

HONGSBELT® Modular Conveyor Belt, the combination of preciseness and artistry which creates new conveying concept. As the leader and largest manufacturer of Modular Belt in China, HONGSBELT® not only have complete production lines to meet different application requirement, but also can provide comprehensive product knowledge and experience. Through ten years' innovation and R&D, there are more than 600 types different in material and color, which provide you with perfect support in conveying field.

HONGSBELT® Modular Conveyor Belt makes an immense difference for the conveying in Food & Non-food industries for its strong, durable, low maintenance and easy to clean features.



GLOBAL RESOURCES AND BUSINESS NO BOUNDARY



HONGSBELT® is one of the most famous manufacturer and supplier of Industrial belt in the world market with strong power in R&D, the products including: Modular Conveyor belt, Chains belt, PU/PVC Conveyor belt, Elevator belt, special processing high-speed Timing belt etc. The company has passed ISO9001:2000 quality Certification and got FDA Certificate.

HONGSBELT® put focus on Customers' demand, and insists on constant innovation to meet customers' needs, bring better conveying system with better quality products.

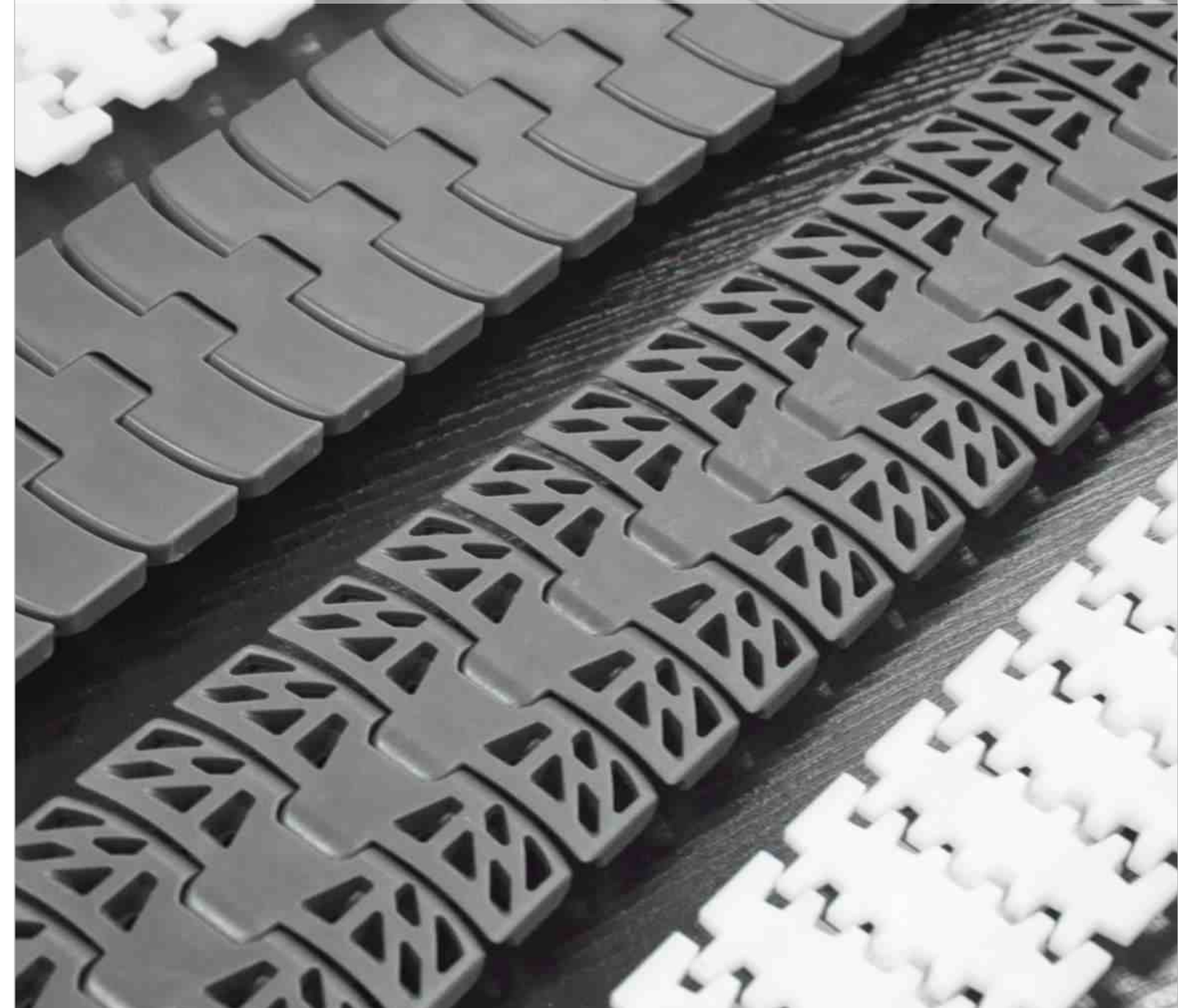
OUR QUALIFICATION



HONGSBELT International (HK) Limited
Add: No.3 SongShan Road, XinMu Street, PingHu,
ShenZhen, Guangdong, China (518111)

HONG'S BELT®

High-Quality Chains Belt



Innovation----- All for Conveying!
HONGSBELT® World-renowned Chains belt manufacturer



Preface

HONGSBELT with fifteen glorious years of development since its foundation in 1999, has shifted its business from simply selling traditional conveyor belts to providing solutions of the smart conveyor belts, integrating R&D, manufacturing and sales. We are committed to provide services for our customers with unchanging sincerity and devotion.

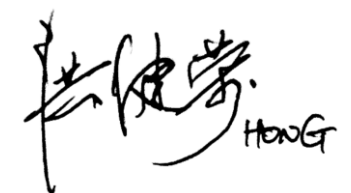
Adhering to the pursuit belief of "Innovation must be made", HONGSBELT team has actively thrown themselves into R&D with a heavy investment on establishing R&D Department, Refine Modular Department, Plastic & Shaping Workshop, etc. and dedicated themselves to development of the smart modular conveyor belts. In the meantime, HONGSBELT has conducted global marketing and created an excellent annual turnover increase of 30%. With over 60 marketing sites established and covering every corner worldwide at present, HONGSBELT has realized the expectation of being based in China and taking the whole world in view.

In terms of pursuing product quality, we still stand at the original starting point – technology orientation. While providing complete supply chain product system for worldwide agents as well as OEM, we know well the absolute principle that the most important mutual dependence relationship lies in technology support.

Therefore, besides sticking to product quality first, we employ the perfect technology to render the most valuable services! With the whole manpower of technology departments, this technology engineering manual is compiled to give all users of HONGSBELT products an access to grasp the most accurate design data in the fastest way, serve as evidence for the end-users and participating engineers and technicians and provide the best reference for the planning and organization of various conveying equipment systems.

In connection with the foreword, our passion for industry automation shall never fade. On behalf of all the staff of HONGSBELT, we here deliver to our customers that from today on, HONGSBELT shall offer professional services with broader vision to establish a benchmark for the world smart conveyor belt industry. All Hongsbelt product users shall witness us to realize our commitment. That is: products of highest quality and most professional services.

President of HONGSBELT:

A stylized handwritten signature in black ink, followed by the word "HONG" in a smaller, sans-serif font.

CONTENTS

Preface	29	HS-863
Contents	30	HS-963
Chains belt Introduction	31	HS-1873D
Application photos	32	HS-1873T
	33	HS-1873G4
High-Quality Chains Belt	34	HS-1873 T-GD
1 HS-820	35	HS-7100-83 G1
2 HS-820-mini	36	HS-7100-83 G3
3 HS-821	37	HS-7100-63
4 HS-828	38	HS-7100-70
5 HS-880 TAB	39	HS-7100-80
6 HS-880 TAB BO	40	HS-7100-83
7 HS-880	41	HS-7100-103
8 HS-880 M	42	HS-7100-140
9 HS-882	43	HS-83-EL
10 HS-882 TAB	44	HS-83-3
11 HS-831	45	HS-114
12 HS-878 BO	46	HS-2600-O
13 HS-820 VAACUM	47	HS-2600TAB-O
14 HS-880 TAB VAACUM	48	HS-2800-O
15 HS-820-EL	49	HS-2800TAB-O
16 HS-821-EL	50	HS-40/50/60P
17 HS-880-EL	51	HS-W1080 SS
18 HS-880-EL BO	52	HS-1700
19 HS-882-EL TAB	53	HS-1700 TAB
20 HS-878-EL BO	54	HS-1701
21 HS-1873-EL TAB	55	HS-1701 TAB
22 HS-1050	56	HS-1702
23 HS-1060	57	HS-F54
24 HS-1050 TAB	58	HS-LBP 821
25 HS-1060 TAB	59	HS-LBP 878 TAB
26 HS-1843 TAB	60	HS-LBP 882 TAB
27 HS-843	61	HS-LBP 882 TAB
28 HS-845	63	HS-LBP 882 M

Stainless Steel Chains Belt	66	HS-915
	67	HS-915 / HS-HD 915
	68	HS-2815
	69	HS-HD 9157
	70	HS-803
	71	HS-881
	72	HS-981
	73	HS-881TAB
	74	HS-981TAB
	75	HS-981M / HS-HD 981M
	76	HS-HD 9857M
	77	HS-982TAB
	78	HS-915-EL
	79	HS-2815-EL
	80	HS-HD 9157-EL
	81	HS-981TAB-EL
	82	HS-981M-EL
	83	HS-HD 9857M-EL
Sprocket Series	85-118	Sprocket
	119	Conversion rule of system international Reference value of service temperature
	120	Commom raw material properties
	121-124	Physical performance indicators of ordinary engineering plastic products

CHAINS BELT INTRODUCTION

Shenzhen HONGSBELT high quality plastic flat top chain series.

HONGSBELT Plastic chain could install and run on most current chain system and sprocket as well as compatible different industrial standard completely. It makes table top chain be maintained.

HONGBELT new chain series has many tip top performances. Such as low friction coefficient, anti-chemical, anti-static, flame-proof and so on. It could be used for different industries & environment.

Packing Type:
3 meters per box

Product Type
1 Thermoplastic Flat Top Chain
2 Low Back Pressure Roller
3 Elevator Chain
4 Flexible Side Curve Chain
5 Keel Chain
6 Special Plastic Chain
7 Tooth Curve Chain

Different materials for choice
Different standards and innovative material series could meet all clients' needs.

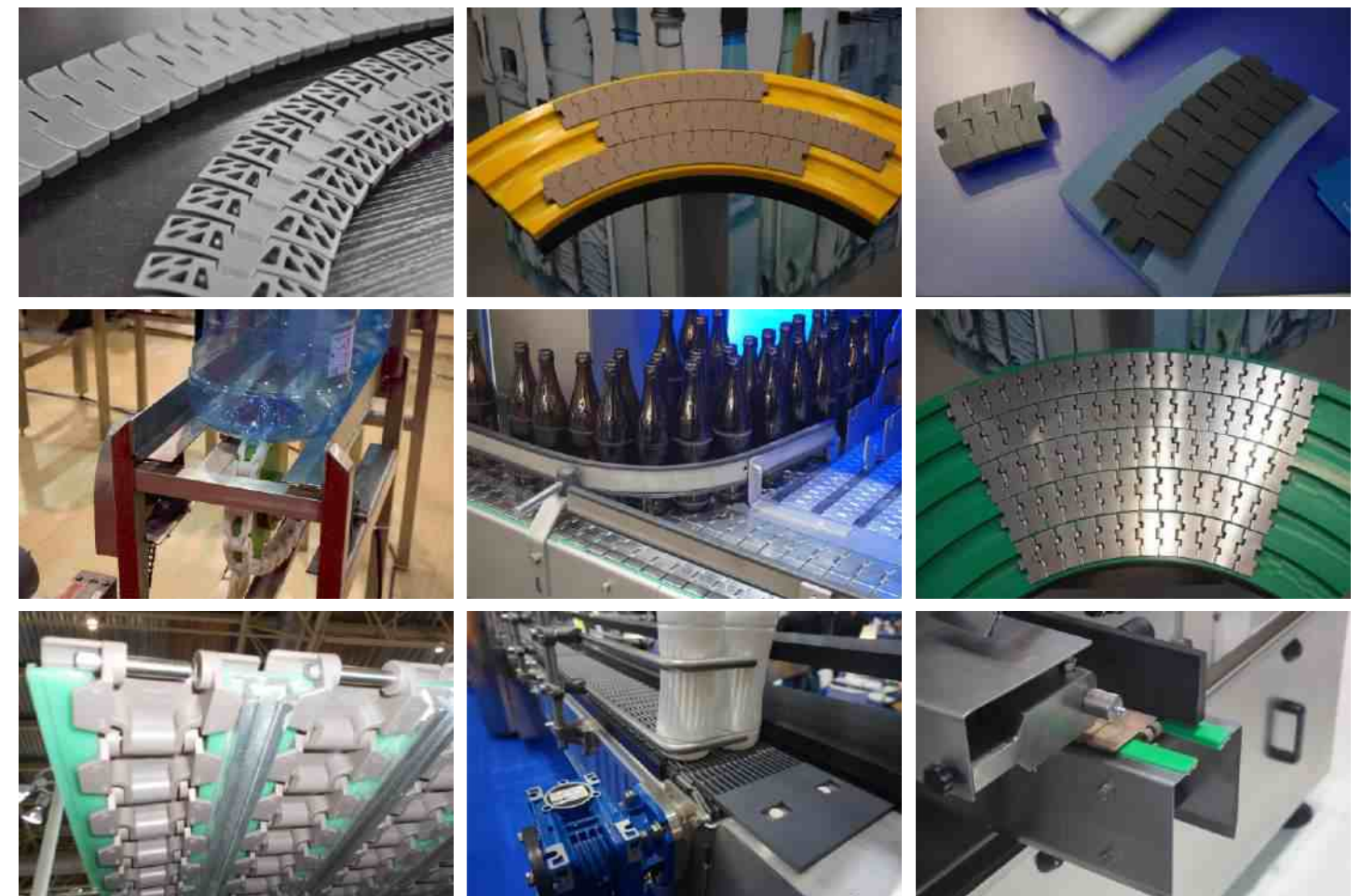
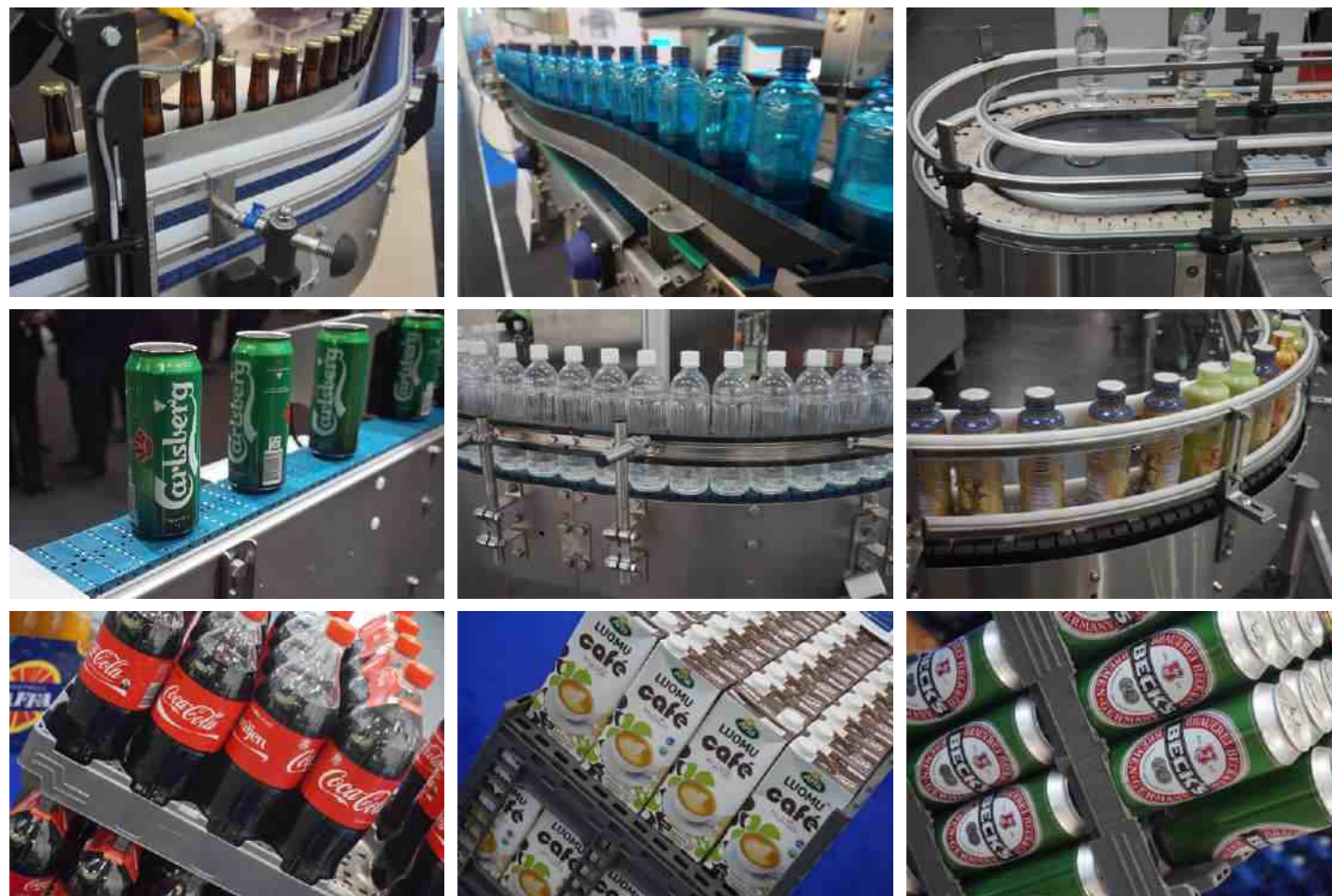
- DP Standard POM
- LF Low Friction Coefficient POM
- PT Special Low Friction Coefficient POM (Contain lubricating material itself)
- AS Anti-static
- EC Anti-static(electrical conductivity)
- DE Suitable For Metal Detector
- PK Anti-wear (in dry and wet environment)
- WR Anti-wear (suitable for glass ware)
- NY Heat Stable Polyamide
- PP Anti-chemical
- FR Flame-proof
- MG Magnetic

Widely applied in various industries

- Beverage plant
- Bake industry
- Package plant
- Dairy production plant
- Electronics industry
- Manufacturing industry
- Automobile industry
- Logistics conveying
- Papermaking and corrugated paper

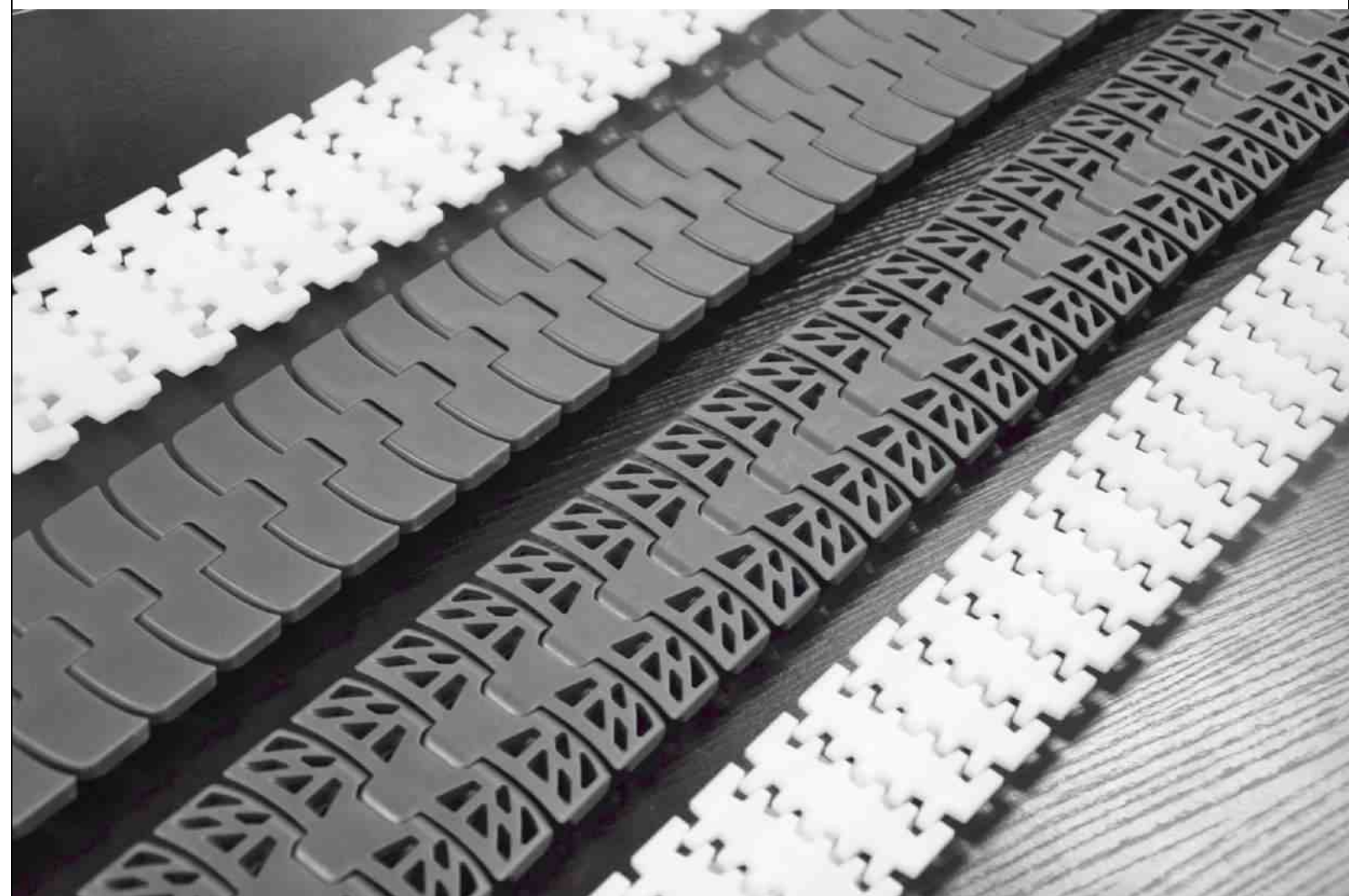
Application cases

- Beverage filling application
- Carton handling
- Container handling
- Aerosol filling
- Toilet paper handling
- Package line
- Glass ware handling





HIGH-QUALITY CHAINS BELT



Service & Guarantee: New products and for more information, welcome to visit our website: www.hongsbelt.com.cn

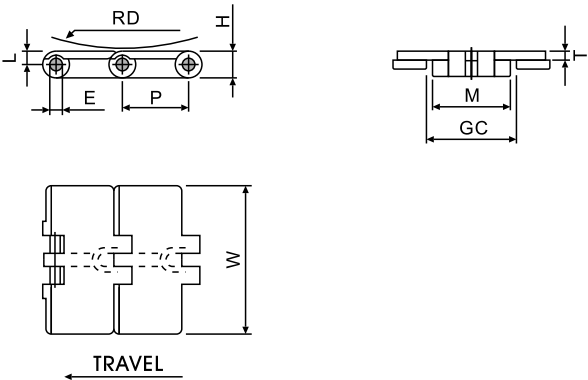
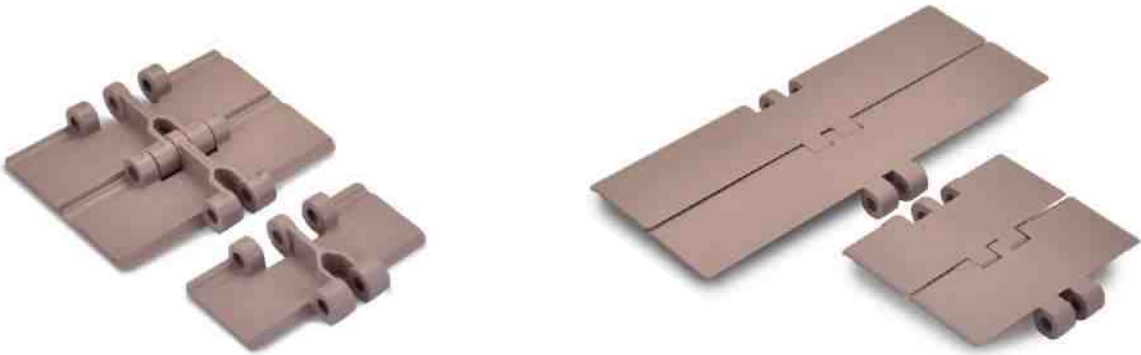
HS-820 SERIES

Plate Materials: POM-DP,POM-LF
Pin Material: Cold rolled austenitic stainless steel

Materials

Sprockets
87/88/
89/98/99

Applications



Dimension	mm	inches
P	38.1	1.5
M	42.1	1.657
L	7.2	0.283
H	13.5	0.531
E	6.35	0.25
T	4.0	0.189
RD	40	1.575
GC	44.5	1.732

HS-820 (Straight Running Plastic Chain)

	Width W		Working Load		Radius		Reverse Radius		Weight
	(mm)	(inch)	N(21℃)	lbs(21℃)	(mm)	(inch)	(mm)	(inch)	
HS-820 K250	63.5	2.50	1230	276	—	—	50	1.97	0.73
HS-820 K325	82.6	3.25	1230	276	—	—	50	1.97	0.83
HS-820 K350	88.9	3.50	1230	276	—	—	50	1.97	0.87
HS-820 K400	101.6	4.00	1230	276	—	—	50	1.97	0.95
HS-820 K450	114.3	4.50	1230	276	—	—	50	1.97	1.03
HS-820 K600	152.4	6.00	1230	276	—	—	50	1.97	1.25
HS-820 K750	190.5	7.50	1230	276	—	—	50	1.97	1.47

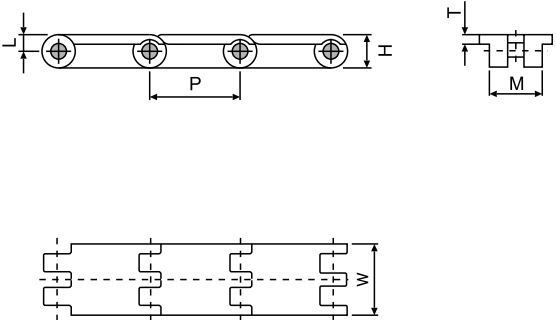
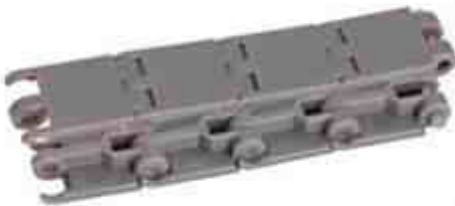
HS-820-mini SERIES

Plate Materials: POM-DP,POM-LF
Pin Material: Cold rolled austenitic stainless steel

Materials

Sprockets
117

Applications



Dimension	mm	inches
P	38.1	1.500
M	22.0	0.866
W	30.0	1.181
H	13.8	0.543
L	6.8	0.268
T	4.0	0.157

HS-820-mini (Straight Running Plastic Chain)

	Width W		Working Load		Radius		Reverse Radius		Weight
	(mm)	(inch)	N(21℃)	lbs(21℃)	(mm)	(inch)	(mm)	(inch)	
HS-820 mini-K118	30.0	1.18	1230	276	—	—	50	1.97	0.46
HS-820 mini-K126	32.0	1.26	1230	276	—	—	50	1.97	0.52

HS-821 SERIES

Plate Materials: POM-DP,POM-LF
Pin Material: Cold rolled austenitic stainless steel



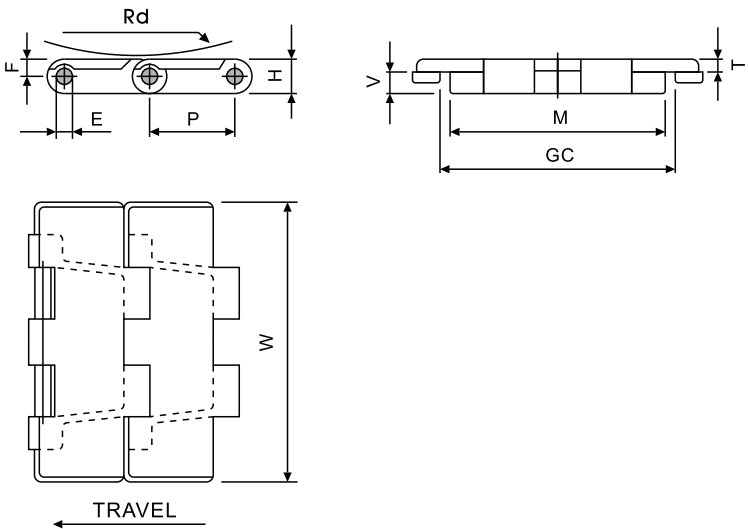
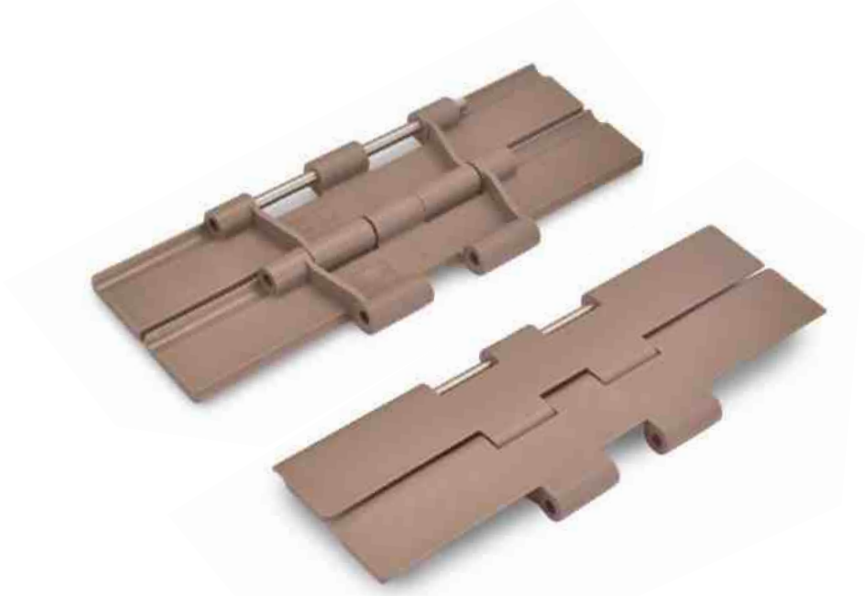
Materials



Sprockets
91/100/101



Applications



Dimension	mm	inches
P	38.1	1.500
W	—	—
H	14.3	0.563
T	4.8	0.189
E	7.9	0.311
M	136.5	5.374
F	7.9	0.311
V	13.0	0.512
RD	40.0	1.574
GC	140.0	5.512

HS-821 (Straight Running Plastic Chain)

CHARACTERISTICS									
	Width W		Working Load		Radius		Reverse Radius		Weight
	(mm)	(inch)	N(21℃)	lbs(21℃)	(mm)	(inch)	(mm)	(inch)	
HS-821-K750	190.5	7.50	2680	603	—	—	50	1.97	2.50
HS-821-K1000	254.0	10.00	2680	603	—	—	50	1.97	2.95
HS-821-K1200	304.8	12.00	2680	603	—	—	50	1.97	3.25

HS-828 SERIES

Plate Materials: POM-DP,POM-LF
Pin Material: Cold rolled austenitic stainless steel



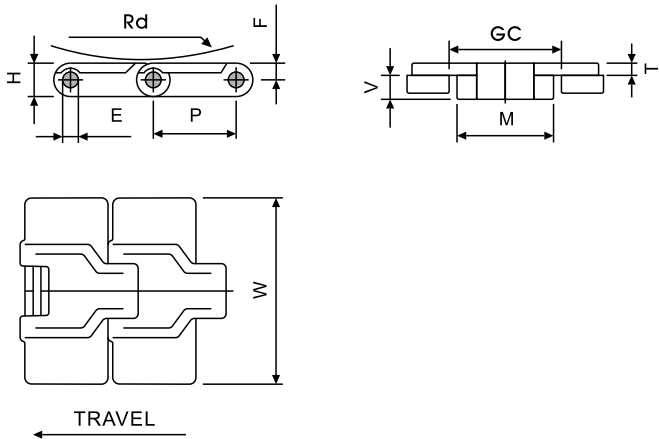
Materials



Sprockets
87/88/
89/102/103



Applications



Dimension	mm	inches
P	38.1	1.500
W	—	—
H	15.0	0.590
T	4.0	0.157
E	6.4	0.252
M	42.1	1.657
F	7.5	0.295
V	11.0	0.433
RD	50.0	1.969
GC	44.0	1.732

HS-828 (Straight Running Plastic Chain)

CHARACTERISTICS									
	Width W		Working Load		Radius		Reverse Radius		Weight
	(mm)	(inch)	N(21℃)	lbs(21℃)	(mm)	(inch)	(mm)	(inch)	
HS-828-K325	82.5	3.248	2000	450	—	—	40	1.575	1.05
HS-828-K330	83.8	3.299	2000	450	—	—	40	1.575	1.08

HS-880TAB SERIES

Plate Materials: POM-DP,POM-LF
Pin Material: Cold rolled austenitic stainless steel



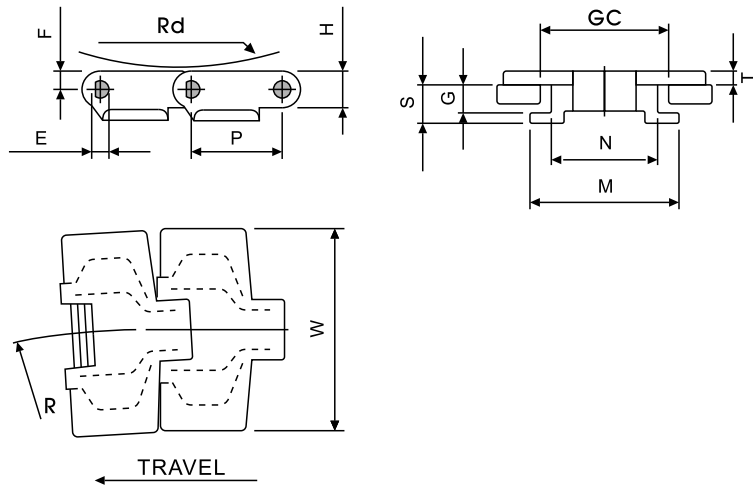
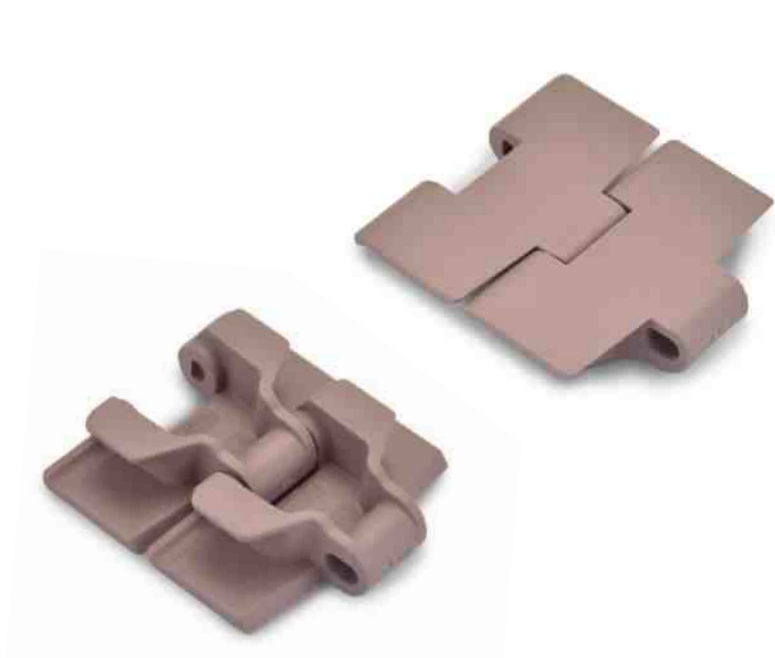
Materials



Sprockets
102/103/104



Applications



Dimension	mm	inches
P	38.1	1.500
R	400.0	15.748
W	—	—
H	20.0	0.787
T	4.0	0.157
F	7.6	0.300
E	7.1	0.280
M	61.1	2.406
N	42.9	1.689
S	16.0	0.630
G	11.5	0.453
RD	40.0	1.575
GC(Straight)	46.0	1.811
GC(Curve)	44.2	1.740

HS-880TAB (Side Flexing Plastic Chain)

	Width W		Working Load		Radius		Reverse Radius		Weight
	(mm)	(inch)	N(21℃)	lbs(21℃)	(mm)	(inch)	(mm)	(inch)	
HS-880TAB-K325	82.5	3.25	2100	472	457	18.00	40	1.57	0.94
HS-880TAB-K450	114.5	4.50	2100	472	500	19.69	40	1.57	1.08
HS-880TAB-K600	152.4	6.00	2100	472	560	22.05	40	1.57	1.32
HS-880TAB-K750	190.5	7.50	2100	472	610	24.00	40	1.57	1.35

HS-880TAB BO SERIES

Plate Materials: POM-DP,POM-LF
Pin Material: Cold rolled austenitic stainless steel



