, Return & Idler – 1 of 2

Sprockets and idler wheels for 881 chain, by number of teeth. Bore and keyway to customer specification. Material: Polyamide (machined); Polyamide reinforced (molded) · Screws: Stainless steel.



Sprocket Dimensions

SPLIT DRIVE SPROCKET, MACHINED

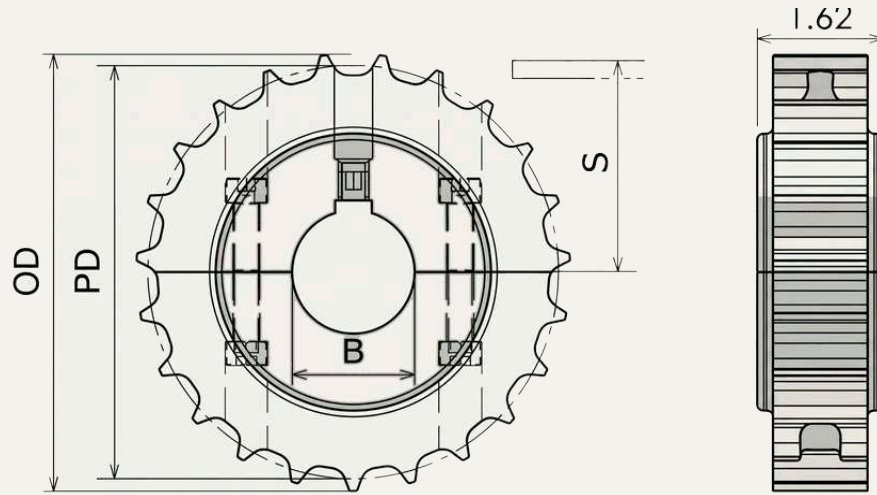
Teeth	Pitch Ø in	Outer Ø in	Bore	S in
17	4.15	4.09	1	2.20
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
19	4.62	4.61	1	2.44
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
21	5.09	5.08	1	2.67
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
23	5.56	5.60	1	2.90
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
25	6.03	6.06	1	3.14
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
27	6.50	6.57	1	3.38
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
29	6.98	7.03	1	3.61
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-

SPLIT IDLER SPROCKET, MACHINED [*PLAIN BORE]

Teeth	Pitch Ø in	Outer Ø in	Bore	S in
17	4.15	4.09	0.71*	2.20
-	-	-	1	-
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
19	4.62	4.61	0.71*	2.44
-	-	-	1	-
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
21	5.09	5.08	0.71*	2.67
-	-	-	1	-
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
23	5.56	5.60	0.71*	2.90
-	-	-	1	-
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
25	6.03	6.06	0.71*	3.14
-	-	-	1	-
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
27	6.50	6.57	0.71*	3.38
-	-	-	1	-
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
29	6.98	7.03	0.71*	3.61
-	-	-	1	-
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-

881 SPROCKETS & IDLERS

Drive, Return & Idler – 2 of 2



Sprocket Dimensions

SPLIT DRIVE SPROCKET, MOLDED

Teeth	Pitch ϕ in	Outer ϕ in	Bore	S in
21	5.09	5.08	1	2.67
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
23	5.56	5.60	1	2.90
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
25	6.03	6.06	1	3.14
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-

SPLIT IDLER SPROCKET, MOLDED

Teeth	Pitch ϕ in	Outer ϕ in	Bore	S in
21	5.09	5.08	1	2.67
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
23	5.56	5.60	1	2.90
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
25	6.03	6.06	1	3.14
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-

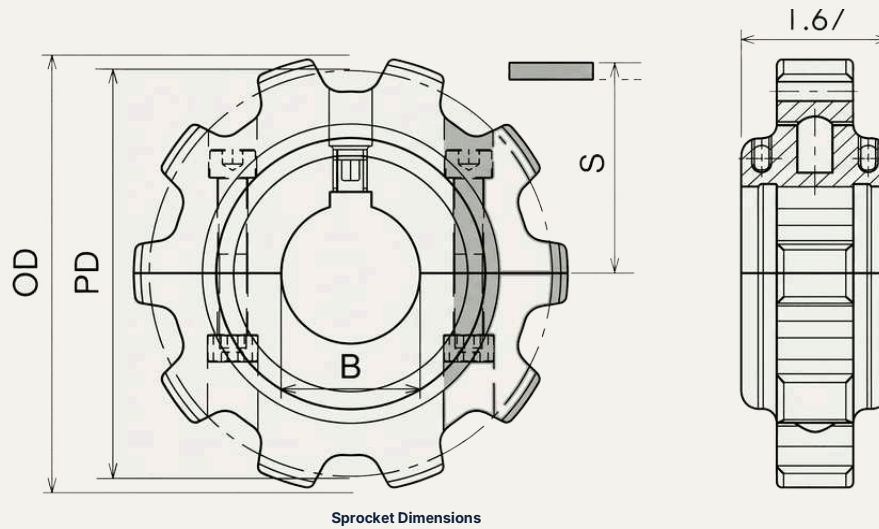
SPLIT IDLER WHEEL, MACHINED

Outer ϕ in	Bore	S in
4.09	0.79	2.21
-	1	-
-	1.25	-
-	1.44	-
-	1.5	-
4.61	0.79	2.46
-	1	-
-	1.25	-
-	1.44	-
-	1.5	-
5.11	0.79	2.7
-	1	-
-	1.25	-
-	1.44	-
-	1.5	-
5.6	0.79	2.94
-	1	-
-	1.25	-
-	1.44	-
-	1.5	-
6.09	0.79	3.17
-	1	-
-	1.25	-
-	1.44	-
-	1.5	-
6.58	0.79	3.48
-	1	-
-	1.25	-
-	1.44	-
-	1.5	-
7.06	0.79	3.65
-	1	-
-	1.25	-
-	1.44	-
-	1.5	-

882 SPROCKETS & IDLERS

Drive, Return & Idler

Sprockets and idler wheels for 882 chain, by number of teeth. Bore and keyway to customer specification. Material: Polyamide (machined); Polyamide reinforced (molded) · Screws: Stainless steel.



