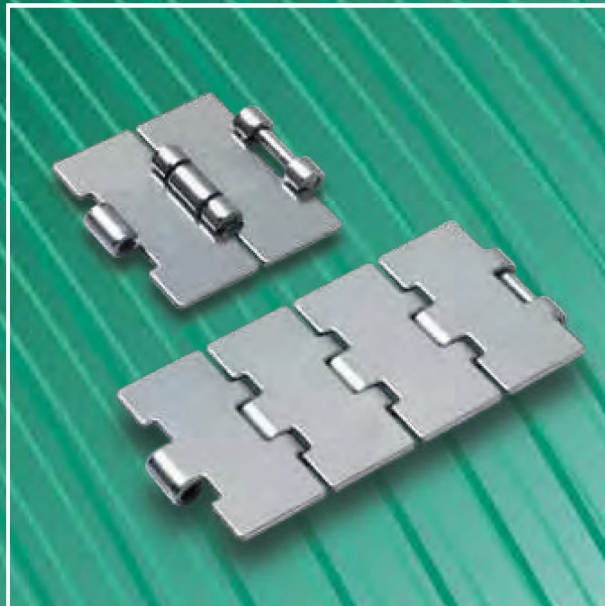




FliteTop[®]

Steel Chains



CARBON STEEL CHAINS

APPLICATIONS (only dry running):

- Glass manufacturing
- Automotive /mechanical
- General purpose conveyors
- Heavy loads and abrasive surfaces

STAINLESS STEEL CHAINS

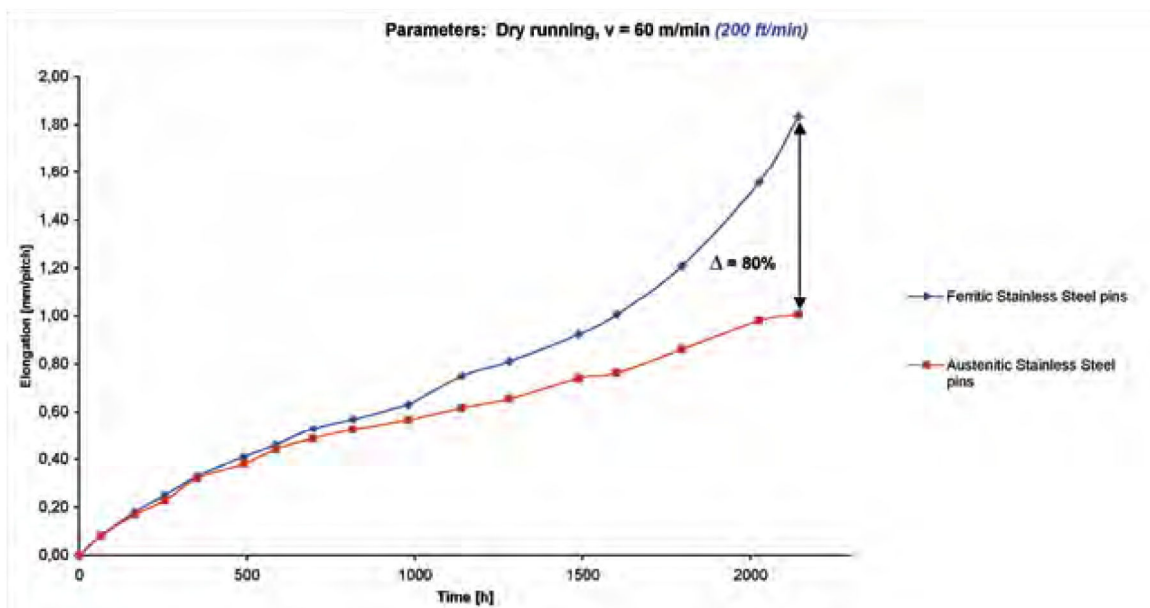
APPLICATIONS:

- New glass bottle
- Returnable glass bottle
- Glass manufacturing
- Keg line
- Crate conveyors
- General purpose conveying



BENEFITS:

- Very good flatness and surface finish
- High wear resistance (special alloys)
- Reduced transversal and longitudinal gaps (Prima chains)
- For stainless steel chains: austenitic stainless steel pins guarantee high wear resistance for less chain elongation