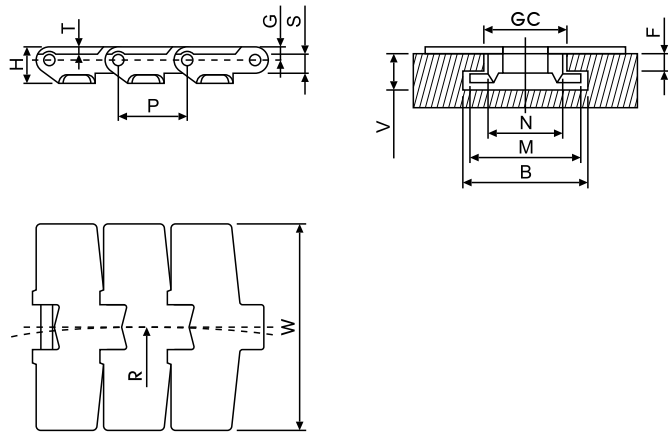
Materials



Sprockets
102/103/104



Applications



Dimension	mm	inches
P	38.1	1.500
R	190.0	7.480
W	—	—
H	20.0	0.787
T	4.0	0.157
F	10.0	0.394
N	43.0	1.693
M	62.0	2.441
S	12.0	0.472
G	7.6	0.299
B	70.0	2.756
V	18.0	0.709
GC(Straight)	46.0	1.811
GC(Curve)	44.2	1.740

HS-880TAB BO (Side Flexing Plastic Chain)

	Width W		Working Load		Radius		Reverse Radius		Weight
	(mm)	(inch)	N(21℃)	lbs(21℃)	(mm)	(inch)	(mm)	(inch)	
HS-880TAB BO-K325	82.5	3.25	1680	378	200	7.87	40	1.57	0.94
HS-880TAB BO-K450	114.3	4.50	1680	378	200	7.87	40	1.57	1.11

HS-880 SERIES

Plate Materials: POM-DP,POM-LF
Pin Material: Cold rolled austenitic stainless steel



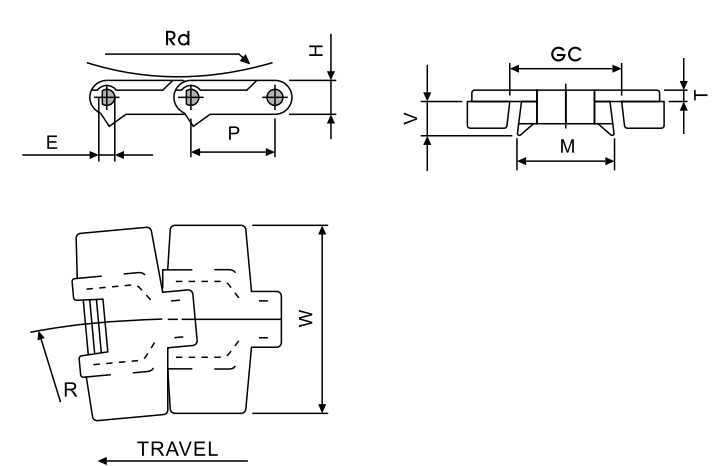
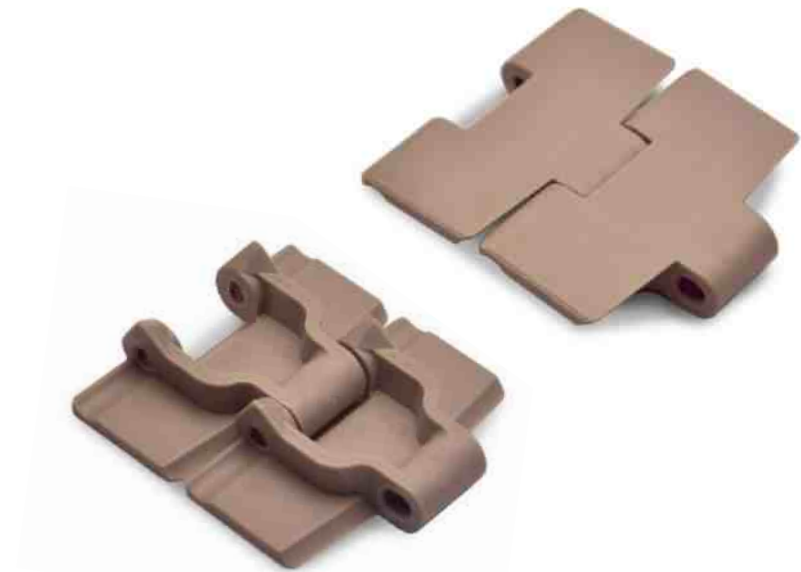
Materials



Sprockets
87/88/89/
102/103/104



Applications



Dimension	mm	inches
P	38.1	1.500
R	400.0	15.748
W	—	—
H	20.0	0.787
T	4.0	0.157
E	7.1	0.280
M	42.9	1.689
V	16.0	0.630
RD	40.0	1.575
GC(Straight)	44.5	1.752
GC(Curve)	41.4	1.630

HS-880 (Side Flexing Plastic Chain)

	Width W		Working Load		Radius		Reverse Radius		Weight (kg/m)
	(mm)	(inch)	N(21℃)	lbs(21℃)	(mm)	(inch)	(mm)	(inch)	
HS-880-K325	82.6	3.25	2100	472	457	18.00	40	1.57	0.89
HS-880-K450	114.3	4.50	2100	472	457	18.00	40	1.57	1.04

HS-880M SERIES

Plate Materials: POM-DP,POM-LF
Pin Material: Magnetic stainless steel



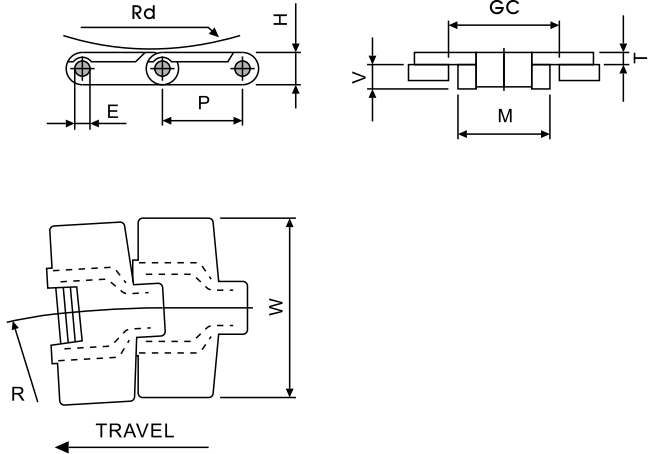
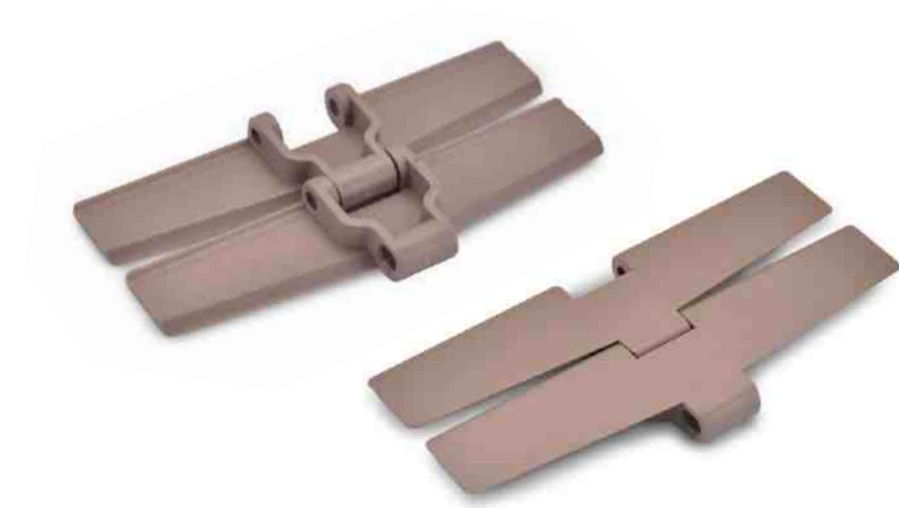
Materials



Sprockets
87/88/89



Applications



Dimension	mm	inches
P	38.1	1.500
R	400.0	15.748
W	—	—
H	15.0	0.591
T	4.0	0.157
E	7.1	0.280
M	42.1	1.657
V	11.0	0.433
RD	50.0	1.969
GC	44.0	1.732

HS-880M (Side Flexing Plastic Chain)

	Width W		Working Load		Radius		Reverse Radius		Weight (kg/m)
	(mm)	(inch)	N(21℃)	lbs(21℃)	(mm)	(inch)	(mm)	(inch)	
HS-880M-K325	82.5	3.25	2100	472	500	19.68	50	1.97	1.03
HS-880M-K450	114.3	4.50	2100	472	610	24.00	50	1.97	1.16

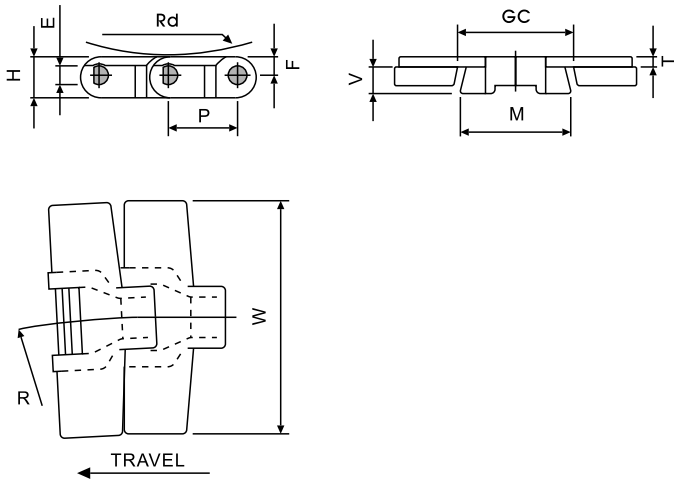
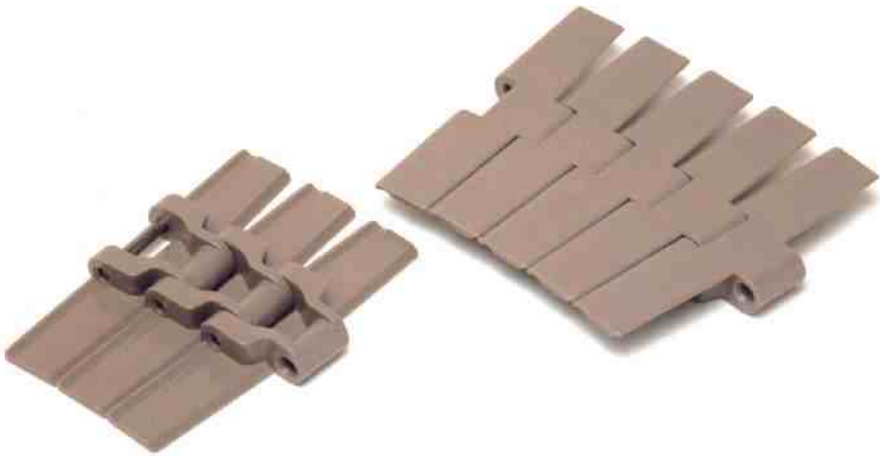
HS-882 SERIES

Plate Materials: POM-DP,POM-LF
Pin Material: Cold rolled austenitic stainless steel

Materials

Sprockets
105/106/107

Applications



Dimension	mm	inches
P	38.1	1.500
R	610.0	24.016
W	-	-
H	22.3	0.878
T	4.8	0.189
E	8.7	0.343
M	61.1	2.406
F	9.5	0.374
V	17.5	0.689
RD	40.0	1.574
GC(Straight)	61.9	2.437
GC(Curve)	58.0	2.283

HS-882 (Side Flexing Plastic Chain)

	Width W		Working Load		Radius		Reverse Radius		Weight (kg/m)
	(mm)	(inch)	N(21℃)	lbs(21℃)	(mm)	(inch)	(mm)	(inch)	
HS-882-K450	114.5	4.50	3830	860	610	24.00	40	1.575	1.94
HS-882-K750	190.5	7.50	3830	860	610	24.00	40	1.575	2.38
HS-882-K1000	254.0	10.00	3830	860	610	24.00	40	1.575	2.83
HS-882-K1200	304.8	12.00	3830	860	610	24.00	40	1.575	2.75

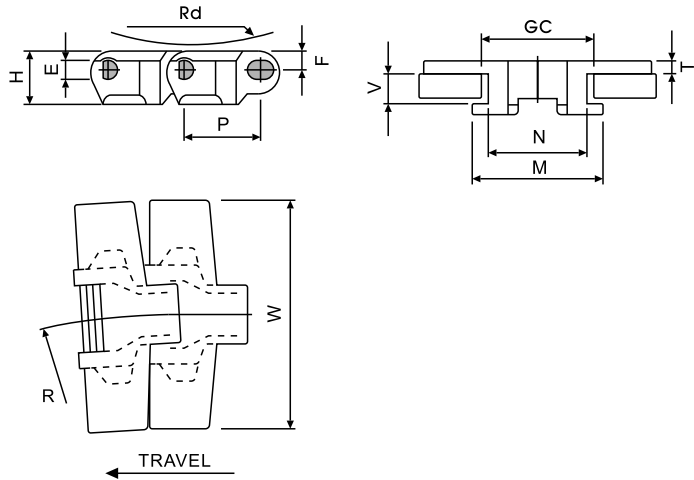
HS-882TAB SERIES

Plate Materials: POM-DP,POM-LF
Pin Material: Cold rolled austenitic stainless steel

Materials

Sprockets
105/106/107

Applications



Dimension	mm	inches
P	38.1	1.500
R	610.0	24.016
W	-	-
H	27.0	1.063
T	4.8	0.189
E	8.7	0.343
M	76.2	3.000
F	9.5	0.374
N	57.2	2.252
V	17.0	0.669
RD	40.0	1.574
GC(Straight)	60.0	2.362
GC(Curve)	58.0	2.283

HS-882TAB (Side Flexing Plastic Chain)

	Width W		Working Load		Radius		Reverse Radius		Weight (kg/m)
	(mm)	(inch)	N(21℃)	lbs(21℃)	(mm)	(inch)	(mm)	(inch)	
HS-882TAB-K600	152.4	6.00	3830	860	609.6	24.00	40	1.57	2.10
HS-882TAB-K750	190.5	7.50	3830	860	609.6	24.00	40	1.57	2.47
HS-882TAB-K1000	254.0	10.00	3830	860	609.6	24.00	40	1.57	2.87
HS-882TAB-K1200	304.8	12.00	3830	860	609.6	24.00	40	1.57	3.41

HS-831 SERIES

Plate Materials: POM-DP,POM-LF
Pin Material: Cold rolled austenitic stainless steel



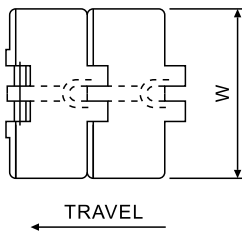
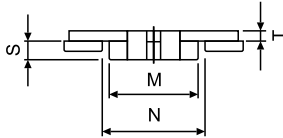
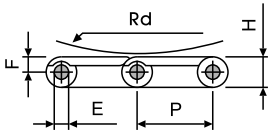
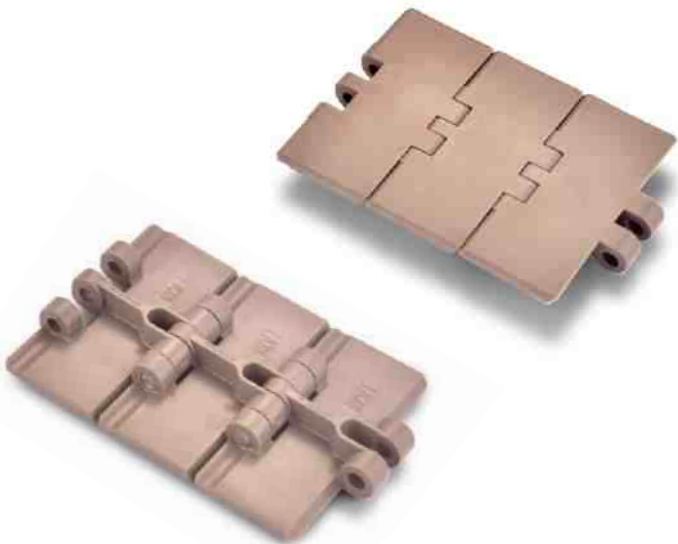
Materials



Sprockets
87/88/
89/98/99



Applications



Dimension	mm	inches
P	38.1	1.500
W	—	—
E	6.2	0.200
T	4.8	0.157
F	7.2	0.563
N	44.5	1.434
M	42.1	1.343
S	8.7	0.469
H	13.5	0.496

HS-831 (Straight Running Plastic Chain)

CHARACTERISTICS									
	Width W		Working Load		Radius		Reverse Radius		Weight
	(mm)	(inch)	N(21℃)	lbs(21℃)	(mm)	(inch)	(mm)	(inch)	(kg/m)
HS-831-K325	82.5	3.25	1230	277	—	—	50	1.97	1.00
HS-831-K400	101.6	4.00	1230	277	—	—	50	1.97	1.15
HS-831-K450	114.3	4.50	1230	277	—	—	50	1.97	1.24
HS-831-K600	152.4	6.00	1230	277	—	—	50	1.97	1.51
HS-831-K750	190.5	7.50	1230	277	—	—	50	1.97	1.76

HS-878 BO SERIES

Plate Materials: POM-DP,POM-LF
Pin Material: Cold rolled austenitic stainless steel



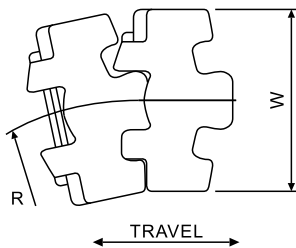
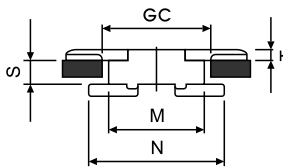
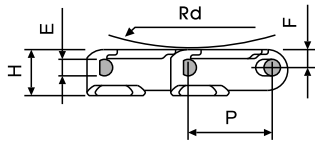
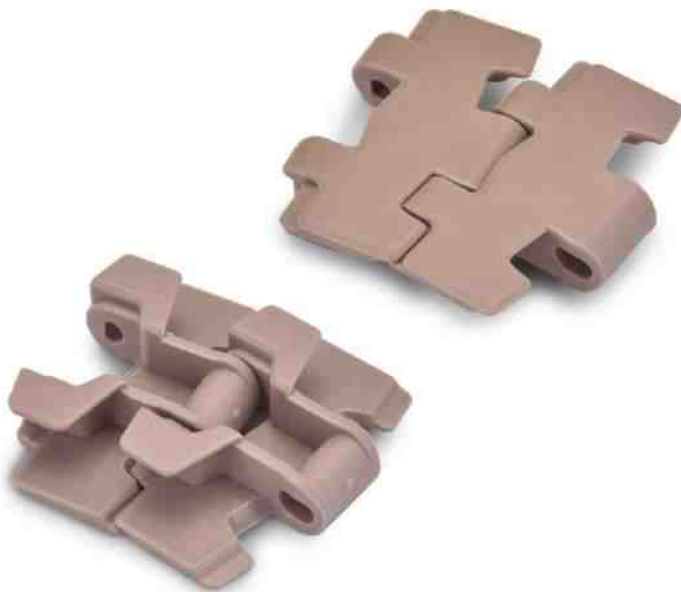
Materials



Sprockets
102/103/104



Applications



Dimension	mm	inches
P	38.1	1.500
W	—	—
E	7.1	0.280
T	4.8	0.157
F	8.4	0.331
N	61.5	2.421
M	42.9	1.689
S	11.5	0.453
H	20.8	0.819
R	190.0	7.480
RD	40.0	1.575
GC(Straight)	46.0	1.811
GC(Curve)	44.2	1.740

HS-878 BO (Side Flexing Plastic Chain)

CHARACTERISTICS									
	Width W		Working Load		Radius		Reverse Radius		Weight
	(mm)	(inch)	N(21℃)	lbs(21℃)	(mm)	(inch)	(mm)	(inch)	(kg/m)
HS-878 BO-K325	82.5	3.25	2100	472	190	7.48	40	1.575	1.08
HS-878 BO-K450	114.3	4.50	2100	472	190	7.48	40	1.575	1.20

HS-820 VAACUM SERIES

Plate Materials: POM-DP,POM-LF
Pin Material: Cold rolled austenitic stainless steel



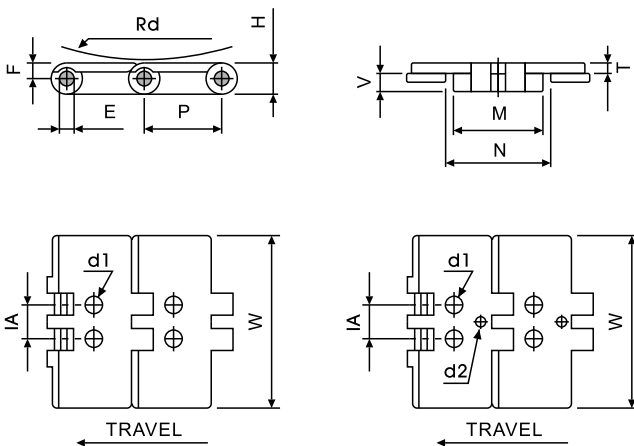
Materials



Sprockets
87/88/
89/98/99



Applications



Dimension	mm	inches
P	38.1	1.500
W	—	—
H	13.5	0.531
T	4.0	0.157
E	6.4	0.252
M	42.1	1.657
F	7.2	0.283
V	9.5	0.374
N	44.5	1.752
RD	40.0	1.575

HS-820 VAACUM (Straight Running Plastic Chain)

	Width W		Working Load		d1		d2	IA		Weight
	(mm)	(inch)	N(21℃)	lbs(21℃)	(mm)	(inch)	(mm)	(mm)	(inch)	
HS-820-K325 B2	82.5	3.25	1230	276	6.5	0.26	—	19	0.75	0.83
HS-820-K350 B2	88.9	3.50	1230	276	4.0	0.16	—	45	1.77	0.87
HS-820-K450 B2 H30	114.3	4.50	1230	276	8.0	0.31	—	30	1.18	1.03
HS-820-K450 B2 H50	114.3	4.50	1230	276	8.0	0.31	—	50	1.97	1.03

*IA=Distance between centres.
*B1=one bore B2=two bores

HS-880TAB VAACUM SERIES

Plate Materials: POM-DP,POM-LF
Pin Material: Cold rolled austenitic stainless steel



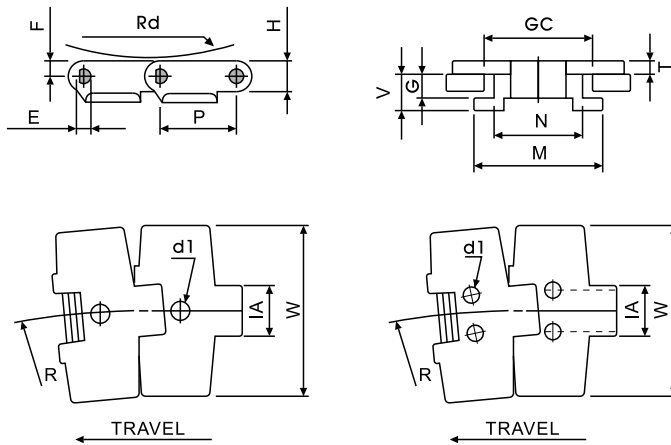
Materials



Sprockets
102/103/104



Applications



Dimension	mm	inches
P	38.1	1.500
W	—	—
H	20.0	0.787
T	4.0	0.157
E	6.4	0.281
M	61.1	2.406
F	7.6	0.300
V	11.5	0.453
N	42.9	1.689
RD	40.0	1.575
GC(Straight)	46.0	1.812
GC(Curve)	44.2	1.740

HS-880TAB VAACUM (Side Flexing Plastic Chain)

CHARACTERISTICS										
	Width W		Working Load		d1	R		IA		Weight
	(mm)	(inch)	N(21℃)	lbs(21℃)	(mm)	(mm)	(inch)	(mm)	(inch)	(kg/m)
HS-880TAB-K325 B1	82.5	3.25	2100	472	5/6/6.5	457	17.99	–	–	0.94
					8/9.5/10					
HS-828TAB-K325 B2	82.5	3.25	2100	472	6/8	457	17.99	24/20	0.95	0.94
HS-828TAB-K450 B2	114.3	4.50	2100	472	6	457	17.99	24	0.95	1.08

*IA=Distance between centres.
*B1=one bore B2=two bores

HS-820-EL SERIES

Plate Materials: POM-DP,POM-LF
Pin Material: Cold rolled austenitic stainless steel



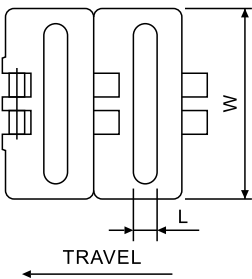
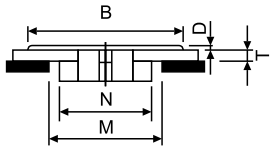
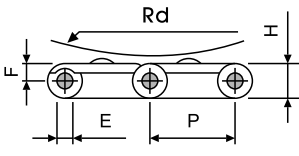
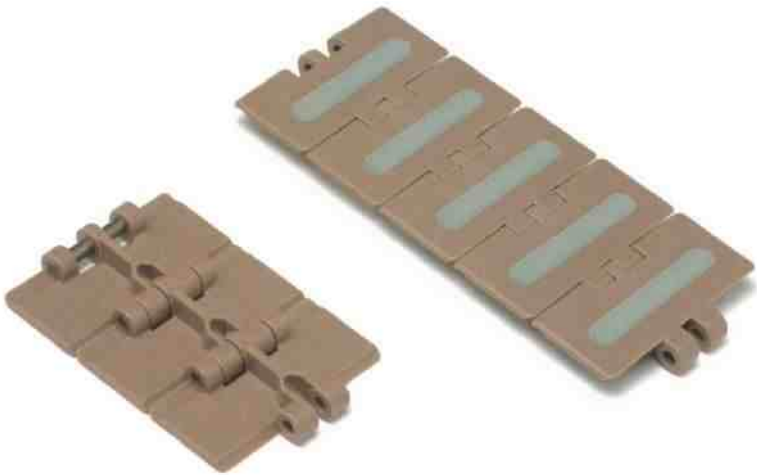
Materials



Sprockets
87/88/
89/98/99



Applications



Dimension	mm	inches
P	38.1	1.500
W	-	-
E	6.4	0.250
T	4.0	0.157
F	7.2	0.283
M	44.5	1.752
N	42.1	1.657
D	2.0	0.079
L	10.0	0.394
H	13.5	0.531
RD	178.0	7.008

B:65. 0/101. 6/114. 3/135. 0

HS-820-EL (Straight Running Plastic Chain)

	Width W		Working Load		Radius		Reverse Radius		Weight
	(mm)	(inch)	N(21℃)	lbs(21℃)	(mm)	(inch)	(mm)	(inch)	
HS-820-EL-K325	82.5	3.25	1230	276	-	-	40	1.575	0.83
HS-820-EL-K400	101.6	4.00	1230	276	-	-	40	1.575	0.95
HS-820-EL-K450	114.3	4.50	1230	276	-	-	40	1.575	1.03
HS-820-EL-K600	152.4	6.00	1230	276	-	-	40	1.575	1.25

HS-821-EL SERIES

Plate Materials: POM-DP,POM-LF
Pin Material: Cold rolled austenitic stainless steel



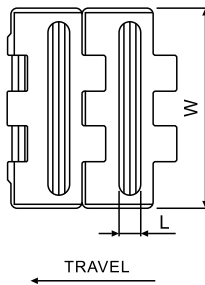
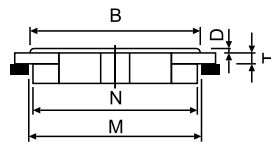
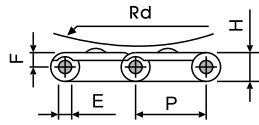
Materials



Sprockets
91/100/101



Applications



Dimension	mm	inches
P	38.1	1.500
W	-	-
E	6.4	0.250
T	4.8	0.189
F	7.9	0.311
M	140.0	5.512
N	136.5	5.374
D	2.0	0.079
L	10.0	0.394
H	14.3	0.563
RD	40.0	1.575

B:132. 0/195. 0/245. 0

HS-821-EL (Straight Running Plastic Chain)

	Width W		Working Load		Radius		Reverse Radius		Weight
	(mm)	(inch)	N(21℃)	lbs(21℃)	(mm)	(inch)	(mm)	(inch)	
HS-821-EL-K750	190.5	7.50	2680	603	-	-	40	1.575	2.50
HS-821-EL-K1000	254.0	10.00	2680	603	-	-	40	1.575	2.95
HS-821-EL-K1200	304.8	12.00	2680	603	-	-	40	1.575	3.25

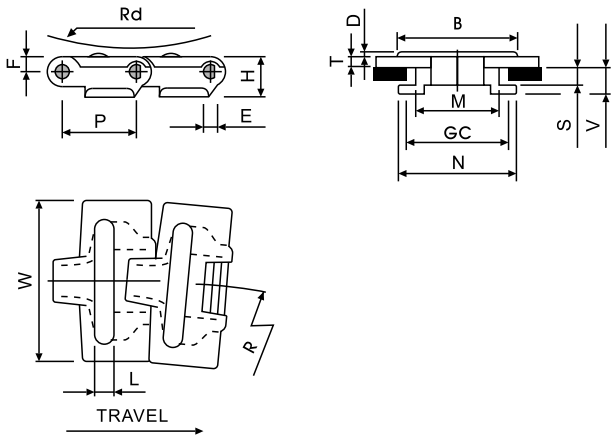
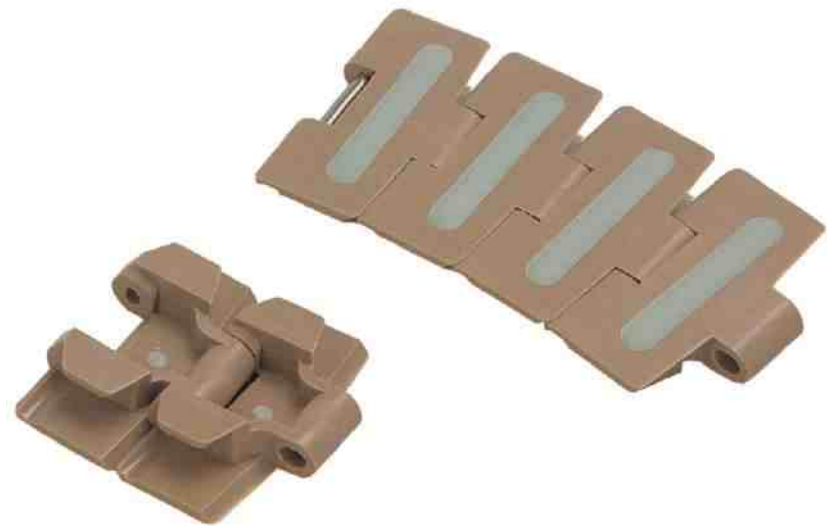
HS-880-EL SERIES

Plate Materials: POM-DP,POM-LF
Pin Material: Cold rolled austenitic stainless steel

Materials

Sprockets 102/103/104

Applications



Dimension	mm	inches
P	38.1	1.500
W	-	-
E	7.1	0.280
T	4.0	0.157
F	7.6	0.300
N	61.1	2.406
M	42.9	1.689
D	2.0	0.079
L	10.0	0.394
H	20.0	0.787
R	400.0	1.575
S	11.5	0.453
V	16.0	0.630
RD	40.0	1.575
GC(Straight)	46.0	1.811
GC(Curve)	44.2	1.740

B:65. 0/95. 0

HS-880-EL (Side Flexing Plastic Chain)

	Width W		Working Load		Radius		Reverse Radius		Weight
	(mm)	(inch)	N(21℃)	lbs(21℃)	(mm)	(inch)	(mm)	(inch)	
HS-880-EL-K325	82.5	3.25	2100	472	457	18.00	40	1.575	0.94
HS-880-EL-K450	114.3	4.50	2100	472	500	19.69	40	1.575	1.08

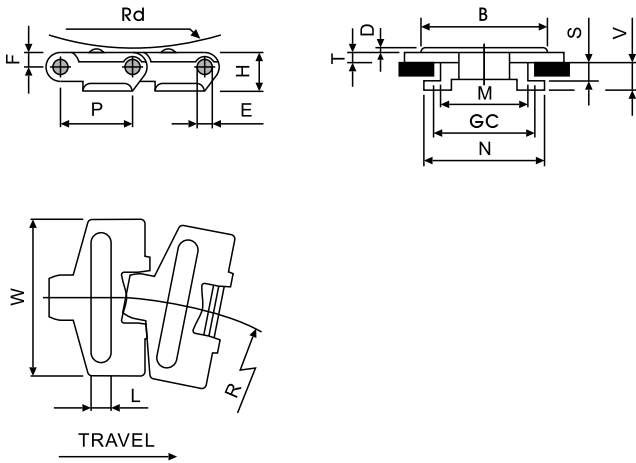
HS-880-EL BO SERIES

Plate Materials: POM-DP,POM-LF
Pin Material: Cold rolled austenitic stainless steel

Materials

Sprockets 102/103/104

Applications



Dimension	mm	inches
P	38.1	1.500
W	-	-
E	7.1	0.280
T	4.0	0.157
F	7.6	0.300
N	61.1	2.406
M	42.9	1.689
D	2.0	0.079
L	10.0	0.394
H	20.0	0.787
R	400.0	1.575
S	11.5	0.453
V	16.0	0.630
B	65.0	2.560
RD	40.0	1.575
GC(Straight)	46.0	1.811
GC(Curve)	44.2	1.740

HS-880-EL BO (Side Flexing Plastic Chain)

	Width W		Working Load		Radius		Reverse Radius		Weight
	(mm)	(inch)	N(21℃)	lbs(21℃)	(mm)	(inch)	(mm)	(inch)	
HS-880-EL BO-K325	82.5	3.25	1680	378	190	7.48	40	1.575	0.96

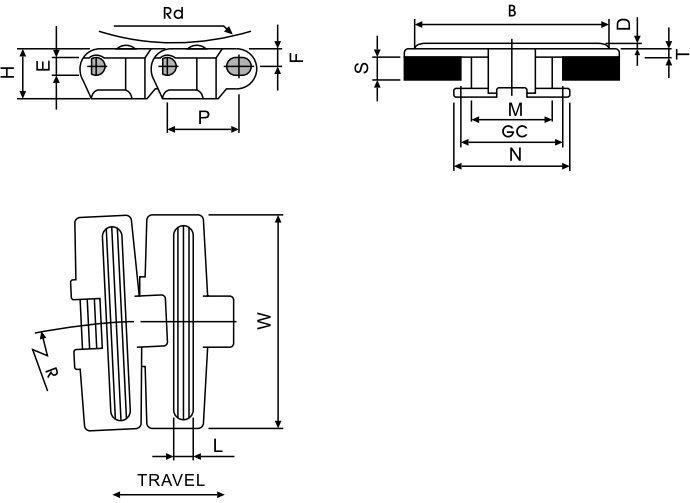
HS-882-EL TAB SERIES

Plate Materials: POM-DP,POM-LF
Pin Material: Cold rolled austenitic stainless steel

Materials

Sprockets
105/106/107

Applications



Dimension	mm	inches
P	38.1	1.500
W	-	-
E	8.7	0.343
T	4.0	0.157
F	9.5	0.374
M	57.2	2.252
N	76.2	3.000
D	2.0	0.079
L	11.0	0.433
H	27.0	1.063
R	610.0	24.016
S	17.0	0.670
RD	40.0	1.575
GC(Straight)	60.0	2.362
GC(Curve)	58.2	2.283

B:132.0/195. 0/246.0

HS-882-EL TAB (Side Flexing Plastic Chain)

	Width W		Working Load		Radius		Reverse Radius		Weight
	(mm)	(inch)	N(21℃)	lbs(21℃)	(mm)	(inch)	(mm)	(inch)	
HS-882-EL TAB-K750	190.5	7.50	3830	860	610	24.00	40	1.575	2.43
HS-882-EL TAB-K1000	254.0	10.00	3830	860	610	24.00	40	1.575	2.87
HS-882-EL TAB-K1200	304.8	12.00	3830	860	610	24.00	40	1.575	3.41

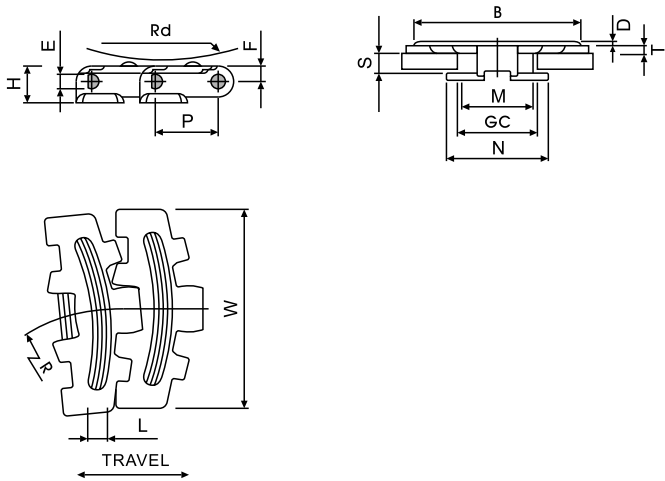
HS-878-EL BO SERIES

Plate Materials: POM-DP,POM-LF
Pin Material: Cold rolled austenitic stainless steel

Materials

Sprockets
102/103/104

Applications



Dimension	mm	inches
P	38.1	1.500
W	-	-
E	7.1	0.280
T	4.0	0.157
F	8.4	0.329
M	42.9	1.689
N	61.5	2.241
D	2.0	0.079
L	11.4	0.449
H	20.8	0.819
R	190.0	7.480
S	11.5	0.453
RD	40.0	1.575
GC(Straight)	46.0	1.811
GC(Curve)	44.2	1.740

B:132.0/195. 0/246.0

HS-878-EL BO (Side Flexing Plastic Chain)

	Width W		Working Load		Radius		Reverse Radius		Weight
	(mm)	(inch)	N(21℃)	lbs(21℃)	(mm)	(inch)	(mm)	(inch)	
HS-878-EL BO-K325	82.5	3.25	2100	472	190	7.48	40	1.575	1.08
HS-878-EL BO-K450	114.5	4.50	2100	472	190	7.48	40	1.575	1.20

HS-1873-EL TAB SERIES

Plate Materials: POM-DP,POM-LF
Base Chain Material: Carbon steel, Stainless steel



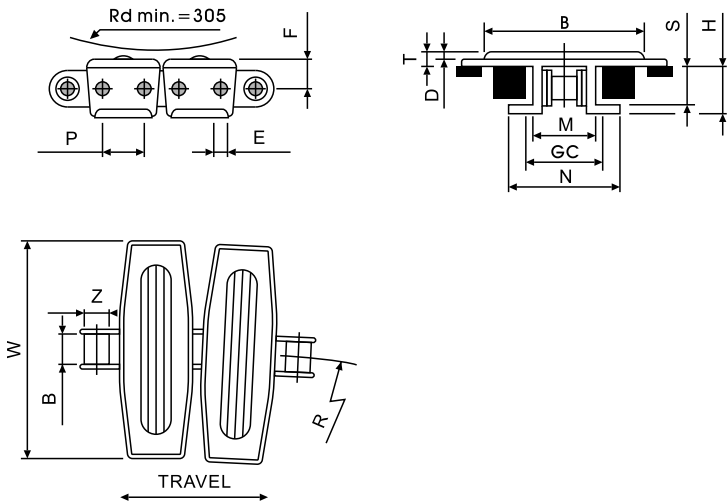
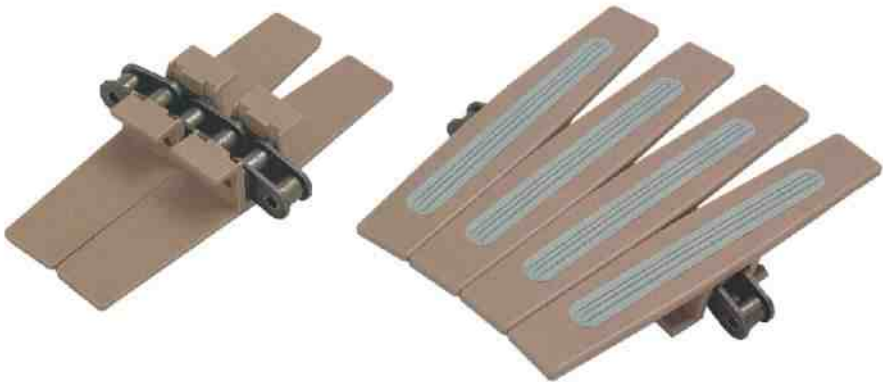
Materials



Sprockets
108



Applications



Dimension	mm	inches
P	19.1	0.750
W	-	-
E	5.1	0.200
T	4.2	0.165
F	14.3	0.563
M	31.8	1.252
N	57.2	2.250
D	2.0	0.079
B	12.7	0.500
H	25.4	1.000
R	457.0	17.992
S	20.6	0.811
Z	11.9	0.469
RD	305.0	12.008
GC(Straight)	33.3	1.311
GC(Curve)	34.6	1.362

B:132.0/195.0/245.0

HS-1873-EL TAB (Side Flexing Plastic Chain)

	Width W		Working Load		Radius		Reverse Radius		Weight
	(mm)	(inch)	N(21℃)	Ubf(21℃)	(mm)	(inch)	(mm)	(inch)	
HS-1873-EL TAB-K750	190.5	7.50	3400	765	457	18.0	305	24.0	3.10
HS-1873-EL TAB-K1000	254.0	10.00	3400	765	457	18.0	305	24.0	3.40
HS-1873-EL TAB-K1200	304.8	12.00	3400	765	457	18.0	305	24.0	3.60

*The above tensile force is for Carbon steel,Please consult our engineer for that of Stainless steel.