Sprocket Dimensions

SPLIT DRIVE SPROCKET, MACHINED

Teeth	Pitch Ø in	Outer Ø in	Bore	S in
9	4.38	4.41	1	2.38
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
10	4.85	4.92	1	2.61
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
11	5.32	5.39	1	2.85
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
12	5.79	5.87	1	3.09
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-

SPLIT DRIVE SPROCKET, MOLDED

Teeth	Pitch Ø in	Outer Ø in	Bore	S in
12	5.79	5.87	1	3.09
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-

SPLIT IDLER SPROCKET, MOLDED

Teeth	Pitch Ø in	Outer Ø in	Bore	S in
12	5.79	5.87	1	3.09
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-

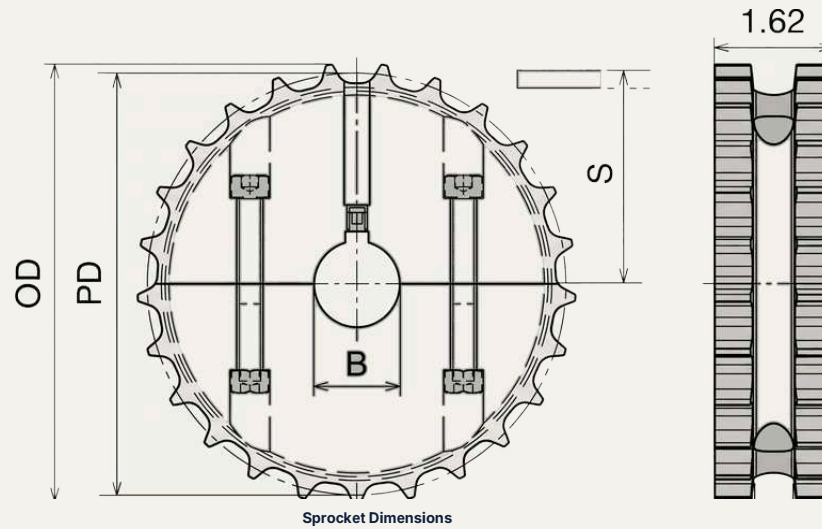
SPLIT IDLER SPROCKET, MACHINED [*PLAIN BORE]

Teeth	Pitch Ø in	Outer Ø in	Bore	S in
9	4.38	4.41	0.71*	2.38
-	-	-	1	-
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
10	4.85	4.92	0.71*	2.61
-	-	-	1	-
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
11	5.32	5.39	0.71*	2.85
-	-	-	1	-
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
12	5.79	5.87	0.71*	3.09
-	-	-	1	-
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-

765, 1701, 1706 SPROCKETS & IDLERS

Drive, Return & Idler – 1 of 2

Sprockets and idler wheels for 765, 1701, 1706 chain, by number of teeth. Bore and keyway to customer specification. Material: Polyamide - Screws: Stainless steel.



Sprocket Dimensions

SPLIT DRIVE SPROCKET, MACHINED (1701-1706-765 NO GAP)

Teeth	Pitch Ø in	Outer Ø in	Bore	S in
8	5.14	5.22	1	2.08
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
10	6.37	6.50	1	2.71
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
13	8.22	8.46	1	3.68
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-

SPLIT DRIVE SPROCKET, MACHINED

Teeth	Pitch Ø in	Outer Ø in	Bore	S in
8	5.14	5.22	1	2.08
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
10	6.37	6.5	1	2.71
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
13	8.22	8.46	1	3.68
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-

SPLIT IDLER SPROCKET, MACHINED (1701-1706-765 NO GAP) [*PLAIN BORE]

Teeth	Pitch Ø in	Outer Ø in	Bore	S in
8	5.14	5.22	0.71*	2.08
-	-	-	1	-
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
10	6.37	6.50	0.71*	2.71
-	-	-	1	-
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
13	8.22	8.46	0.71*	3.68
-	-	-	1	-
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-

SPLIT IDLER SPROCKET, MACHINED (*PLAIN BORE)

Teeth	Pitch Ø in	Outer Ø in	Bore	S in
8	5.14	5.22	0.71*	2.08
-	-	-	1	-
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
10	6.37	6.5	0.71*	2.71
-	-	-	1	-
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
13	8.22	8.46	0.71*	3.68
-	-	-	1	-
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-

TURNING DISK, MACHINED - CARRY SIDE - OPEN VERSION / ROUND BORE (BEARINGS AND OIL SEAL INCLUDED)