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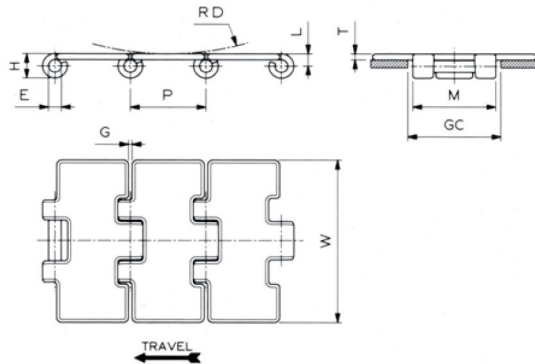
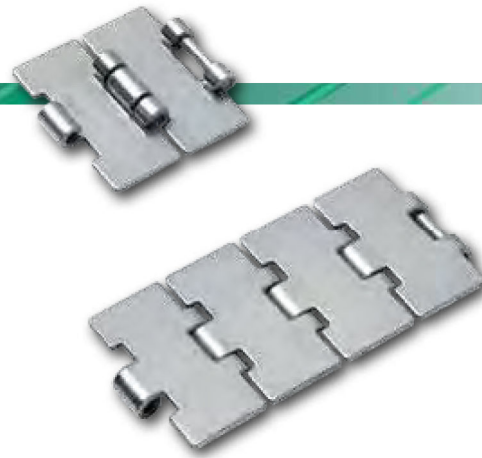
STRAIGHT RUNNING STEEL CHAIN

915 SERIES

- SINGLE HINGE
- PLATE GAP 1,6 mm

- Plate Materials **S** **SS-4** **SS**

- Pin Material: Case hardened steel (for carbon steel chains)
Cold rolled austenitic stainless steel (for stainless steel chains)



Dimension	mm	inches
P	38,1	1.5
T	3	.118
M	42	1.654
L	6,4	.252
H	13	.512
E	6,35	.25
RD	150	5.906
GC	44	1.732

915 (Straight Running - Single Hinge)



Materials
see page 12



Sprockets
see pages 183÷187



Applications
see page 16

REGINA PART NUMBER	CHAIN WIDTH W		GAP G		SURFACE FINISH Ra μm	YIELD LOAD AVERAGE		CHAIN WEIGHT		MATERIAL
	mm	Inches	mm	Inches		N	lbs	kg/m	lbs/ft	
S 915 K 3 ¼	82,6	3.25	1,6	0.063	-	12300	2,768	2,73	1.83	CARBON STEEL (S)
S 915 K 4	101,6	4.00	1,6	0.063	-	12300	2,768	3,20	2.15	
S 915 K 4 ½	114,3	4.50	1,6	0.063	-	12300	2,768	3,48	2.34	
S 915 K 6	152,4	6.00	1,6	0.063	-	12300	2,768	4,38	2.94	
S 915 K 7 ½	190,5	7.50	1,6	0.063	-	12300	2,768	5,27	3.54	
SS 915-4 K 3 ¼	82,6	3.25	1,6	0.063	0,3	5800	1,305	2,52	1.69	FERRITIC STAINLESS STEEL (SS-4)
SS 915-4 K 83,8	83,8	3.30	1,6	0.063	0,3	5800	1,305	2,55	1.71	
SS 915-4 K 4 ½	114,3	4.50	1,6	0.063	0,3	5800	1,305	3,21	2.16	
SS 915-4 K 7 ½	190,5	7.50	1,6	0.063	0,3	5800	1,305	4,87	3.27	
SS 915 K 3 ¼	82,6	3.25	1,6	0.063	0,4	5600	1,260	2,73	1.83	AUSTENITIC STAINLESS STEEL (SS)
SS 915 K 4	101,6	4.00	1,6	0.063	0,4	5600	1,260	3,20	2.15	
SS 915 K 4 ½	114,3	4.50	1,6	0.063	0,4	5600	1,260	3,48	2.34	
SS 915 K 6	152,4	6.00	1,6	0.063	0,4	5600	1,260	4,38	2.94	
SS 915 K 7 ½	190,5	7.50	1,6	0.063	0,4	5600	1,260	5,27	3.54	

Standard length: 3,048 m (10 feet)



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STRAIGHT RUNNING STEEL CHAIN

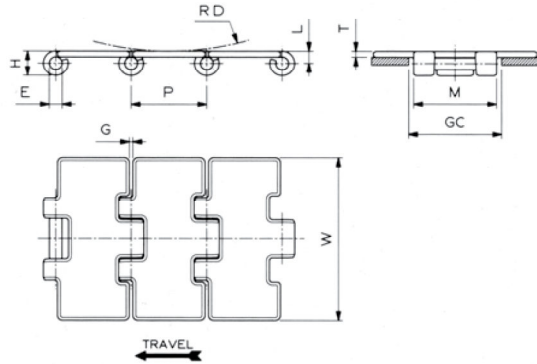
915 SERIES

- SINGLE HINGE
- PLATE GAP 1,6 mm

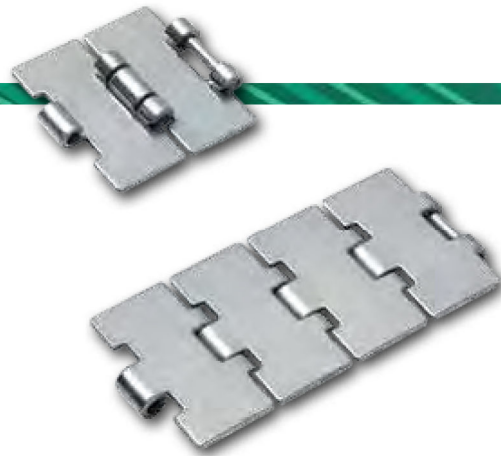
- Plate Materials **P**

- Pin Material: Cold rolled austenitic stainless steel (for 915 Series)
Hardened martensitic stainless steel (for HD 915 Series)

