



# STEEL CHAINS WITH RUBBER TOP

The stainless steel slabband chain with rubber top is used for inclined and declined conveying of crates in heavy duty, abrasive conditions. The material used for these chains is 60-series Star, MCC's top of the range.



HEAVY DUTY CRATE CONVEYOR WITH STAINLESS STEEL CHAIN WITH RUBBER TOP.

## BENEFITS

- Softline bevelling**  
Quality finish in every detail.
- Long life vulcanized rubber top**  
The material of the rubber guarantees a long wearlife.
- Excellent bonding of rubber top**  
The special treatment guarantees super bonding.
- Inclines up to 20 degrees**  
Adequate for most incline applications. The actual angle that can be used depends on product and circumstances. In case of doubts, please ask our Technical Support department.

## PROGRAMME

- Straight run**  
In 3<sup>1</sup>/<sub>4</sub>" and 7<sup>1</sup>/<sub>2</sub>" versions.
- Magnetflex®**  
These sideflexing chains have no tabs.

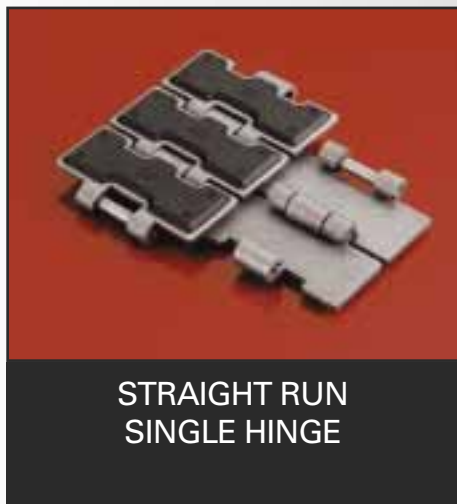


CRATES ON INCLINING DOUBLE HINGE CHAIN WITH RUBBER TOP.

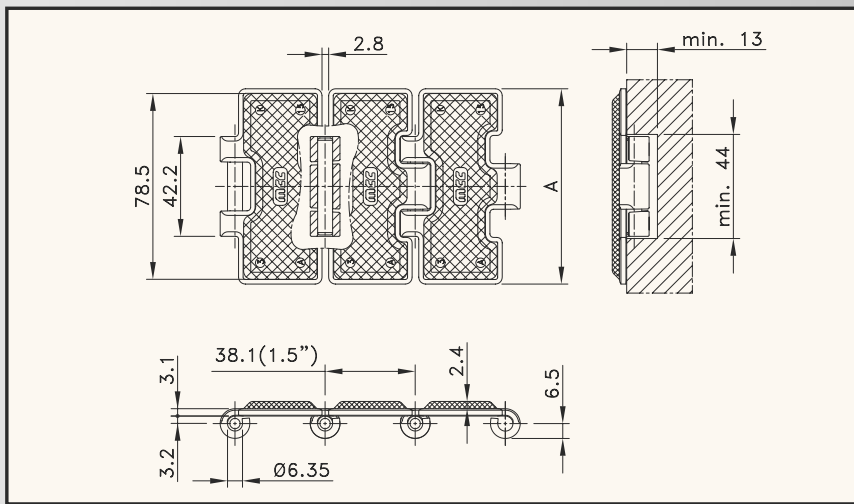
## AND . . .

The 7<sup>1</sup>/<sub>2</sub>" heavy duty stainless steel chains are also available with a rubber top, ideal for further standardisation in your conveyor construction.