Bore
1

TURNING DISK, MACHINED - CARRY SIDE - CLOSED VERSION / ROUND BORE

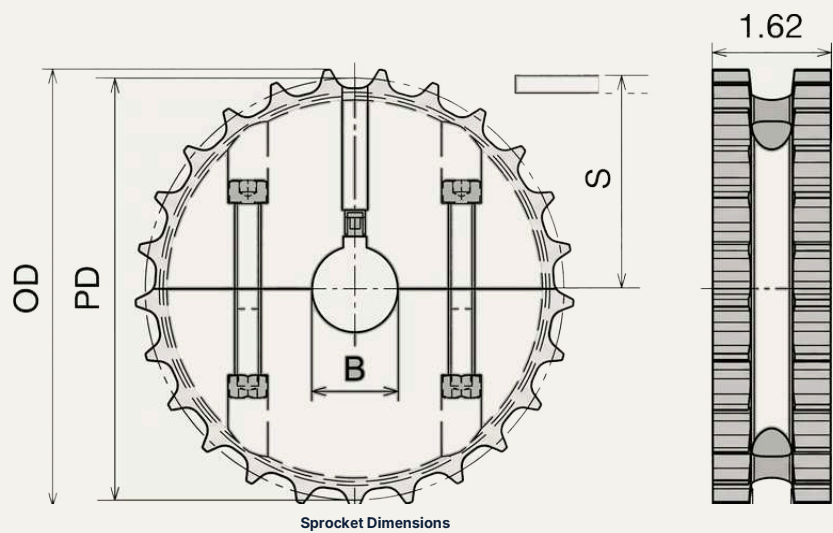
Bore
1

TURNING DISK, MACHINED - RETURN SIDE - OPEN VERSION / ROUND BORE

Bore
1

765, 1701, 1706 SPROCKETS & IDLERS

Drive, Return & Idler – 2 of 2



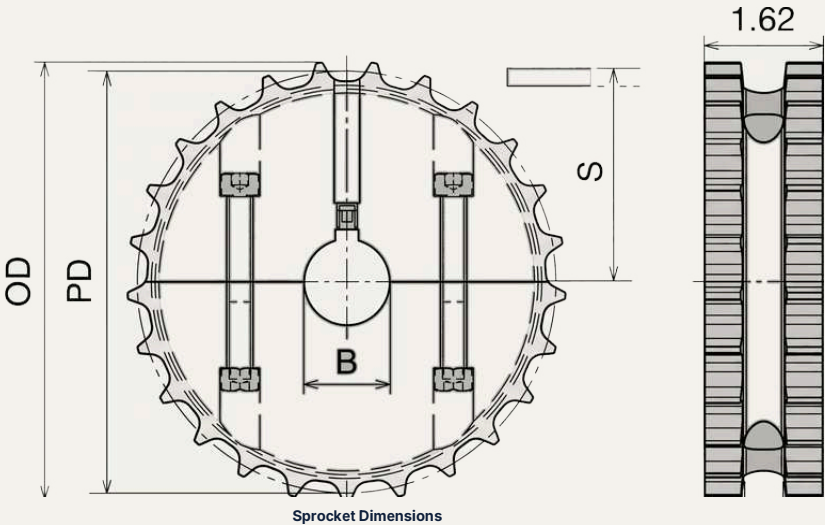
TURNING DISK, MACHINED - RETURN SIDE - CLOSED VERSION / ROUND BORE

Bore
1

765, 1706 SPROCKETS & IDLERS

Drive, Return & Idler

Sprockets and idler wheels for 765, 1706 chain, by number of teeth. Bore and keyway to customer specification. Material: Polyethylene UHMW-PE.



TURNING DISK, MACHINED - CARRY SIDE - OPEN VERSION / ROUND BORE
(BEARINGS AND OIL SEAL INCLUDED)

Bore
1

TURNING DISK, MACHINED - CARRY SIDE - CLOSED VERSION / ROUND BORE

Bore
1

TURNING DISK, MACHINED - RETURN SIDE - OPEN VERSION / ROUND BORE

Bore
1

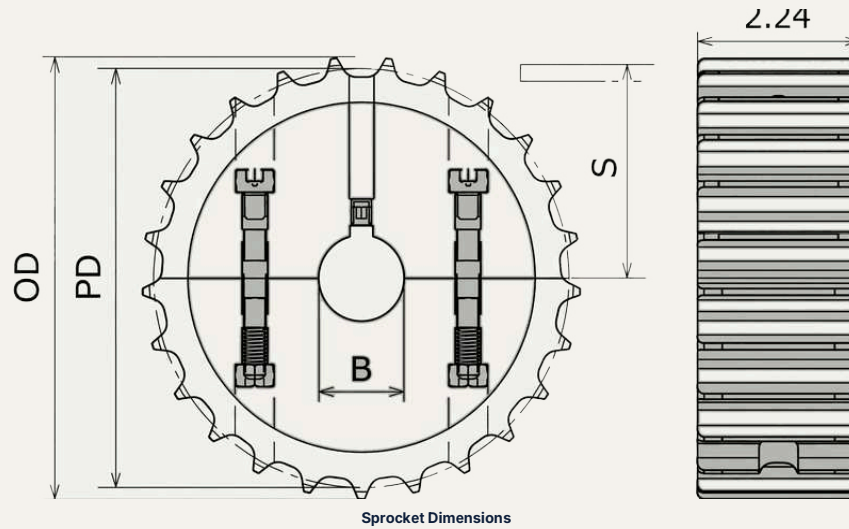
TURNING DISK, MACHINED - RETURN SIDE - CLOSED VERSION / ROUND BORE

Bore
1

8157 SPROCKETS & IDLERS

Drive, Return & Idler – 1 of 2

Sprockets and idler wheels for 8157 chain, by number of teeth. Bore and keyway to customer specification. Material: Polyamide · Screws: Stainless steel.