XP series: brushed hinges for inliners/inclined combiners



Dimension	mm	inches
P	38,1	1.5
T	3	.118
M	42	1.654
L	6,4	.252
H	13	.512
E	6,35	.25
RD	150	5.906
GC	44	1.732



915 (Straight Running - Single Hinge)



Materials
see page 12



Sprockets
see pages 183÷187



Applications
see page 16

REGINA PART NUMBER	CHAIN WIDTH W		GAP G		SURFACE FINISH Ra	YIELD LOAD AVERAGE		CHAIN WEIGHT		MATERIAL
	mm	inches	mm	inches		N	lbs	kg/m	lbs/ft	
P 915 K 2 ¼	57,1	2.25	1,6	0.063	0,3	8500	1,913	2,00	1.34	PRIMA (P)
P 915 K 2 ½	63,5	2.50	1,6	0.063	0,3	8500	1,913	2,14	1.44	
P 915 K 2 ¾	66,7	2.63	1,6	0.063	0,3	8500	1,913	2,21	1.49	
P 915 K 3 ¼	82,6	3.25	1,6	0.063	0,3	8500	1,913	2,57	1.73	
P 915 K 3,8	83,8	3.30	1,6	0.063	0,3	8500	1,913	2,60	1.75	
P 915 K 3 ½	88,9	3.50	1,6	0.063	0,3	8500	1,913	2,71	1.82	
P 915 K 4	101,6	4.00	1,6	0.063	0,3	8500	1,913	2,99	2.00	
P 915 K 4 ½	114,3	4.50	1,6	0.063	0,3	8500	1,913	3,28	2.20	
P 915 K 6	152,4	6.00	1,6	0.063	0,3	8500	1,913	4,13	2.78	
P 915 K 7 ½	190,5	7.50	1,6	0.063	0,3	8500	1,913	4,98	3.35	
XP 915 K 3 ¼	82,6	3.25	1,6	0.063	0,2	8500	1,913	2,57	1.73	
XP 915 K 3,8	83,8	3.30	1,6	0.063	0,2	8500	1,913	2,60	1.75	

Standard length: 3,048 m (10 feet)



Materials
see page 12



Sprockets
see pages 183÷187



Applications
see page 16

HD 915 (Straight Running - Single Hinge - Increased Pin Hardness)

REGINA PART NUMBER	CHAIN WIDTH W		GAP G		SURFACE FINISH Ra	YIELD LOAD AVERAGE		CHAIN WEIGHT		MATERIAL
	mm	inches	mm	inches		N	lbs	kg/m	lbs/ft	
PHD 915 K 3 ¼	82,6	3.25	1,6	0.063	0,3	8500	1,913	2,57	1.73	PRIMA (P)
PHD 915 K 3,8	83,8	3.30	1,6	0.063	0,3	8500	1,913	2,60	1.75	
PHD 915 K 4 ½	114,3	4.50	1,6	0.063	0,3	8500	1,913	3,28	2.20	
PHD 915 K 7 ½	190,5	7.50	1,6	0.063	0,3	8500	1,913	4,98	3.35	

Standard length: 3,048 m (10 feet)



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STRAIGHT RUNNING STEEL CHAIN

2815 SERIES

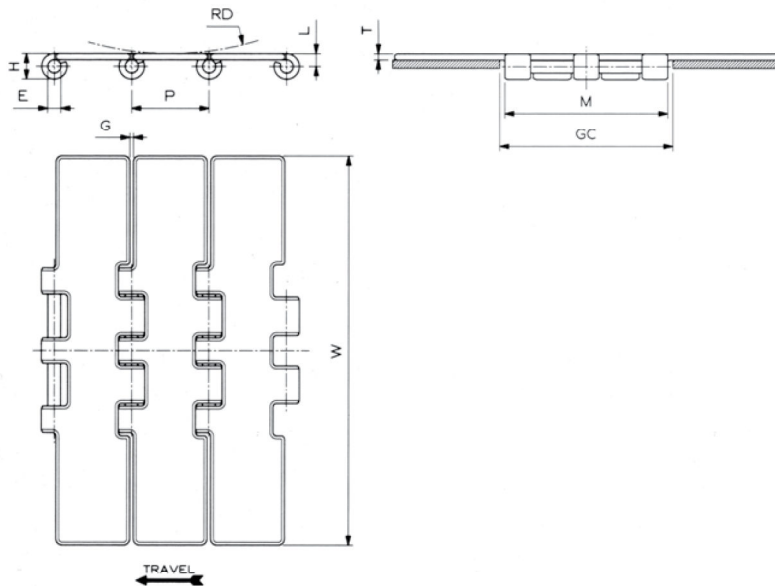
- DOUBLE HINGE

- Plate Materials

S **SS-4** **P** **SS**

- Pin Material:

Case hardened steel (for carbon steel chains)
Cold rolled austenitic stainless steel (for stainless steel chains)



Dimension	mm	inches
P	38,1	1.5
T	3	.118
M	80	3.15
L	6,4	.252
H	13	.512
E	6,35	.25
RD	150	5.906
GC	82,5	3.248



Materials
see page 12



Sprockets
see pages 188÷190



Applications
see page 16

2815 (Straight Running - Double Hinge)

REGINA PART NUMBER	CHAIN WIDTH W		GAP G		SURFACE FINISH Ra µm	YIELD LOAD AVERAGE		CHAIN WEIGHT		MATERIAL
	mm	inches	mm	inches		N	lbs	kg/m	lbs/ft	
S 2815 K 7 ½	190,5	7.50	1,8	0.071	-	18000	4,050	5,90	3.96	CARBON STEEL (S)
SS 2815 K 7 ½	190,5	7.50	1,8	0.071	0,3	10300	2,318	5,40	3.62	FERRITIC STAINLESS STEEL (SS-4)
P 2815 K 7 ½	190,5	7.50	1,8	0.071	0,3	15000	3,375	5,62	3.77	PRIMA (P)
SS 2815 K 7 ½	190,5	7.50	1,8	0.071	0,4	10600	2,385	5,40	3.62	AUSTENITIC STAINLESS STEEL (SS)

Standard length: 3,048 m (10 feet)



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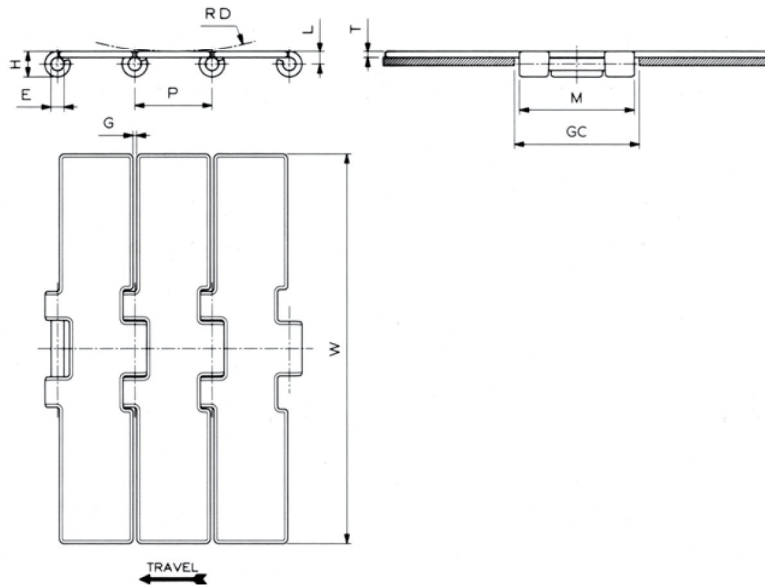


STRAIGHT RUNNING STEEL CHAIN

HD 9157 SERIES

- HEAVY DUTY SINGLE HINGE
- INCREASED PIN HARDNESS

- Plate Materials P
- Pin Material: Hardened martensitic stainless steel



Dimension	mm	inches
P	38,1	1.5
T	3	.118
M	57	2.244
L	6,4	.252
H	13	.512
E	6,35	.25
RD	150	5.906
GC	60	2.362



Materials
see page 12



Sprockets
see page 191



Applications
see page 16

HD 9157 (Straight Running - Heavy Duty Single Hinge - Increased Pin Hardness)

REGINA PART NUMBER	CHAIN WIDTH W		GAP G		SURFACE FINISH Ra	YIELD LOAD AVERAGE		CHAIN WEIGHT		MATERIAL
	mm	inches	mm	inches		N	lbs	kg/m	lbs/ft	
PHD 9157 K 7 ½	190,5	7.50	1,6	0.063	0,3	10500	2,363	5,28	3.55	PRIMA (P)

Standard length: 3,048 m (10 feet)



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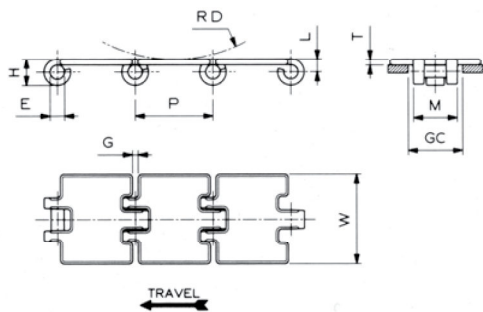
STRAIGHT RUNNING STEEL CHAIN