HS-1050 SERIES

Plate Materials: POM-DP,POM-LF
Pin Material: Cold rolled austenitic stainless steel



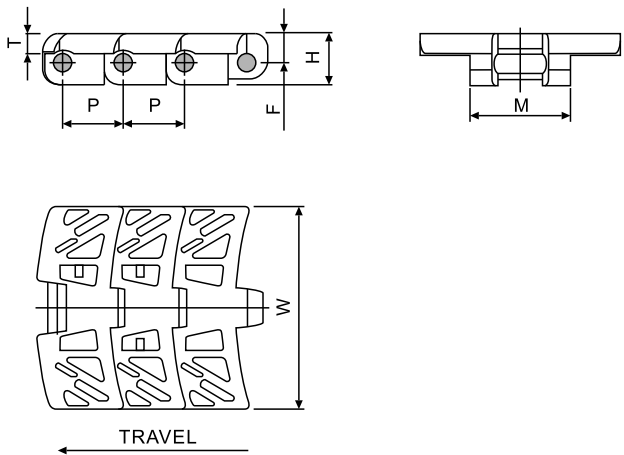
Materials



Sprockets
110/112



Applications



Dimension	mm	inches
P	25.4	1.000
W	83.8	3.300
T	8.7	0.343
F	12.2	0.480
M	42.2	1.661
H	21.1	0.831

HS-1050 (Side Flexing Plastic Chain)

	Width W		Working Load		Radius		Reverse Radius		Weight
	(mm)	(inch)	N(21℃)	lbs(21℃)	(mm)	(inch)	(mm)	(inch)	
HS-1050-K330	83.8	3.30	1650	370	500	19.69	130	5.12	1.54

HS-1060 SERIES

Plate Materials: POM-DP,POM-LF
Pin Material: Cold rolled austenitic stainless steel



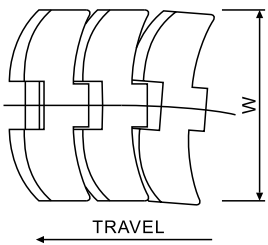
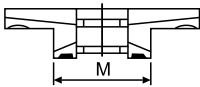
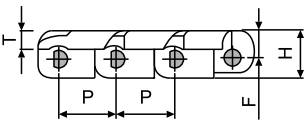
Materials



Sprockets
110/112



Applications



Dimension	mm	inches
P	25.4	1.000
W	83.8	3.300
T	8.7	0.343
F	12.2	0.480
M	42.2	1.661
H	21.1	0.831

HS-1060 (Side Flexing Plastic Chain)

CHARACTERISTICS									
	Width W		Working Load		Radius		Reverse Radius		Weight
	(mm)	(inch)	N(21℃)	lbs(21℃)	(mm)	(inch)	(mm)	(inch)	
HS-1060-K330	83.8	3.30	1890	425	500	19.69	130	5.12	1.68

HS-1050 TAB SERIES

Plate Materials: POM-DP,POM-LF
Pin Material: Cold rolled austenitic stainless steel



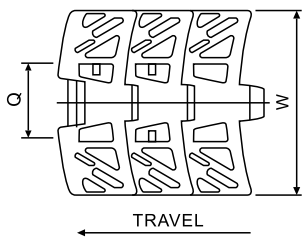
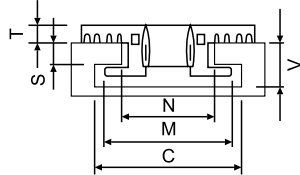
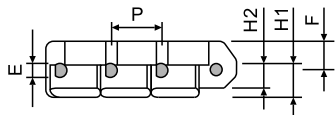
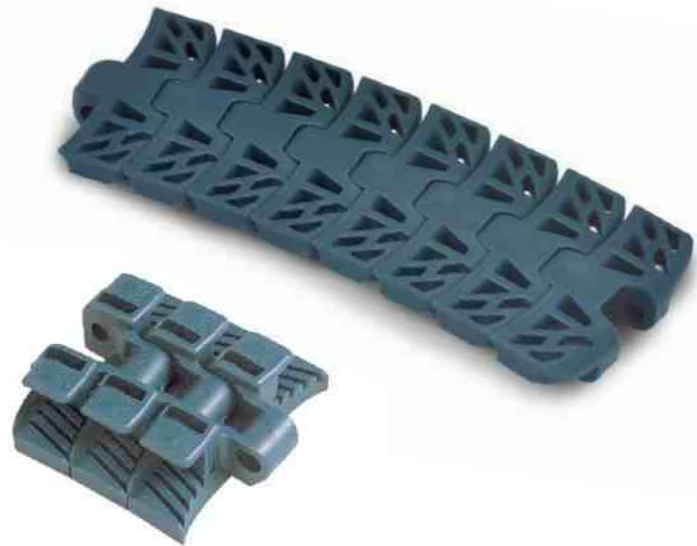
Materials



Sprockets
110/112



Applications



Dimension	mm	inches
P	25.4	1.000
W	83.8	3.300
E	8.6	0.340
T	8.7	0.343
F	12.2	0.480
M	61.5	2.421
N	45.0	1.771
S	10.0	0.394
Q	42.0	1.654
V	20.0	0.787
C	70.0	2.756
H1	16.0	0.630
H2	12.0	0.472

HS-1050 TAB (Side Flexing Plastic Chain)

CHARACTERISTICS									
	Width W		Working Load		Radius		Reverse Radius		Weight
	(mm)	(inch)	N(21℃)	lbs(21℃)	(mm)	(inch)	(mm)	(inch)	
Hs1050 TAB-K330	83.8	3.30	1650	370	500	19.69	130	5.12	1.93

HS-1060 TAB SERIES

Plate Materials: POM-DP,POM-LF
Pin Material: Cold rolled austenitic stainless steel



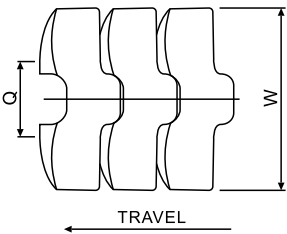
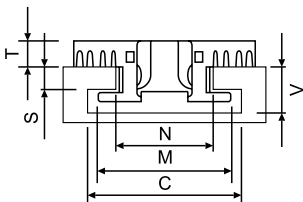
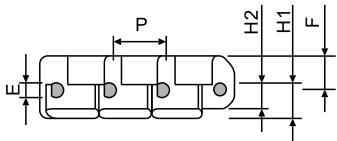
Materials



Sprockets
110/112



Applications



Dimension	mm	inches
P	25.4	1.000
W	83.8	3.300
E	8.6	0.340
T	12.7	0.500
F	12.2	0.480
M	61.5	2.421
N	45.0	1.771
S	10.0	0.394
Q	42.0	1.654
V	20.0	0.787
C	70.0	2.756
H1	16.0	0.630
H2	12.0	0.472

HS-1060 TAB (Side Flexing Plastic Chain)

	Width W		Working Load		Radius		Reverse Radius		Weight
	(mm)	(inch)	N(21℃)	lbs(21℃)	(mm)	(inch)	(mm)	(inch)	
HS-1060 TAB-K330	83.8	3.30	1890	425	500	19.69	130	5.12	2.13

HS-1843 TAB SERIES

Plate Materials: POM-DP,POM-LF
Base Chain Material: Carbon steel, Stainless steel



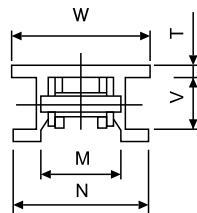
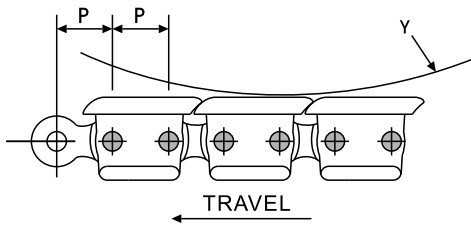
Materials



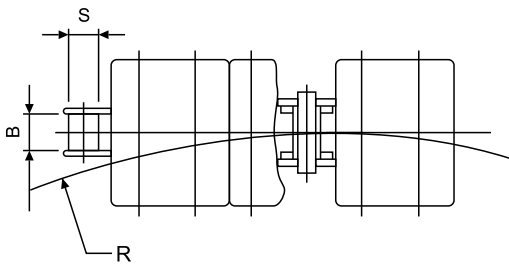
Sprockets



Applications



Dimension	mm	inches
P	12.7	0.500
W	—	—
Y	50.0	1.969
T	3.2	0.126
N	20.0	0.787
M	31.0	1.220
S	8.0	0.315
B	7.9	0.311
V	11.0	0.433
R	254.0	10.000



HS-1843 (Side Flexing Plastic Chain)

	Width W		Working Load		Radius		Reverse Radius		Weight
	(mm)	(inch)	N(21℃)	lbs(21℃)	(mm)	(inch)	(mm)	(inch)	
HS-1843 TAB-K125	31.8	1.25	2700	608	254	10	50	2.0	0.74
HS-1843 TAB-K200	50.8	2.00	2700	608	254	10	50	2.0	0.89
HS-1843 TAB SS-K125	31.8	1.25	2700	608	254	10	50	2.0	0.74
HS-1843 TAB SS-K200	50.8	2.00	2700	608	254	10	50	2.0	0.89

*The above tensile force is for Carbon steel,Please consult our engineer for that of Stainless steel.

HS-843 SERIES

Plate Materials: POM-DP,POM-LF
Base Chain Material: Carbon steel, Stainless steel



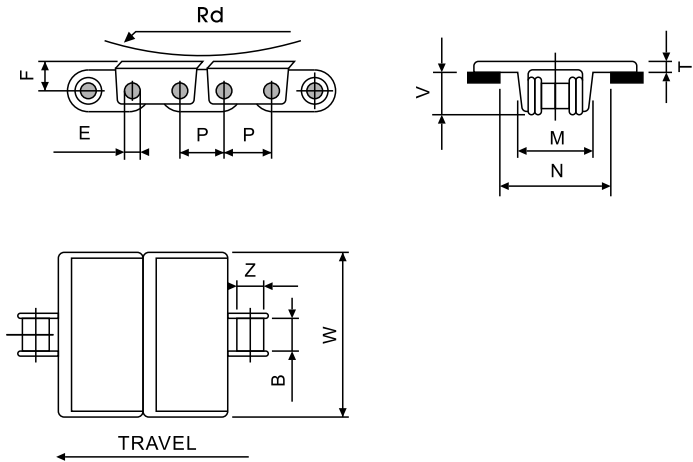
Materials



Sprockets



Applications



Dimension	mm	inches
P	12.7	0.500
W	—	—
E	4.0	0.147
T	3.2	0.126
F	9.1	0.358
N	23.8	0.937
M	20.6	0.787
Z	8.0	0.315
B	8.0	0.453
V	11.5	0.453
RD	153.0	6.024

HS-843 (Straight Running Plastic Chain)

	Width W		Working Load		Radius		Reverse Radius		Weight
	(mm)	(inch)	N(21℃)	lbs(21℃)	(mm)	(inch)	(mm)	(inch)	
HS-843-K138	34.9	1.37	2700	608	—	—	153	6.0	0.83
HS-843-K144	36.5	1.44	2700	608	—	—	153	6.0	0.84
HS-843-K200	50.8	2.00	2700	608	—	—	153	6.0	0.89
HS-843-K275	69.9	2.75	2700	608	—	—	153	6.0	0.92
HS-843-K325	82.5	3.25	2700	608	—	—	153	6.0	1.03

*The above tensile force is for Carbon steel,Please consult our engineer for that of Stainless steel.

HS-845 SERIES

Plate Materials: POM-DP,POM-LF
Base Chain Material: Carbon steel, Stainless steel



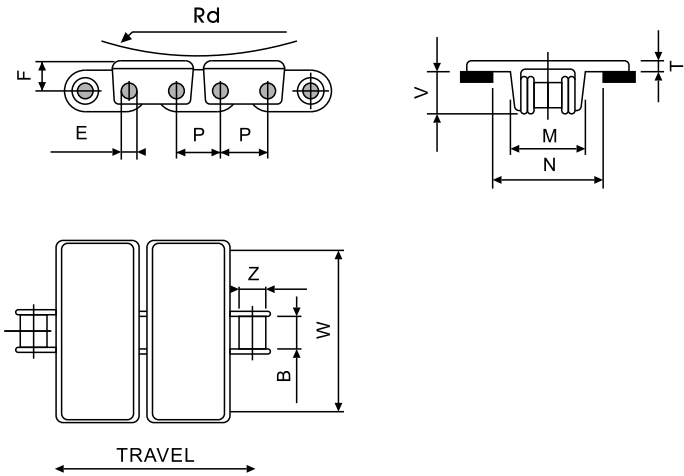
Materials



Sprockets



Applications



Dimension	mm	inches
P	12.7	0.500
W	—	—
E	4.0	0.147
T	3.2	0.126
F	9.1	0.358
N	23.8	0.937
M	20.6	0.787
Z	8.0	0.315
B	8.0	0.453
V	11.5	0.453
RD	458.0	18.031

HS-845 (Straight Running Plastic Chain)

	Width W		Working Load		Radius		Reverse Radius		Weight
	(mm)	(inch)	N(21℃)	lbs(21℃)	(mm)	(inch)	(mm)	(inch)	
HS-845-K118	28.6	1.16	3500	788	—	—	458	18.0	0.85
HS-845-K138	34.9	1.37	3500	788	—	—	458	18.0	0.89
HS-845-K200	50.8	2.00	3500	788	—	—	458	18.0	0.99

*The above tensile force is for Carbon steel,Please consult our engineer for that of Stainless steel.

HS-863 SERIES

Plate Materials: POM-DP,POM-LF
Base Chain Material: Carbon steel, Stainless steel



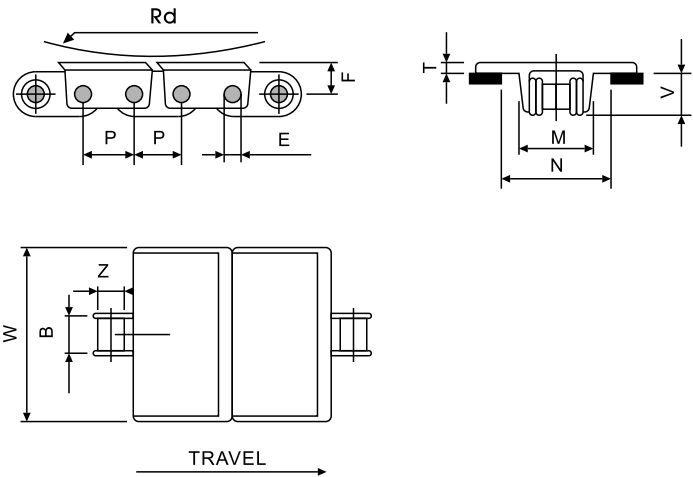
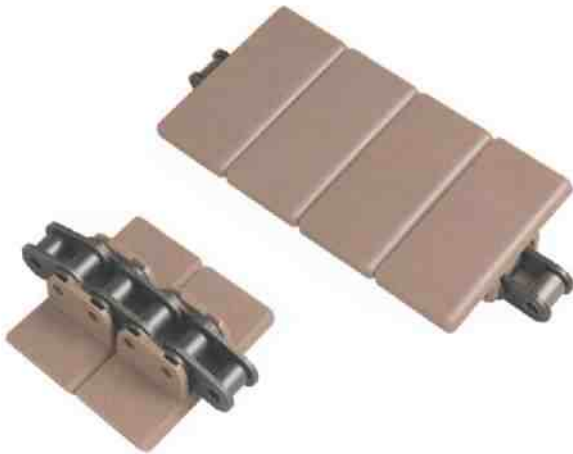
Materials



Sprockets



Applications



Dimension	mm	inches
P	19.1	0.750
W	—	—
E	6.0	0.236
T	4.0	0.157
F	14.3	0.563
N	36.5	1.434
M	34.1	1.343
Z	11.9	0.469
B	12.6	0.496
V	19.0	0.748
RD	153.0	6.024

HS-863 (Straight Running Plastic Chain)

CHARACTERISTICS									
	Width W		Working Load		Radius		Reverse Radius		Weight
	(mm)	(inch)	N(21℃)	lbs(21℃)	(mm)	(inch)	(mm)	(inch)	(kg/m)
HS-863-K175	44.5	1.75	5000	1125	—	—	153	6.0	1.90
HS-863-K250	63.5	2.50	5000	1125	—	—	153	6.0	2.00
HS-863-K325	82.5	3.25	5000	1125	—	—	153	6.0	2.10
HS-863-K450	114.3	4.50	5000	1125	—	—	153	6.0	2.30
HS-863-K600	152.4	6.00	5000	1125	—	—	153	6.0	2.50
HS-863-K750	190.5	7.50	5000	1125	—	—	153	6.0	2.70

*The above tensile force is for Carbon steel,Please consult our engineer for that of Stainless steel.

HS-963 SERIES

Plate Materials: POM-DP,POM-LF
Base Chain Material: Carbon steel, Stainless steel



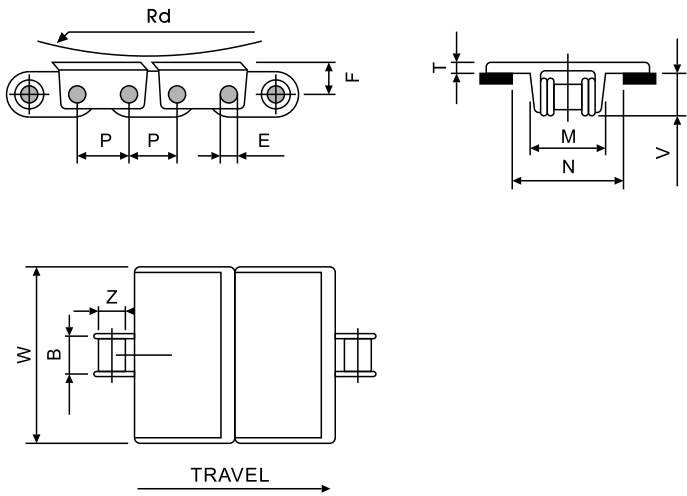
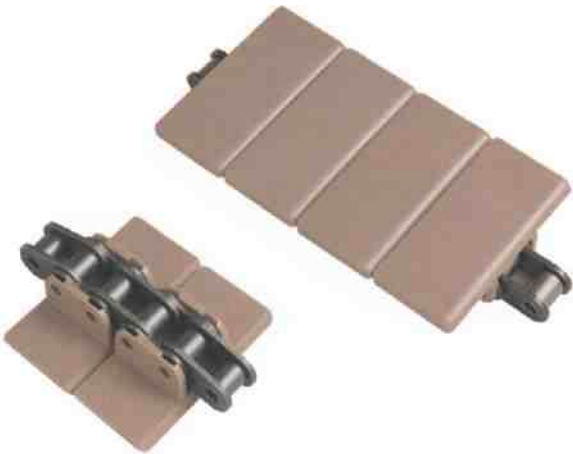
Materials



Sprockets



Applications



Dimension	mm	inches
P	19.1	0.750
W	—	—
E	5.1	0.200
T	4.0	0.157
F	14.3	0.563
N	36.5	1.434
M	34.1	1.343
Z	11.9	0.469
B	12.6	0.496
V	19.0	0.748
RD	153.0	6.024

HS-963 (Straight Running Plastic Chain)

CHARACTERISTICS									
	Width W		Working Load		Radius		Reverse Radius		Weight
	(mm)	(inch)	N(21℃)	lbs(21℃)	(mm)	(inch)	(mm)	(inch)	(kg/m)
HS-963-K325	82.5	3.25	4500	1014	—	—	153	6.0	2.10
HS-963-K450	114.3	4.50	4500	1014	—	—	153	6.0	2.23
HS-963-K600	152.4	6.00	4500	1014	—	—	153	6.0	2.53
HS-963-K750	190.5	7.50	4500	1014	—	—	153	6.0	2.68

*The above tensile force is for Carbon steel,Please consult our engineer for that of Stainless steel.

HS-1873D SERIES

Plate Materials: POM-DP,POM-LF
Base Chain Material: Carbon steel, Stainless steel



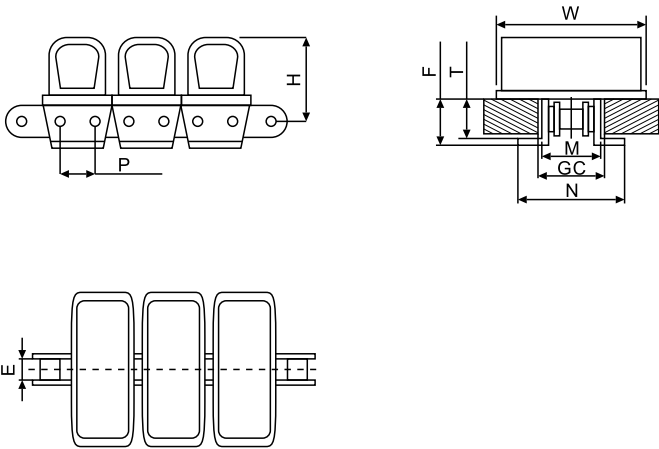
Materials



Sprockets



Applications



Dimension	mm	inches
P	19.05	0.750
M	32.0	1.260
W	—	—
H	42.6	1.654
T	20.6	0.787
F	24.5	0.965
N	55.0	2.165
E	12.7	0.472
GC(Straight)	33.3	1.311
GC(Curve)	34.9	1.374

HS-1873D (Side Flexing Plastic Chain)

	Width W		Working Load		Radius		Reverse Radius		Weight
	(mm)	(inch)	N(21℃)	lbs(21℃)	(mm)	(inch)	(mm)	(inch)	
HS-1873D-K325	82.6	3.25	3400	765	356	14.0	305	24.0	2.90
HS-1873D-K450	114.3	4.50	3400	765	356	14.0	305	24.0	3.50
HS-1873D-K600	152.4	6.00	3400	765	457	18.0	305	24.0	4.10
HS-1873D-K750	190.5	7.50	3400	765	457	18.0	305	24.0	4.50

*The above tensile force is for Carbon steel,Please consult our engineer for that of Stainless steel.

HS-1873T SERIES

Plate Materials: POM-DP,POM-LF
Base Chain Material: Carbon steel, Stainless steel



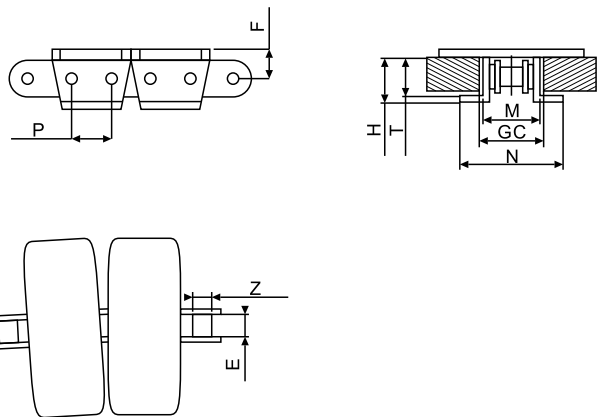
Materials



Sprockets



Applications



Dimension	mm	inches
P	19.05	0.750
M	32.0	1.260
Z	11.91	0.459
H	24.5	0.965
T	20.6	0.787
F	14.3	0.563
N	55.0	2.165
E	12.7	0.472
GC(Straight)	33.3	1.311
GC(Curve)	34.6	1.362

HS-1873T (Side Flexing Plastic Chain)

	Width W		Working Load		Radius		Reverse Radius		Weight
	(mm)	(inch)	N(21℃)	lbs(21℃)	(mm)	(inch)	(mm)	(inch)	
HS-1873T-K325	82.6	3.25	3400	765	356	14.0	305	24.0	2.10
HS-1873T-K450	114.3	4.50	3400	765	356	14.0	305	24.0	2.26
HS-1873T-K600	152.4	6.00	3400	765	475	18.0	305	24.0	2.41
HS-1873T-K750	190.5	7.50	3400	765	475	18.0	305	24.0	2.56
HS-1873T-K1000	254.0	10.00	3400	765	475	18.0	305	24.0	2.78
HS-1873T-K1200	304.8	12.00	3400	765	610	24.0	305	24.0	3.00

*The above tensile force is for Carbon steel,Please consult our engineer for that of Stainless steel.

HS-1873G4 SERIES

Plate Materials: POM-DP,POM-LF
Base Chain Material: Carbon steel, Stainless steel



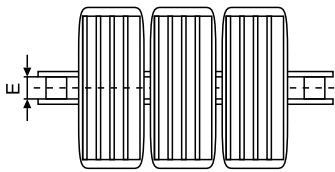
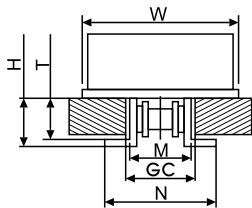
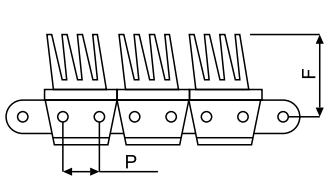
Materials



Sprockets



Applications



Dimension	mm	inches
P	19.05	0.750
M	32.0	1.260
W	—	—
H	24.5	0.965
T	20.6	0.787
F	44.0	1.732
N	53.8	2.087
E	12.7	0.472
GC(Straight)	33.3	1.311
GC(Curve)	34.6	1.362

HS-1873G4 (Side Flexing Plastic Chain)

	Width W		Working Load		Radius		Reverse Radius		Weight
	(mm)	(inch)	N(21℃)	lbs(21℃)	(mm)	(inch)	(mm)	(inch)	
HS-1873G4-K325	82.6	3.25	3400	765	356	14.0	305	24.0	3.00
HS-1873G4-K450	114.3	4.50	3400	765	356	14.0	305	24.0	3.40

*The above tensile force is for Carbon steel,Please consult our engineer for that of Stainless steel.

HS-1873T-GD SERIES

Plate Materials: POM-DP,POM-LF
Base Chain Material: Carbon steel, Stainless steel



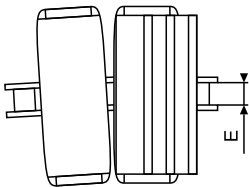
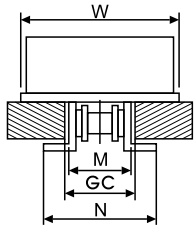
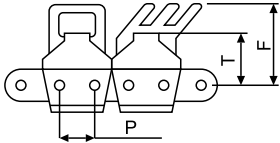
Materials



Sprockets



Applications



Dimension	mm	inches
P	19.05	0.750
M	32.0	1.260
W	95.3	3.750
T	28.6	1.126
F	44.4	1.748
N	56.5	2.224
E	12.7	0.472
GC(Straight)	34.1	1.343
GC(Curve)	34.9	1.374

HS-1873T-GD (Side Flexing Plastic Chain)

	Width W		Working Load		Radius		Reverse Radius		Weight
	(mm)	(inch)	N(21℃)	lbs(21℃)	(mm)	(inch)	(mm)	(inch)	
HS-1873TAB-GD K375	95.3	3.75	3400	765	381	15.0	305	24.0	2.24
HS-1873TAB-GJ K375	95.3	3.75	3400	765	356	14.0	305	24.0	2.80

*The above tensile force is for Carbon steel,Please consult our engineer for that of Stainless steel.

HS-7100-83 G1 SERIES

Plate Materials: POM-DP,POM-LF
Pin Material: Cold rolled austenitic stainless steel



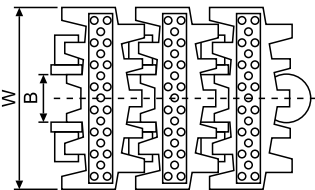
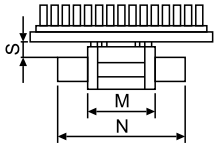
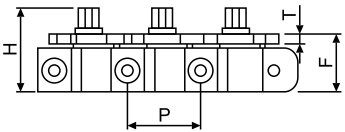
Materials



Sprockets
111



Applications



Dimension	mm	inches
P	33.5	1.319
W	83.0	3.268
T	4.0	0.157
F	25.5	1.004
M	31.0	1.220
N	58.2	2.291
B	22.9	0.902
H	38.0	1.496
S	7.0	0.276

HS-7100-83 G1 (Side Flexing Flexible Chains)

	Width W		Working Load		Radius		Reverse Radius		Weight
	(mm)	(inch)	N(21℃)	lbs(21℃)	(mm)	(inch)	(mm)	(inch)	
HS-7100-83 G1	83.0	3.25	1250	281	160	6.30	40	1.57	1.87

HS-7100-83 G3 SERIES

Plate Materials: POM-DP,POM-LF
Pin Material: Cold rolled austenitic stainless steel



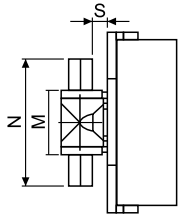
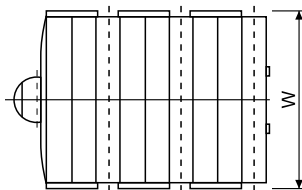
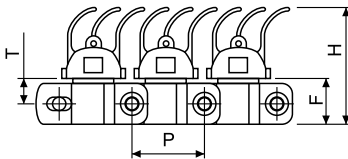
Materials



Sprockets
111



Applications



Dimension	mm	inches
P	33.5	1.319
W	83.0	3.268
T	12.5	0.492
F	21.5	0.846
M	31.0	1.220
N	58.2	2.291
H	53.5	2.106
S	7.0	0.276

HS-7100-83 G3 (Side Flexing Flexible Chains)

	Width W		Working Load		Radius		Reverse Radius		Weight
	(mm)	(inch)	N(21℃)	lbs(21℃)	(mm)	(inch)	(mm)	(inch)	
HS-7100-83 G3	83.0	3.25	1250	281	160	6.30	40	1.57	1.62

HS-7100-63 SERIES

Plate Materials: POM-DP,POM-LF
Pin Material: Cold rolled austenitic stainless steel



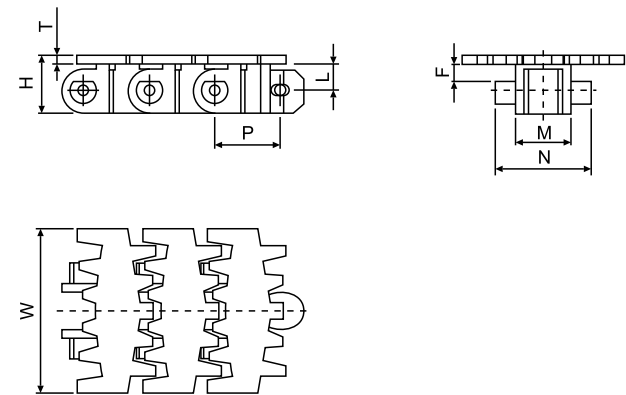
Materials



Sprockets
111



Applications



Dimension	mm	inches
P	25.4	1.0
M	20.8	0.819
W	63.0	2.480
H	22.5	0.886
F	7.0	0.276
L	10.0	0.394
T	3.5	0.138
N	37.0	1.457

HS-7100-63 (Side Flexing Flexible Chains)

CHARACTERISTICS									
	Width W		Working Load		Radius		Reverse Radius		Weight
	(mm)	(inch)	N(21℃)	lbs(21℃)	(mm)	(inch)	(mm)	(inch)	
HS-7100-63	63.0	2.48	500	112	150	5.91	40	1.57	0.8

*TPE cover can be added on the surface, Customizing according to customer's drawing and sample is acceptable.

HS-7100-70 SERIES

Plate Materials: POM-DP,POM-LF
Pin Material: Cold rolled austenitic stainless steel



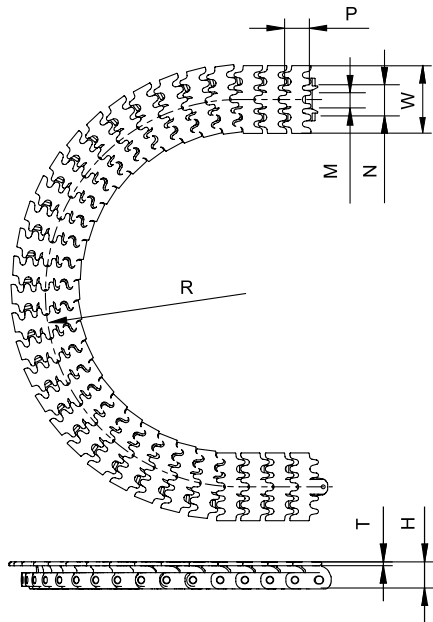
Materials



Sprockets
111



Applications



Dimension	mm	inches
P	25.0	0.984
W	70.0	2.756
T	4.0	0.157
R	200.0	7.874
M	15.2	0.598
N	44.0	1.732
H	27.5	1.083

HS-7100-70 (Side Flexing Flexible Chains)

CHARACTERISTICS									
	Width W		Working Load		Radius		Reverse Radius		Weight
	(mm)	(inch)	N(21℃)	lbs(21℃)	(mm)	(inch)	(mm)	(inch)	
HS-7100-70	70.0	2.76	—	—	200	7.87	—	—	1.6

*TPE cover can be added on the surface, Customizing according to customer's drawing and sample is acceptable.