Sprocket Dimensions

SPLIT DRIVE SPROCKET, MACHINED

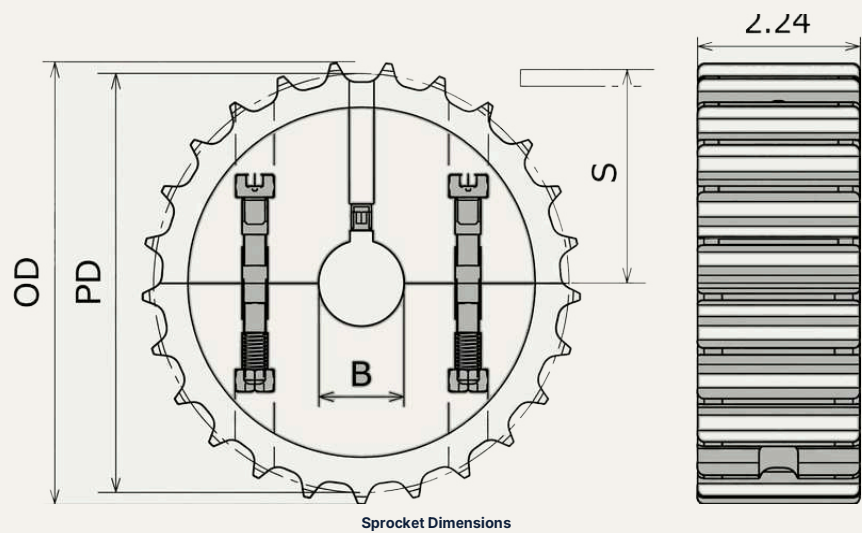
Teeth	Pitch Ø in	Outer Ø in	Bore	S in
17	4.15	4.09	1	2.20
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
19	4.62	4.61	1	2.44
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
21	5.09	5.08	1	2.67
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
23	5.56	5.60	1	2.90
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
25	6.03	6.06	1	3.14
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
27	6.50	6.57	1	3.38
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
29	6.98	7.03	1	3.61
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-

SPLIT IDLER SPROCKET, MACHINED [*PLAIN BORE]

Teeth	Pitch Ø in	Outer Ø in	Bore	S in
17	4.15	4.09	0.71*	2.20
-	-	-	1	-
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
19	4.62	4.61	0.71*	2.44
-	-	-	1	-
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
21	5.09	5.08	0.71*	2.67
-	-	-	1	-
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
23	5.56	5.60	0.71*	2.90
-	-	-	1	-
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
25	6.03	6.06	0.71*	3.14
-	-	-	1	-
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
27	6.50	6.57	0.71*	3.38
-	-	-	1	-
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
29	6.98	7.03	0.71*	3.61
-	-	-	1	-
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-

8157 SPROCKETS & IDLERS

Drive, Return & Idler – 2 of 2



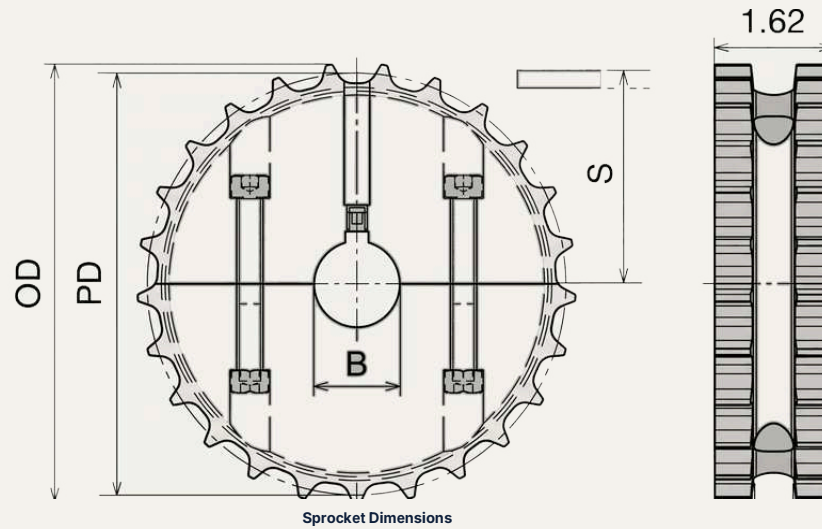
Sprocket Dimensions

SPLIT SPROCKET WITH GUIDES, MACHINED (8157)					
Teeth	Pitch ϕ in	Outer ϕ in	Bore	S in	ϕ screw in
17	4.15	4.09	1	2.20	3.15
-	-	-	1.25	-	-
-	-	-	1.44	-	-
-	-	-	1.5	-	-
21	5.09	5.08	1	2.67	4.09
-	-	-	1.25	-	-
-	-	-	1.44	-	-
-	-	-	1.5	-	-
23	5.56	5.60	1	2.90	4.57
-	-	-	1.25	-	-
-	-	-	1.44	-	-
-	-	-	1.5	-	-
25	6.03	6.06	1	3.14	5.04
-	-	-	1.25	-	-
-	-	-	1.44	-	-
-	-	-	1.5	-	-

83 M, 140 M SPROCKETS & IDLERS

Drive, Return & Idler

Sprockets and idler wheels for 83 M, 140 M chain, by number of teeth. Bore and keyway to customer specification. Material: Polyamide - Screws: Stainless steel.