# STEEL SLATBAND CHAINS WITH RUBBER TOP

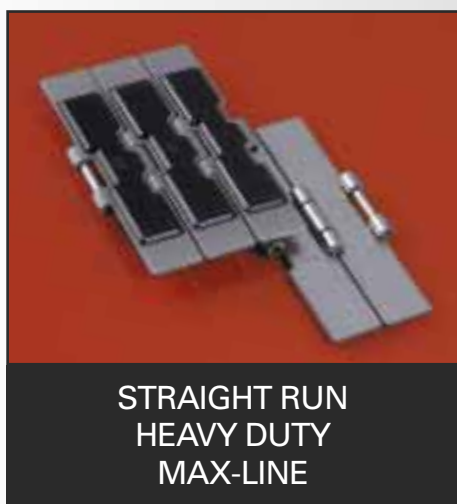


**STRAIGHT RUN  
SINGLE HINGE**

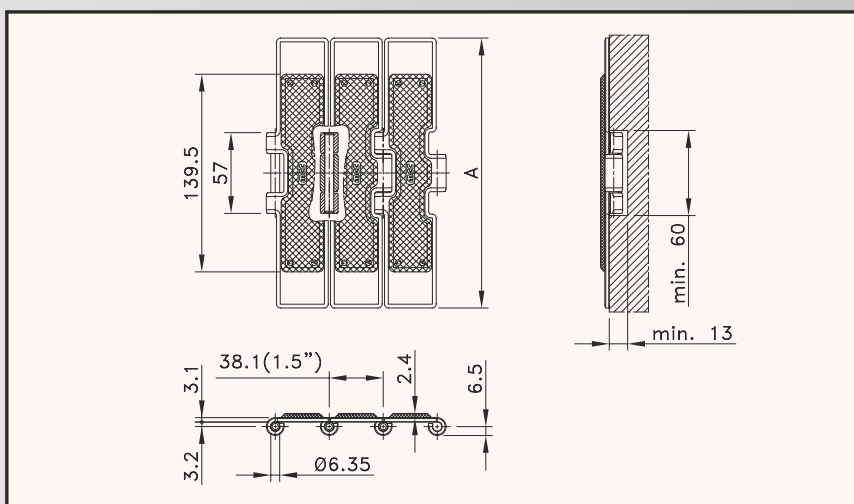


Quality	Chain type	Code nr.	Plate width		Working load (max.) N	Backflex radius (min.) mm	Surface finish (max.) µm	Flatness (max.) mm	Gap mm	Weight kg/m
			A mm	A inch						
<b>60-SERIES</b>										
STANDARD	60 S 31 R	762.54.31	82.5	3.25	6000	75	0.50	+/- 0.12	2.8	2.55

Standard length: 3.048 m - 10 feet (80 links)



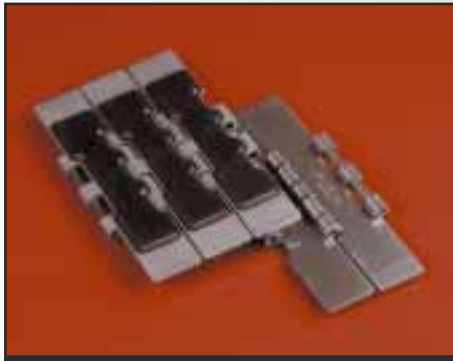
**STRAIGHT RUN  
HEAVY DUTY  
MAX-LINE**



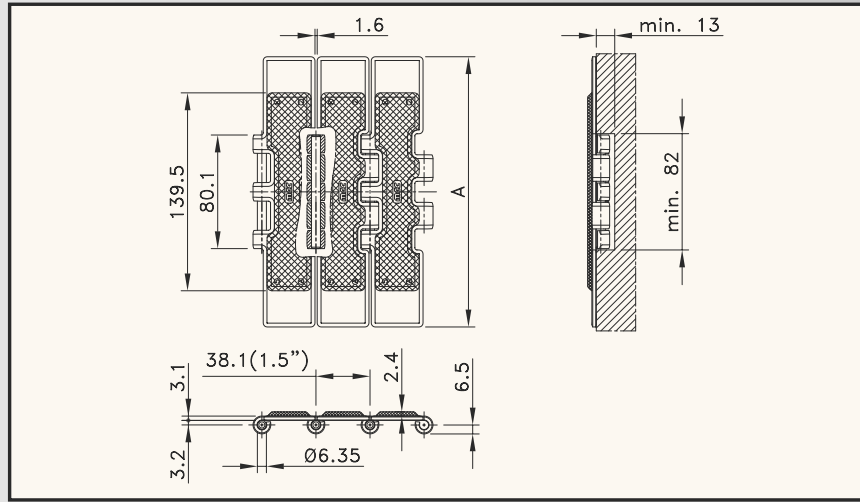
Quality	Chain type	Code nr.	Plate width		Working load (max.) N	Backflex radius (min.) mm	Surface finish (max.) µm	Flatness (max.) mm	Gap mm	Weight kg/m
			A mm	A inch						
<b>60-SERIES MAX-LINE</b>										
STANDARD	60 S 75 RM	762.54.75	190.5	7.50	7000	150	0.50	+/- 0.35	1.6	5.21

Standard length: 3.048 m - 10 feet (80 links)

# STEEL SLATBAND CHAINS WITH RUBBER TOP



**STRAIGHT RUN  
DOUBLE HINGE  
MAX-LINE**



Quality	Chain type	Code nr.	Plate width		Working load (max.) N	Backflex radius (min.) mm	Surface finish (max.) μm	Flatness (max.) mm	Gap mm	Weight kg/m
			A mm	inch						
<b>60-SERIES MAX-LINE</b>										
STANDARD	60 S 77 RM	762.56.77	190.5	7.50	9500	150	0.50	+/- 0.35	1.6	5.64

Standard length: 3.048 m - 10 feet (80 links)

The classic sprocket is different for chains and belts. For chains MCC has the modu-system, which consists of interchangeable sprocket rings and hub sets; for belts the sprockets are one-piece.