803 SERIES

• MINI HINGE

- Plate Materials P

- Pin Material: Cold rolled austenitic stainless steel



Dimension	mm	inches
P	38,1	1.5
T	3	.118
M	22	.866
L	6,4	.252
H	13	.512
E	6,35	.25
RD	75	2.953
GC	24	.945

803 (Straight Running - Mini Hinge)



Materials
see page 12



Sprockets
see page 192



Applications
see page 16

REGINA PART NUMBER	CHAIN WIDTH W		GAP G	SURFACE FINISH Ra	YIELD LOAD AVERAGE		CHAIN WEIGHT		MATERIAL
	mm	inches			N	lbs	kg/m	lbs/ft	
P 803 K 1 ¼	31,8	1.25	2,8	0.110	0,3	4100	923	1,07	0.72
P 803 K 1 ¾	44,5	1.75	2,8	0.110	0,3	4100	923	1,34	0.90

Standard length: 3,048 m (10 feet)



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SIDEFLEXING STEEL CHAIN

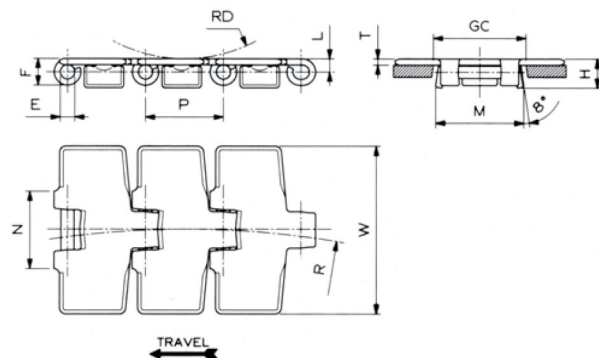
881 SERIES

- BEVEL

- Plate Materials

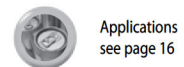
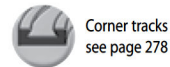
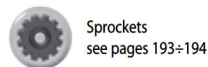
S **SS**

- Pin Material: Case hardened steel (for carbon steel chains)
Cold rolled austenitic stainless steel (for stainless steel chains)



Dimension	mm	inches
P	38,1	1.5
T	3	.118
M	43	1.693
N	38,3	1.508
L	6,4	.252
H	14,5	.571
E	6,35	.25
F	13	.512
RD	75	2.953
GC (Straight)	44,5	1.752
GC (Curve)	41,5	1.634

881 (Sideflexing - Bevel)



REGINA PART NUMBER	CHAIN WIDTH W		SURFACE FINISH Ra	SIDEFLEXING RADIUS R		YIELD LOAD AVERAGE		CHAIN WEIGHT		MATERIAL
	mm	inches		mm	inches	N	lbs	kg/m	lbs/ft	
S 881 K 3 ¼	82,6	3.25	-	457,2	18	11600	2,610	2,74	1.84	CARBON STEEL (S)
S 881 K 4 ½	114,3	4.50	-	609,6	24	11600	2,610	3,37	2.26	
S 881 K 7 ½	190,5	7.50	-	609,6	24	11600	2,610	4,78	3.21	
SS 881 K 3 ¼	82,6	3.25	0,4	457,2	18	5600	1,260	2,76	1.85	AUSTENITIC STAINLESS STEEL (SS)
SS 881 K 4 ½	114,3	4.50	0,4	609,6	24	5600	1,260	3,40	2.28	
SS 881 K 7 ½	190,5	7.50	0,4	609,6	24	5600	1,260	4,82	3.24	



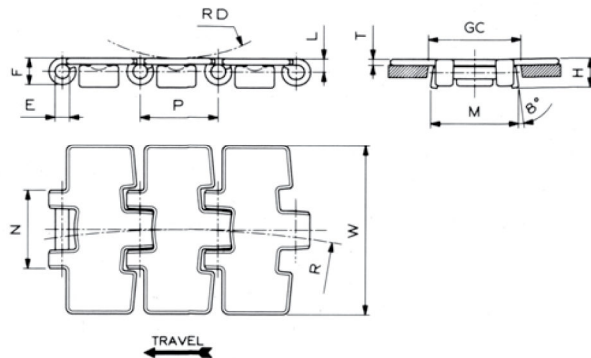
FliteTop®

SIDEFLEXING CHAIN

981 SERIES

- BEVEL
- REDUCED PLATE GAP

- Plate Materials P
- Pin Material: Cold rolled austenitic stainless steel



Dimension	mm	inches
P	38,1	1.5
T	3	.118
M	43	1.693
N	38,3	1.508
L	6,4	.252
H	14,5	.571
E	6,35	.25
F	13	.512
RD	75	2.953
GC (Straight)	44,5	1.752
GC (Curve)	41,5	1.634



Materials
see page 12



Sprockets
see pages 193÷194



Corner tracks
see page 278



Applications
see page 16

981 (Sideflexing - Bevel - Reduced plate gap)