Sprocket Dimensions

SPLIT DRIVE SPROCKET, MACHINED (83 M-140 M)

Teeth	Pitch Ø in	Outer Ø in	Bore	S in
9	4.09	4.25	1	2.44
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
12	5.40	5.57	1	3.03
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-

SPLIT IDLER SPROCKET, MACHINED (83 M-140 M) [*PLAIN BORE]

Teeth	Pitch Ø in	Outer Ø in	Bore	S in
9	4.09	4.25	0.71*	2.44
-	-	-	1	-
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
12	5.40	5.57	0.71*	3.03
-	-	-	1	-
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-

SPLIT DRIVE SPROCKET, MACHINED

Teeth	Pitch Ø in	Outer Ø in	Bore	S in
9	4.09	4.25	1	2.44
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
12	5.4	5.57	1	3.03
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-

SPLIT IDLER SPROCKET, MACHINED (*PLAIN BORE)

Teeth	Pitch Ø in	Outer Ø in	Bore	S in
9	4.09	4.25	0.71*	2.44
-	-	-	1	-
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
12	5.4	5.57	0.71*	3.03
-	-	-	1	-
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-

TURNING DISK, MACHINED - CARRY AND RETURN SIDE - OPEN VERSION / ROUND BORE

Bore
1

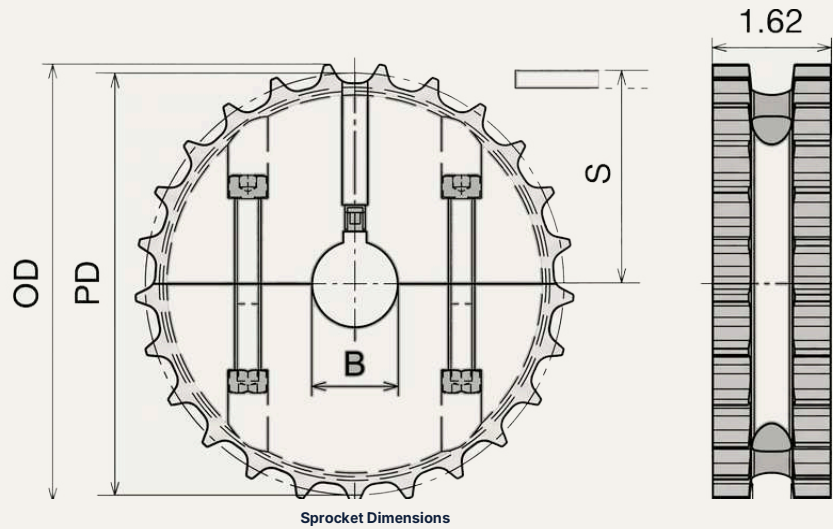
TURNING DISK, MACHINED - CARRY AND RETURN SIDE - CLOSED VERSION / ROUND BORE

Bore
1

103 M SPROCKETS & IDLERS

Drive, Return & Idler

Sprockets and idler wheels for 103 M chain, by number of teeth. Bore and keyway to customer specification. Material: Polyamide.



DRIVE SPROCKET, MOLDED (103 MF)

Teeth	Pitch Ø in	Outer Ø in	Bore	S in
12	5.09	5.69	1	3.25

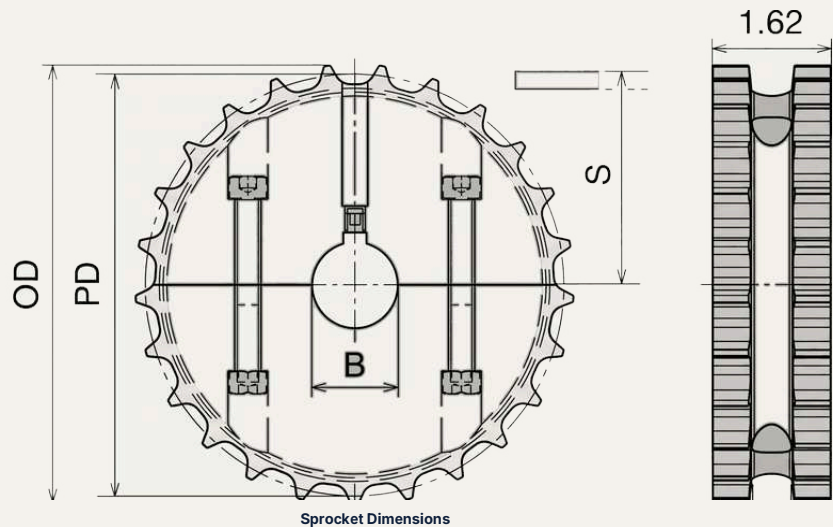
DRIVE SPROCKET, MOLDED

Teeth	Pitch Ø in	Outer Ø in	Bore	S in
12	5.09	5.69	1	3.25

140 M SPROCKETS & IDLERS

Drive, Return & Idler

Sprockets and idler wheels for 140 M chain, by number of teeth. Bore and keyway to customer specification. Material: Polyethylene UHMW-PE · Screws: Stainless steel (bearing and screws included).