CLASSIC MODU-SPROCKET FOR STEEL SINGLE HINGE AND MAGNETFLEX® CHAINS.

## BENEFITS

- Longer wearlife**  
The materials used are super tough polyamide for the sprockets and idlers and low friction polyacetal for the hub sets.
- Low noise**  
Plastic sprockets and idlers create less noise than steel.
- Corrosion resistant**  
Resistant to most chemicals commonly used for lubrication and cleaning.
- No further machining costs**  
All moulded sprockets and idlers have ready-to-use bores.
- Optimum chain and belt engagement**  
Design and test facilities ensure exact fit.

## PROGRAMME

- Modu-sprockets for chains**  
Sprocket ring and hub set with keyway, round bore.
- Idler drums for chains**  
One-piece, strong and economical, round bore. Or with interchangeable centre spacers, made to fit any hinge width or configuration.
- Modu-idlers for chains**  
Sprocket ring and hub set without keyway, round bore.
- Sprockets for belts**  
One-piece, strong and economical, round and square bore.



HUB SET AND SPROCKET RING MAKE A MODU-SPROCKET.

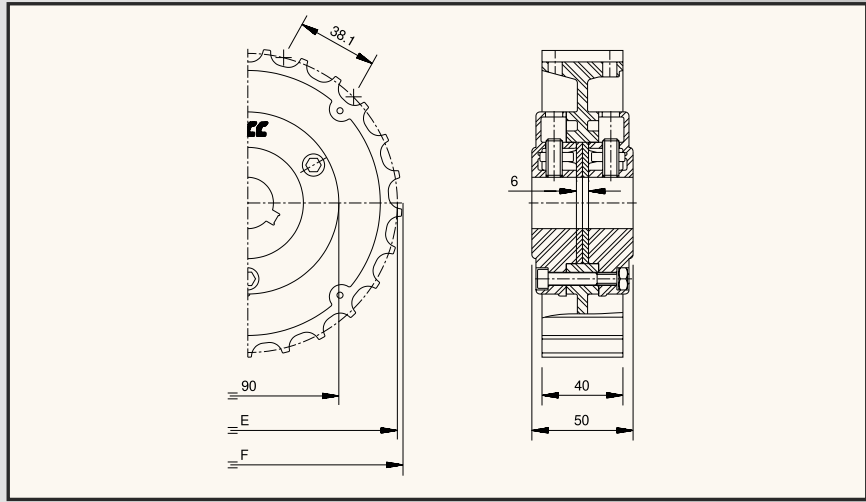
## AND . . .

For minimum stock holding, the modu system is ideal, because most sprocket rings and hub sets can be used in different combinations.