REGINA PART NUMBER	CHAIN WIDTH W		SURFACE FINISH Ra μm	SIDEFLEXING RADIUS R		YIELD LOAD AVERAGE		CHAIN WEIGHT		MATERIAL
	mm	inches		mm	inches	N	lbs	kg/m	lbs/ft	
P 981 K 3 ¼	82,6	3.25	0,3	457,2	18	8000	1,800	2,72	1.83	PRIMA (P)
P 981 K 83,8	83,8	3.30	0,3	457,2	18	8000	1,800	2,75	1.85	
P 981 K 4 ½	114,3	4.50	0,3	609,6	24	8000	1,800	3,35	2.25	
P 981 K 7 ½	190,5	7.50	0,3	609,6	24	8000	1,800	4,76	3.20	

Standard length: 3,048 m (10 feet)



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SIDEFLEXING STEEL CHAIN

881T SERIES

• TAB



- Plate Materials

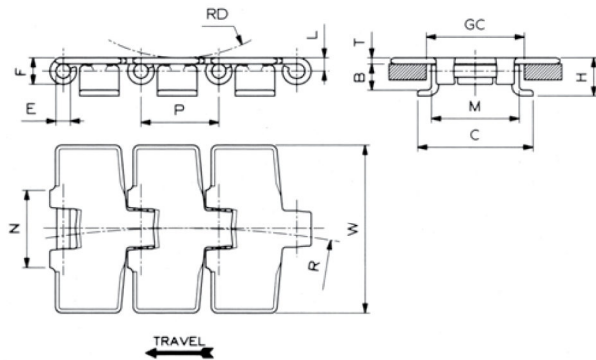
S

SS

- Pin Material:

Case hardened steel (for carbon steel chains)

Cold rolled austenitic stainless steel (for stainless steel chains)



Dimension	mm	inches
P	38,1	1.5
T	3	.118
M	43	1.693
N	38,3	1.508
C	56	2.205
L	6,4	.252
H	19,3	.76
E	6,35	.25
B	12,8	.504
F	13	.512
RD	75	2.953
GC (Straight)	46	1.811
GC (Curve)	44,5	1.752



Materials
see page 12



Sprockets
see pages 193÷195



Corner tracks
see page 274



Applications
see page 16

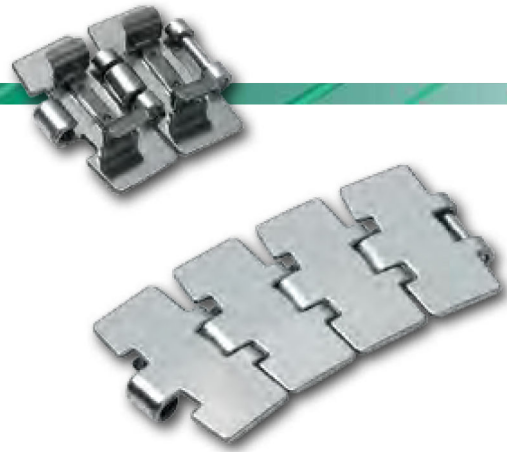
881T (Sideflexing - Tab)

REGINA PART NUMBER	CHAIN WIDTH W		SURFACE FINISH Ra	SIDEFLEXING RADIUS R		YIELD LOAD AVERAGE		CHAIN WEIGHT		MATERIAL
	mm	inches		mm	inches	N	lbs	kg/m	lbs/ft	
S 881T K 3 ¼	82,6	3.25	-	457,2	18	11600	2,610	2,96	1.99	CARBON STEEL (S)
S 881T K 4 ½	114,3	4.50	-	609,6	24	11600	2,610	3,60	2.42	
S 881T K 7 ½	190,5	7.50	-	609,6	24	11600	2,610	5,00	3.36	
SS 881T K 3 ¼	82,6	3.25	0,4	457,2	18	5600	1,260	2,99	2.01	AUSTENITIC STAINLESS STEEL (SS)
SS 881T K 4 ½	114,3	4.50	0,4	609,6	24	5600	1,260	3,63	2.44	
SS 881T K 7 ½	190,5	7.50	0,4	609,6	24	5600	1,260	5,05	3.39	

Standard length: 3,048 m (10 feet)



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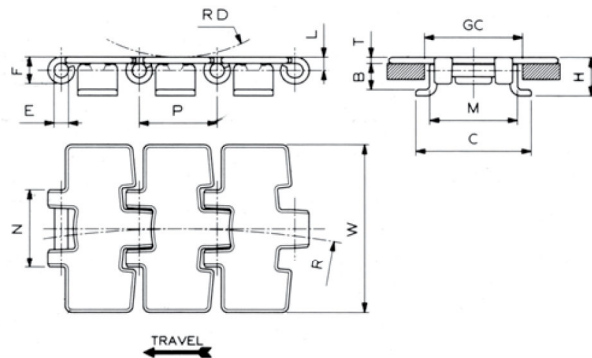