TURNING DISK, MACHINED - CARRY AND RETURN SIDE - OPEN VERSION / ROUND BORE

Bore
1

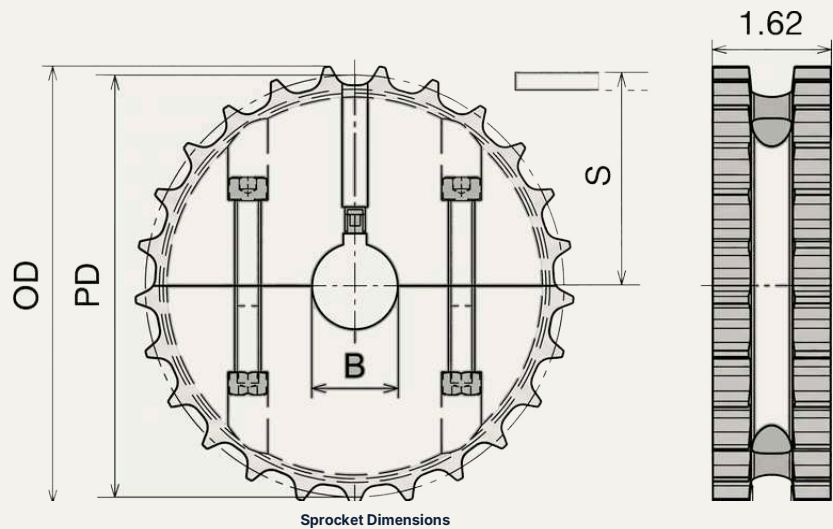
TURNING DISK, MACHINED - CARRY AND RETURN SIDE - CLOSED VERSION / ROUND BORE

Bore
1

103 M, 43 MF, 63 MF, 83 MF SPROCKETS & IDLERS

Drive, Return & Idler

Sprockets and idler wheels for 103 M, 43 MF, 63 MF, 83 MF chain, by number of teeth. Bore and keyway to customer specification. Material: Polyamide.



DRIVE SPROCKET, MOLDED (43 MF-63 MF)

Teeth	Pitch Ø in	Outer Ø in	Bore	S in
11	3.55	3.72	Ø.79	2.22

DRIVE SPROCKET, MOLDED

Teeth	Pitch Ø in	Outer Ø in	Bore	S in
11	3.55	3.72	Ø.79	2.22

DRIVE TURNING DISK, MOLDED - CARRY SIDE - OPEN VERSION / ROUND BORE (BEARINGS INCLUDED)

Bore
Ø.59 (15mm)

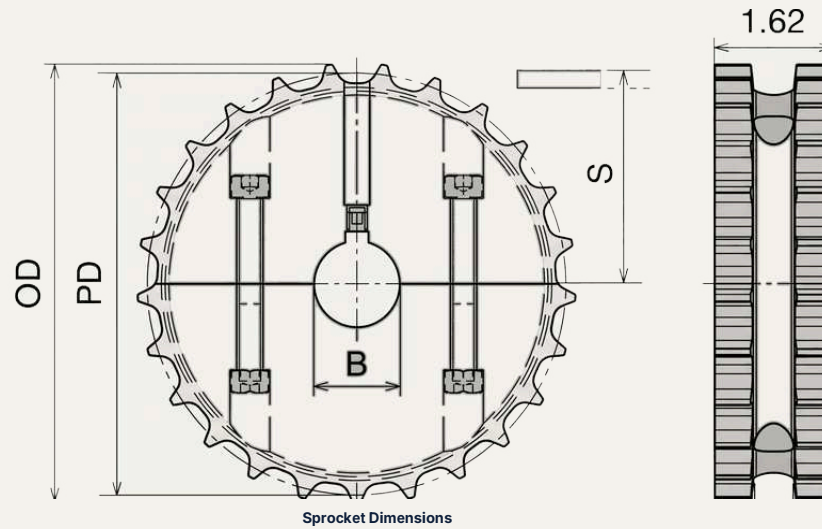
DRIVE TURNING DISK, MOLDED - CARRY SIDE - CLOSED VERSION / ROUND BORE

Bore
Ø.59 (15mm)

83 MF SPROCKETS & IDLERS

Drive, Return & Idler

Sprockets and idler wheels for 83 MF chain, by number of teeth. Bore and keyway to customer specification. Material: Polyamide.



DRIVE SPROCKET, MACHINED (83 MF)

Teeth	Pitch Ø in	Outer Ø in	Bore	S in
9	3.85	4.27	1	2.44
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
12	5.09	5.51	1	3.06
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-

IDLER SPROCKET, MACHINED (*PLAIN BORE)

Teeth	Pitch Ø in	Outer Ø in	Bore	S in
9	3.85	4.27	0.71*	2.44
-	-	-	1	-
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
12	5.09	5.51	0.71*	3.06
-	-	-	1	-
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-

IDLER SPROCKET, MACHINED (83 MF) [*PLAIN BORE]

Teeth	Pitch Ø in	Outer Ø in	Bore	S in
9	3.85	4.27	0.71*	2.44
-	-	-	1	-
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
12	5.09	5.51	0.71*	3.06
-	-	-	1	-
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-