# CLASSIC SPROCKETS AND IDLERS



**MODU-SYSTEM  
FOR STEEL SINGLE HINGE  
AND MAGNETFLEX® CHAINS**



**MATERIAL**  
page 159

**3, 6, 9, 11**

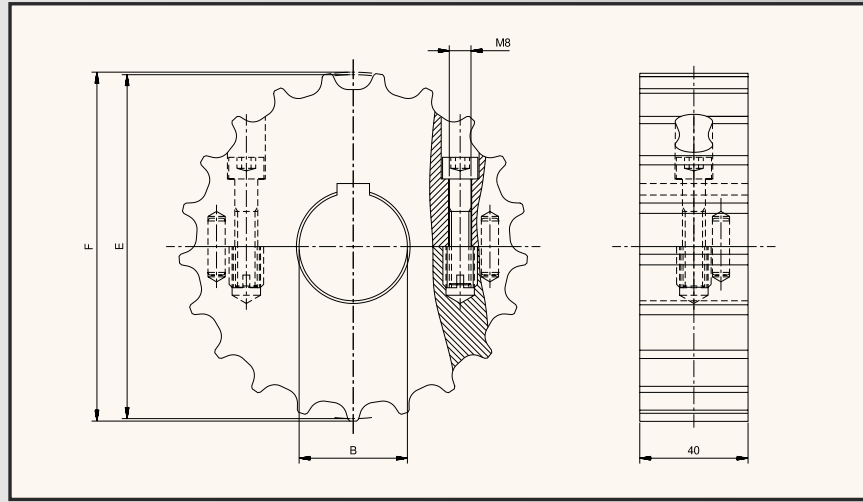
Sprocket type	Code nr.	Nr. of teeth	Bore		Pitch diameter E	Outside diameter F	Hub width A	Weight ≈ kg
			mm	inch				
<b>SPROCKET RINGS</b>								
MR SSHMF 19	753.73.22	19	–	–	117.3	117	–	0.15
MR SSHMF 21	753.73.32	21	–	–	129.3	129	–	0.19
MR SSHMF 23	753.73.42	23	–	–	141.2	141	–	0.22
MR SSHMF 25	753.73.52	25	–	–	153.2	153	–	0.23
MR SSHMF 27	753.73.62	27	–	–	165.2	166	–	0.26
<b>HUB SETS WITH KEYWAY</b>								
MHS OH 25	753.80.01	–	25	–	–	–	50	0.37
MHS OH 30	753.80.02	–	30	–	–	–	50	0.35
MHS OH 35	753.80.03	–	35	–	–	–	50	0.33
MHS OH 40	753.80.04	–	40	–	–	–	50	0.26
<b>HUB SETS WITHOUT KEYWAY</b>								
MHI OH 25	753.80.26	–	25	–	–	–	50	0.23
MHI OH 30	753.80.27	–	30	–	–	–	50	0.22
MHI OH 35	753.80.28	–	35	–	–	–	50	0.22
MHI OH 40	753.80.29	–	40	–	–	–	50	0.22

All combinations of sprocket rings and hub sets within the table are possible.

Create your modu-sprocket from a sprocket ring and a hub set with keyway. Take a hub set without keyway with a sprocket ring for your modu-idler.

Also idler drums can be used. Please refer to the table on next page.

# SPLIT SPROCKETS AND IDLERS



**MATERIAL**  
page 159

**3, 6, 9, 11**

Sprocket type	Code nr.	Nr. of teeth	Bore		Pitch diameter E	Outside diameter F	Hub width A	Weight ≈ kg
			B					
			mm	inch	mm	mm		
<b>SPLIT SPROCKETS (METRIC BORES AND KEYWAYS)</b>								
SS SSHMF 17-25	753.62.11	17	25	–	105.5	105.0	40	0.35
SS SSHMF 17-30	753.62.21	17	30	–	105.5	105.0	40	0.35
SS SSHMF 17-35	753.62.31	17	35	–	105.5	105.0	40	0.35
SS SSHMF 17-40	753.62.41	17	40	–	105.5	105.0	40	0.35
SS SSHMF 19-25	753.62.12	19	25	–	117.3	117.0	40	0.45
SS SSHMF 19-30	753.62.22	19	30	–	117.3	117.0	40	0.45
SS SSHMF 19-35	753.62.32	19	35	–	117.3	117.0	40	0.45
SS SSHMF 19-40	753.62.42	19	40	–	117.3	117.0	40	0.45
SS SSHMF 19-50	753.62.62	19	50	–	117.3	117.0	40	0.45
SS SSHMF 21-25	753.62.13	21	25	–	129.3	128.9	40	0.50
SS SSHMF 21-30	753.62.23	21	30	–	129.3	128.9	40	0.50
SS SSHMF 21-35	753.62.33	21	35	–	129.3	128.9	40	0.50
SS SSHMF 21-40	753.62.43	21	40	–	129.3	128.9	40	0.50
SS SSHMF 21-50	753.62.63	21	50	–	129.3	128.9	40	0.50
SS SSHMF 23-25	753.62.14	23	25	–	141.2	142.0	40	0.60
SS SSHMF 23-30	753.62.24	23	30	–	141.2	142.0	40	0.60
SS SSHMF 23-35	753.62.34	23	35	–	141.2	142.0	40	0.60
SS SSHMF 23-40	753.62.44	23	40	–	141.2	142.0	40	0.60
SS SSHMF 23-50	753.62.64	23	50	–	141.2	142.0	40	0.60
SS SSHMF 25-25	753.62.15	25	25	–	153.2	153.8	40	0.65
SS SSHMF 25-30	753.62.25	25	30	–	153.2	153.8	40	0.65
SS SSHMF 25-35	753.62.35	25	35	–	153.2	153.8	40	0.65
SS SSHMF 25-40	753.62.45	25	40	–	153.2	153.8	40	0.65
SS SSHMF 25-50	753.62.65	25	50	–	153.2	153.8	40	0.65
SS SSHMF 27-25	753.62.16	27	25	–	165.2	166.1	40	0.75
SS SSHMF 27-30	753.62.26	27	30	–	165.2	166.1	40	0.75
SS SSHMF 27-35	753.62.36	27	35	–	165.2	166.1	40	0.75
SS SSHMF 27-40	753.62.46	27	40	–	165.2	166.1	40	0.75
SS SSHMF 27-50	753.62.66	27	50	–	165.2	166.1	40	0.75
<b>SPLIT SPROCKETS (INCH BORES AND KEYWAYS)</b>								
SS SSHMF 21-1	753.66.12	21	–	1.000	129.3	128.9	40	0.50
SS SSHMF 21-1 <sup>3</sup> / <sub>16</sub>	753.66.22	21	–	1.188	129.3	128.9	40	0.50
SS SSHMF 21-1 <sup>1</sup> / <sub>4</sub>	753.66.32	21	–	1.250	129.3	128.9	40	0.50
SS SSHMF 21-1 <sup>7</sup> / <sub>16</sub>	753.66.42	21	–	1.438	129.3	128.9	40	0.50
SS SSHMF 21-1 <sup>1</sup> / <sub>2</sub>	753.66.52	21	–	1.500	129.3	128.9	40	0.50
SS SSHMF 25-1	753.66.15	25	–	1.000	153.2	153.8	40	0.65
SS SSHMF 25-1 <sup>3</sup> / <sub>16</sub>	753.66.25	25	–	1.188	153.2	153.8	40	0.65
SS SSHMF 25-1 <sup>1</sup> / <sub>4</sub>	753.66.35	25	–	1.250	153.2	153.8	40	0.65
SS SSHMF 25-1 <sup>7</sup> / <sub>16</sub>	753.66.45	25	–	1.438	153.2	153.8	40	0.65
SS SSHMF 25-1 <sup>1</sup> / <sub>2</sub>	753.66.55	25	–	1.500	153.2	153.8	40	0.65