HS-7100-80 SERIES

Plate Materials: POM-DP,POM-LF
Pin Material: Cold rolled austenitic stainless steel



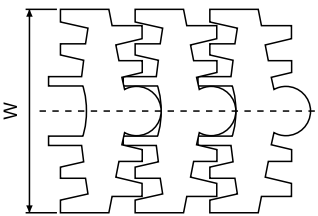
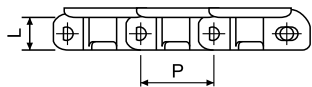
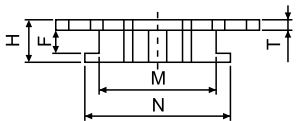
Materials



Sprockets
111



Applications



Dimension	mm	inches
P	30.0	1.181
M	48.0	1.890
W	80.0	3.150
H	17.0	0.670
T	3.5	0.138
F	10.0	0.394
N	59.5	2.323
L	13.5	0.531

HS-7100-80 (Side Flexing Flexible Chains)

	Width W		Working Load		Radius		Reverse Radius		Weight
	(mm)	(inch)	N(21℃)	lbs(21℃)	(mm)	(inch)	(mm)	(inch)	
HS-7100-80	80.0	3.0	700	27.55	160	6.30	75	2.95	0.86

*TPE cover can be added on the surface, Customizing according to customer's drawing and sample is acceptable.

HS-7100-83 SERIES

Plate Materials: POM-DP,POM-LF
Pin Material: Cold rolled austenitic stainless steel



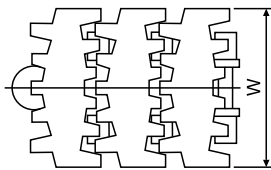
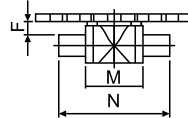
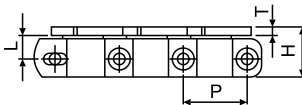
Materials



Sprockets
111



Applications



Dimension	mm	inches
P	33.5	1.319
M	31.0	1.220
W	83.0	3.268
H	25.5	0.004
F	7.0	0.276
L	12.5	0.429
T	4.0	0.138
N	58.2	2.291

HS-7100-83 (Side Flexing Flexible Chains)

	Width W		Working Load		Radius		Reverse Radius		Weight
	(mm)	(inch)	N(21℃)	lbs(21℃)	(mm)	(inch)	(mm)	(inch)	
HS-7100-83	83.0	3.26	1250	281	160	6.30	40	1.57	1.23

*TPE cover can be added on the surface, Customizing according to customer's drawing and sample is acceptable.

HS-7100-103 SERIES

Plate Materials: POM-DP,POM-LF
Pin Material: Cold rolled austenitic stainless steel



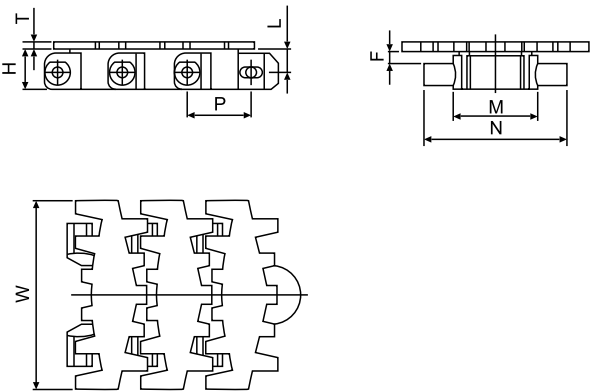
Materials



Sprockets
111



Applications



Dimension	mm	inches
P	35.5	1.398
M	46.0	1.811
W	103.0	4.055
H	21.4	0.843
F	7.0	0.276
L	12.4	0.489
T	4.5	0.177
N	79.0	3.110

HS-7100-103 (Side Flexing Flexible Chains)

	Width W		Working Load		Radius		Reverse Radius		Weight
	(mm)	(inch)	N(21℃)	lbs(21℃)	(mm)	(inch)	(mm)	(inch)	
HS-7100-103	103.0	4.06	1250	281	170	6.70	75	2.95	1.76

*TPE conver can be added on the surface, Customizing according to customer's drawing and sample is acceptable.

HS-7100-140 SERIES

Plate Materials: POM-DP,POM-LF
Pin Material: Cold rolled austenitic stainless steel



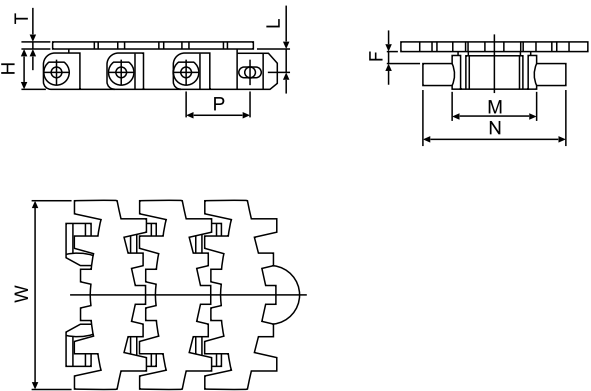
Materials



Sprockets
113



Applications



Dimension	mm	inches
P	38.0	1.496
M	52.0	2.047
W	140.0	5.511
H	20.0	0.787
F	11.0	0.433
L	15.0	0.591
T	5.0	0.197
N	58.2	2.283

HS-7100-140 (Side Flexing Flexible Chains)

	Width W		Working Load		Radius		Reverse Radius		Weight
	(mm)	(inch)	N(21℃)	lbs(21℃)	(mm)	(inch)	(mm)	(inch)	
HS-7100-140	140.0	5.51	2100	472	200	7.87	40	1.57	2.1

*TPE conver can be added on the surface, Customizing according to customer's drawing and sample is acceptable.

HS-83-EL SERIES

Plate Materials: POM-DP,POM-LF
Pin Material: Cold rolled austenitic stainless steel



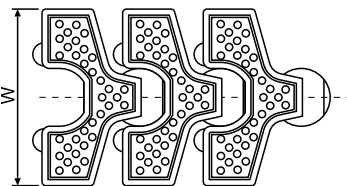
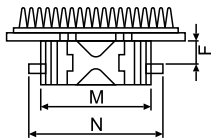
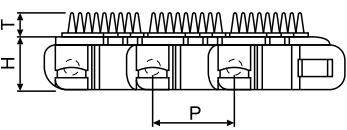
Materials



Sprockets
113



Applications



Dimension	mm	inches
P	38.0	1.496
M	52.0	2.047
W	83.0	3.268
H	25.0	0.984
T	10.5	0.394
F	11.0	0.433
N	64.0	2.520

HS-83-EL (Side Flexing Flexible Chains)

	Width W		Working Load		Radius		Reverse Radius		Weight
	(mm)	(inch)	N(21℃)	lbs(21℃)	(mm)	(inch)	(mm)	(inch)	
HS-83-EL	83.0	3.25	2100	472	150	5.90	150	5.91	2.30

HS-83-3 SERIES

Plate Materials: POM-DP,POM-LF
Pin Material: Cold rolled austenitic stainless steel



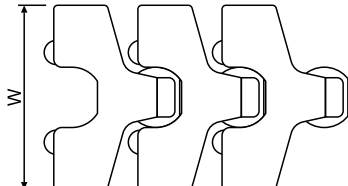
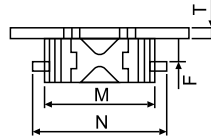
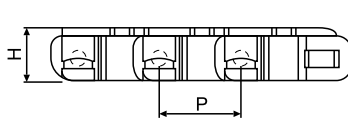
Materials



Sprockets
113



Applications



Dimension	mm	inches
P	38.0	1.496
M	64.0	2.520
W	83.0	3.268
H	25.0	0.984
T	5.0	0.197
F	11.0	0.433
N	64.0	2.520

HS-83-3 (Side Flexing Flexible Chains)

	Width W		Working Load		Radius		Reverse Radius		Weight
	(mm)	(inch)	N(21℃)	lbs(21℃)	(mm)	(inch)	(mm)	(inch)	
HS-83-3	83.0	3.25	2100	472	150	5.90	40	1.57	1.50

HS-114 SERIES

Plate Materials: POM-DP,POM-LF
Pin Material: Cold rolled austenitic stainless steel



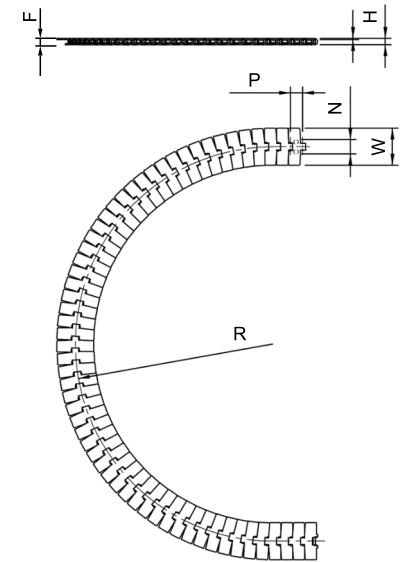
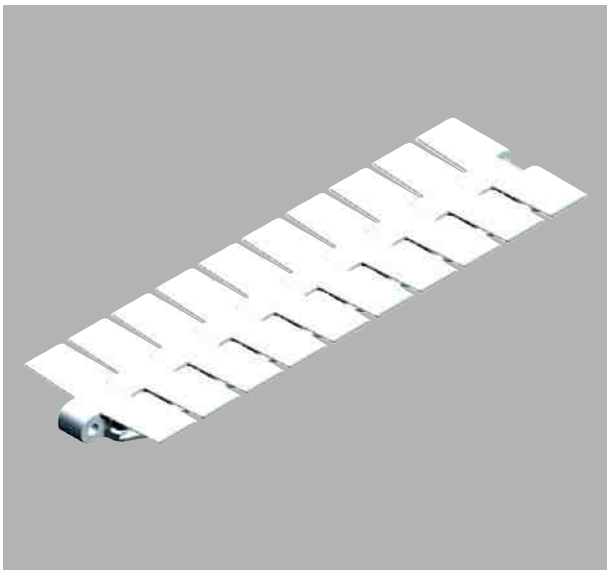
Materials



Sprockets
114



Applications



Dimension	mm	inches
P	36.8	1.449
W	114.0	4.500
T	4.0	0.157
R	609.0	23.976
F	11.9	0.468
N	44.4	1.748
H	20.0	0.787

HS-114 (Side Flexing Flexible Chains)

CHARACTERISTICS									
	Width W		Working Load		Radius		Reverse Radius		Weight
	(mm)	(inch)	N(21℃)	lbs(21℃)	(mm)	(inch)	(mm)	(inch)	
HS-114	114.0	4.5	2000	450	609	8.23	50	1.97	1.67

HS-2600-O SERIES

Plate Materials: POM-DP,POM-LF
Pin Material: Cold rolled austenitic stainless steel



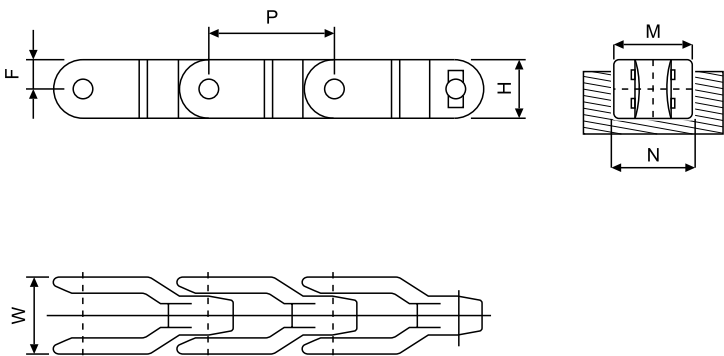
Materials



Sprockets
115



Applications



Dimension	mm	inches
P	63.5	2.480
M	42.0	1.654
W	42.0	1.654
H	28.4	1.102
N	45.0	1.772
F	14.2	0.560

HS-2600-O (Side Flexing Case Conveyor Chains)

CHARACTERISTICS									
	Width W		Working Load		Radius		Reverse Radius		Weight
	(mm)	(inch)	N(21℃)	lbs(21℃)	(mm)	(inch)	(mm)	(inch)	
HS-2600-O	42.0	1.66	6000	1349	600	23.62	75	2.95	1.30

HS-2600TAB-O SERIES

Plate Materials: POM-DP,POM-LF
Pin Material: Cold rolled austenitic stainless steel



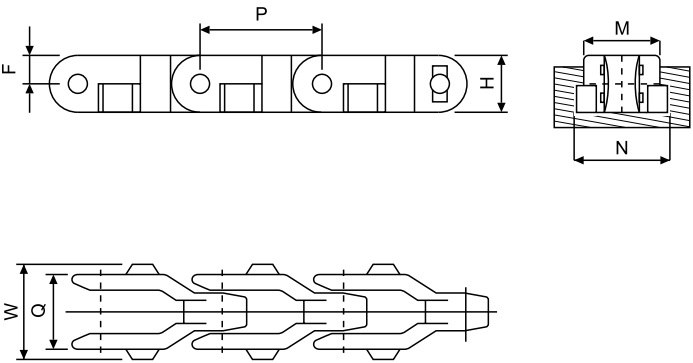
Materials



Sprockets
115



Applications



Dimension	mm	inches
P	63.5	2.480
M	45.0	1.772
W	54.0	2.126
H	28.4	1.102
N	58.0	2.283
F	14.2	0.560
Q	42.0	1.654

HS-2600TAB-O (Side Flexing Case Conveyor Chains)

	Width W		Working Load		Radius		Reverse Radius		Weight
	(mm)	(inch)	N(21℃)	lbs(21℃)	(mm)	(inch)	(mm)	(inch)	
HS-2600TAB-O	54.0	5.51	2100	472	200	7.87	40	1.57	2.10

HS-2800-O SERIES

Plate Materials: POM-DP,POM-LF
Pin Material: Cold rolled austenitic stainless steel



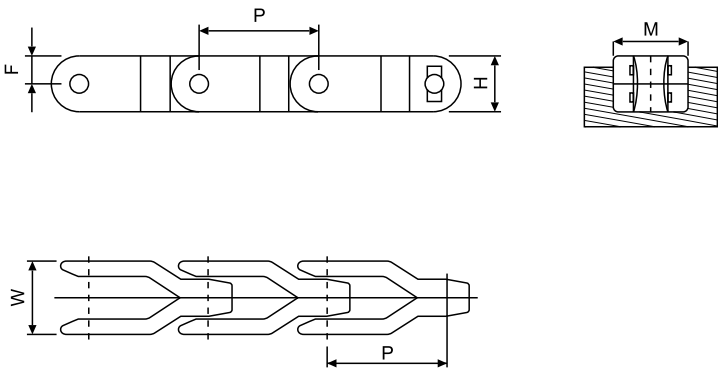
Materials



Sprockets
116



Applications



Dimension	mm	inches
P	82.5	3.228
M	50.0	1.969
W	50.0	1.969
H	38.0	1.496
F	19.0	0.748

HS-2800-O (Side Flexing Case Conveyor Chains)

	Width W		Working Load		Radius		Reverse Radius		Weight
	(mm)	(inch)	N(21℃)	lbs(21℃)	(mm)	(inch)	(mm)	(inch)	
HS-2800-O	50.0	1.97	6500	1462	660	26.00	75	2.95	1.70

HS-2800TAB-O SERIES

Plate Materials: POM-DP,POM-LF
Pin Material: Cold rolled austenitic stainless steel



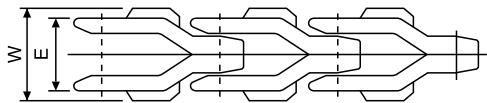
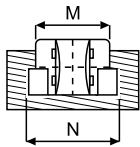
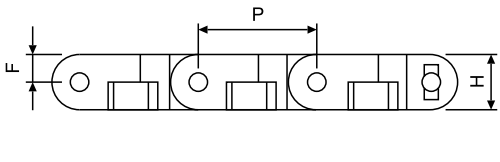
Materials



Sprockets
116



Applications



Dimension	mm	inches
P	82.5	3.228
M	50.0	1.969
W	65.0	2.560
H	38.0	1.496
N	69.0	2.717
F	19.0	0.748
E	50.0	1.969

HS-2800TAB-O (Side Flexing Case Conveyor Chains)

	Width W		Working Load		Radius		Reverse Radius		Weight
	(mm)	(inch)	N(21℃)	lbs(21℃)	(mm)	(inch)	(mm)	(inch)	
HS-2800TAB-O	65.0	5.51	2100	472	200	7.87	40	1.57	2.10

HS-40/50/60P SERIES

Plate Materials: POM-DP,POM-LF
Pin Material: Cold rolled austenitic stainless steel



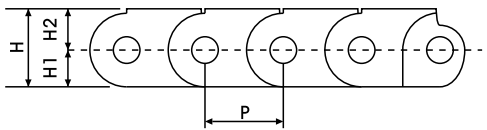
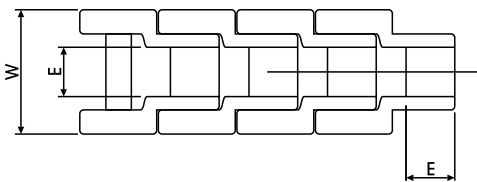
Materials



Sprockets



Applications



HS-40/50/60P (Straight Running Plastic Chain)

CHARACTERISTICS								
	P (mm)	E (mm)	W (mm)	H (mm)	H1 (mm)	H2 (mm)	Working Load KN	Weight (kg/m)
HS-40P	12.70	7.95	20.0	12.7	6.0	6.7	0.44	0.36
HS-50P	15.87	9.53	22.5	15.0	7.0	8.0	0.69	0.46
HS-60P	19.05	12.7	30.0	17.3	8.5	8.8	0.88	0.72

HS-W1080 SS SERIES

Plate Materials: POM-DP,POM-LF
Pin Material: Cold rolled austenitic stainless steel



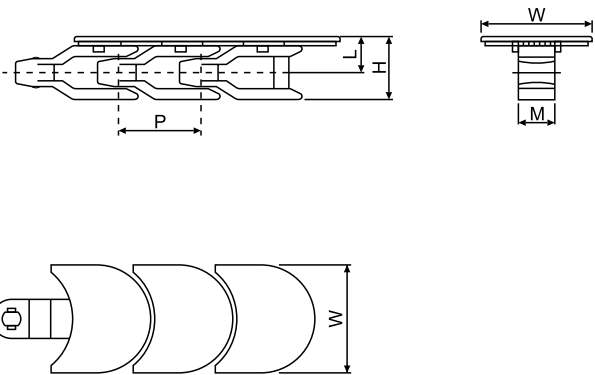
Materials



Sprockets



Applications



Dimension	mm	inches
P	63.5	2.500
M	28.4	1.118
W	85.0	3.346
H	48.0	1.890
L	27.0	1.063

HS-W1080 SS (Side Flexing Plastic Chain)

CHARACTERISTICS									
	Width W		Working Load		Radius		Reverse Radius		Weight
	(mm)	(inch)	N(21℃)	lbs(21℃)	(mm)	(inch)	(mm)	(inch)	
HS-W1080 SS	85.0	3.35	3950	888	83	3.27	50	1.97	1.76

HS-1700 SERIES

Plate Materials: POM-DP,POM-LF
Pin Material: Cold rolled austenitic stainless steel



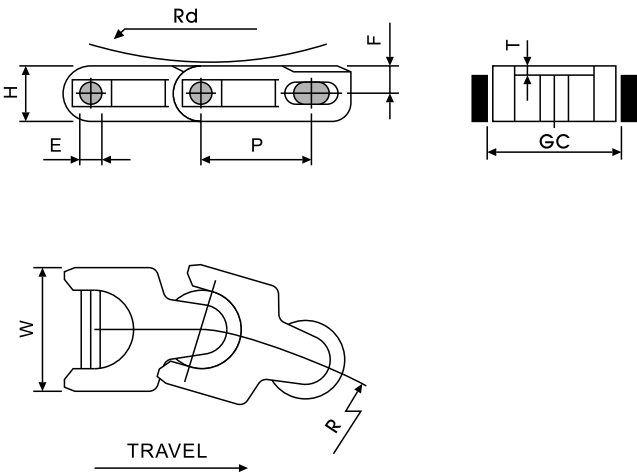
Materials



Sprockets
119



Applications



Dimension	mm	inches
P	50.0	1.969
R	140.0	5.512
W	55.0	2.165
H	24.0	0.945
T	3.0	0.118
F	12.0	0.472
E	8.0	0.315
GC	58.0	2.283
RD	50.0	1.969

HS-1700 (Side Flexing Keel Chains)

CHARACTERISTICS									
	Width W		Working Load		Radius		Reverse Radius		Weight
	(mm)	(inch)	N(21℃)	lbs(21℃)	(mm)	(inch)	(mm)	(inch)	
HS-1700	55.0	2.17	2670	601	140	5.51	38	1.50	2.51

HS-1 700TAB SERIES

Plate Materials: POM-DP,POM-LF
Pin Material: Cold rolled austenitic stainless steel



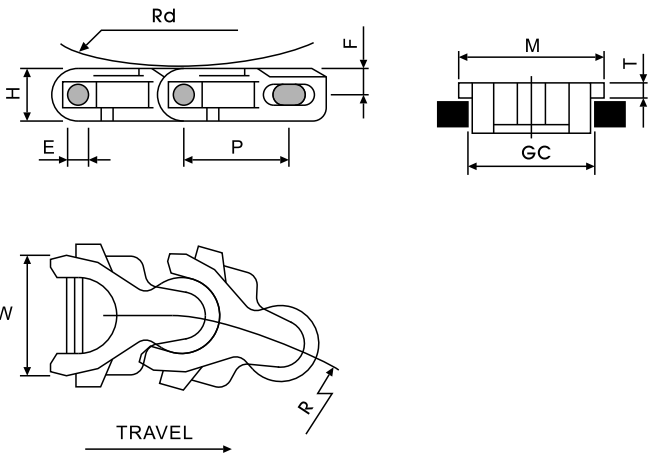
Materials



Sprockets
119



Applications



Dimension	mm	inches
P	50.0	1.969
R	140.0	5.512
W	55.0	2.165
H	24.0	0.945
T	6.0	0.236
F	12.0	0.472
E	8.0	0.315
M	67.0	2.637
GC	58.0	2.283
RD	50.0	1.969

HS-1 700TAB (Side Flexing Keel Chains)

CHARACTERISTICS									
	Width W		Working Load		Radius		Reverse Radius		Weight
	(mm)	(inch)	N(21℃)	lbs(21℃)	(mm)	(inch)	(mm)	(inch)	
HS-1700TAB	55.0	2.17	2670	601	140	5.51	38	1.5	1.30

HS-1701 SERIES

Plate Materials: POM-DP,POM-LF
Pin Material: Cold rolled austenitic stainless steel



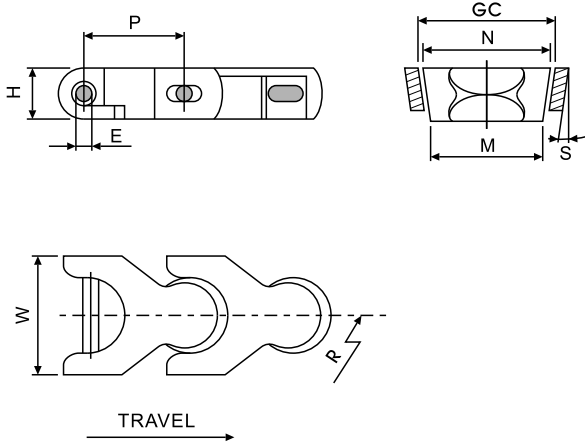
Materials



Sprockets
119



Applications



Dimension	mm	inches
P	50.0	1.969
R	150.0	5.906
W	52.0	2.047
H	25.0	0.984
N	58.4	2.300
S	8.0	0.315
E	8.0	0.315
M	52.4	2.063
GC	62.0	2.441

HS-1701 (Side Flexing Keel Chains)

CHARACTERISTICS									
	Width W		Working Load		Radius		Reverse Radius		Weight
	(mm)	(inch)	N(21℃)	lbs(21℃)	(mm)	(inch)	(mm)	(inch)	
HS-1701	52.0	2.05	2669	600	150	5.90	50	1.97	1.42

HS-1701TAB SERIES

Plate Materials: POM-DP,POM-LF
Pin Material: Cold rolled austenitic stainless steel



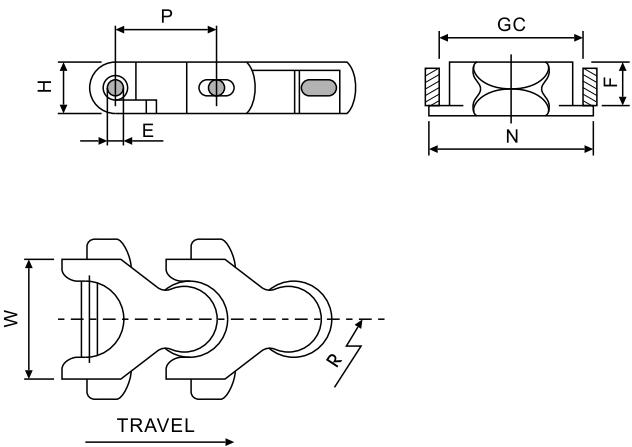
Materials



Sprockets
119



Applications



Dimension	mm	inches
P	50.0	1.969
R	150.0	5.906
W	53.2	2.094
H	25.0	0.984
N	66.7	2.626
F	19.0	0.748
E	8.0	0.315
GC(Straight)	57.5	2.264
GC(Curve)	56.0	2.205

HS-1701TAB (Side Flexing Keel Chains)

CHARACTERISTICS									
	Width W		Working Load		Radius		Reverse Radius		Weight
	(mm)	(inch)	N(21℃)	lbs(21℃)	(mm)	(inch)	(mm)	(inch)	
HS-1701TAB	53.2	2.09	2669	600	150	5.9	50	1.97	1.49

HS-1702 SERIES

Plate Materials: POM-DP,POM-LF
Pin Material: Cold rolled austenitic stainless steel



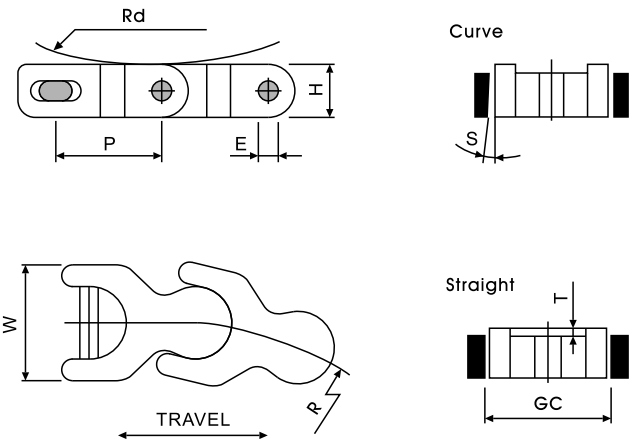
Materials



Sprockets
119



Applications



Dimension	mm	inches
P	50.0	1.969
R	150.0	5.906
W	53.2	2.094
H	25.0	0.984
T	4.8	0.189
S	2.0	0.079
E	8.0	0.315
RD	50.0	1.969
GC(Straight)	59.5	2.343
GC(Curve)	56.8	2.236

HS-1702 (Side Flexing Keel Chains)

CHARACTERISTICS									
	Width W		Working Load		Radius		Reverse Radius		Weight
	(mm)	(inch)	N(21℃)	lbs(21℃)	(mm)	(inch)	(mm)	(inch)	
HS-1702	53.2	2.09	2669	600	150	5.90	50	1.97	1.55

HS-F54 SERIES

Plate Materials: POM-DP,POM-LF
Pin Material: Cold rolled austenitic stainless steel



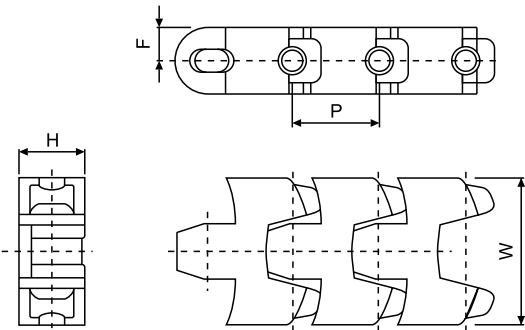
Materials



Sprockets
118



Applications



Dimension	mm	inches
P	31.7	1.969
F	12.0	0.472
W	54.0	2.126
H	24.0	0.979

HS-F54 (Side Flexing Plastic Chain)

CHARACTERISTICS									
	Width W		Working Load		Radius		Reverse Radius		Weight (kg/m)
	(mm)	(inch)	N(21℃)	lbs(21℃)	(mm)	(inch)	(mm)	(inch)	
HS-F54	54	2.13	2000	450	200	7.87	50	1.97	1.6

LBP Chains
(Low Back-line Pressure)



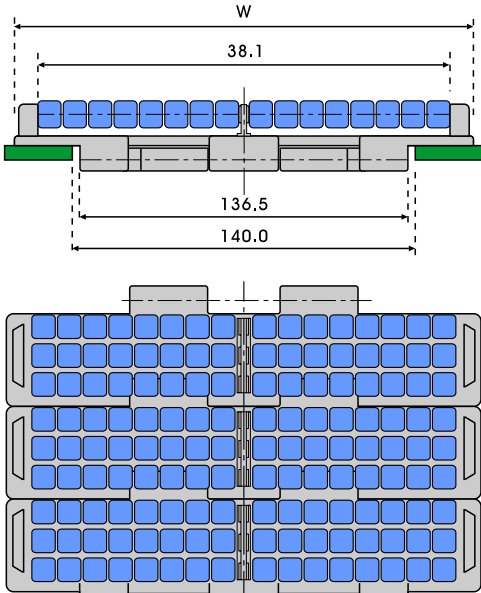
Materials



Sprockets
91/100/101



Applications



HS-LBP 821 K750

HS-LBP 821

SUPER PERFORMANCE ACETAL RESIN

Plates in self-lubricating low friction acetal resin,dark grey-coloured.
pins in special chrome-nickel stainless steel,work hardened for high resistance.

PRODUCT CODES

HS-LBP 821-K750

HS-LBP 821-K1000

HS-LBP 821-K1200

CHARACTERISTICS

	CODE	Material		Breaking Load N	Width L		R min.	SC		Weight kg/m
		Plate	Roller		mm	inches		Straight	Curving	
HS-LBP 821-K750	11055	LFC Dark Grey	Water Blue	8300	190.5	7.1/2	--	--	--	5.52
HS-LBP 821-K1000	11056				254	10				6.90
HS-LBP 821-K1200	11057				304.8	12				8.00

-Standard shipping lengths=80 pitches=10 feet=3,048 metres.

-These chains can be supplied either with pins in austenitic stainless steel, work hardened, highly wear resistant, or with pins in thermoplastic resin.

LBP Chains

(Low Back-line Pressure)

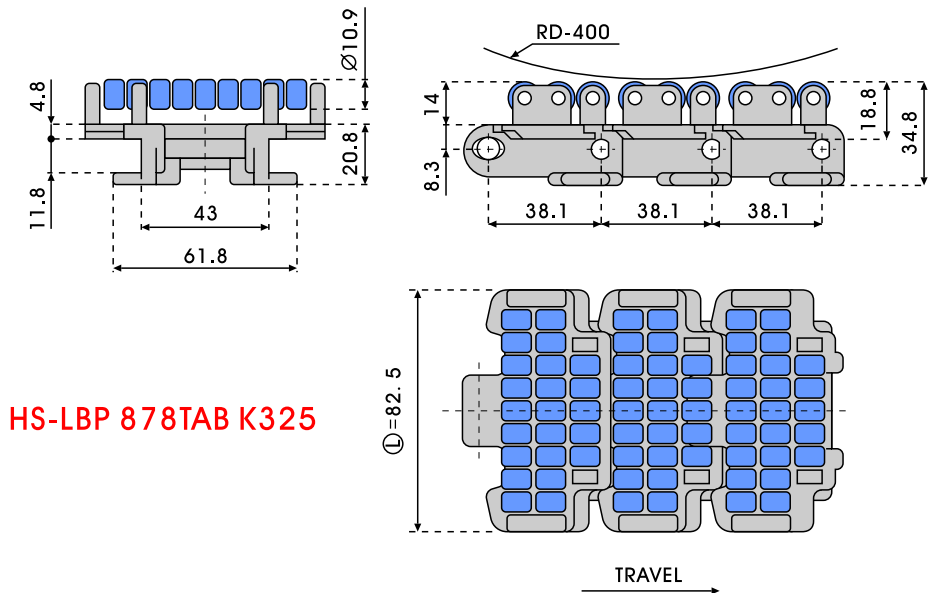
Materials



Sprockets
102/103/104



Applications



HS-LBP 878TAB K325

HS-LBP 878TAB

SUPER PERFORMANCE ACETAL RESIN

Plates in self-lubricating low friction acetal resin, dark grey-coloured.
pins in special chrome-nickel stainless steel, work hardened for high resistance.

PRODUCT CODES									
HS-LBP 878TAB-K325									

CHARACTERISTICS										
CHAIN REF.	CODE	Material		Breaking Load N	Width L		R min.	SC		Weight kg/m
		Plate	Roller		mm	inches		Straight	Curving	
HS-LBP 878TAB-K325	11073	LFG Dark Grey	Water Blue	6000	82.5	3.1/4	190	46	45	3.20

-Standard shipping lengths=80 pitches=10 feet=3,048 metres.
-These chains can be supplied either with pins in austenitic stainless steel, work hardened, highly wear resistant, or with pins in thermoplastic resin.

LBP Chains

(Low Back-line Pressure)

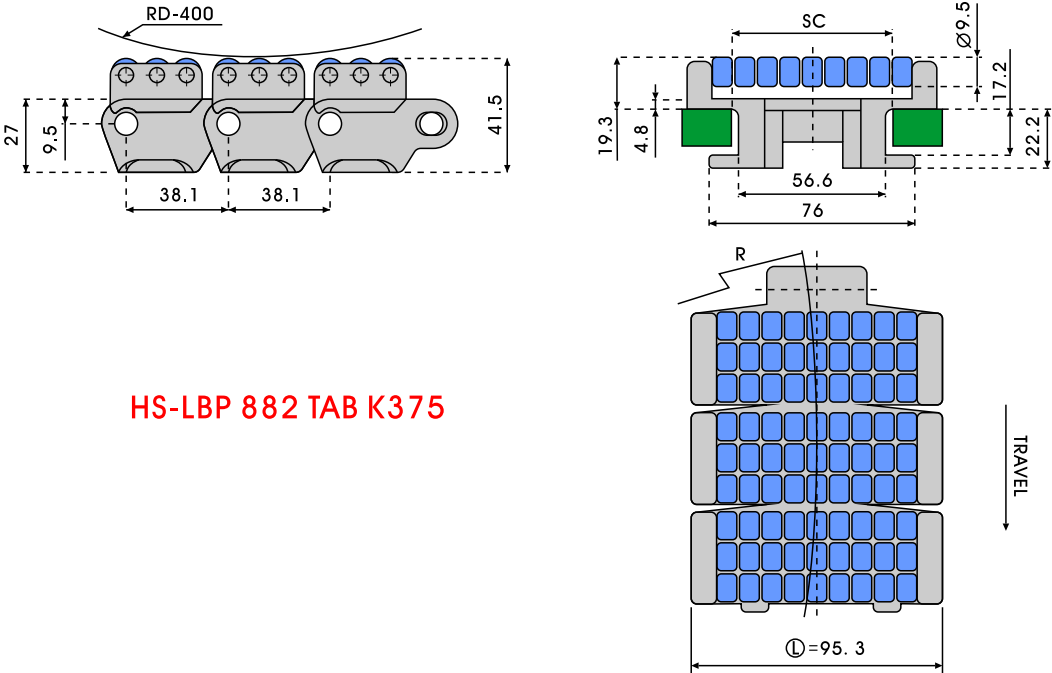
Materials



Sprockets
105/106/107



Applications



HS-LBP 882TAB K375

HS-LBP 882TAB

SUPER PERFORMANCE ACETAL RESIN

Plates in self-lubricating low friction acetal resin, dark grey-coloured.
pins in special chrome-nickel stainless steel, work hardened for high resistance.

PRODUCT CODES									
HS-LBP 882TAB-K375									
HS-LBP 882TAB-K450									

CHARACTERISTICS										
CHAIN REF.	CODE	Material		Breaking Load N	Width L		R min.	SC		Weight kg/m
		Plate	Roller		mm	inches		Straight	Curving	
HS-LBP 882TAB-K375	11070	LFC Dark Grey	Water Blue	10000	95.3	3 ³ / ₄	610	60	58	3.31
HS-LBP 882TAB-K450	11071				114.3	4 ¹ / ₂				4.03

-Standard shipping lengths=80 pitches=10 feet=3,048 metres.
-These chains can be supplied either with pins in austenitic stainless steel, work hardened, highly wear resistant, or with pins in thermoplastic resin.