SIDEFLEXING STEEL CHAIN

981T SERIES

- TAB
- REDUCED PLATE GAP

- Plate Materials P
- Pin Material: Cold rolled austenitic stainless steel



Dimension	mm	inches
P	38,1	1.5
T	3	.118
M	43	1.693
N	38,3	1.508
C	56	2.205
L	6,4	.252
H	19,3	.76
E	6,35	.25
B	12,8	.504
F	13	.512
RD	75	2.953
GC (Straight)	46	1.811
GC (Curve)	44,5	1.752



Materials
see page 12



Sprockets
see pages 193÷195



Corner tracks
see page 274



Applications
see page 16

981T (Sideflexing - Tab - Reduced plate gap)

REGINA PART NUMBER	CHAIN WIDTH W		SURFACE FINISH Ra	SIDEFLEXING RADIUS R		YIELD LOAD AVERAGE		CHAIN WEIGHT		MATERIAL
	mm	inches		mm	inches	N	lbs	kg/m	lbs/ft	
P 981T K 3 ¼	82,6	3.25	0,3	457,2	18	8000	1,800	2,95	1.98	PRIMA (P)
P 981T K 83,8	83,8	3.30	0,3	457,2	18	8000	1,800	2,96	1.98	
P 981T K 4 ½	114,3	4.50	0,3	609,6	24	8000	1,800	3,58	2.41	
P 981T K 7 ½	190,5	7.50	0,3	609,6	24	8000	1,800	4,99	3.35	

Standard length: 3,048 m (10 feet)



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SIDEFLEXING STEEL CHAIN

981M SERIES

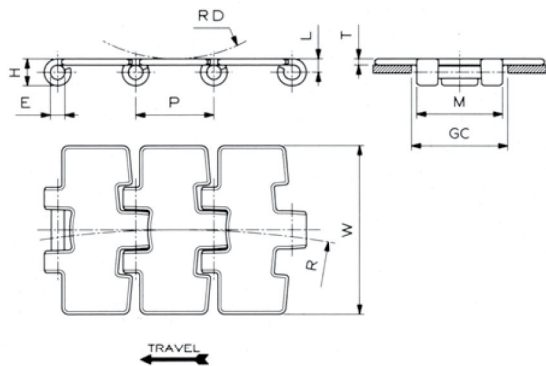
- MAGNETIC
- REDUCED PLATE GAP

- Plate Materials

SS-4

P

- Pin Material: Cold rolled austenitic stainless steel (for 981M series)
Hardened martensitic stainless steel (for HD 981M series)



Dimension	mm	inches
P	38,1	1.5
T	3	.118
M	42	1.654
L	6,4	.252
H	13	.512
E	6,35	.25
RD	75	2.953
GC (Straight)	44	1.732
GC (Curve)	44	1.732



Materials
see page 12



Sprockets
see pages 183÷187



Corner tracks
see page 233



Applications
see page 16

981M (Sideflexing - Magnetic - Reduced plate gap)

REGINA PART NUMBER	CHAIN WIDTH W		SURFACE FINISH Ra	SIDEFLEXING RADIUS R		YIELD LOAD AVERAGE		CHAIN WEIGHT		MATERIAL
	mm	inches		mm	inches	N	lbs	kg/m	lbs/ft	
SS 981M-4 K 3 ¼	82,6	3.25	0,3	500	19.69	5400	1,215	2,40	1.61	FERRITIC STAINLESS STEEL (SS-4)
SS 981M-4 K 83,8	83,8	3.30	0,3	500	19.69	5400	1,215	2,42	1.63	
P 981M K 3 ¼	82,6	3.25	0,3	500	19.69	8500	1,913	2,46	1.65	PRIMA (P)
P 981M K 83,8	83,8	3.30	0,3	500	19.69	8500	1,913	2,48	1.67	
P 981M K 4 ½	114,3	4.50	0,3	500	19.69	8500	1,913	3,08	2.07	
P 981M K 7 ½	190,5	7.50	0,3	500	19.69	8500	1,913	4,47	3.00	

Standard length: 3,048 m (10 feet)



Materials
see page 12



Sprockets
see pages 183÷187



Corner tracks
see page 233



Applications
see page 16

HD 981M (Sideflexing - Magnetic - Reduced plate gap - Increased Pin Hardness)

REGINA PART NUMBER	CHAIN WIDTH W		SURFACE FINISH Ra	SIDEFLEXING RADIUS R		YIELD LOAD AVERAGE		CHAIN WEIGHT		MATERIAL
	mm	inches		mm	inches	N	lbs	kg/m	lbs/ft	
PHD 981M K 3 ¼	82,6	3.25	0,3	500	19.69	8500	1,913	2,46	1.65	PRIMA (P)
PHD 981M K 83,8	83,8	3.30	0,3	500	19.69	8500	1,913	2,48	1.67	
PHD 981M K 4 ½	114,3	4.50	0,3	500	19.69	8500	1,913	3,08	2.07	
PHD 981M K 7 ½	190,5	7.50	0,3	500	19.69	8500	1,913	4,47	3.00	