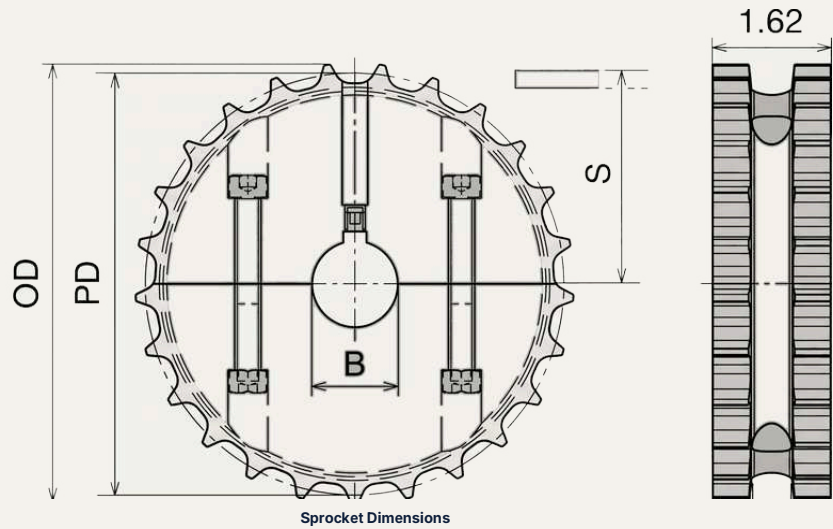
DRIVE SPROCKET, MACHINED

Teeth	Pitch Ø in	Outer Ø in	Bore	S in
9	3.85	4.27	1	2.44
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
12	5.09	5.51	1	3.06
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-

882 M SPROCKETS & IDLERS

Drive, Return & Idler

Sprockets and idler wheels for 882 M chain, by number of teeth. Bore and keyway to customer specification. Material: Polyamide · Screws: Stainless steel.



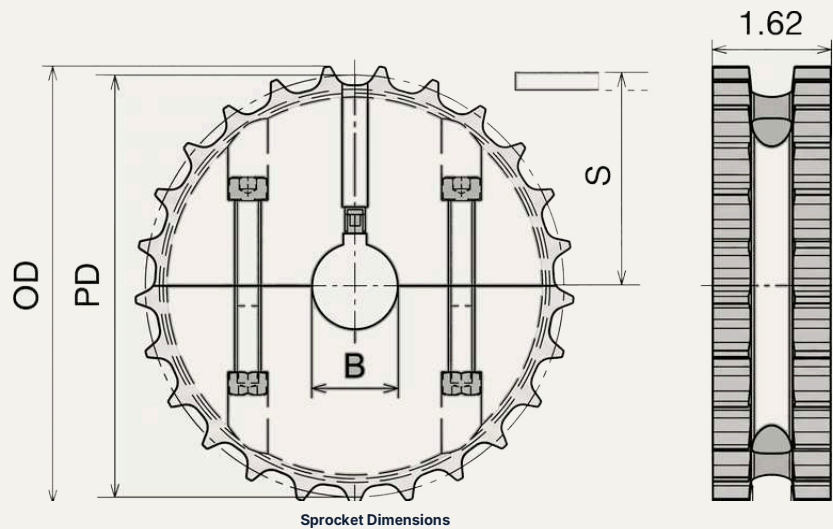
SPLIT IDLER WHEEL, MACHINED - ALSO SUITABLE FOR SERIES 8157 - 8257 - 8857 M - 8857 M GT

Outer Ø in	Bore	S in
4. 09	0. 79	2. 21
-	1	-
-	1. 25	-
-	1. 44	-
-	1. 5	-
4. 61	0. 79	2. 46
-	1	-
-	1. 25	-
-	1. 44	-
-	1. 5	-
5. 11	0. 79	2. 7
-	1	-
-	1. 25	-
-	1. 44	-
-	1. 5	-
5. 6	0. 79	2. 94
-	1	-
-	1. 25	-
-	1. 44	-
-	1. 5	-
6. 09	0. 79	3. 17
-	1	-
-	1. 25	-
-	1. 44	-
-	1. 5	-
6. 58	0. 79	3. 48
-	1	-
-	1. 25	-
-	1. 44	-
-	1. 5	-
7. 06	0. 79	3. 65
-	1	-
-	1. 25	-
-	1. 44	-
-	1. 5	-

CC 600 SPROCKETS & IDLERS

Drive, Return & Idler

Sprockets and idler wheels for CC 600 chain, by number of teeth. Bore and keyway to customer specification. Material: Polyamide · Screws: Stainless steel.



SPLIT IDLER SPROCKET, MACHINED (CC 600)

Teeth	Pitch Ø in	Outer Ø in	Bore	S in
8	6.53	6.77	0.79	2.75
10	8.07	8.46	0.79	3.52
12	9.69	10.08	0.79	4.33
14	11.26	11.69	0.79	5.12

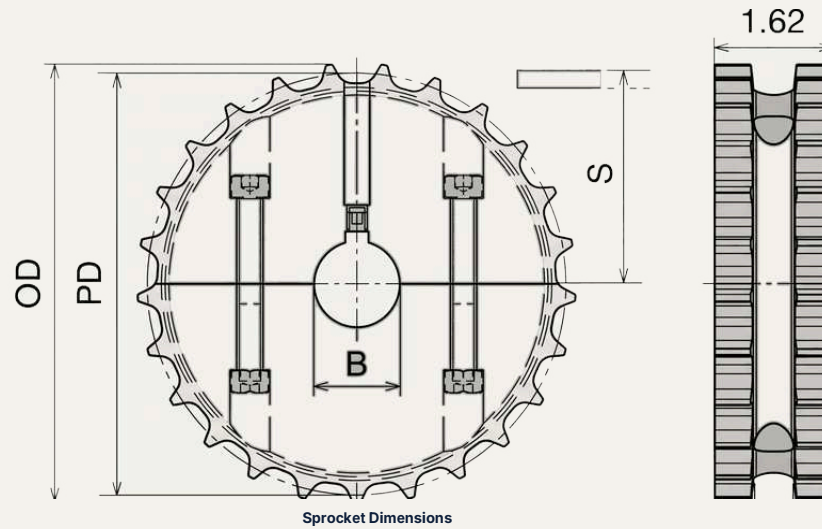
SPLIT IDLER SPROCKET, MACHINED - OTHER BORES AVAILABLE ON REQUEST

Teeth	Pitch Ø in	Outer Ø in	Bore	S in
8	6.53	6.77	0.79	2.75
10	8.07	8.46	0.79	3.52
12	9.69	10.08	0.79	4.33
14	11.26	11.69	0.79	5.12

CC 1400 SPROCKETS & IDLERS

Drive, Return & Idler

Sprockets and idler wheels for CC 1400 chain, by number of teeth. Bore and keyway to customer specification. Material: Polyamide · Screws: Stainless steel.