LBP Chains

(Low Back-line Pressure)



Materials



Sprockets
105/106/107



Applications

HS-LBP 882TAB

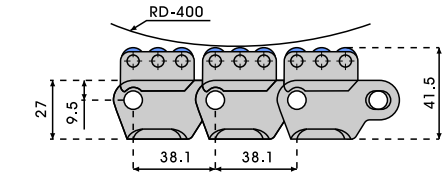
SUPER PERFORMANCE ACETAL RESIN

Plates in self-lubricating low friction acetal resin, dark grey-coloured.
pins in special chrome-nickel stainless steel, work hardened for high resistance.

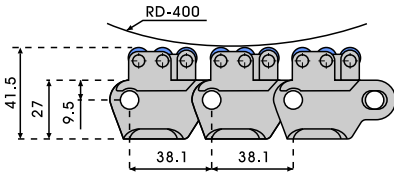
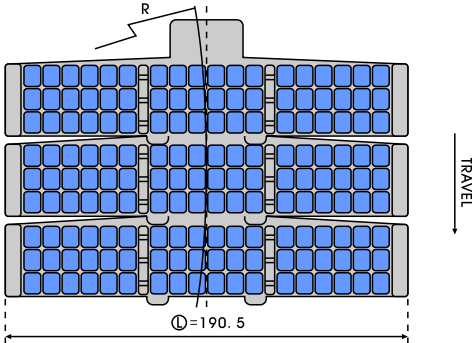
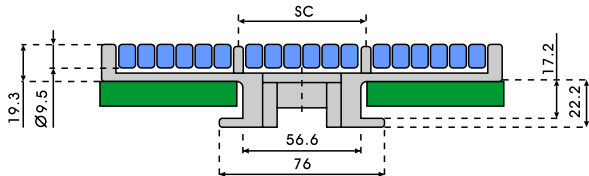
PRODUCT CODES									
HS-LBP 882TAB-K750									
HS-LBP 882TAB-K1000									
HS-LBP 882TAB-K1200									

CHARACTERISTICS										
	CODE	Material		Breaking Load N	Width L		R min.	SC		Weight kg/m
		Plate	Roller		mm	inches		Straight	Curving	
HS-LBP 882TAB-K750	11072	LFG Dark Grey	Water Blue	10000	190.5	7 1/2	610	60	58	4.70
HS-LBP 882TAB-K1000	11069				254	10				5.90
HS-LBP 882TAB-K1200	11068				304.8	12				6.50

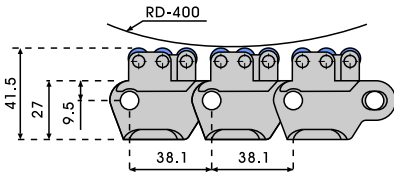
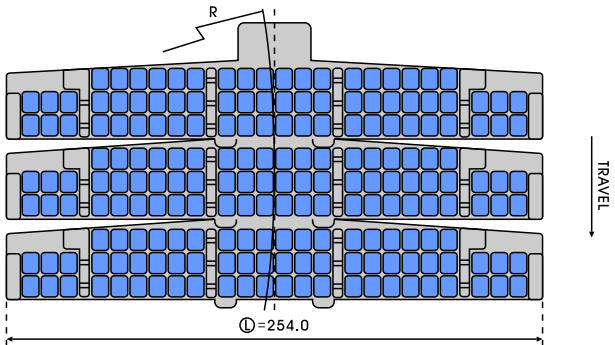
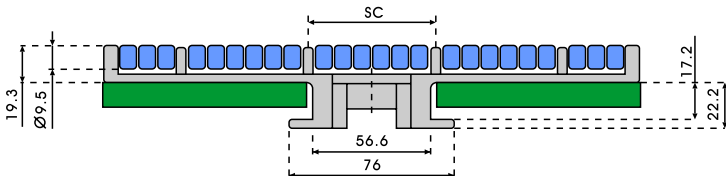
-Standard shipping lengths=80 pitches=10 feet=3,048 metres.
-These chains can be supplied either with pins in austenitic stainless steel,
work hardened, highly wear resistant, or with pins in thermoplastic resin.



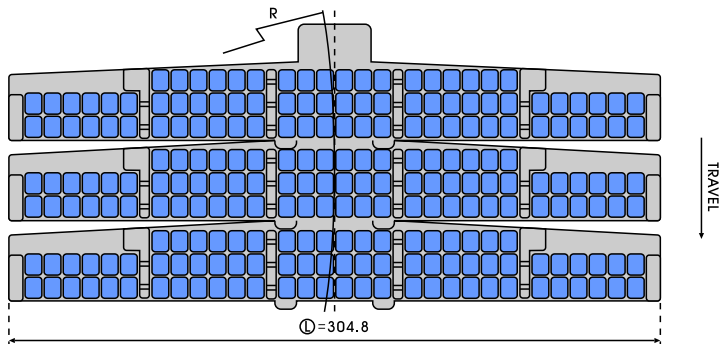
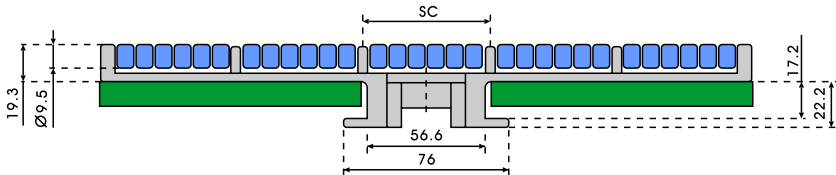
HS-LBP 882TAB K750



HS-LBP 882TAB K1000



HS-LBP 882TAB K1200



LBP Chains

(Low Back-line Pressure)



Materials



Sprockets
105/106/107



Applications

HS-LBP 882M

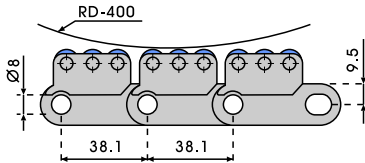
SUPER PERFORMANCE ACETAL RESIN

Plates in self-lubricating low friction acetal resin, dark grey-coloured.
pins in special chrome-nickel stainless steel, work hardened for high resistance.

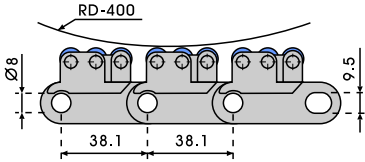
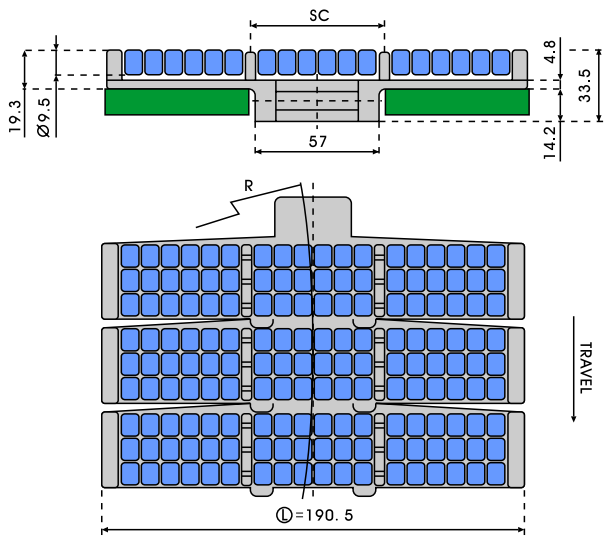
PRODUCT CODES									
HS-LBP 882M-K750									
HS-LBP 882M-K1000									
HS-LBP 882M-K1200									

CHARACTERISTICS										
CHAIN REF.	CODE	Material		Breaking Load N	Width L		R min.	SC		Weight kg/m
		Plate	Roller		mm	inches		Straight	Curving	
HS-LBP 882M-K750	11073	LFG Dark Grey	Water Blue	10000	190.5	7.1/2	610	61	60	3.90
HS-LBP 882M-K1000	11074				254	10				4.95
HS-LBP 882M-K1200	11075				304.8	12				5.85

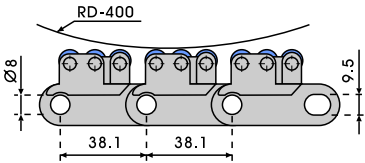
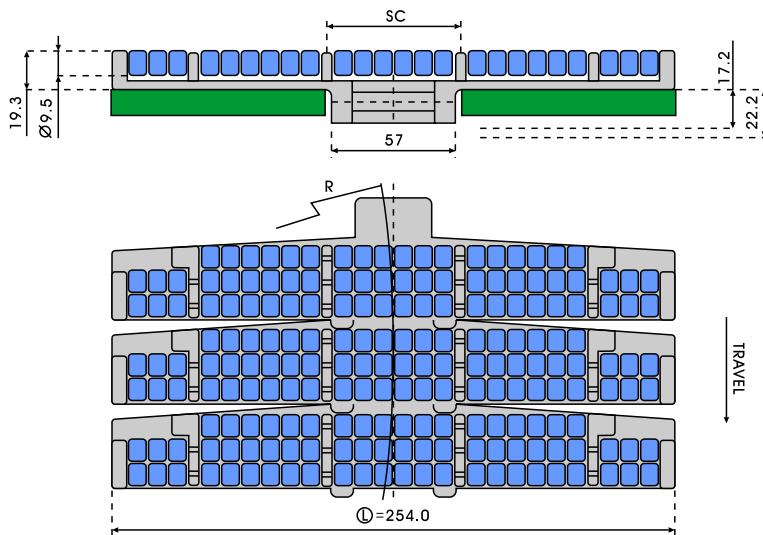
-Standard shipping lengths=80 pitches=10 feet=3,048 metres.
-These chains can be supplied either with pins in austenitic stainless steel, work hardened, highly wear resistant, or with pins in thermoplastic resin.



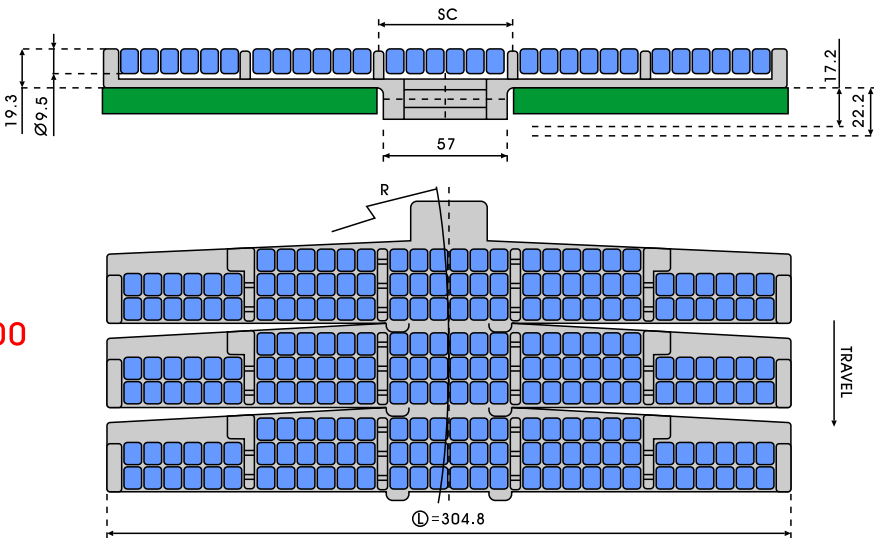
HS-LBP 882M K750



HS-LBP 882M K1000



HS-LBP 882M K1200



STAINLESS STEEL CHAINS BELT



HS-915 SERIES



Materials

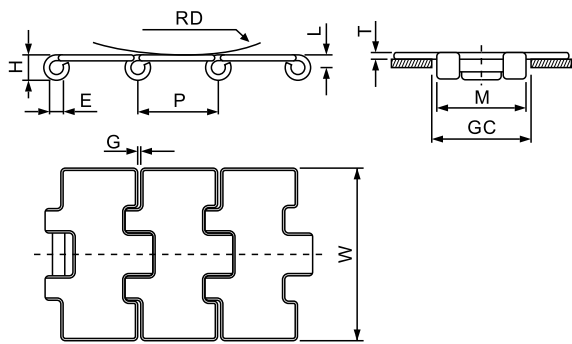
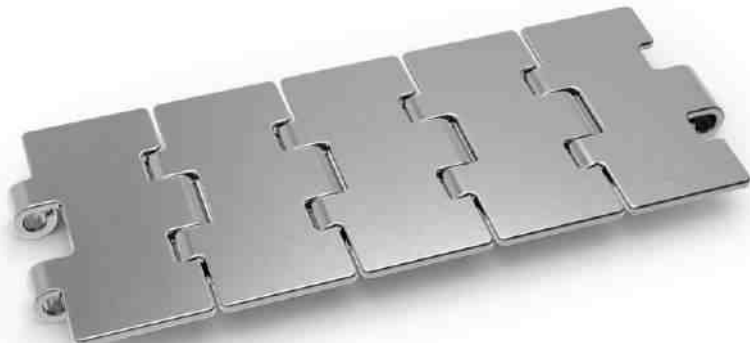


Sprockets
85~89



Applications

Plate Materials: S, SS-4, SS
Pin Material: Case hardened seetl(for carbon steel chains)
Cold rolled austenitic stainless steel(for stainless steel chains)



Dimension	mm	inches
P	38.1	1.500
T	3.0	0.118
M	42.0	1.654
L	6.4	0.252
H	13.0	0.512
E	6.4	0.250
G	1.6	0.063
RD	150.0	5.906
GC	44.0	1.732

HS-915 (Straight Running-Single Hinge)

CHARACTERISTICS

	Width W (mm)	Width W (inch)	Working Load N(21℃)	Working Load lbs(21℃)	Sideflexing Radius (mm)	Sideflexing Radius (inch)	Weight (kg/m)
HS-S 915 K3 1/4	82.6	3.25	12300	2768	—	—	2.73
HS-S 915 K4	101.6	4.00	12300	2768	—	—	3.20
HS-S 915 K4 1/2	114.3	4.50	12300	2768	—	—	3.48
HS-S 915 K6	152.4	6.00	12300	2768	—	—	4.38
HS-S 915 K7 1/2	190.5	7.50	12300	2768	—	—	5.27
HS-SS 915- 4K3 1/4	82.6	3.25	5800	1305	—	—	2.52
HS-SS 915 -4K83.8	83.8	3.30	5800	1305	—	—	2.55
HS-SS 915 -4K4 1/2	114.3	4.50	5800	1305	—	—	3.21
HS-SS 915 -4K7 1/2	190.5	7.50	5800	1305	—	—	4.87
HS-SS 915 K3 1/4	82.6	3.25	5600	1260	—	—	2.73
HS-SS 915 K4	101.6	4.00	5600	1260	—	—	3.20
HS-SS 915 K4 1/2	114.3	4.50	5600	1260	—	—	3.48
HS-SS 915 K6	152.4	6.00	5600	1260	—	—	4.38
HS-SS 915 K7 1/2	190.5	7.50	5600	1260	—	—	5.27

HS-915 SERIES

Plate Materials: P

Pin Material: Cold rolled austenitic stainless steel

XP series:brushed hinges for inliners/inclined combiners



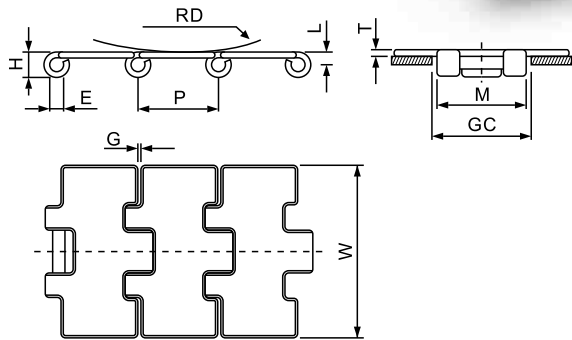
Materials



Sprockets
85~89



Applications



Dimension	mm	inches
P	38.1	1.500
T	3.0	0.118
M	42.0	1.654
L	6.4	0.252
H	13.0	0.512
E	6.4	0.250
G	1.6	0.063
RD	150.0	5.906
GC	44.0	1.732

HS-915 (Straight Running-Single Hinge)

CHARACTERISTICS

	Width W		Working Load		Sideflexing Radius		Weight (kg/m)
	(mm)	(inch)	N(21℃)	lbs(21℃)	(mm)	(inch)	
HS-P 915 K2 1/4	57.1	2.25	8500	1913	-	-	2.00
HS-P 915 K2 1/2	63.5	2.50	8500	1913	-	-	2.14
HS-P 915 K2 5/8	66.7	2.63	8500	1913	-	-	2.21
HS-P 915 K3 1/4	82.6	3.25	8500	1913	-	-	2.57
HS-P 915 K83.8	83.8	3.30	8500	1913	-	-	2.60
HS-P 915 K3 1/2	88.9	3.50	8500	1913	-	-	2.71
HS-P 915 K4	101.6	4.00	8500	1913	-	-	2.99
HS-P 915 K4 1/2	114.3	4.50	8500	1913	-	-	3.28
HS-P 915 K6	152.4	6.00	8500	1913	-	-	4.13
HS-P 915 K7 1/2	190.5	7.50	8500	1913	-	-	4.98
HS-XP 915 K3 1/4	82.6	3.25	8500	1913	-	-	2.57
HS-XP 915 K83.8	83.8	3.30	8500	1913	-	-	2.60

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

CHARACTERISTICS

	Width W		Working Load		Sideflexing Radius		Weight (kg/m)
	(mm)	(inch)	N(21℃)	lbs(21℃)	(mm)	(inch)	
HS-PHD 915 K3 1/4	82.6	3.25	8500	1913	-	-	2.57
HS-PHD 915 K83.8	83.8	3.30	8500	1913	-	-	2.60
HS-PHD 915 K4 1/2	114.3	4.50	8500	1913	-	-	3.28
HS-PHD 915 K7 1/2	190.5	7.50	8500	1913	-	-	4.98

HS-2815 SERIES

Plate Materials: S, SS-4, P, SS

Pin Material: Case hardened seetl(for carbon steel chains)

Cold rolled austenitic stainless steel(for stainless steel chains)



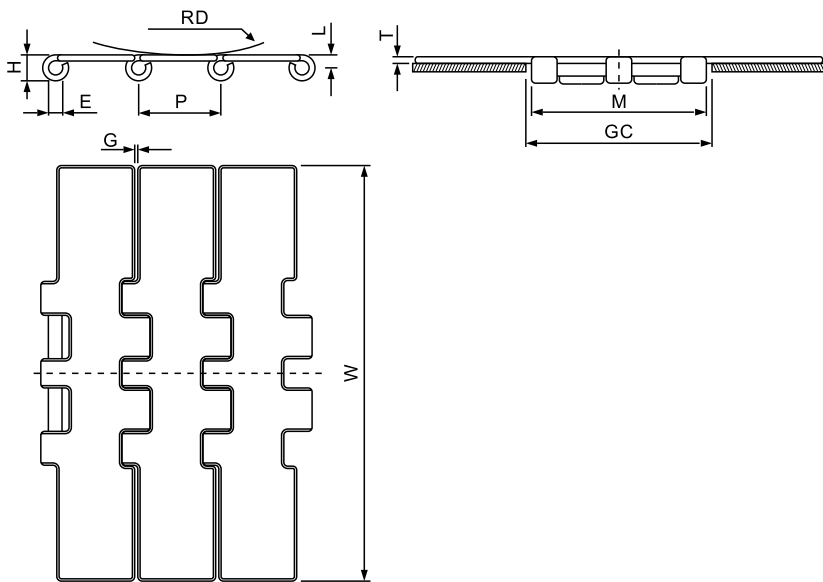
Materials



Sprockets
90~92



Applications



Dimension	mm	inches
P	38.1	1.500
T	3.0	0.118
M	80.0	3.150
L	6.4	0.252
H	13.0	0.512
E	6.4	0.250
G	1.8	0.071
RD	150.0	5.906
GC	82.5	3.248

HS-2815 (Straight Running-Single Hinge)

CHARACTERISTICS

	Width W		Working Load		Sideflexing Radius		Weight (kg/m)
	(mm)	(inch)	N(21℃)	lbs(21℃)	(mm)	(inch)	
HS-S 2815 K7 1/2	190.5	7.50	18000	4050	-	-	5.90
HS-SS 2815 K7 1/2	190.5	7.50	10300	2318	-	-	5.40
HS-P 2815 K7 1/2	190.5	7.50	15000	3375	-	-	5.62
HS-SS 2815 K7 1/2	190.5	7.50	10600	2385	-	-	5.40

HS-HD 9157 SERIES

Plate Materials: P
Pin Material: Hardened martensitic stainless steel



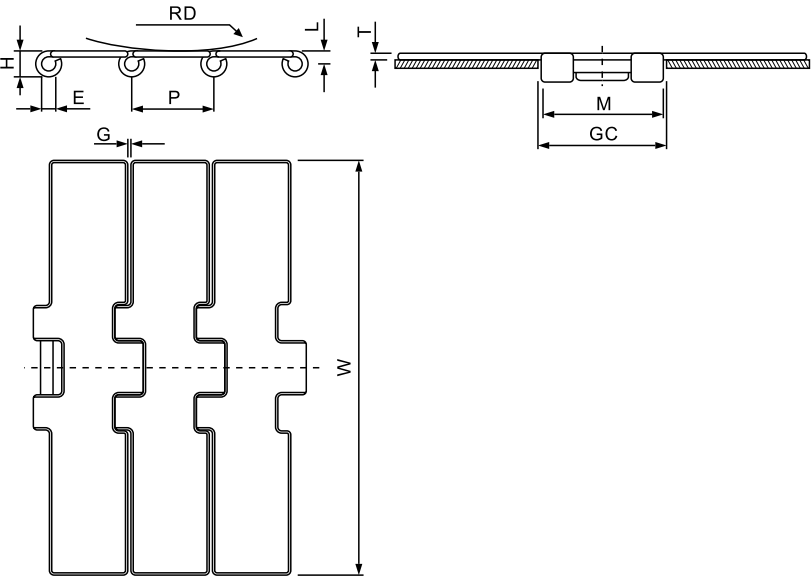
Materials



Sprockets
93



Applications



Dimension	mm	inches
P	38.1	1.500
T	3.0	0.118
M	57.0	2.244
L	6.4	0.252
H	13.0	0.512
E	6.4	0.250
G	1.6	0.063
RD	150.0	5.906
GC	60.0	2.362

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

	Width W		Working Load		Sideflexing Radius		Weight
	(mm)	(inch)	N(21°C)	lbs(21°C)	(mm)	(inch)	
HS-PHD 9157 K7 1/2	190.5	7.50	10500	2363	-	-	5.28

HS-803 SERIES

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



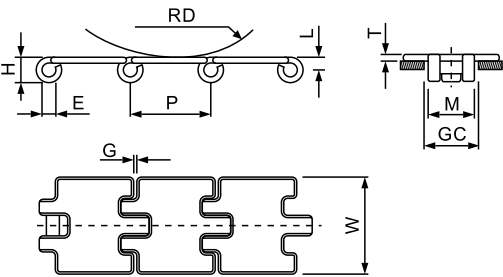
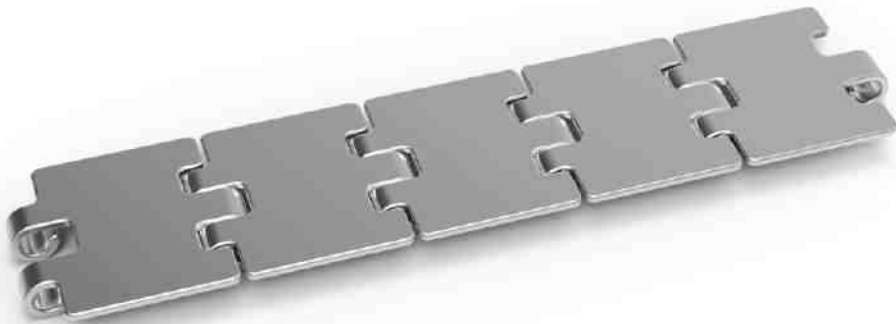
Materials



Sprockets
94



Applications



Dimension	mm	inches
P	38.1	1.500
T	3.0	0.118
M	22.0	0.866
L	6.4	0.252
H	13.0	0.512
E	6.4	0.250
G	2.8	0.110
RD	75.0	2.953
GC	24.0	0.945

HS-803 (Straight Running-Mini Hinge)

	Width W		Working Load		Sideflexing Radius		Weight
	(mm)	(inch)	N(21°C)	lbs(21°C)	(mm)	(inch)	
HS-P 803 K1 1/4	31.8	1.25	4100	923	-	-	1.07
HS-P 803 K1 3/4	44.5	1.75	4100	923	-	-	1.34

HS-881 SERIES

Plate Materials: S, SS

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



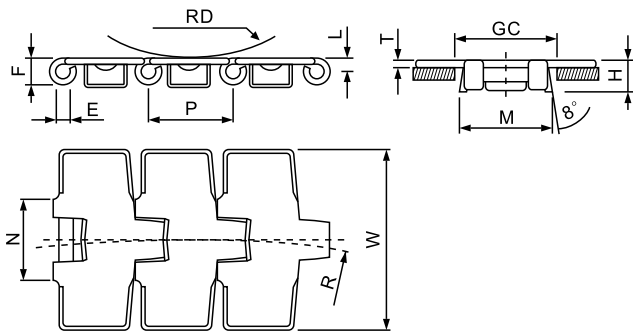
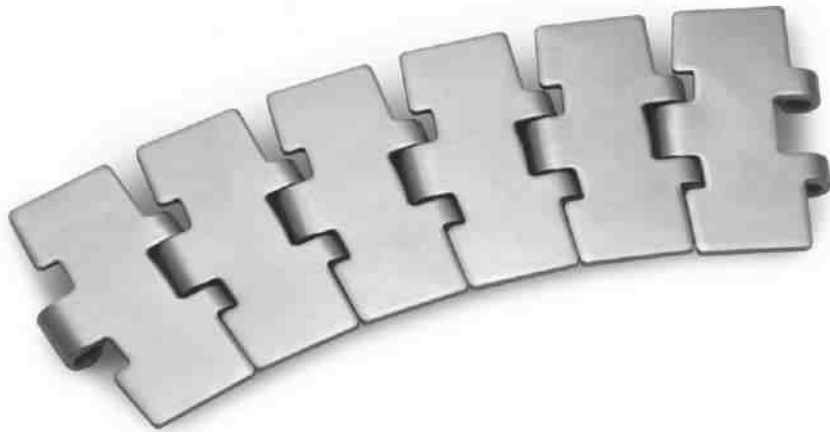
Materials



Sprockets
87/88/89
95/96



Applications



Dimension	mm	inches
P	38.1	1.500
T	3.0	0.118
M	43.0	1.693
N	38.3	1.508
L	6.4	0.252
H	14.5	0.571
E	6.4	0.250
F	13.0	0.512
RD	75.0	2.953
GC(Straight)	44.5	1.752
GC(Curve)	41.5	1.634

HS-881 (Sideflexing-Bevel)

CHARACTERISTICS

	Width W		Working Load		Sideflexing Radius		Weight
	(mm)	(inch)	N(21℃)	lbs(21℃)	(mm)	(inch)	(kg/m)
HS-S 881 K3 1/4	82.6	3.25	11600	2610	457.2	18	2.74
HS-S 881 K4 1/2	114.3	4.50	11600	2610	609.6	24	3.37
HS-S 881 K7 1/2	190.5	7.50	11600	2610	609.6	24	4.78
HS-SS 881 K3 1/4	82.6	3.25	5600	1260	457.2	18	2.76
HS-SS 881 K4 1/2	114.3	4.50	5600	1260	609.6	24	3.40
HS-SS 881 K7 1/2	190.5	7.50	5600	1260	609.6	24	4.82

HS-981 SERIES

Plate Materials: P

Pin Material: Cold rolled austenitic stainless steel



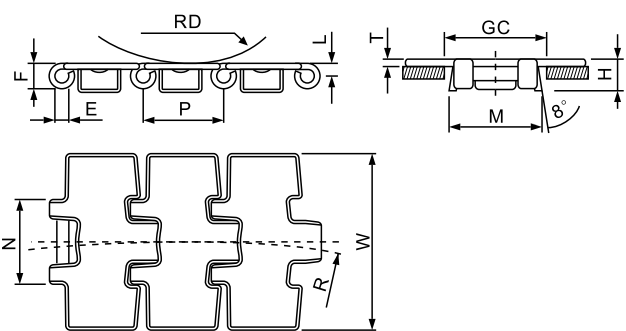
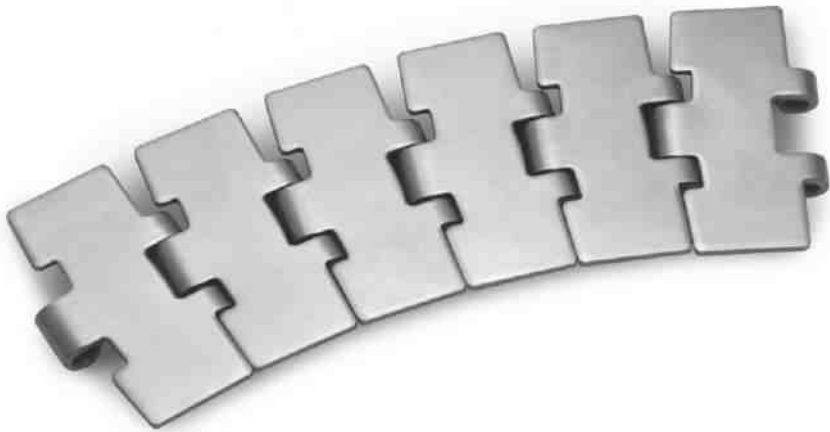
Materials



Sprockets
87/88/89
95/96



Applications



Dimension	mm	inches
P	38.1	1.500
T	3.0	0.118
M	43.0	1.693
N	38.3	1.508
L	6.4	0.252
H	14.5	0.571
E	6.4	0.250
F	13.0	0.512
RD	75.0	2.953
GC(Straight)	44.5	1.752
GC(Curve)	41.5	1.634

HS-981 (Sideflexing-Bevel-Reduced plate gap)

CHARACTERISTICS

	Width W		Working Load		Sideflexing Radius		Weight
	(mm)	(inch)	N(21℃)	lbs(21℃)	(mm)	(inch)	(kg/m)
HS-P 981 K3 1/4	82.6	3.25	8000	1800	457.2	18	2.72
HS-P 981 K83.8	83.8	3.30	8000	1800	457.2	18	2.75
HS-P 981 K4 1/2	114.3	4.50	8000	1800	609.6	24	3.35
HS-P 981 K7 1/2	190.5	7.50	8000	1800	609.6	24	4.76

HS-881TAB SERIES

Plate Materials: S, SS

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



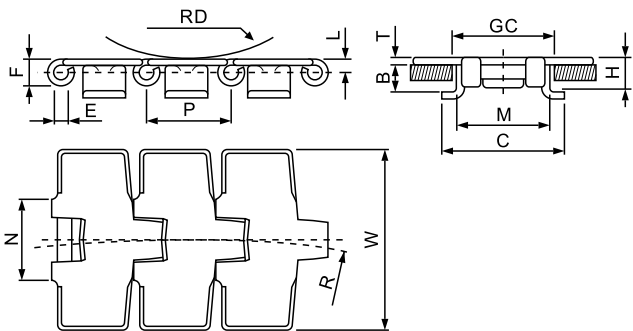
Materials



Sprockets
95~97



Applications



Dimension	mm	inches
P	38.1	1.500
T	3.0	0.118
M	43.0	1.693
N	38.3	1.508
C	56.0	2.205
L	6.4	0.252
H	19.3	0.760
E	6.4	0.250
B	12.8	0.504
F	13.0	0.512
RD	75.0	2.953
GC(Straight)	46.0	1.811
GC(Curve)	44.5	1.752

HS-881TAB (Sideflexing-Tab)

CHARACTERISTICS

	Width W		Working Load		Sideflexing Radius		Weight
	(mm)	(inch)	N(21℃)	lbs(21℃)	(mm)	(inch)	(kg/m)
HS-S 881TAB K3 1/4	82.6	3.25	11600	2610	457.2	18	2.96
HS-S 881TAB K4 1/2	114.3	4.50	11600	2610	609.6	24	3.60
HS-S 881TAB K7 1/2	190.5	7.50	11600	2610	609.6	24	5.00
HS-SS 881TAB K3 1/4	82.6	3.25	5600	1260	457.2	18	2.99
HS-SS 881TAB K4 1/2	114.3	4.50	5600	1260	609.6	24	3.63
HS-SS 881TAB K7 1/2	190.5	7.50	5600	1260	609.6	24	5.05

HS-981TAB SERIES

Plate Materials: P

Pin Material: Cold rolled austenitic stainless steel



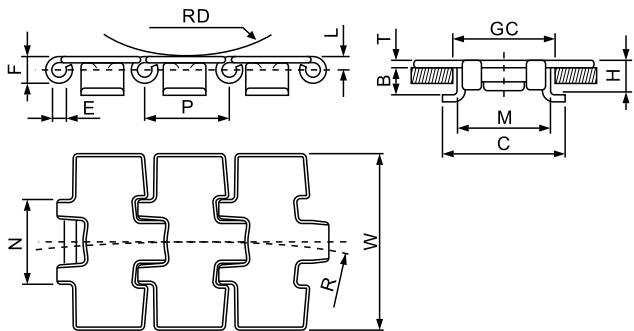
Materials



Sprockets
95~97



Applications



Dimension	mm	inches
P	38.1	1.500
T	3.0	0.118
M	43.0	1.693
N	38.3	1.508
C	56.0	2.205
L	6.4	0.252
H	19.3	0.760
E	6.4	0.250
B	12.8	0.504
F	13.0	0.512
RD	75.0	2.953
GC(Straight)	46.0	1.811
GC(Curve)	44.5	1.752

HS-981TAB (Sideflexing-Tab-Reduced plate gap)

CHARACTERISTICS

	Width W		Working Load		Sideflexing Radius		Weight
	(mm)	(inch)	N(21℃)	lbs(21℃)	(mm)	(inch)	(kg/m)
HS-P 981TAB K3 1/4	82.6	3.25	8000	1800	457.2	18	2.95
HS-P 981TAB K83.8	83.8	3.30	8000	1800	457.2	18	2.96
HS-P 981TAB K4 1/2	114.3	4.50	8000	1800	609.6	24	3.58
HS-P 981TAB K7 1/2	190.5	7.50	8000	1800	609.6	24	4.99

HS-981M SERIES

Plate Materials: SS-4, P
Pin Material: Cold rolled austenitic stainless steel(for 981M series)
Hardened martensitic stainless steel(for HD 981M series)



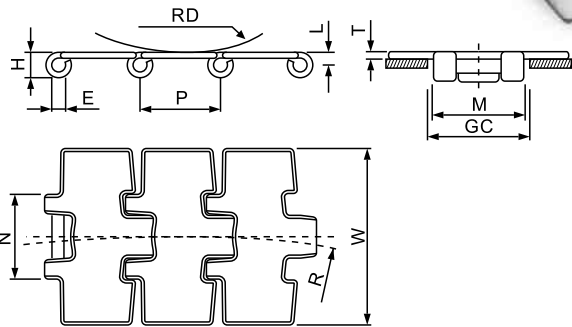
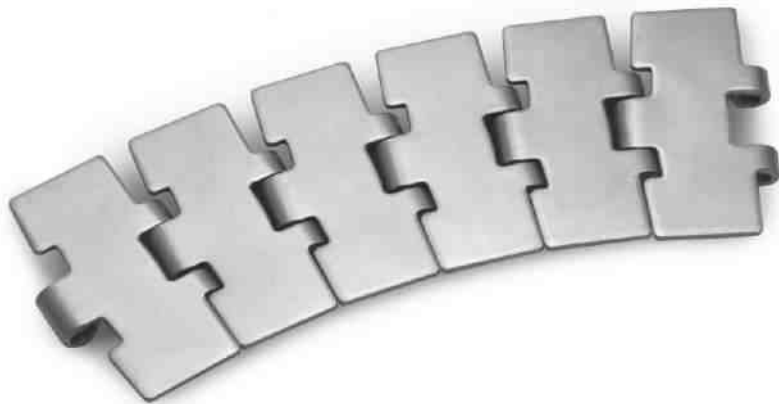
Materials



Sprockets
85~89



Applications



Dimension	mm	inches
P	38.1	1.500
T	3.0	0.118
M	42.0	1.654
L	6.4	0.252
H	13.0	0.512
E	6.4	0.250
RD	75.0	2.953
GC(Straight)	44.0	1.732
GC(Curve)	44.0	1.732

HS-981M (Sideflexing-Magnetic-Reduced plate gap)

	Width W		Working Load		Sideflexing Radius		Weight
	(mm)	(inch)	N(21℃)	lbs(21℃)	(mm)	(inch)	
HS-SS 981M-4 K3 1/4	82.6	3.25	5400	1215	500	19.69	2.40
HS-SS 981M-4K83.8	83.8	3.30	5400	1215	500	19.69	2.42
HS-P 981M K3 1/4	82.6	3.25	8500	1913	500	19.69	2.46
HS-P 981M K83.8	83.8	3.30	8500	1913	500	19.69	2.48
HS-P 981M K4 1/2	114.3	4.50	8500	1913	500	19.69	3.08
HS-P 981M K7 1/2	190.5	7.50	8500	1913	500	19.69	4.47