Standard length: 3,048 m (10 feet)



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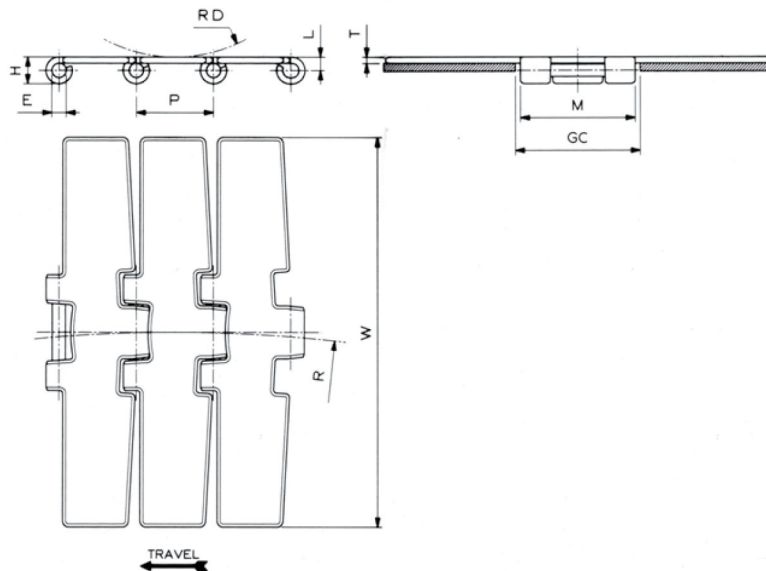
SIDEFLEXING STEEL CHAIN

HD 9857M SERIES

- MAGNETIC
- HEAVY DUTY SINGLE HINGE
- INCREASED PIN HARDNESS

- Plate Materials **P**

- Pin Material: Hardened martensitic stainless steel



Dimension	mm	inches
P	38,1	1.5
T	3	.118
M	57	2.244
L	6,4	.252
H	13	.512
E	6,35	.25
RD	75	2.953
GC (Straight)	60	2.362
GC (Curve)	60	2.362



Materials
see page 12



Sprockets
see page 191



Corner tracks
see page 233



Applications
see page 16

HD 9857M (Sideflexing - Magnetic - Heavy Duty Single Hinge - Increased Pin Hardness)

REGINA PART NUMBER	CHAIN WIDTH W		SURFACE FINISH Ra	SIDEFLEXING RADIUS R		YIELD LOAD AVERAGE		CHAIN WEIGHT		MATERIAL
	mm	inches		mm	inches	N	lbs	kg/m	lbs/ft	
PHD 9857M K 7 ½	190,5	7.50	0,3	750	29.53	10500	2,363	4,97	3.34	PRIMA (P)

Standard length: 3,048 m (10 feet)



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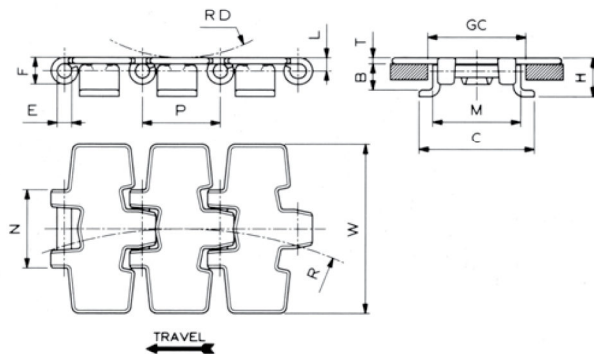
SIDEFLEXING STEEL CHAIN

982T SERIES

- TAB
- REDUCED SIDEFLEXING RADIUS

• Plate Materials **SS**

• Pin Material: Cold rolled austenitic stainless steel



Dimension	mm	inches
P	38,1	1.5
T	3	.118
M	43	1.693
N	38,3	1.508
C	56	2.205
L	6,4	.252
H	19,3	.76
E	6,35	.25
B	12,8	.504
F	13	.512
RD	75	2.953
GC (Straight)	46	1.811
GC (Curve)	44,5	1.752



Materials
see page 12



Sprockets
see pages 193÷195



Applications
see page 16

982T (Sideflexing - Tab - Reduced Sideflexing Radius)

REGINA PART NUMBER	CHAIN WIDTH W		SURFACE FINISH Ra μm	SIDEFLEXING RADIUS R		YIELD LOAD AVERAGE		CHAIN WEIGHT		MATERIAL
	mm	inches		mm	inches	N	lbs	kg/m	lbs/ft	
SS 982T K 3 ¼	82,6	3.25	0,4	200	7.87	5000	1,125	3,00	2.02	AUSTENITIC STAINLESS STEEL (SS)

Standard length: 3,048 m (10 feet)