Sprocket Dimensions

IDLER SPROCKET, MACHINED (CC 1400)

Teeth	Pitch Ø in	Outer Ø in	Bore	S in
7	7.48	7.95	0.79	3.07
8	8.58	8.96	0.79	3.62
10	10.51	10.98	0.79	4.56

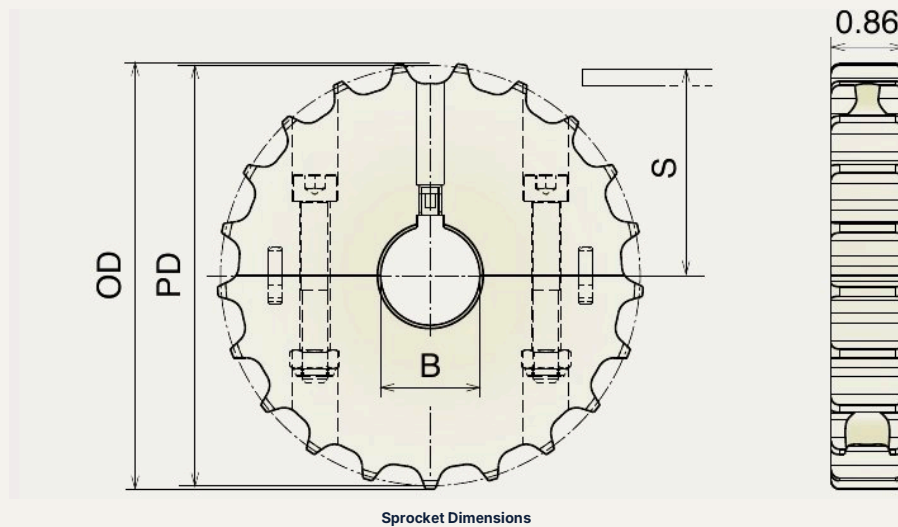
IDLER SPROCKET, MACHINED - OTHER BORES AVAILABLE ON REQUEST

Teeth	Pitch Ø in	Outer Ø in	Bore	S in
7	7.48	7.95	0.79	3.07
8	8.58	8.96	0.79	3.62
10	10.51	10.98	0.79	4.56

815 MINI SPROCKETS & IDLERS

Drive, Return & Idler

Sprockets and idler wheels for 815 MINI chain, by number of teeth. Bore and keyway to customer specification. Material: Polyamide - Screws: Stainless steel.



Sprocket Dimensions

SPLIT DRIVE SPROCKET, MACHINED (815 MINI)

Teeth	Pitch Ø in	Outer Ø in	Bore	S in
19	4.62	4.60	1	2.43
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
21	5.09	5.08	1	2.67
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
23	5.56	5.59	1	2.90
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
25	6.03	6.06	1	3.14
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-

SPLIT DRIVE SPROCKET, MACHINED

Teeth	Pitch Ø in	Outer Ø in	Bore	S in
19	4.62	4.6	1	2.43
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
21	5.09	5.08	1	2.67
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
23	5.56	5.59	1	2.9
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
25	6.03	6.06	1	3.14
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-

SPLIT IDLER SPROCKET, MACHINED (815 MINI) [*PLAIN BORE]

Teeth	Pitch Ø in	Outer Ø in	Bore	S in
19	4.62	4.60	0.71*	2.43
-	-	-	1	-
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
21	5.09	5.08	0.71*	2.67
-	-	-	1	-
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
23	5.56	5.59	0.71*	2.90
-	-	-	1	-
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
25	6.03	6.06	0.71*	3.14
-	-	-	1	-
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-

SPLIT IDLER SPROCKET, MACHINED (*PLAIN BORE)

Teeth	Pitch Ø in	Outer Ø in	Bore	S in
19	4.62	4.6	0.71*	2.43
-	-	-	1	-
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
21	5.09	5.08	0.71*	2.67
-	-	-	1	-
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
23	5.56	5.59	0.71*	2.9
-	-	-	1	-
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-
25	6.03	6.06	0.71*	3.14
-	-	-	1	-
-	-	-	1.25	-
-	-	-	1.44	-
-	-	-	1.5	-

REGULATORY & ORDERING INFORMATION

Applies to every series in this catalogue

Food and Drug Administration (FDA) approved materials comply with FDA 21 CFR § 177 for direct food contact.

Chain strength is quoted at room temperature. NR = not recommended.

Stocked in 10 ft (3.048 m) strands; other lengths made to order. Standard pins are stainless steel; thermoplastic pins are made to order.

Non-standard grades are non-returnable and may carry a minimum order quantity and setup charge.

Dry-PT, Platinum Series and Platinum Series X are proprietary grade designations of their respective manufacturers and are listed here for cross-reference.