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

	Width W		Working Load		Sideflexing Radius		Weight
	(mm)	(inch)	N(21℃)	lbs(21℃)	(mm)	(inch)	
HS-PHD 981M K3 1/4	82.6	3.25	8500	1913	500	19.69	2.46
HS-PHD 981M K83.8	83.8	3.30	8500	1913	500	19.69	2.48
HS-PHD 981M K4 1/2	114.3	4.50	8500	1913	500	19.69	3.08
HS-PHD 981M K7 1/2	190.5	7.50	8500	1913	500	19.69	4.47

HS-HD 9857M SERIES

Plate Materials: P
Pin Material: Hardened martensitic stainless steel



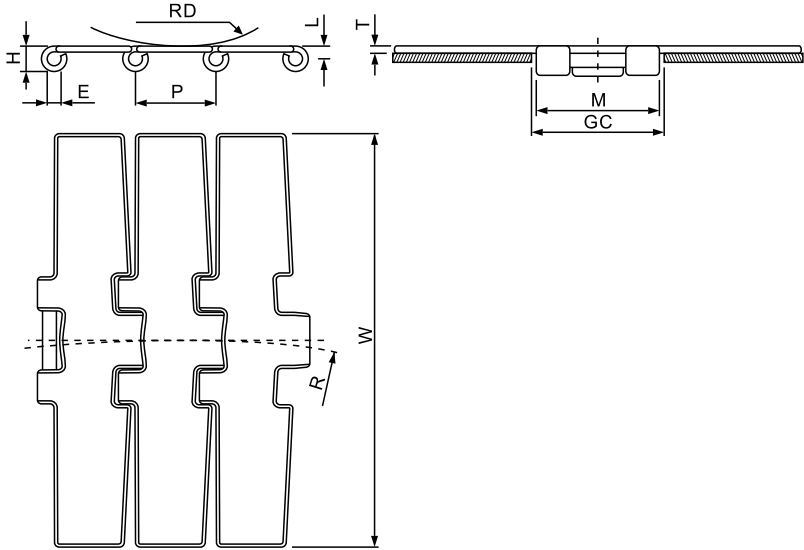
Materials



Sprockets
93/97



Applications



Dimension	mm	inches
P	38.1	1.500
T	3.0	0.118
M	42.0	1.654
L	6.4	0.252
H	13.0	0.512
E	6.4	0.250
RD	75.0	2.953
GC(Straight)	60.0	2.362
GC(Curve)	60.0	2.362

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

	Width W		Working Load		Sideflexing Radius		Weight
	(mm)	(inch)	N(21℃)	lbs(21℃)	(mm)	(inch)	
HS-PHD 9857M K7 1/2	190.5	7.50	10500	2363	750	29.53	4.97

HS-982TAB SERIES

Plate Materials: SS
Pin Material: Cold rolled austenitic stainless steel



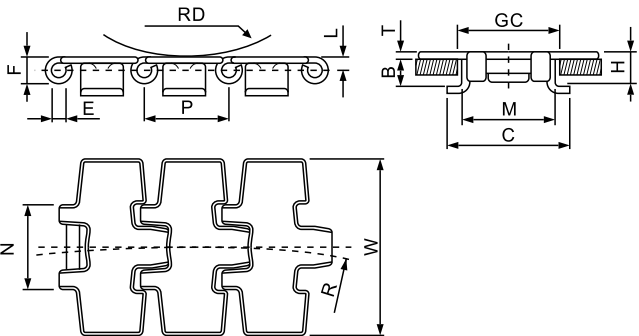
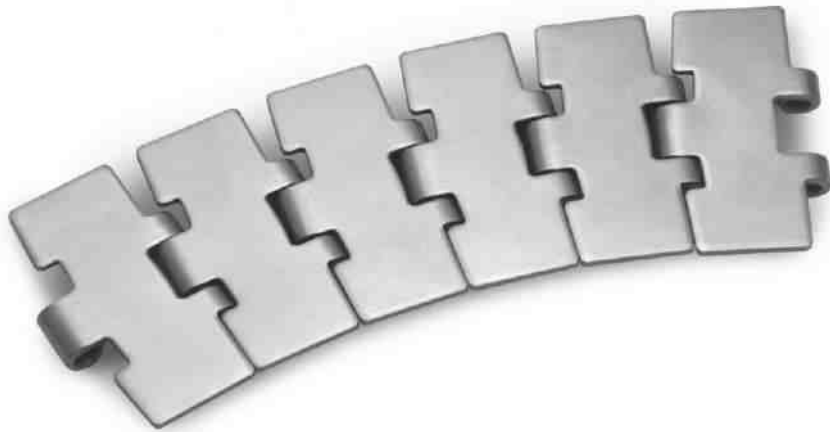
Materials



Sprockets
95~97



Applications



Dimension	mm	inches
P	38.1	1.500
T	3.0	0.118
M	43.0	1.693
N	38.3	1.508
C	56.0	2.205
L	6.4	0.252
H	19.3	0.760
E	6.4	0.250
B	12.8	0.504
F	13.0	0.512
RD	75.0	2.953
GC(Straight)	46.0	1.811
GC(Curve)	44.5	1.752

HS-982TAB (Sideflexing-Tab-Reduced Sideflexing Radius)

	Width W		Working Load		Sideflexing Radius		Weight (kg/m)
	(mm)	(inch)	N(21°C)	lbs(21°C)	(mm)	(inch)	
HS-SS 982TAB K3 1/4	82.6	3.25	5000	1125	200	7.87	3.00

HS-915-EL SERIES

Plate Materials: P
Pad Material: Nitrilic rubber PG
Pin Material: Cold rolled austenitic stainless steel



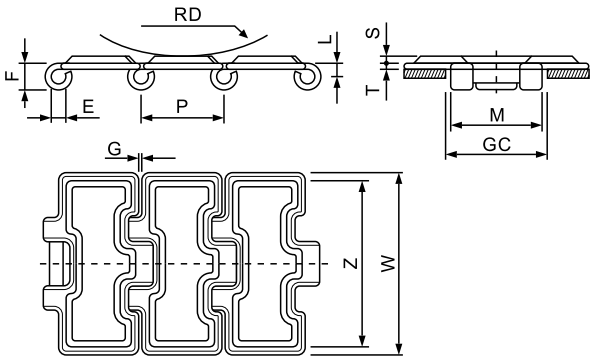
Materials



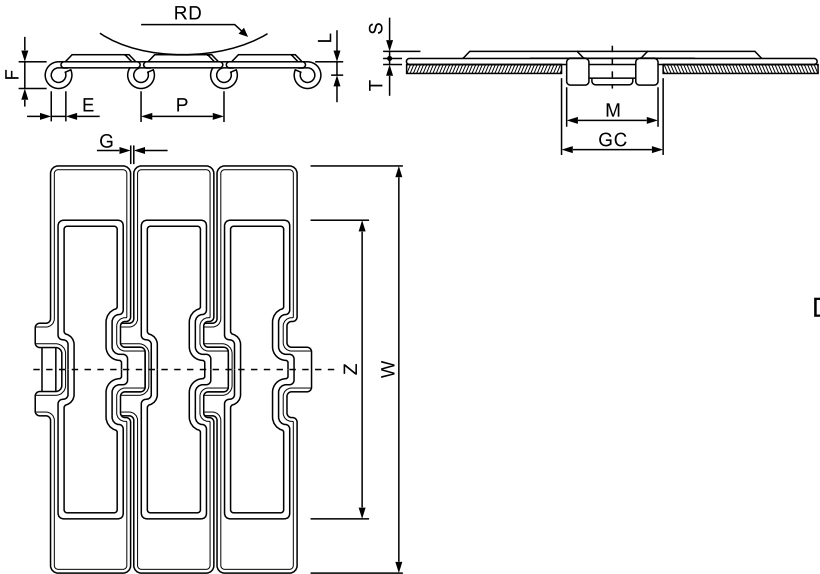
Sprockets
85~89



Applications



Dimension	mm	inches
P	38.1	1.500
T	3.0	0.118
S	3.0	0.118
M	42.0	1.654
L	6.4	0.252
H	13.0	0.512
E	6.4	0.250
Z	76.0	2.992
G	1.6	0.063
RD	150.0	5.906
GC	44.0	1.732



Dimension	mm	inches
P	38.1	1.500
T	3.0	0.118
S	3.0	0.118
M	42.0	1.654
L	6.4	0.252
H	13.0	0.512
E	6.4	0.250
Z	146.0	5.748
G	1.6	0.063
RD	150.0	5.906
GC	44.0	1.732

HS-915-EL (Straight Running-Single Hinge-Rubberized Surface)

	Width W		Working Load		Sideflexing Radius		Weight (kg/m)
	(mm)	(inch)	N(21°C)	lbs(21°C)	(mm)	(inch)	
HS-915M-EL K3 1/4	82.6	3.25	8500	1913	—	—	2.57
HS-915M-EL K4 1/2	114.3	4.50	8500	1913	—	—	3.28
HS-915M-EL K7 1/2	190.5	7.50	8500	1913	—	—	4.99

HS-2815-EL SERIES

Plate Materials: P
Pad Material: Nitrilic rubber PG
Pin Material: Cold rolled austenitic stainless steel



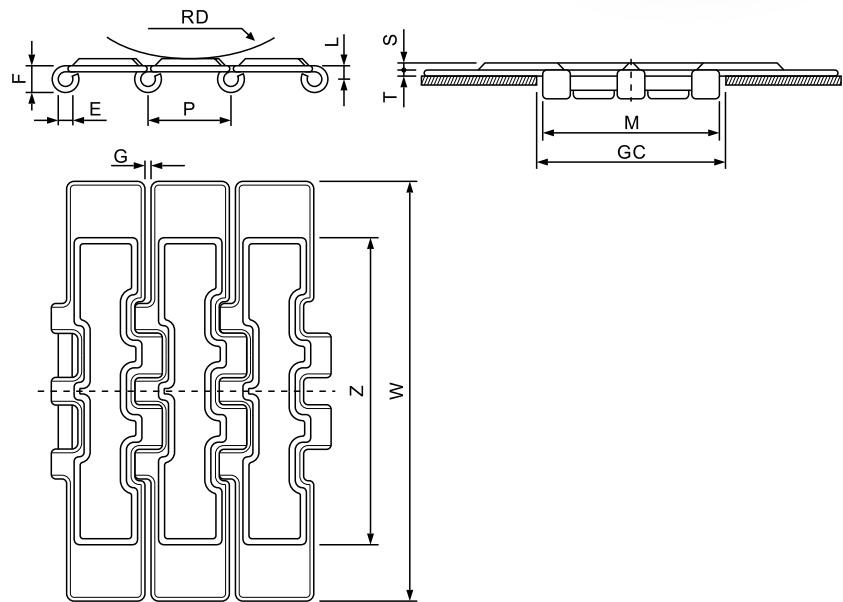
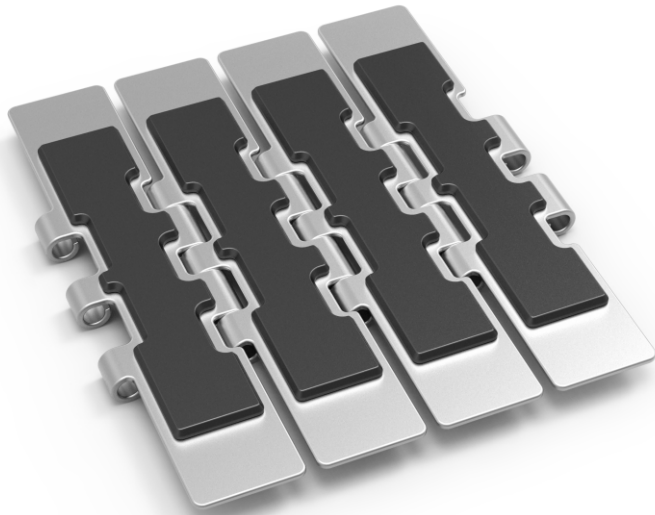
Materials



Sprockets
90~92



Applications



Dimension	mm	inches
P	38.1	1.500
T	3.0	0.118
S	3.0	0.118
M	80.0	3.150
L	6.4	0.252
H	13.0	0.512
E	6.4	0.250
Z	140.0	5.512
G	1.8	0.071
RD	150.0	5.906
GC	82.5	3.248

HS-2815-EL (Straight Running-Double Hinge-Rubberized Surface)

	Width W		Working Load		Sideflexing Radius		Weight
	(mm)	(inch)	N(21℃)	lbs(21℃)	(mm)	(inch)	
HS-2815-EL K7 1/2	190.5	7.50	15000	3375	-	-	5.94

HS-HD9157-EL SERIES

Plate Materials: P
Pad Material: Nitrilic rubber PG
Pin Material: Hardened martensitic stainless steel



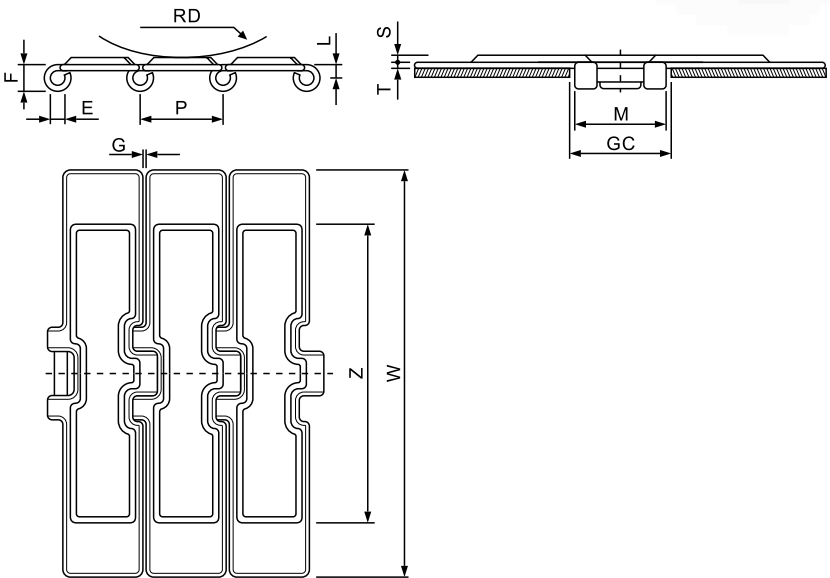
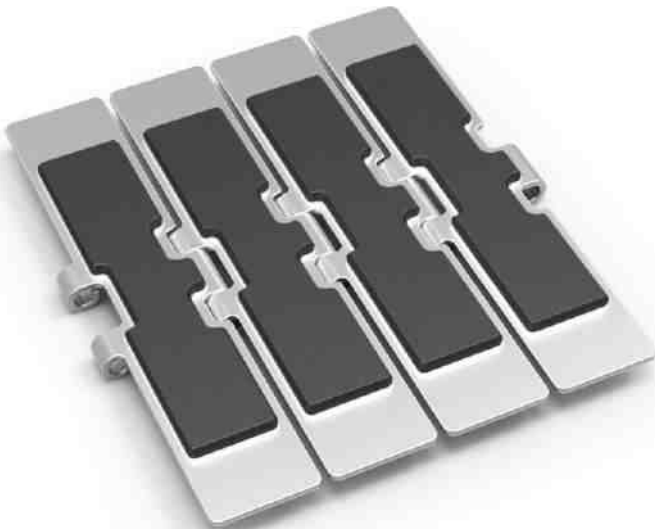
Materials



Sprockets
93



Applications



Dimension	mm	inches
P	38.1	1.500
T	3.0	0.118
S	3.0	0.118
M	57.0	2.244
L	6.4	0.252
H	13.0	0.512
E	6.4	0.250
Z	139.5	5.492
G	1.6	0.063
RD	150.0	5.906
GC	60.0	2.362

HS-HD9157-EL (Straight Running-Heavy Duty Single Hinge-Increased Pin Hardness-Rubberized Surface)

	Width W		Working Load		Sideflexing Radius		Weight
	(mm)	(inch)	N(21℃)	lbs(21℃)	(mm)	(inch)	
HS-HD9157-EL K7 1/2	190.5	7.50	10500	2363	-	-	5.60

HS-981TAB-EL SERIES

Plate Materials: P
Pad Material: Nitrilic rubber PG
Pin Material: Cold rolled austenitic stainless steel



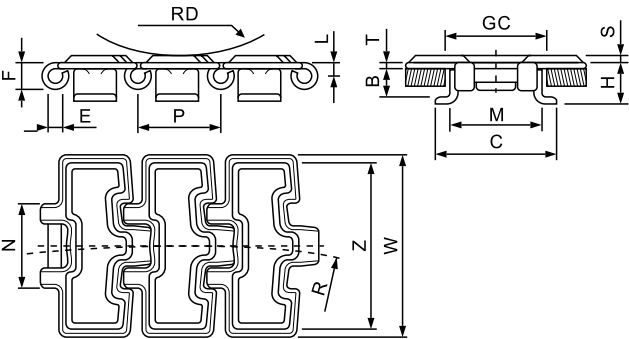
Materials



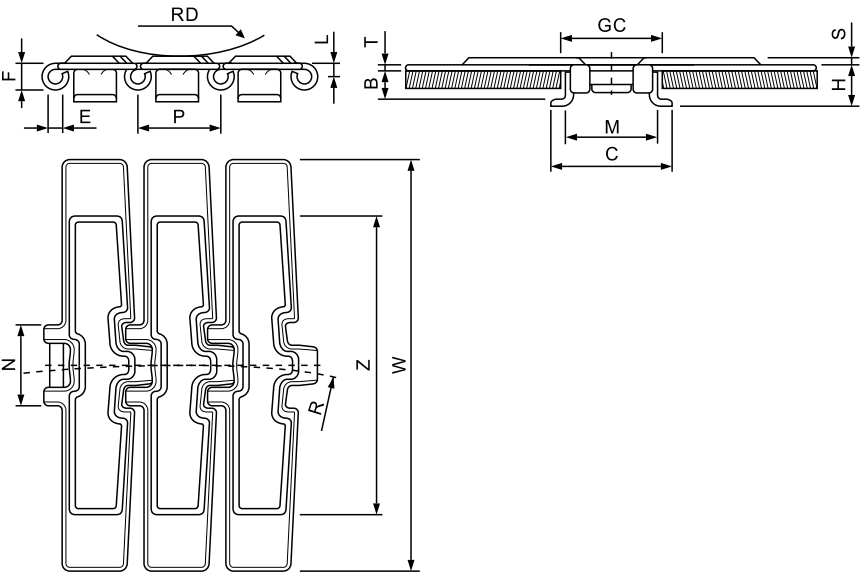
Sprockets
95~97



Applications



Dimension	mm	inches
P	38.1	1.500
T	3.0	0.118
S	3.0	0.118
M	43.0	1.693
N	38.3	1.508
C	56.0	2.205
L	6.4	0.252
H	19.3	0.760
E	6.4	0.250
B	12.8	0.504
F	13.0	0.512
Z	76.0	2.992
RD	75.0	2.953
GC(Straight)	46.0	1.811
GC(Curve)	44.5	1.752



Dimension	mm	inches
P	38.1	1.500
T	3.0	0.118
S	3.0	0.118
M	43.0	1.693
N	38.3	1.508
C	56.0	2.205
L	6.4	0.252
H	19.3	0.760
E	6.4	0.250
B	12.8	0.504
F	13.0	0.512
Z	146.0	5.748
RD	75.0	2.953
GC(Straight)	46.0	1.811
GC(Curve)	44.5	1.752

HS-981TAB-EL (Sideflexing-Tab-Reduced plate gap)

	Width W		Working Load		Sideflexing Radius		Weight (kg/m)
	(mm)	(inch)	N(21℃)	lbs(21℃)	(mm)	(inch)	
HS-981TAB-EL K3 1/4	82.6	3.25	8000	1800	457.2	18	3.07
HS-981TAB-EL K7 1/2	190.5	7.50	8000	1800	609.6	24	5.30

HS-981M-EL SERIES

Plate Materials: P
Pad Material: Nitrilic rubber PG
Pin Material: Cold rolled austenitic stainless steel



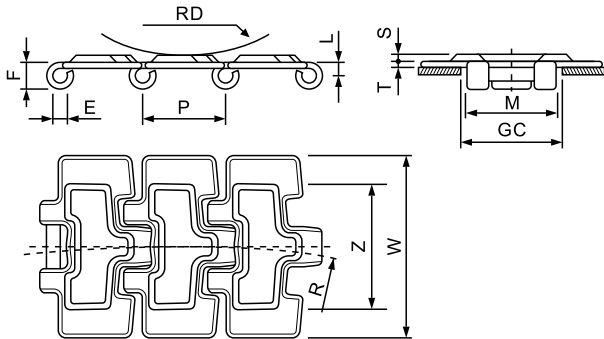
Materials



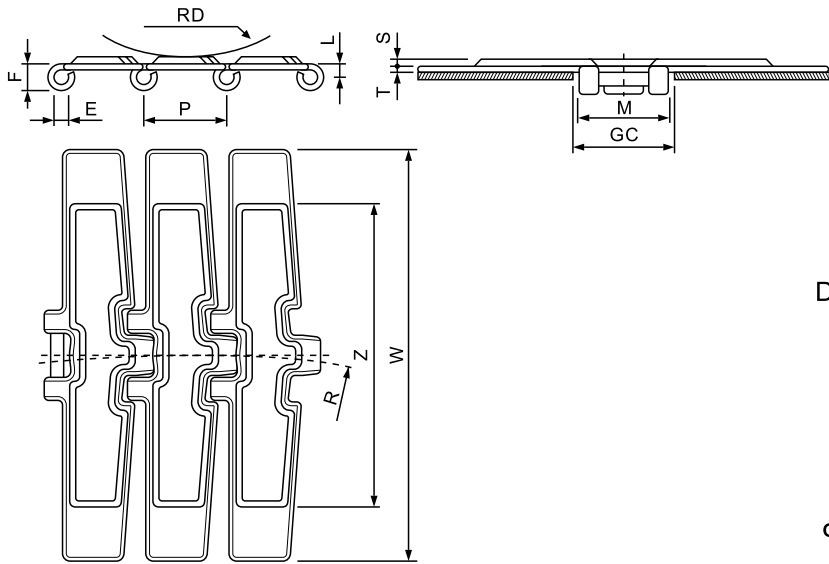
Sprockets
85~89



Applications



Dimension	mm	inches
P	38.1	1.500
T	3.0	0.118
S	3.0	0.118
M	42.0	1.654
L	6.4	0.252
H	13.0	0.512
E	6.4	0.250
Z	57.0	2.244
RD	75.0	2.953
GC(Straight)	44.0	1.732
GC(Curve)	44.0	1.732



Dimension	mm	inches
P	38.1	1.500
T	3.0	0.118
S	3.0	0.118
M	42.0	1.654
L	6.4	0.252
H	13.0	0.512
E	6.4	0.250
Z	146.0	5.748
RD	75.0	2.953
GC(Straight)	44.0	1.732
GC(Curve)	44.0	1.732

HS-981M-EL (Sideflexing-Magnetic-Reduced plate gap-Rubberized Surface)

	Width W		Working Load		Sideflexing Radius		Weight (kg/m)
	(mm)	(inch)	N(21℃)	lbs(21℃)	(mm)	(inch)	
HS-P981M-EL K3 1/4	82.6	3.25	8500	1913	500	19.685	2.57
HS-P981M-EL K7 1/2	190.5	7.50	8500	1913	500	19.685	4.77

HS-HD 9857M-EL SERIES

Plate Materials: P
Pad Material: Nitrilic rubber PG
Pin Material: Cold rolled austenitic stainless steel



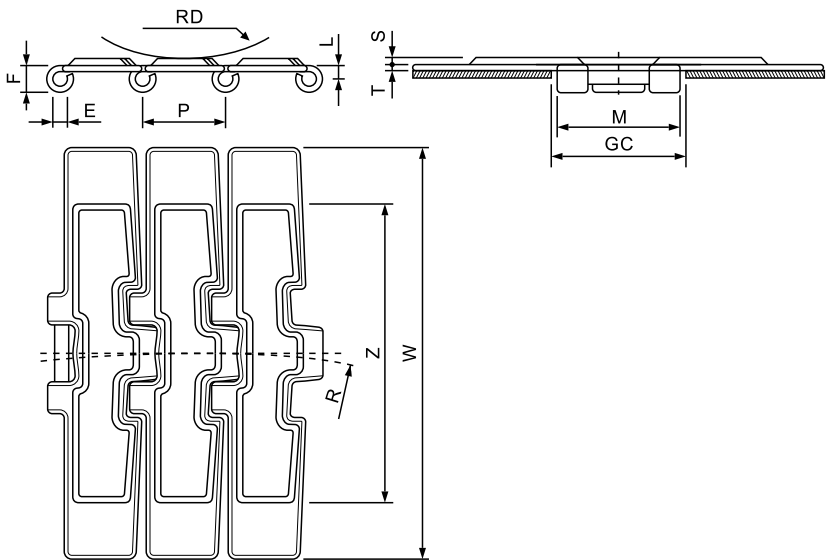
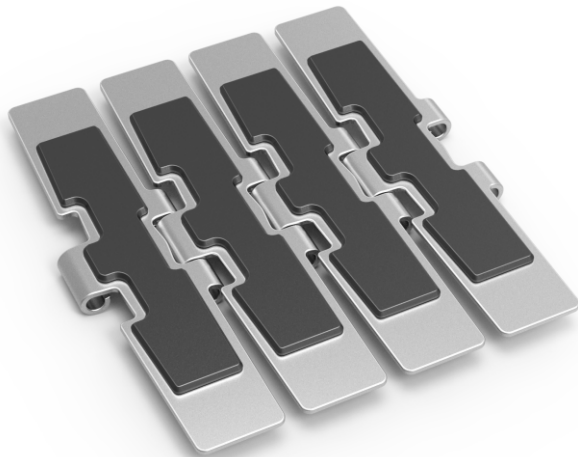
Materials



Sprockets
93/97



Applications



Dimension	mm	inches
P	38.1	1.500
T	3.0	0.118
S	3.0	0.118
M	57.0	2.244
L	6.4	0.252
H	13.0	0.512
E	6.4	0.250
Z	139.5	5.492
RD	75.0	2.953
GC(Straight)	60.0	2.362
GC(Curve)	60.0	2.362

HS-HD 9857M-EL (Sideflexing-Magnetic-Heavy Duty Single Hinge-Increased Pin Hardness-Rubberized Surface)

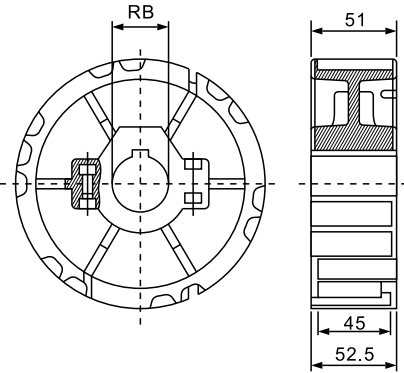
	Width W		Working Load		Sideflexing Radius		Weight (kg/m)
	(mm)	(inch)	N(21℃)	lbs(21℃)	(mm)	(inch)	
HS-HD 9857M-EL K7½	190.5	7.50	10500	2363	750	29.528	5.26

SPROCKET SERIES



SPROCKET

Sprockets for HS-915 / HS-981M /
HS-HD915 / HS-HD981M / HS-915-EL /
HS-981M-EL series



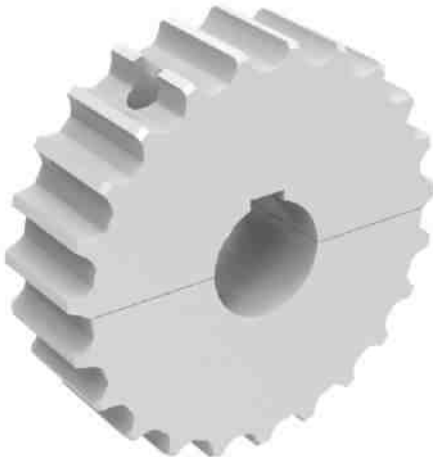
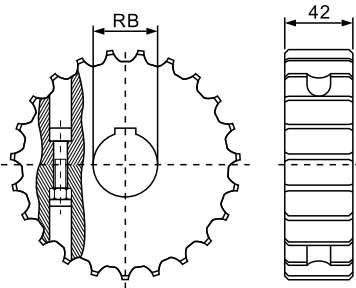
MOULDED SPLIT DRIVE AND IDLER SPROCKETS

CHARACTERISTICS						
N° Teeth		Pitch Diam		Outside Diam		Weight (kg)
Z actual	Z effective	(mm)	(inch)	(mm)	(inch)	
21	10.5	129.26	5.09	129.4	5.1	25
						30
						35
						40
						45
						1
						1 3⁄16
						1 ¼
						1 7⁄16
						1 ½
						1 5⁄8
						0.47
23	11.5	141.22	5.56	141.9	5.6	25
						30
						35
						40
						45
						1
						1 3⁄16
						1 ¼
						1 7⁄16
						1 ½
						1 5⁄8
						0.53
25	12.5	153.20	5.56	154.2	6.1	25
						30
						35
						40
						45
						1
						1 3⁄16
						1 ¼
						1 7⁄16
						1 ½
						1 5⁄8
						0.60

Note:Sprockets made of steel or cast iron on request

SPROCKET

Sprockets for HS-915 / HS-981M /
HS-HD915 / HS-HD981M / HS-915-EL /
HS-981M-EL series



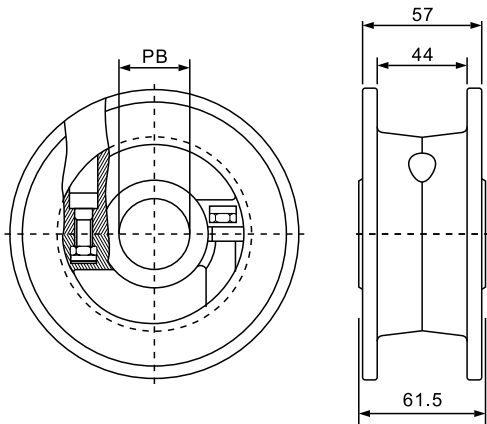
MOULDED SPLIT DRIVE AND IDLER SPROCKETS

CHARACTERISTICS						
N° Teeth		Pitch Diam		Outside Diam		Rb Size
Z actual	Z effective	(mm)	(inch)	(mm)	(inch)	(mm) (inch)
17	8.5	105.47	4.15	104.4	4.1	25
						30
						35
						40
						1
						1 ¼
						1 ½
						0.36
						0.35
						0.34
						0.32
						0.37
19	9.5	117.34	4.62	117.0	4.0	25
						30
						35
						40
						1
						1 7⁄16
						1 5⁄16
						0.46
						0.45
						0.44
						0.43
						0.47
21	10.5	129.26	5.09	129.4	5.1	25
						30
						35
						40
						1
						1 ½
						2
						0.56
						0.55
						0.54
						0.52
						0.57
23	11.5	141.22	5.56	141.9	5.6	25
						30
						35
						40
						1
						1 ½
						2
						0.68
						0.67
						0.65
						0.64
						0.67
25	12.5	153.2	6.03	154.2	6.1	25
						30
						35
						40
						1
						1 ½
						2
						0.80
						0.80
						0.77
						0.76
						0.79

Note:Sprockets with 27 teeth also available, Other bore sizes in imperial units are available.

SPROCKET

Idler wheels for HS-915 / HS-981 / HS-981M /
HS-915-EL / HS-981M-EL / HS-881 / HS-820 /
HS-831 / HS-828 / HS-880 / HS-880M /
HS-HD915 / HS-HD981M series

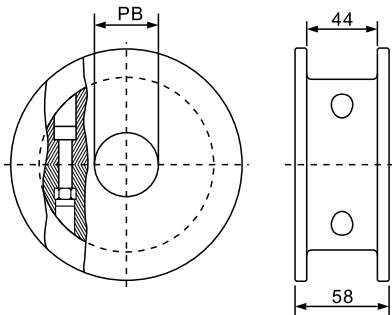


MOULDED SPLIT IDLER WHEELS

CHARACTERISTICS				
N° Teeth Z equivalent	Outside Diam (mm) (inch)		Rb Size (mm) (inch)	Weight (kg)
21	129.8	5.1	25	0.32
			30	0.33
			35	0.33
			40	0.34
			45	0.31
			1	0.33
			1 ¼	0.32
23	142.3	5.6	25	0.36
			30	0.36
			35	0.37
			40	0.38
			45	0.35
			1	0.36
			1 ¼	0.36
25	154.7	6.1	25	0.40
			30	0.40
			35	0.41
			40	0.42
			45	0.39
			1	0.40
			1 ¼	0.40

SPROCKET

Idler wheels for HS-915 / HS-981 / HS-981M /
HS-915-EL / HS-981M-EL / HS-881 / HS-820 /
HS-831 / HS-828 / HS-880 / HS-880M /
HS-HD915 / HS-HD981M series



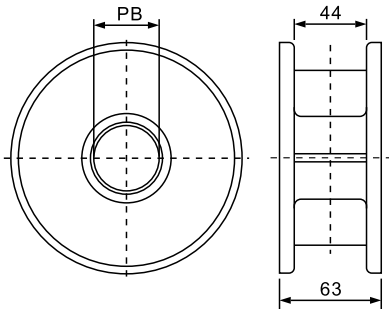
MOULDED SPLIT IDLER WHEELS

CHARACTERISTICS				
N° Teeth Z equivalent	Outside Diam (mm) (inch)		Rb Size (mm) (inch)	Weight (kg)
17	106.5	4.2	25	0.45
			30	0.43
			35	0.42
			40	0.36
			1	0.45
			1 ¼	0.43
			1 ½	0.31
19	118.0	4.6	25	0.54
			30	0.52
			35	0.51
			40	0.50
			1	0.54
			1 ⅞	0.51
			1 ¾	0.49
21	129.8	5.1	25	0.71
			30	0.69
			35	0.68
			40	0.66
			1	0.70
			1 ½	0.66
			2	0.64
23	142.3	5.6	25	0.80
			30	0.78
			35	0.77
			40	0.76
			1	0.80
			1 ½	0.76
			2	0.74
25	154.7	6.1	25	1.00
			30	0.99
			35	0.97
			40	0.95
			1	1.00
			1 ½	0.95
			2 ½	0.90

Note:Other bore sizes in imperial units are available.

SPROCKET

Idler wheels for HS-915 / HS-981 / HS-981M /
HS-915-EL / HS-981M-EL / HS-881 / HS-820 /
HS-831 / HS-828 / HS-880 / HS-880M /
HS-HD915 / HS-HD981M series

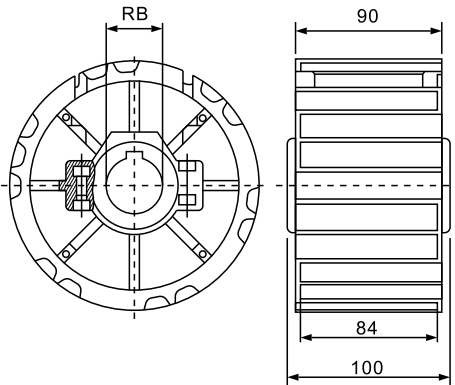


MOULDED SPLIT IDLER WHEELS

CHARACTERISTICS					
N° Teeth Z equivalent	Outside Diam (mm) (inch)		Rb Size (mm) (inch)		Weight (kg)
21	129.8	5.1	25		0.22
			30		0.22
			35		0.22
			40		0.20
			1		0.22
			1 3/16		0.21
			1 1/4		0.21
23	142.3	5.6	1 1/2		0.22
			25		0.25
			30		0.25
			35		0.24
			40		0.24
			1		0.24
			1 3/16		0.24
25	154.7	6.1	1 1/4		0.24
			1 1/2		0.25
			25		0.30
			30		0.29
			35		0.29
			40		0.28
			1		0.30
			1 3/16		0.30
			1 1/4		0.29
			1 1/2		0.25

SPROCKET

Sprockets for HS-2815 / HS-2815-EL series



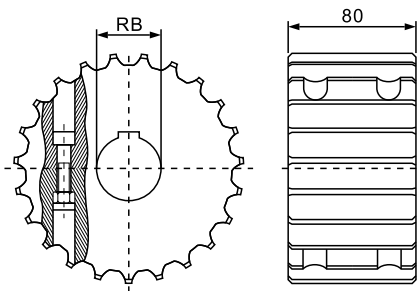
MOULDED SPLIT DRIVE AND IDLER SPROCKETS

N° Teeth Z actual Z effective		Pitch Diam (mm) (inch)		Outside Diam (mm) (inch)		Rb Size (mm) (inch)		Weight (kg)
25	12.5	153.20	6.03	154.2	6.1	30		0.99
						35		
						40		
						45		
						1 3/16		
						1 1/4		
						1 7/16		
						1 1/2		
						1 5/8		

Note:Sprockets made of cast iron on request

SPROCKET

Sprockets for HS-2815 / HS-2815-EL / HS-821 / HS-821-EL / HS-LBP821 series



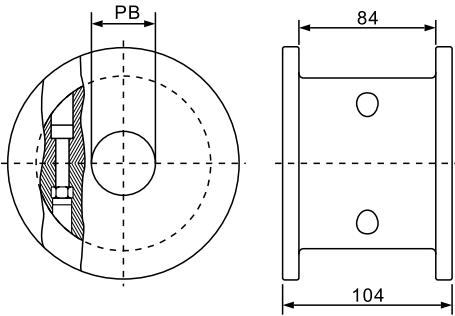
MOULDED SPLIT DRIVE AND IDLER SPROCKETS

CHARACTERISTICS								
N° Teeth		Pitch Diam		Outside Diam		Rb Size		Weight
Z actual	Z effective	(mm)	(inch)	(mm)	(inch)	(mm)	(inch)	(kg)
19	9.5	117.34	4.62	117.0	4.6	25		0.87
						30		0.85
						35		0.82
						40		0.78
							1	0.87
							1 7/16	0.81
							1 5/16	0.79
21	10.5	129.26	5.09	129.4	5.1	25		1.06
						30		1.03
						35		1.01
						40		0.99
							1	1.05
							1 1/2	0.99
							2	0.96
23	11.5	141.22	5.56	141.9	5.6	25		1.30
						30		1.27
						35		1.23
						40		1.22
							1	1.30
							1 1/2	1.21
							2 1/2	1.19
25	12.5	153.20	6.03	154.2	6.1	25		1.51
						30		1.50
						35		1.47
						40		1.44
							1	1.50
							1 1/2	1.44
							2 1/2	1.40
27	13.5	165.21	6.50	166.4	6.6	25		1.91
						30		1.89
						35		1.87
						40		1.84
							1	1.91
							1 1/2	1.84
							2 1/2	1.80

Note:Sprockets with 29 teeth also available. Other bore sizes in imperial units are available.

SPROCKET

Idler wheels for HS-2815 / HS-2815-EL series



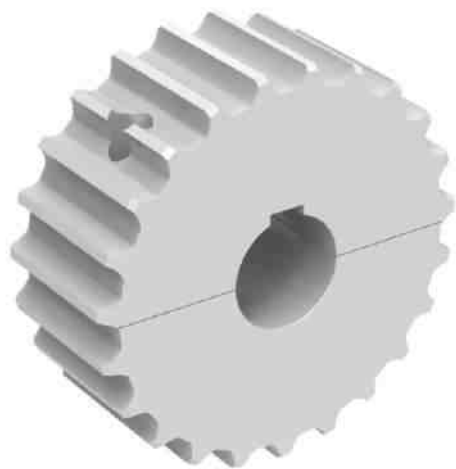
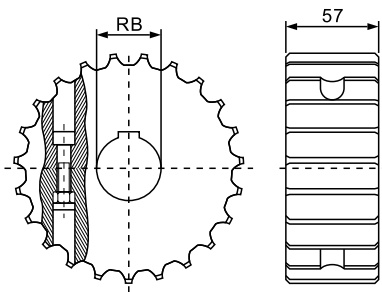
MOULDED SPLIT IDLER WHEELS

CHARACTERISTICS					
N° Teeth Z equivalent	Outside Diam		Rb Size		Weight (kg)
	(mm)	(inch)	(mm)	(inch)	
19	118.0	4.6	25		0.91
			30		0.86
			35		0.83
			40		0.81
				1	0.90
				1 7/16	0.82
				1 3/4	0.80
21	129.8	5.1	25		1.12
			30		1.10
			35		1.08
			40		1.05
				1	1.12
				1 1/2	1.05
				2	1.03
23	142.3	5.6	25		1.39
			30		1.37
			35		1.36
			40		1.34
				1	1.38
				1 1/2	1.34
				2	1.30
25	154.7	6.1	25		1.68
			30		1.65
			35		1.62
			40		1.58
				1	1.67
				1 1/2	1.58
				2 1/2	1.54

Note:Other bore sizes in imperial units are available.

SPROCKET

Sprockets for HS-9157 / HS-HD9157M /
HS-HD9157-EL / HS-HD9857M-EL series

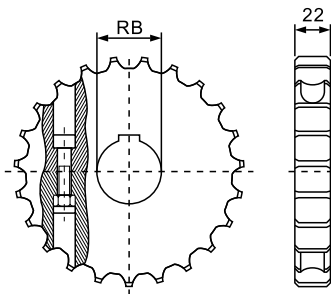


MOULDED SPLIT DRIVE AND IDLER SPROCKETS

CHARACTERISTICS						
N° Teeth		Pitch Diam		Outside Diam		Weight (kg)
Z actual	Z effective	(mm)	(inch)	(mm)	(inch)	
19	9.5	117.34	4.62	117.0	4.6	250.68
						300.66
						350.64
						400.63
						10.68
						1 7/160.64
						1 5/160.62
21	10.5	129.26	5.09	129.4	5.1	250.83
						300.81
						350.79
						400.78
						10.82
						1 1/20.78
						20.74
23	11.5	141.22	5.56	141.9	5.6	250.99
						300.98
						350.96
						400.94
						10.99
						1 1/20.94
						20.92
25	12.5	153.20	6.03	154.2	6.1	251.17
						301.16
						351.14
						401.12
						10.16
						1 1/21.12
						2 1/21.05
27	13.5	165.21	6.50	166.4	6.6	251.37
						301.35
						351.33
						401.32
						10.37
						1 1/21.32
						2 1/21.29

SPROCKET

Sprockets for HS-803 series

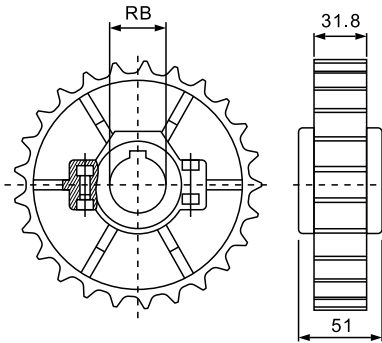


MOULDED SPLIT DRIVE AND IDLER SPROCKETS

CHARACTERISTICS						
N° Teeth		Pitch Diam		Outside Diam		Weight (kg)
Z actual	Z effective	(mm)	(inch)	(mm)	(inch)	
17	8.5	105.47	4.15	104.4	4.1	250.21
						300.21
						350.20
						400.19
						10.21
						1 1/40.20
						1 1/20.19
19	9.5	117.34	4.62	117.0	4.6	250.26
						300.26
						350.25
						400.24
						10.26
						1 7/160.25
						1 5/160.23
21	10.5	129.26	5.09	129.4	5.1	250.32
						300.32
						350.31
						400.30
						10.32
						1 1/20.30
						20.39
23	11.5	141.22	5.56	141.9	5.6	250.39
						300.38
						350.37
						400.37
						10.39
						1 1/20.37
						20.36
25	12.5	153.20	6.03	154.2	6.1	250.45
						300.45
						350.44
						400.44
						10.45
						1 1/20.44
						2 1/20.42

SPROCKET

Sprockets for HS-881 / HS-881T / HS-981 / HS-981T / HS-982T / HS-981T-EL / HS-803 series



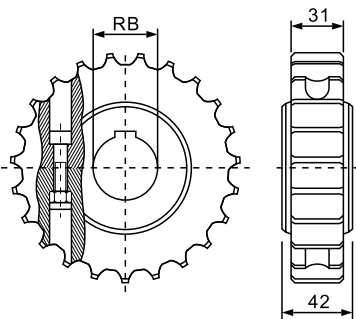
MOULDED SPLIT DRIVE AND IDLER SPROCKETS

CHARACTERISTICS						
N° Teeth		Pitch Diam		Outside Diam		Weight (kg)
Z actual	Z effective	(mm)	(inch)	(mm)	(inch)	
21	10.5	129.26	5.09	130.0	5.1	25
						30
						35
						40
						45
						1
						1 3⁄16
						1 ¼
						1 7⁄16
						1 ½
						1 5⁄8
						25
						30
						35
23	11.5	141.20	5.56	141.9	5.6	40
						45
						1
						1 3⁄16
						1 ¼
						1 7⁄16
						1 ½
						1 5⁄8
						25
						30
						35
						40
						45
						1
						1 3⁄16
25	12.5	153.20	6.03	154.2	6.1	1 ¼
						1 7⁄16
						1 ½
						1 5⁄8
						25
						30
						35
						40
						45
						1
						1 3⁄16
						1 ¼
						1 7⁄16
						1 ½
						1 5⁄8

Note:Sprockets made of steel or cast iron on request

SPROCKET

Sprockets for HS-881 / HS-881T / HS-981 / HS-981T / HS-982T / HS-981T-EL series



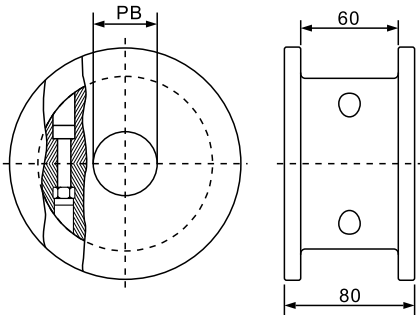
MOULDED SPLIT DRIVE AND IDLER SPROCKETS

CHARACTERISTICS						
N° Teeth		Pitch Diam		Outside Diam		Weight (kg)
Z actual	Z effective	(mm)	(inch)	(mm)	(inch)	
17	8.5	105.47	4.15	104.4	4.1	25
						30
						35
						40
						1
						1 ¼
						1 ½
						25
						30
						35
						40
						1
						1 7⁄16
						1 5⁄16
19	9.5	117.34	4.62	117.0	4.6	25
						30
						35
						40
						1
						1 7⁄16
						1 5⁄16
						25
						30
						35
						40
						1
						1 ½
						2
21	10.5	129.26	5.09	129.4	5.1	25
						30
						35
						40
						1
						1 ½
						2
						25
						30
						35
						40
						1
						1 ½
						2
23	11.5	141.22	5.56	141.9	5.6	25
						30
						35
						40
						1
						1 ½
						2
						25
						30
						35
						40
						1
						1 ½
						2 ½
25	12.5	153.20	6.03	154.2	6.1	25
						30
						35
						40
						1
						1 ½
						2 ½
						25
						30
						35
						40
						1
						1 ½
						2 ½

Note:Sprockets with 27 teeth also available, Other bore sizes in imperial units are available.

SPROCKET

Idler wheels for HS-9157 / HS-881T / HS-981T /
HS-HD9857M / HS-982T / HS-HD9157-EL /
HS-981T-EL / HS-HD9857M-EL series



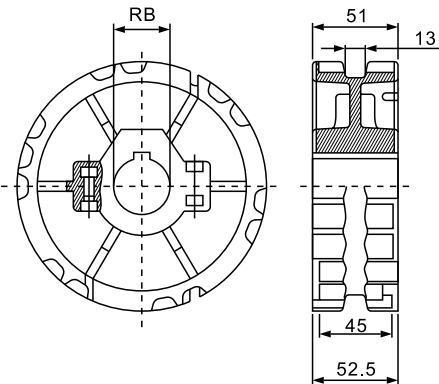
MOULDED SPLIT IDLER WHEELS

CHARACTERISTICS					
N° Teeth Z equivalent		Outside Diam (mm) (inch)		Rb Size (mm) (inch)	Weight (kg)
17		106.5	4.2	25	0.44
				30	0.42
				35	0.39
				40	0.37
				1	0.44
				1 ¼	0.42
				1 ½	0.36
19		118.0	4.6	25	0.58
				30	0.56
				35	0.54
				40	0.51
				1	0.58
				1 7/16	0.54
				1 ¾	0.50
21		129.8	5.1	25	0.75
				30	0.73
				35	0.71
				40	0.68
				1	0.75
				1 ½	0.68
				2	0.65
23		142.3	5.6	25	0.94
				30	0.92
				35	0.90
				40	0.87
				1	0.94
				1 ½	0.87
				2	0.84
25		154.7	6.1	25	1.16
				30	1.14
				35	1.11
				40	1.09
				1	1.16
				1 ½	1.09
				2 ½	1.04

Note:Other bore sizes in imperial units are available.

SPROCKET

Sprockets for HS-820 / HS-831 series



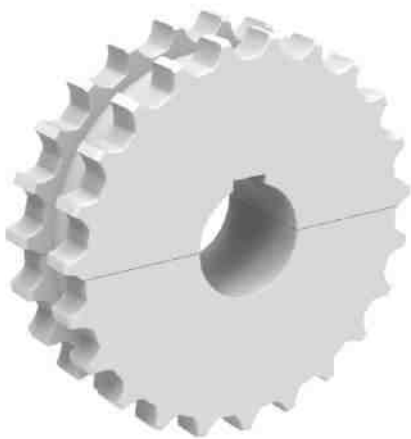
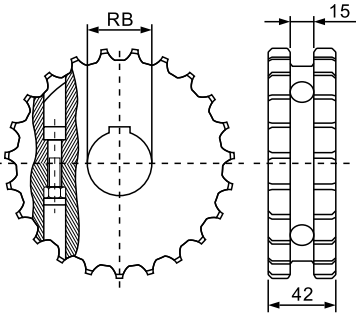
MOULDED SPLIT DRIVE AND IDLER SPROCKETS

CHARACTERISTICS									
N° Teeth Z actual Z effective		Pitch Diam (mm) (inch)		Outside Diam (mm) (inch)		Rb Size (mm) (inch)		Weight (kg)	
21	10.5	129.26	5.09	130.0	5.1	25		0.42	
						30			
						35			
						40			
						45			
						1			
						1 3/16			
23	11.5	141.20	5.56	141.9	5.6	1 ¼		0.47	
						1 7/16			
						1 ½			
						1 5/8			
						25			
						30			
						35			
25	12.5	153.20	6.03	154.2	6.1	40		0.52	
						45			
						1			
						1 3/16			
						1 ¼			
						1 7/16			
						1 ½			

Note:Sprockets made of steel or cast iron on request

SPROCKET

Sprockets for HS-820 /HS-831 series



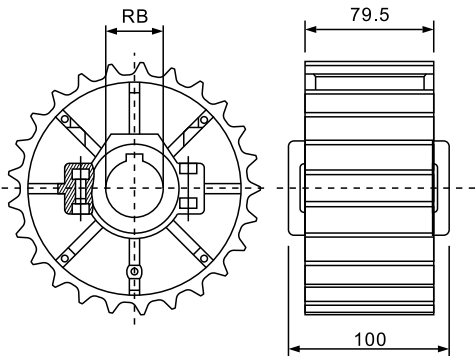
MOULDED SPLIT DRIVE AND IDLER SPROCKETS

CHARACTERISTICS								
N° Teeth		Pitch Diam		Outside Diam		Rb Size		Weight
Z actual	Z effective	(mm)	(inch)	(mm)	(inch)	(mm)	(inch)	(kg)
17	8.5	105.47	4.15	104.4	4.1	25		0.32
						30		0.31
						35		0.29
						40		0.28
						1		0.32
						1 ¼		0.31
						1 ½		0.28
19	9.5	117.34	4.62	117.0	4.6	25		0.42
						30		0.41
						35		0.39
						40		0.38
						1		0.42
						1 ⅞		0.39
						1 9⁄16		0.36
21	10.5	129.26	5.09	129.4	5.1	25		0.52
						30		0.51
						35		0.50
						40		0.48
						1		0.52
						1 ½		0.48
						2		0.44
23	11.5	141.22	5.56	141.9	5.6	25		0.63
						30		0.61
						35		0.60
						40		0.58
						1		0.63
						1 ½		0.58
						2		0.55
25	12.5	153.20	6.03	154.2	6.1	25		0.75
						30		0.74
						35		0.72
						40		0.71
						1		0.75
						1 ½		0.71
						2 ½		0.69

Note:Sprockets with 27 teeth also available. Other bore sizes in imperial units are available.

SPROCKET

Sprockets for HS-821 / HS-821-EL /
HS-LBP821 series



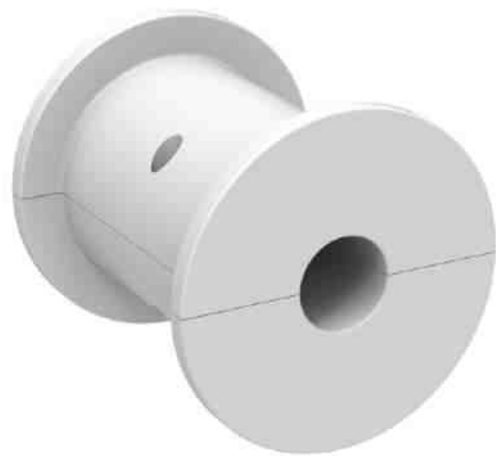
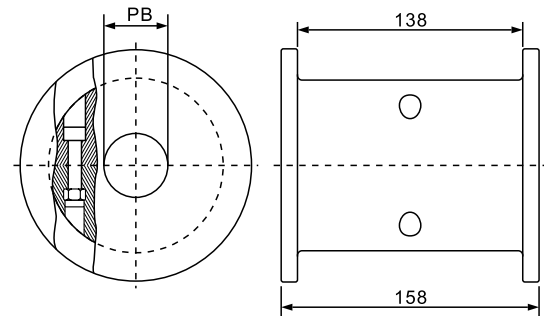
MOULDED SPLIT DRIVE AND IDLER SPROCKETS

CHARACTERISTICS								
N° Teeth		Pitch Diam		Outside Diam		Rb Size		Weight (kg)
Z actual	Z effective	(mm)	(inch)	(mm)	(inch)	(mm)	(inch)	
25	12.5	153.20	6.03	154.2	6.1	30	0.99	
						35		
						40		
						45		
						1 3⁄16		
						1 ¼		
						1 7⁄16		
						1 ½		
						1 5⁄8		

Note:Sprockets made of cast iron on request

SPROCKET

Idler wheels for HS-821 / HS-821-EL / HS-LBP821 series



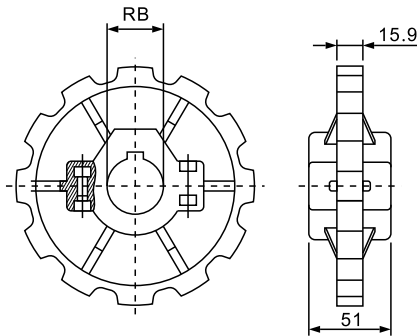
MOULDED SPLIT IDLER WHEELS

CHARACTERISTICS				
N° Teeth Z equivalent		Outside Diam (mm) (inch)		Rb Size (mm) (inch)
19		118.0	4.6	25
				30
				35
				40
				1
				1 7/16
				1 3/4
21		129.8	5.1	25
				30
				35
				40
				1
				1 1/2
				2
23		142.3	5.6	25
				30
				35
				40
				1
				1 1/2
				2
25		154.7	6.1	25
				30
				35
				40
				1
				1 1/2
				2 1/2

Note:Other bore sizes in imperial units are available.

SPROCKET

Sprockets for HS-828 / HS-880 / HS-880T / HS-880T-BO / HS-880-EL / HS-880-EL BO / HS-878 BO / HS-878-EL BO / HS-LBP 878T series



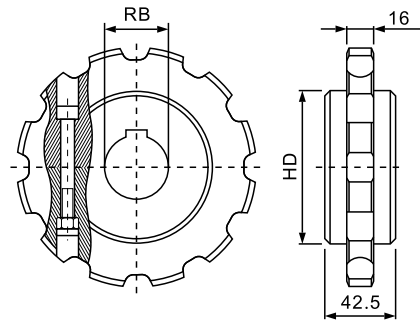
MOULDED SPLIT DRIVE AND IDLER SPROCKETS

CHARACTERISTICS				
N° Teeth Z actual Z effective		Pitch Diam (mm) (inch)		Outside Diam (mm) (inch)
12	12	147.21	5.80	147.3 5.8

Note:Sprockets made of cast iron on request

SPROCKET

Sprockets for HS-828 / HS-880 / HS-880T / HS-880T-BO / HS-880-EL / HS-880-EL BO / HS-878 BO / HS-878-EL BO / HS-LBP 878T series



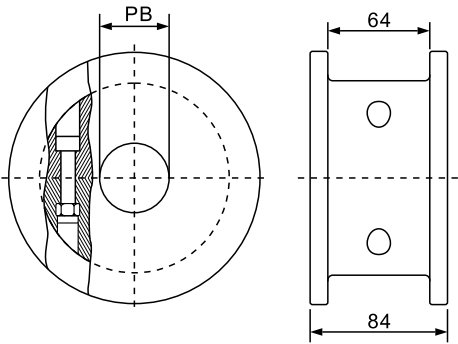
MOULDED SPLIT DRIVE AND IDLER SPROCKETS

CHARACTERISTICS									
N° Teeth		Pitch Diam		Outside Diam		HD	Rb Size		Weight
Zactual	Zeffective	(mm)	(inch)	(mm)	(inch)	(mm)	(mm)	(inch)	(kg)
9	9	111.40	4.39	109.8	4.3	75	25		0.31
							30		0.29
							35		0.27
							40		0.25
							1		0.31
							1 7⁄16		0.27
							1 5⁄16		0.23
10	10	123.29	4.85	122.4	4.8	85	25		0.37
							30		0.36
							35		0.35
							40		0.34
							1		0.37
							1 1⁄2		0.34
							2		0.31
11	11	135.24	5.32	134.9	5.3	90	25		0.42
							30		0.41
							35		0.40
							40		0.38
							1		0.42
							1 1⁄2		0.38
							2 1⁄2		0.34
12	12	147.21	5.80	147.3	5.8	95	25		0.54
							30		0.53
							35		0.52
							40		0.51
							1		0.54
							1 1⁄2		0.51
							2 1⁄2		0.49

Note:Other bore sizes in imperial units are available.

SPROCKET

Idler wheels for HS-880T /HS-880T-BO / HS-880-EL / HS-880-EL / HS-880-EL BO / HS-878 BO / HS-878-EL BO / HS-LBP 878T series



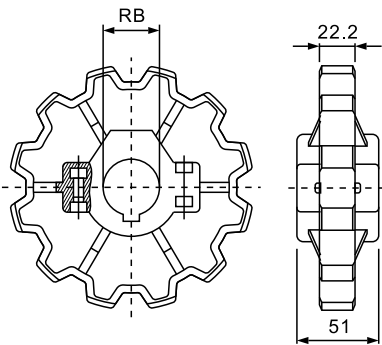
MOULDED SPLIT IDLER WHEELS

CHARACTERISTICS					
N° Teeth Z equivalent	Outside Diam		Rb Size		Weight (kg)
	(mm)	(inch)	(mm)	(inch)	
9	118.0	4.6	25		0.61
			30		0.59
			35		0.56
			40		0.53
				1	0.61
				1 ⁷ / ₁₆	0.56
				1 ³ / ₄	0.52
10	129.8	5.1	25		0.78
			30		0.76
			35		0.74
			40		0.71
				1	0.78
				1 ¹ / ₂	0.71
				2	0.69
11	142.3	5.6	25		0.98
			30		0.96
			35		0.94
			40		0.91
				1	0.98
				1 ¹ / ₂	0.91
				2	0.89
12	154.7	6.1	25		1.21
			30		1.19
			35		1.16
			40		1.13
				1	1.21
				1 ¹ / ₂	1.13
				2 ¹ / ₂	1.09

Note:Other bore sizes in imperial units are available.

SPROCKET

Sprockets for HS-882 / HS-882T /
HS-882-EL T / HS-LBP882T / HS-LBP882M
series



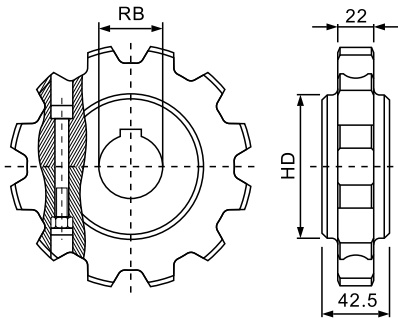
MOULDED SPLIT DRIVE AND IDLER SPROCKETS

CHARACTERISTICS						
N° Teeth		Pitch Diam		Outside Diam		Weight (kg)
Z actual	Z effective	(mm)	(inch)	(mm)	(inch)	
12	12	147.21	5.80	150.0	5.9	25
						30
						35
						40
						1
						1 3/16
						1 1/4
						1 7/16
						1 5/8
						1 3/4

Note:Sprockets made of cast iron on request

SPROCKET

Sprockets for HS-882 / HS-882T /
HS-882-EL T / HS-LBP882T / HS-LBP882M
series



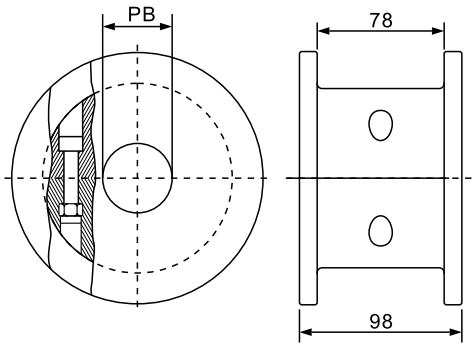
MOULDED SPLIT DRIVE AND IDLER SPROCKETS

CHARACTERISTICS									
N° Teeth		Pitch Diam		Outside Diam		HD (mm)	Rb Size		Weight (kg)
Z actual	Z effective	(mm)	(inch)	(mm)	(inch)		(mm)	(inch)	
9	9	111.40	4.39	111.8	4.4	60	25		0.33
							30		0.32
							35		0.31
							40		0.29
							1		0.33
							1 1/4		0.32
							2 1/2		0.29
							25		0.37
10	10	123.29	4.85	124.4	4.9	75	30		0.37
							35		0.36
							40		0.35
							1		0.37
							1 1/6		0.35
							1 5/16		0.33
							25		0.44
							30		0.44
11	11	135.24	5.32	136.9	5.4	85	35		0.42
							40		0.41
							1		0.44
							1 1/2		0.41
							2		0.39
							25		0.54
							30		0.54
							35		0.53
12	12	147.21	5.80	149.3	5.9	90	40		0.52
							1		0.54
							1 1/2		0.52
							2 1/2		0.49

Note:Other bore sizes in imperial units are available.

SPROCKET

Idler wheels for HS-882 / HS-882T /
HS-882-EL T / HS-LBP882T / HS-LBP882M
series



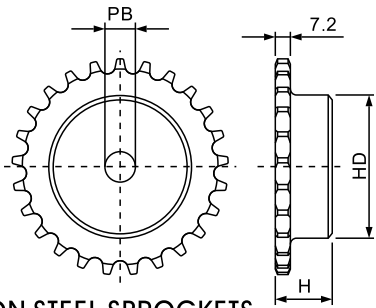
MOULDED SPLIT IDLER WHEELS

CHARACTERISTICS						
N° Teeth Z equivalent		Outside Diam (mm) (inch)		Rb Size (mm) (inch)		Weight (kg)
9		118.0	4.6	25		0.47
				30		0.44
				35		0.42
				40		0.38
				1		0.47
10		129.8	5.1	1 ¼		0.44
				1 ½		0.38
				25		0.65
				30		0.63
				35		0.60
11		142.3	5.6	40		0.57
				1		0.65
				1 7/16		0.60
				1 5/16		0.52
				25		0.84
12		154.7	6.1	30		0.82
				35		0.79
				40		0.76
				1		0.84
				1 ½		0.76
				2		0.73
				25		1.08
				30		1.06
				35		1.03
				40		1.00
				1		1.08
				1 ½		1.00
				2 ½		0.98

Note:Other bore sizes in imperial units are available.

SPROCKET

Sprockets for HS-843 / HS-845 /
HS-1843 series

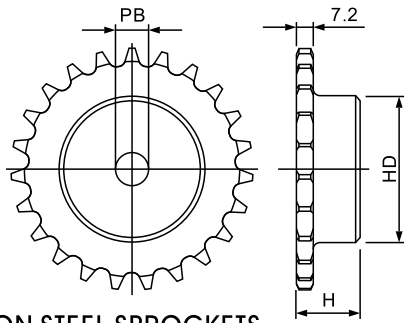


CARBON STEEL SPROCKETS

CHARACTERISTICS												
N° Teeth Z actual Z effective		Pitch Diam (mm) (inch)		Outside Diam (mm) (inch)		HD (mm) (inch)		Rb Size (mm) (inch)		H (mm) (inch)		Weight (kg)
13*	6 ½	53.06	2.09	57.4	2.3	37.00	1.46	10	0.39	28.00	1.10	0.28
15*	7 ½	61.09	2.41	65.5	2.6	45.00	1.77	10	0.39	28.00	1.10	0.41
17*	8 ½	69.11	2.72	73.6	2.9	52.00	2.05	10	0.39	28.00	1.10	0.54
19	9 ½	77.16	3.04	81.7	3.2	60.00	2.36	12	0.47	28.00	1.10	0.70
21	10 ½	85.22	3.36	89.7	3.5	68.00	2.68	12	0.47	28.00	1.10	0.89
23	11 ½	93.27	3.67	98.2	3.9	70.00	2.76	12	0.47	28.00	1.10	0.98
25	12 ½	101.33	3.99	105.8	4.2	70.00	2.76	12	0.47	28.00	1.10	1.06
27	13 ½	109.40	4.31	114.0	4.5	70.00	2.76	15	0.59	30.00	1.18	1.17
29	14 ½	117.46	4.62	122.0	4.8	80.00	3.15	15	0.59	30.00	1.18	1.47
31	15 ½	125.54	4.94	130.2	5.1	90.00	3.54	16	0.63	30.00	1.18	1.79
33	16 ½	133.60	5.26	138.4	5.4	90.00	3.54	16	0.63	30.00	1.18	1.88

*Do not use with 1843 Series.

Sprockets for HS-863 / HS-1873 / HS-1873T / HS-1873-EL T / HS-1873D / HS-1873GD /
HS-1873TAB-GD series



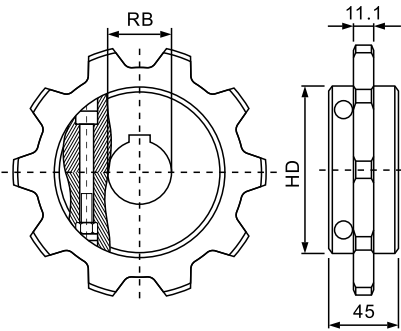
CARBON STEEL SPROCKETS

CHARACTERISTICS												
N° Teeth Z actual Z effective		Pitch Diam (mm) (inch)		Outside Diam (mm) (inch)		HD (mm) (inch)		Rb Size (mm) (inch)		H (mm) (inch)		Weight (kg)
15*	7 ½	91.63	3.61	99.8	3.9	70.00	2.76	14	0.55	35.00	1.38	1.26
17*	8 ½	103.67	4.08	111.5	4.4	80.00	3.15	16	0.63	35.00	1.38	1.67
19	9 ½	115.75	4.56	124.2	4.9	80.00	3.15	16	0.63	35.00	1.38	1.82
21	10 ½	127.82	5.03	136.0	5.4	90.00	3.54	20	0.79	40.00	1.57	2.48
23	11 ½	139.90	5.51	149.0	5.9	90.00	3.54	20	0.79	40.00	1.57	2.71
25	12 ½	152.00	5.98	160.0	6.3	90.00	3.54	20	0.79	40.00	1.57	2.91
27	13 ½	164.09	6.46	172.3	6.8	95.00	3.74	20	0.79	40.00	1.57	3.39
29	14 ½	176.19	6.94	184.1	7.2	95.00	3.74	20	0.79	40.00	1.57	3.68
31	15 ½	188.31	7.41	196.3	7.7	100.00	3.94	25	0.98	40.00	1.57	4.18

*Do not use with 1863-1873 and 1874 Series.

SPROCKET

Sprockets for HS-1700 / HS-1700 T /
HS-1701 / HS-1701T / HS-1702 / series



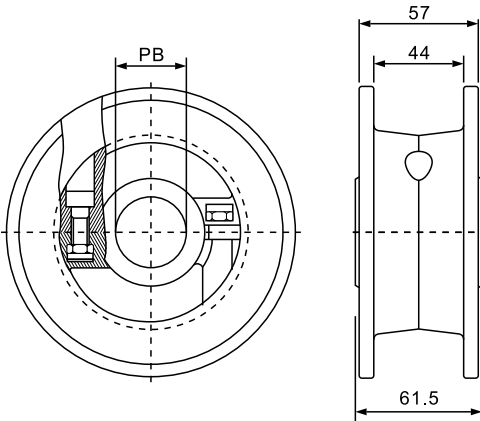
MOULDED SPLIT DRIVE AND IDLER SPROCKETS

CHARACTERISTICS									
N° Teeth		Pitch Diam		Outside Diam		HD	Rb Size		Weight
Zactual	Zeffective	(mm)	(inch)	(mm)	(inch)	(mm)	(mm)	(inch)	(kg)
8	8	130.66	5.14	132.3	5.2	80	25		0.31
							30		0.29
							35		0.28
							40		0.27
							1		0.31
							1 ¼		0.29
							2 ½		0.27
10	10	161.80	6.37	165.2	6.5	110	25		0.61
							30		0.60
							35		0.58
							40		0.57
							1		0.61
							1 ½		0.57
							2		0.55
12	12	193.19	7.61	198.0	7.8	130	25		0.78
							30		0.76
							35		0.75
							40		0.73
							1		0.78
							1 ½		0.73
							2 ½		0.69
13	13	208.93	8.23	214.2	8.4	150	25		0.80
							30		0.77
							35		0.76
							40		0.74
							1		0.80
							1 ½		0.74
							2 ½		0.70

Note:Other bore sizes in imperial units are available, Sprockets made of cast iron on request.

SPROCKET

Idler wheels for HS-1050 / HS1060 /
HS-1050 T / HS-1060 T series

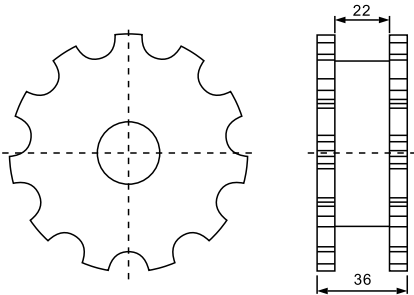


MOULDED SPLIT IDLER WHEELS

CHARACTERISTICS					
N° Teeth Z equivalent	Outside Diam		Pb Size		Weight (kg)
	(mm)	(inch)	(mm)	(inch)	
21	129.8	5.1	25		0.32
			30		0.33
			35		0.33
			40		0.34
			45		0.31
				1	0.33
				1 ¼	0.32
23	142.3	5.6	25		0.36
			30		0.36
			35		0.37
			40		0.38
			45		0.35
				1	0.36
				1 ¼	0.36
25	154.7	6.1	25		0.40
			30		0.40
			35		0.41
			40		0.42
			45		0.30
				1	0.40
				1 ¼	0.40

SPROCKET

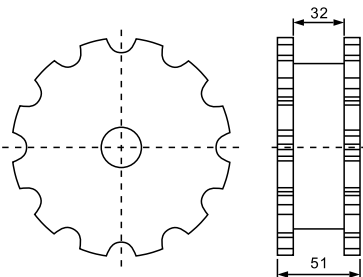
Sprockets for HS-7100-63 / HS-7100-70 series



MOULDED SPLIT IDLER WHEELS

CHARACTERISTICS					
N° Teeth Z equivalent	Pitch diameter		Outside diameter		Bore
	(mm)	(inch)	(mm)	(inch)	(mm)
11	90.2	3.55	100.0	3.94	20/25/30
16	130.2	5.13	140.0	5.51	25/30/35

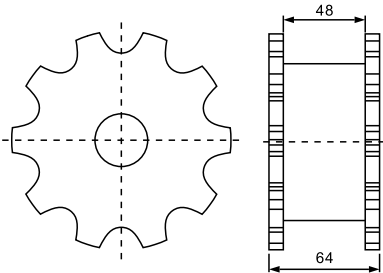
Idler wheels for HS-7100-80 / HS-7100-83 / HS-7100-83 G1 / HS-7100-83 G3 series



MOULDED SPLIT IDLER WHEELS

CHARACTERISTICS					
N° Teeth Z equivalent	Pitch diameter		Outside diameter		Bore
	(mm)	(inch)	(mm)	(inch)	(mm)
9	97.9	3.85	100.0	3.94	20/25/30
12	129.0	5.08	135.0	5.31	25/30/35

Idler wheels for HS-7100-103 series

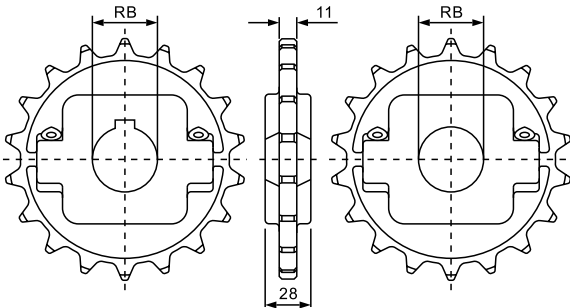


MOULDED SPLIT IDLER WHEELS

CHARACTERISTICS					
N° Teeth Z equivalent	Pitch diameter		Outside diameter		Bore
	(mm)	(inch)	(mm)	(inch)	(mm)
9	103.8	4.09	110.0	4.33	20/25/30
10	114.9	4.52	120.0	4.72	20/25/30
12	137.2	5.40	145.0	5.71	25/30/35

SPROCKET

Sprockets for HS-1050 / HS-1060 /
HS-1050TAB / HS-1060TAB / series

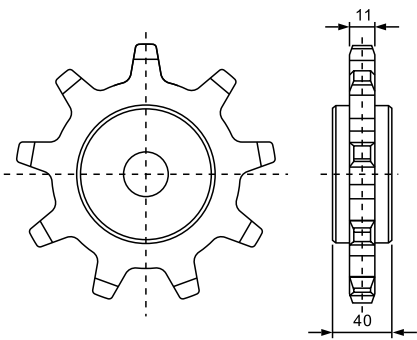


SPLIT DRIVE AND IDLER SPROCKETS

CHARACTERISTICS						
N° Teeth Z	Pitch Diameter		Outside Diam		Bore Size	
	(mm)	(inch)	(mm)	(inch)	(mm)	(inch)
16	130.20	5.1	131.3	5.2	25	0.25
					30	0.24
					35	0.24
					40	0.23
					45	0.22
					50	0.21
					1	0.25
					1 3/16	0.24
					1 1/4	0.24
					1 3/8	0.24
18	146.27	5.8	147.6	5.8	1 7/16	0.24
					1 1/2	0.23
					25	0.29
					30	0.28
					35	0.28
					40	0.27
					45	0.27
					50	0.26
					1	0.29
					1 3/16	0.28
19	154.32	6.1	156.3	6.2	1 1/4	0.28
					1 3/8	0.28
					1 7/16	0.28
					1 1/2	0.27
					25	0.32
					30	0.32
					35	0.31
					40	0.31
					45	0.30
					50	0.29
					1	0.32
					1 3/16	0.32
					1 1/4	0.32
					1 3/8	0.31
					1 7/16	0.31
					1 1/2	0.31

SPROCKET

Sprockets for HS-83-EL / HS-83-3 /
HS-7100-140series

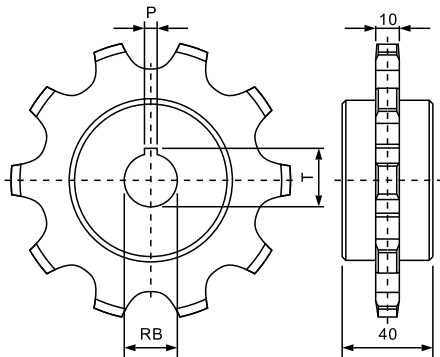


MOULDED SPLIT IDLER WHEELS

CHARACTERISTICS					
N° Teeth Z equivalent	Pitch diameter		Outside diameter		Bore
	(mm)	(inch)	(mm)	(inch)	(mm)
9	109.8	4.32	115.0	4.53	20/25/30
11	133.3	5.24	138.0	5.43	20/25/30
13	156.9	6.17	166.0	6.53	25/30/35

SPROCKET

Sprockets for HS-114 series

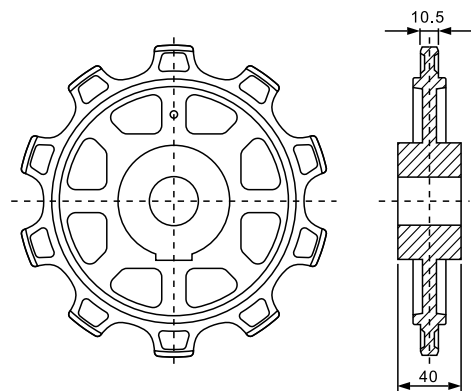
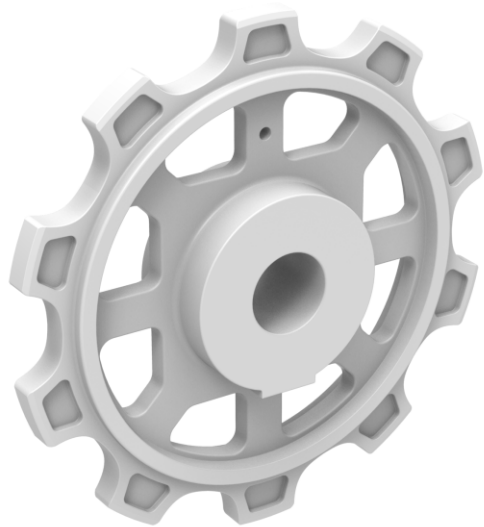


MOULDED SPLIT IDLER WHEELS

CHARACTERISTICS						
N° Teeth Z equivalent	Pitch diameter		Outside diameter		RB	T
	(mm)	(inch)	(mm)	(inch)	(mm)	(mm)
9	111.4	4.39	110.0	4.33	25	28.3
					30	33.3
					35	38.3
10	123.3	4.85	122.0	4.80	25	28.3
					30	33.3
					35	38.3
					40	43.3
11	135.2	5.32	135.4	5.33	25	28.3
					30	33.3
					35	38.3
					40	43.3
12	147.2	5.79	147.6	5.81	25	28.3
					30	33.3
					35	38.3
					40	43.3

SPROCKET

Sprockets for HS-2600-O /
HS-2600 TAB-O series

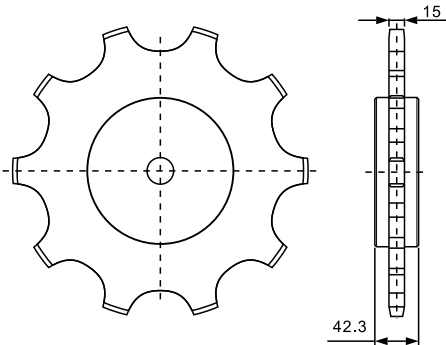


MOULDED SPLIT IDLER WHEELS

CHARACTERISTICS					
N° Teeth Z equivalent	Pitch diameter		Outside diameter		Bore
	(mm)	(inch)	(mm)	(inch)	(mm)
6	127.0	5.00	129.0	5.08	20~50
8	165.9	6.53	168.9	6.65	20~50
10	205.5	8.09	209.4	8.24	20~50
11	225.4	8.87	232.0	9.13	20~50
12	245.0	9.66	255.0	10.03	20~50
14	285.0	11.22	296.0	11.65	20~50

SPROCKET

Sprockets for HS-2800-O /
HS-2800 TAB-O series

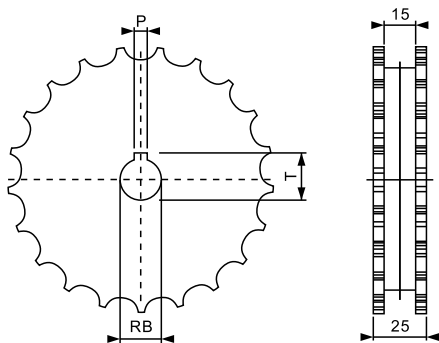


MOULDED SPLIT IDLER WHEELS

CHARACTERISTICS						
N° Teeth Z equivalent	Pitch diameter		Outside diameter		Hub diameter	Bore
	(mm)	(inch)	(mm)	(inch)	(mm)	(mm)
8	215.6	8.49	230.0	9.06	74	20~50
10	267.0	10.51	278.4	10.96	74	20~50

SPROCKET

Sprockets for HS-820mini series

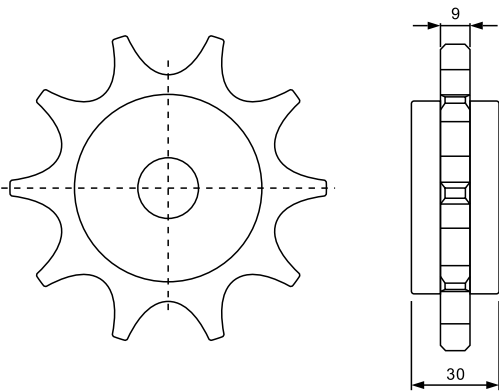
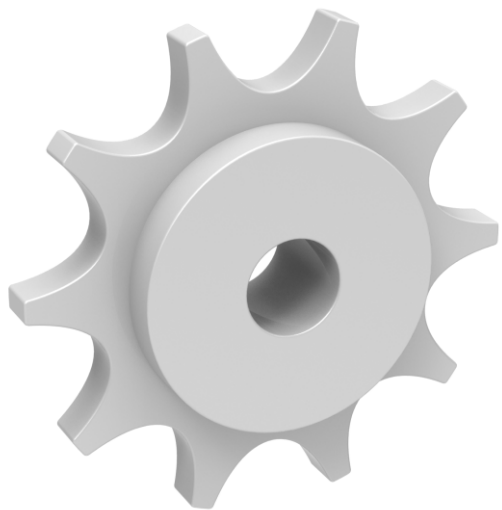


MOULDED SPLIT IDLER WHEELS

CHARACTERISTICS						
N° Teeth Z equivalent	Pitch diameter (mm) (inch)		Outside diameter (mm) (inch)		RB (mm)	T (mm)
17	105.47	4.15	104.4	4.11	25	28.3
					30	33.3
19	117.34	4.62	117.0	4.60	25	28.3
					30	33.3
					35	38.3
					25	28.3
21	129.26	5.09	129.4	5.10	30	33.3
					35	38.3
					40	43.3
					25	28.3
23	141.20	5.56	141.9	5.59	30	33.3
					35	38.3
					40	43.3
					25	28.3
25	153.20	6.03	154.2	6.07	30	33.3
					35	38.3
					40	43.3
					25	28.3

SPROCKET

Sprockets for HS-F54 series



MOULDED SPLIT IDLER WHEELS

CHARACTERISTICS						
N° Teeth Z equivalent	Pitch diameter (mm) (inch)		Outside diameter (mm) (inch)		Hub diameter (mm)	Bore (mm)
9	92.3	3.63	98.0	3.86	55	20
10	102.2	4.02	107.2	4.22	65	20
12	122.0	4.80	126.8	4.99	75	20
20	141.9	5.59	147.3	5.80	85	20

Conversion rule of system international (SI)

Technical Information			
Unit before conversion SI (metric system)	System international (SI)	Divided by conversion ratio	Unit after conversion
Length			
米	m	0.3048	ft
厘米	cm	30.48	ft
毫米	mm	304.8	ft
米	m	0.0254	inch
厘米	cm	2.54	inch
毫米	mm	25.4	inch
米	m	1609.34	mile
千米	km	1.60934	mile
米	m	0.9144	yd
quality			
克	g	28.3495	oz
千克	kg	0.0283495	oz
千克	kg	0.45359	lb
Velocity			
米/分钟		0.00508	ft/h
米/小时		0.3048	ft/h
米/分钟		0.3048	ft/min
米/秒	m/s	0.00508	ft/min
米/分钟		18.288	ft/s
米/秒	m/s	0.3048	ft/s
Strenght&Strength /Length			
牛	N	9.80665	kgf
牛	N	4448.22	kip
牛	N	0.27801	ozf
牛	N	4.44822	lbf
牛/米	N/m	175.1268	lb/inch
牛/米	N/m	14.5939	lb/ft

Reference value of service temperature

Material	Symbol	Minimum temperature	Maximum temperature Dry running	Material use
Length				
Carbon steel	C45	-70°	+180°	Metal link plate and roller chain
Ferritic stainless steel	Standard	-30°	+400°	Metal link plate
Extra Plus stainless steel	Extra Plus	-30°	+400°	Metal link plate
Austenitic stainless steel	Austic	-30°	+400°	Metal link plate and roller chain
Acetal resin	D,W	-40°	+80°	Metal link plate
Low-friction acetal resin	LF,LFW,LFG	-40°	+80°	Plastic Chains belt
High-friction acetal resin	XPG	-40°	+80°	Plastic Chains belt
New material	NG	-40°	+120°	Plastic Chains belt
Anti-electrostatic acetal resin	AS	-40°	+80°	Plastic Chains belt
High-temperature resistant material	HT	-40°	+120°<200	Plastic Chains belt
Special chemical resistance material	CR	-10°	+100°	Plastic Chains belt
High wear-resistant material	AR	-10°	+100°	Plastic Chains belt
Acrylonitrile-butadiene rubber	NBR	-40°	+110°	Rubber pad and rubber chuck
EPDM rubber	EPDM	-40°	+80°	Rubber pad and rubber chuck
Polyamide	PA	-10°	+80°	Chain wheel and driven wheel
Reinforced polyamide	PA.FV	-20°	+120°	Chain wheel and driven wheel
Polypropylene	PP	-5°	+100°	Chain wheel and driven wheel
Reinforced polypropylene	PP.FV	-10°	+110°	Chain wheel and driven wheel
Polyethylene	PE	-40°	+80°	Chain wheel and driven wheel

Cast nylon MC

Good comprehensive performance, high strength, stiffness & hardness, excellent resistance of creep, wear, heat and aging (applicable temperature range - 40℃~ 120℃), and good mechanical processing performance. Widely replace wear parts of mechanical equipment, such as copper and alloy parts.



polytetrafluoroethylene PTFE

Commonly known as the king of plastic, F4 and teflon, it is made of suspension PTFE resin which is molded and pressed. It can be made into plank, car pass and tube. The model can be made through pressing and pulling. And it can also be mixed with graphite to be made into plate, rod, root, rope and raw material belt.



ultra-high molecular weight polyethylene UHMWPE

Good resistance to impact (ranking first among all plastics), corrosion resistance and chemical resistance, lower density than other thermoplastics, low wearing coefficient and water imbibition, superior demoulding performance, extremely low water imbibition, good electrical insulation & antistatic property, moderate mechanical strength, good creep resistance, excellent mechanical processing performance, continuous naturality, high-energy radiation resistance.



Polyoxymethylene POM

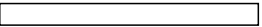
High strength, stiffness & hardness, excellent elasticity; good creep resistance; high impact strength even at low temperature; good dimensional stability; good slipping performance, wear resistance; excellent mechanical performance; physiological inert, suitable for direct contact with food. Mainly used for all kinds of sliding and rotation machinery parts, such as gear, pulley, sprocket, roller bearing and bearing ring.



Polyamide PA

- High strength, stiffness, hardness & toughness
- Excellent aging resistance and mechanical vibration reduction capability
- Good sliding capacity, wear resistance and mechanical processing performance

Instead of metals such as copper, PA is widely used in manufacturing bearing, gear, pump and other parts in mechanical, chemical, instrumentation and automobile industries. It has a large variety, including PA6, PA66, PA11, PA12, etc. The most commonly used PA66 nylon is a kind of "universal" material, applied in manufacturing mechanical structure parts and maintainable parts.



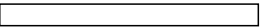
Acrylonitrile butadiene Styrene copolymers ABS

ABS resin is the most widely used polymer with the largest volume of production. It combines the various good performances of PS, SAN and BS and has good mechanical property of phase equilibrium with toughness, hardness and stiffness. ABS is a terpolymer of acrylonitrile, butadiene and styrene. A represents acrylonitrile, B butadiene and S styrene. Widely used in the automobile, electrical instrumentation and mechanical industries, it is usually made into gear, auto parts, fender, armrest, refrigerator liner, blade, bearing, handle, pipes, joint, instrument shell, dashboard, basin safety helmet, etc.



Polyethylene terephthalate PET

PEL, an engineering plastic material, is made of crystalline thermoplastic polyester with high strength, stiffness & hardness, and toughness, low friction coefficient and good dimensional stability. The applicable temperature range is - 40℃~ +110℃, Mainly used for high load sliding bearing parts, shell covers and complex parts in accurate size.



Polyetheretherketone PEEK

PEEK is high polymer of which the main chain structure contains a ketone bond and two ethe bonds. It belongs to the special polymer materials. It is a kind of first-class crystalline polymer materials with high temperature resistance, chemical corrosion resistance and other physical and chemical properties. The melting point is 334 ℃, softening point 168 ℃, and tensile strength 132 ~ 148 Mpa. In place of the traditional materials such as metal and ceramic, it is mainly used in the manufacture of compressor valve plates, piston rings, seals, etc.



polyurethane PU

CPU is the abbreviation of Polyurethane, and different density, elasticity, rigidity and other physical properties can be obtained by simply modifying the formula. With good thermoplasticity and spinnability, it can be made into plastic and fiber. PU composite plate gets good heat insulation, heat preservation and flame retardant effects. It is greatly used to replace glass fiber insulation materials, timber, traditional rubber products, etc.



Physical performance indicators of ordinary engineering plastic products (for reference)

Performance				Extruded nylon Pa6	Extruded nylon Pa66	Extruded nylon Pa66-C	Extruded nylon Pa4.6	Extruded nylon Pa66+30% Glass fiber	Cast nylon MC
Color		—	—	Natural color White, Black	Natural color White, Black	Natural color White	Red brown	Black	Natural color Ivory white Black
Density		1183	g/cm³	1.14	1.14	1.14	1.18	1.29	1.15
Water imbibition:		62	mg	68/168	40/72	65/120	90/180	30/56	44/83
Immersing in 23℃ water for 24 hours / 96 hours		62	%	0.69/1.31					
In the 23℃ / 50% RH air		—	%	2.6	2.4	2.5	2.8	1.7	2.2
Soaking in 23℃ water		—	% _{6.5}	9	8	8.5	9.5	5.5	
Thermal performance									
Melting point		—	℃	220	225	240	295	255	220
Vitrification temperature		—	℃	—	—	—	—	—	—
Thermal conductivity at 23℃		—	W/(k.m)	0.28	0.28	0.28	0.30	0.30	0.29
Coefficient of linear thermal expansion:									
The average between 23-100℃		—	m/(m.k)	95X10 ⁻⁶	80X10 ⁻⁶	85X10 ⁻⁶	80X10 ⁻⁶	50X10 ⁻⁶	80X10 ⁻⁶
The average between 23-150℃		—	m/(m.k)	105X10 ⁻⁶	95X10 ⁻⁶	100X10 ⁻⁶	90X10 ⁻⁶	60X10 ⁻⁶	90X10 ⁻⁶
hermal deformation temperature:									
Method A: 18Mpa		+	75	℃	70	85	75	160	150
Allowable operating temperature in the air:									
Short time		—	℃	160	180	170	200	240	170
Continuous work: 5000/20000		—	℃	85/70	95/80	90/97	155/135	120/110	105/90
Minimum operating temperature				-40	-30	-30	-40	-20	-30
Flammability:									
“Oxygen index”		4589	%	25	25	24	24	—	25
According to the UL 94 (thickness in 3/6)		—	—	HB/HB	HB/HB	HB/HB	HB/HB	HB/HB	HB/HB
Mechanical performance in 23℃									
Stress test:									
Bending tensile stress/Broken tensile stress	+	527	Mpa	76/-	90/-	86/-	100/-	-/100	85/-
	++	527	Mpa	45/-	55/-	50/-	55/-	-/75	55/-
Breaking tensile strain	+	527	%	>50	>40	>50	25	5	25
	++	527	%	>100	>100	>100	>100	12	>50
Modulus of elasticity for tension	+	527	Mpa	3250	3450	3300	3300	5900	3500
	++	527	Mpa	1400	1650	1450	1300	3200	1700
Compression test:									
1/2/5% normal strain compression capability		+	604	Mpa	24/46/80	25/49/92	24/47/88	23/45/94	28/55/90
Creep-resistance tensile test									
1% of strain to stress (1000h)	+	899	Mpa	18	20	19	22	26	22
	++	899	Mpa	7	8	7.5	7.5	18	10
Pendulum impact test----Unnotched		+	179/1eu	Kj/m²	no break	no break	no break	≥50	no break
Pendulum impact test----Notched		+	179/1eA	Kj/m²	5.5	4.5	5	8	35
Ball indentation hardness		+	2039-1	N/mm²	150	160	155	165	160
Rockwell hardness		+	2039-2	—	M85	M88	M87	M92	M76
Electrical performance at 23℃									
Dielectric strength	+	(243)	Kv/mm	25	26	26	25	30	25
	++	(243)	Kv/mm	16	18	17	15	20	17
Volume resistance	+	(93)	Ohm.cm	>10 ¹⁴	>10 ¹⁴	>10 ¹⁴	>10 ¹⁴	>10 ¹⁴	>10 ¹⁴
	++	(93)	Ohm.cm	>10 ¹²	>10 ¹²	>10 ¹²	>10 ¹²	>10 ¹²	>10 ¹²
Surface resistance	+	(93)	Ohm	>10 ¹³	>10 ¹³	>10 ¹³	>10 ¹³	>10 ¹³	>10 ¹³
	++	(93)	Ohm	>10 ¹²	>10 ¹²	>10 ¹²	>10 ¹²	>10 ¹²	>10 ¹²
Relative dielectric constant	-100M HZ	+	(250)	—	3.9	3.8	3.8	3.9	3.6
		++	(250)	—	7.4	7.4	7.4	6.9	6.6
	-1M HZ	+	(250)	—	3.3	3.3	3.3	3.6	3.2
		++	(250)	—	3.8	3.8	3.8	3.9	3.7
	Dielectric demand constant	-100M HZ	+	(250)	—	0.019	0.013	0.013	0.009
			++	(250)	—	0.13	0.13	0.13	0.19
	-1M HZ	+	(250)	—	0.021	0.020	0.020	0.019	0.014
		++	(250)	—	0.06	0.06	0.06	0.04	0.05
Comparative tracking index (CTI)	+	(112)	—	600	600	600	400	475	600
	++	(112)	—	600	600	600	400	475	600

Cast nylon Pa6	Cast nylon MC+ Oil	Cast nylon MC	Cast nylon Pa6 + Molybdenum disulfide	Cast nylon Pa6 +Solid lubricant	Cast nylon Pa66 + Molybdenum disulfide	Polyoxyme-thylene POM-C	Polyoxyme-thylene POM-H	Polyoxyme-thylene POM-H-TF	Polyethylene terephthalate PET	PET+ Solid lubricant	Polycarbonate PC
Black	Green	Blue	Grey black	Grey	Grey black	Natural color White, Black	Natural color White, Black	Dark brown	Natural color Clear and translucent	Grey	Natural color Clear and translucent
1.15	1.135	1.15	1.16	1.15	1.15	1.41	1.43	1.50	1.39	1.44	1.20
47/89	44/83	49/93	52/98	40/76	46/85	20/37	18/36	16/32	6/13	5/11	13/23
0.69/1.31	0.66/1.24	0.72/1.37	0.76/1.43	0.59/1.12	0.68/1.25	0.24/0.45	0.21/0.43	0.18/0.36	0.07/0.16	0.06/0.13	0.18/0.33
2.2	2	2.3	2.4	2	2.3	0.20	0.20	0.17	0.25	0.23	0.15
6.5	6.3	6.6	6.7	6.3	7.8	0.85	0.85	0.72	0.50	0.47	0.35
220	220	220	220	220	225	165	175	175	225	225	—
—	—	—	—	—	—	—	—	—	—	—	150
0.29	0.28	0.29	0.30	0.29	0.29	0.31	0.31	0.31	0.29	0.29	0.21
80X10 ⁻⁶	80X10 ⁻⁶	80X10 ⁻⁶	80X10 ⁻⁶	80X10 ⁻⁶	80X10 ⁻⁶	110X10 ⁻⁶	95X10 ⁻⁶	105X10 ⁻⁶	65X10 ⁻⁶	65X10 ⁻⁶	65X10 ⁻⁶
90X10 ⁻⁶	90X10 ⁻⁶	90X10 ⁻⁶	90X10 ⁻⁶	90X10 ⁻⁶	90X10 ⁻⁶	125X10 ⁻⁶	110X10 ⁻⁶	125X10 ⁻⁶	80X10 ⁻⁶	85X10 ⁻⁶	65X10 ⁻⁶
80	75	80	80	75	85	105	115	105	75	75	130
180	165	170	170	165	180	140	150	150	160	160	135
120/105	105/90	105/90	105/90	105/90	95/80	115/100	105/90	105/90	115/100	115/100	125/115
-30	-20	-30	-30	-30	-20	-50	-50	-20	-20	-20	-60
25	—	25	25	—	26	15	15	—	25	25	25
HB/HB	HB/HB	HB/HB	HB/HB	HB/HB	HB/HB	HB/HB	HB/HB	HB/HB	HB/HB	HB/HB	HB/HB
83/-	70/-	81/-	78/-	76/-	92/-	68/-	78/-	-/55	90/-	-/76	70/-
55/-	45/-	50/-	50/-	50/-	55/-	68/-	78/-	-/55	90/-	-/76	70/-
25	25	35	25	25	20	35	35	10	15	7	>50
>50	>50	>50	>50	>50	>50	35	35	10	15	7	>50
3400	3000	3200	3300	3100	3500	3100	3600	3200	3700	3450	2400
1650	1450	1550	1600	1500	1675	3100	3600	3200	3700	3450	2400
26/51/92	22/43/79	24/47/88	25/49/88	23/44/81	25/49/92	19/35/67	22/40/75	20/37/69	26/51/103	24/47/95	18/35/75
22	18	21	21	18	21	13	15	13	26	23	17
10	8	9	9	8	9	13	15	13	26	23	17
no break	≥50	no break	no break	≥100	no break	≥200	≥150	≥30	≥50	≥30	no break
35	4	3.5	3.5	4	4	7	10	3	2	2.5	9
165	145	160	160	150	165	140	160	140	170	160	120
M87	M82	M85	M84	M81	M88	M84	M88	M84	M96	M94	M75
29	22	25	24	25	26	20	20	20	22	21	28
19	14	17	16	17	16	20	>10	20	22	21	28
>10 ¹⁴	>10 ¹⁴	>10 ¹⁴	>10 ¹⁴	>10 ¹⁴	>10 ¹⁴	>10 ¹⁴	>10 ¹⁴	>10 ¹⁴	>10 ¹⁵	>10 ¹⁵	>10 ¹⁵
>10 ¹²	>10 ¹²	>10 ¹²	>10 ¹²	>10 ¹²	>10 ¹²	>10 ¹⁴	>10 ¹⁴	>10 ¹⁴	>10 ¹⁵	>10 ¹⁵	>10 ¹⁵
>10 ¹³	>10 ¹³	>10 ¹³	>10 ¹³	>10 ¹³	>10 ¹³	>10 ¹³	>10 ¹³	>10 ¹³	>10 ¹⁴	>10 ¹⁴	>10 ¹⁵
>10 ¹²	>10 ¹²	>10 ¹²	>10 ¹²	>10 ¹²	>10 ¹²	>10 ¹³	>10 ¹³	>10 ¹³	>10 ¹⁴	>10 ¹⁴	>10 ¹⁵
3.6	3.5	3.6	3.6	3.6	3.8	3.8	3.8	3.6	3.4	3.4	3
6.6	6.5	6.6	6.6	6.6	7.4	3.8	3.8	3.6	3.4	3.4	3
3.2	3.1	3.2	3.2	3.2	3.3	3.8	3.8	3.6	3.2	3.2	3
3.7	3.6	3.7	3.7	3.7	3.8	3.8	3.8	3.6	3.2	3.2	3
0.015	0.015	0.012	0.012	0.012	0.013	0.003	0.003	0.003	0.001	0.001	0.001
0.15	0.15	0.14	0.14	0.14	0.13	0.003	0.003	0.003	0.001	0.001	0.001
0.017	0.016	0.016	0.016	0.016	0.020	0.008	0.008	0.008	0.014	0.014	0.008
0.05	0.05	0.05	0.05	0.05	0.06	0.008	0.008	0.008	0.014	0.014	0.008
600	600	600	600	600	600	600	600	600	600	600	350(225)
600	600	600	600	600	600	600	600	600	600	600	350(225)

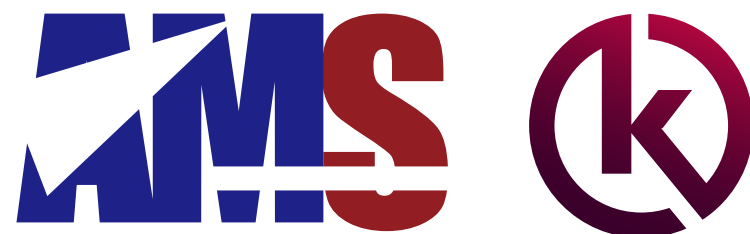
Physical performance indicators of advanced engineering plastics products

Performance	Test method	Unit	Polybenzi- midazole PBI	Polyamide- imide PAI	Polyamide- imide PAI+PTFE	Polyamide-imide PAI+30% glass fiber	Polyethere- therketone PEEK	Polyethere- therketone PEEK-HPV
Color	—	—	Black	Natural color Yellow brown	Black	Black	Natural color Brown grey Black	Black
Density	1183	g/cm³	1.41	1.45	1.61	1.45	1.31	1.45
Water imbibition:								
Immersing in 23℃ water for 24 hours / 96 hours	62	%	0.50/1.06	0.29/-	0.21/-	0.18/-	0.06/0.12	0.05/0.11
In the 23℃ / 50% RH air	—	%	—	2.5	1.9	1.7	0.20	0.14
Soaking in 23℃ water	—	%	14	4.5	3.5	3.0	0.45	0.30
Thermal performance								
Melting point	—	℃	NA	NA	NA	NA	340	340
Vitrification temperature	—	℃	425	285	285	285	—	—
Thermal conductivity at 23℃	—	W/(k.m)	0.40	0.26	0.54	0.36	0.25	0.24
Coefficient of linear thermal expansion:								
The average between 23-100℃	—	m/(m.k)	25X10 ⁻⁶	30X10 ⁻⁶	25X10 ⁻⁶	25X10 ⁻⁶	50X10 ⁻⁶	30X10 ⁻⁶
The average between 23-150℃	—	m/(m.k)	25X10 ⁻⁶	30X10 ⁻⁶	25X10 ⁻⁶	25X10 ⁻⁶	50X10 ⁻⁶	30X10 ⁻⁶
Averagr above 150℃	—	m/(m.k)	25X10 ⁻⁶	30X10 ⁻⁶	25X10 ⁻⁶	25X10 ⁻⁶	110X10 ⁻⁶	65X10 ⁻⁶
hermal deformation temperature:								
Method A: 18Mpa	75	℃	425	280	280	280	160	195
Allowable operating temperature in the air:								
Short time	—	℃	500	270	270	270	310	310
Continuous work: at least 20000	—	℃	310	250	250	250	250	250
Flammability:								
“Oxygen index”	4589	%	58	45	44	50	35	43
According to the UL 94 (thickness in 3/6)	—	—	V-0/V-0	V-0/V-0	V-0/V-0	V-0/V-0	V-0/V-0	V-0/V-0
Mechanical performance in 23℃								
Stress test:								
Bending tensile stress/Broken tensile stress	527	Mpa	-/160	120/-	-/80	-/95	110/-	-/75
Breaking tensile strain	527	%	3	10	5	3	20	5
Modulus of elasticity for tension	527	Mpa	5800	4500	5800	6000	4400	5900
Compression test:								
1% normal strain compression capability	604	Mpa	42	27	31	—	29	34
2% normal strain compression capability	604	Mpa	82	53	58	—	57	67
Pendulum impact test----Unnotched	179/1eu	Kj/m²	—	no break	—	—	no break	25
Pendulum impact test----Notched	179/1eA	Kj/m²	3.5	10	4	3.5	3.5	2.5
Ball indentation hardness	2039-1	N/mm²	375	200	200	—	230	215
Rockwell hardness	2039-2	—	E104	E79	M105	M77	M105	M85
Electrical performance at 23℃								
Dielectric strength	(243)	Kv/mm	22	24	—	28	24	—
Volume resistance	(93)	Ohm.cm	10 ¹⁴	10 ¹⁷	10 ¹⁵	10 ¹⁷	10 ¹⁶	—
Surface resistance	(93)	Ohm	>10 ¹²	10 ¹⁸	10 ¹⁷	10 ¹⁸	10 ¹⁶	—
Relative dielectric constant -100M HZ	(250)	—	3.3	4.2	6.0	4.4	3.2	—
-1M HZ	(250)	—	3.3	3.9	5.4	6.5	3.2	—
Dielectric demand constant -100M HZ	(250)	—	0.001	0.026	0.037	0.022	0.001	—
-1M HZ	(250)	—	—	—	0.042	0.050	0.002	—
Comparative tracking index (CTI)	(112)	—	—	—	—	—	—	—

Note: 1g/cm³ =1000kg/m³ ,1MPa=1N/mm,1KV/mm=1MV/m
Machining tensile test piece is manufactured in accordance with ASTM D 1708 and tested with ASTM D 638.

Polyethere- therketone PEEK-GF30	Polyethere- therketone PEEK-CA30	Polyphenylene sulfide PPS	Polyethylene sulfone PPSU	Polyetheri- mide PEI	Polysulfone PSU	Polyvinylidene Fluoride PVDF	Reinforced polytetrafluoro- ethylene PTFE	Reinforced polytetrafluoro- ethylene PTFE	Anti- electrostatic POM ESD	Anti- electrostatic PEI ESD	Anti- electrostatic PTFE ESD
Natural color Brown grey	Black	Dark blue	Black	Natural color Dark yellow and translucent	Natural color Dark yellow and translucent	Natural color White	Ivory white	White	Buff	Black	White
1.51	1.41	1.43	1.29	1.27	1.24	1.79	2.32	2.30	1.33	1.41	2.30
—	—	0.01/0.03	0.35/0.72	0.26/0.54	0.32/0.61	0.01/0.03	0.10/-	0.03/-	5/9	—	0.03/-
0.14	0.14	0.03	0.60	0.75	0.40	0.05	—	—	0.8	0.75	—
0.30	0.30	0.09	1.20	1.35	0.85	0.05	3.0	2.0	10	1.35	2.0
340	340	280	—	—	—	175	327	327	165	—	327
—	—	—	220	215	190	—	—	—	—	215	—
0.43	0.92	0.30	0.35	0.22	0.26	0.19	0.77	—	—	—	—
30X10 ⁻⁶	25X10 ⁻⁶	50X10 ⁻⁶	55X10 ⁻⁶	45X10 ⁻⁶	60X10 ⁻⁶	130X10 ⁻⁶	45X10 ⁻⁶	100X10 ⁻⁶	150X10 ⁻⁶	35X10 ⁻⁶	100X10 ⁻⁶
30X10 ⁻⁶	25X10 ⁻⁶	60X10 ⁻⁶	55X10 ⁻⁶	45X10 ⁻⁶	60X10 ⁻⁶	145X10 ⁻⁶	45X10 ⁻⁶	100X10 ⁻⁶	—	35X10 ⁻⁶	100X10 ⁻⁶
65X10 ⁻⁶	55X10 ⁻⁶	80X10 ⁻⁶	55X10 ⁻⁶	45X10 ⁻⁶	—	—	60X10 ⁻⁶	140X10 ⁻⁶	—	35X10 ⁻⁶	140X10 ⁻⁶
230	230	115	200	190	170	105	130	100	—	210	100
310	320	260	210	200	180	160	280	280	140	200	280
250	250	220	180	170	150	150	260	260	90	170	260
40	40	47	44	47	30	44	—	—	<20	47	—
V-0/V-0	V-0/V-0	V-0/V-0	V-0/V-0	V-0/V-0	HB/HB	V-0/V-0	V-0/V-0	V-0/V-0	-/HB	V-0/V-0	V-0/V-0
-/90	-/130	-/75	76/-	105/-	80/-	50/-	-/8	-/10	-/38	-/62	-/10
5	5	5	30	10	10	>20	10	50	15	5	50
6300	7700	3700	2500	3400	2700	2300	2200	1800	1500	6400	1800
41	49	28	18	25	20	17	—	—	11	—	—
81	97	55	35	49	39	32	—	—	20	—	—
35	35	25	no break	no break	no break	no break	no break	no break	no break	—	no break
4	4	3.5	10	3.5	4	10	10	3	2	2.5	9
270	325	180	—	170	155	110	160	140	170	160	120
M99	M102	M84	M80	M114	M91	M75	M88	M84	M96	M94	M75
24	—	24	—	27	30	18	11	8	—	—	—
10 ¹⁵	10 ¹⁵	10 ¹⁵	10 ¹⁵	10 ¹⁸	10 ¹⁷	10 ¹⁵	>10 ¹²	>10 ¹²	10 ¹⁰ -10 ¹²	10 ⁴ -10 ⁶	10 ¹⁰ -10 ¹²
10 ¹⁵	—	10 ¹⁵	10 ¹⁵	10 ¹⁷	10 ¹⁷	10 ¹⁶	>10 ¹²	>10 ¹²	10 ¹⁰ -10 ¹²	10 ⁴ -10 ⁶	10 ¹⁰ -10 ¹²
3.2	—	3.3	3.4	3.0	3.0	7.4	—	—	—	—	—
3.6	—	3.3	3.5	3.0	3.0	6.0	2.65	2.65	—	—	—
0.001	—	0.003	0.001	0.002	0.001	0.025	—	—	—	—	—
0.002	—	0.003	0.005	0.002	0.003	0.165	0.008	0.008	—	—	—
175	—	100	—	175	150	600	—	—	—	—	—

AMS-KSEIndonesia Corp



PT. APINDO MITRA SELARAS

Serang Office :

Komp. Lebak Indah Griya Asri
Blok D4-D5 No.17 & No.05
Waringin Kuring - Kramatwatu
Serang, Banten
42161

Cilegon Office :

Jl. Raya Pondok Cilegon Indah
Ruko Cilegon City Square Blok I No.7
Kedaleman - Cibeber
Cilegon, Banten
42422

Workshop :

Jl. Sultan Syahrir Kubang Sepat
Citangkil No. 105
Cilegon, Banten
42441

aris@kseindonesia.com - sales@kseindonesia.com - cso@kseindonesia.com

www.kseindonesia.com