# SPLIT SPROCKETS AND IDLERS

## IDLERS FOR STEEL SINGLE HINGE AND MAGNETFLEX® CHAINS

Sprocket type	Code nr.	Nr. of teeth	Bore		Pitch diameter E	Outside diameter F	Hub width A	Weight ≈ kg
			B					
			mm	inch				
<b>SPLIT IDLERS (METRIC BORES WITHOUT KEYWAYS)</b>								
SI SSHMF 17-25	753.61.11	17	25	–	105.5	105.0	40	0.35
SI SSHMF 17-30	753.61.21	17	30	–	105.5	105.0	40	0.35
SI SSHMF 17-35	753.61.31	17	35	–	105.5	105.0	40	0.35
SI SSHMF 17-40	753.61.41	17	40	–	105.5	105.0	40	0.35
SI SSHMF 19-25	753.61.12	19	25	–	117.3	117.0	40	0.45
SI SSHMF 19-30	753.61.22	19	30	–	117.3	117.0	40	0.45
SI SSHMF 19-35	753.61.32	19	35	–	117.3	117.0	40	0.45
SI SSHMF 19-40	753.61.42	19	40	–	117.3	117.0	40	0.45
SI SSHMF 19-50	753.61.62	19	50	–	117.3	117.0	40	0.45
SI SSHMF 21-25	753.61.13	21	25	–	129.3	128.9	40	0.50
SI SSHMF 21-30	753.61.23	21	30	–	129.3	128.9	40	0.50
SI SSHMF 21-35	753.61.33	21	35	–	129.3	128.9	40	0.50
SI SSHMF 21-40	753.61.43	21	40	–	129.3	128.9	40	0.50
SI SSHMF 21-50	753.61.63	21	50	–	129.3	128.9	40	0.50
SI SSHMF 23-25	753.61.14	23	25	–	141.2	142.0	40	0.60
SI SSHMF 23-30	753.61.24	23	30	–	141.2	142.0	40	0.60
SI SSHMF 23-35	753.61.34	23	35	–	141.2	142.0	40	0.60
SI SSHMF 23-40	753.61.44	23	40	–	141.2	142.0	40	0.60
SI SSHMF 23-50	753.61.64	23	50	–	141.2	142.0	40	0.60
SI SSHMF 25-25	753.61.15	25	25	–	153.2	153.8	40	0.65
SI SSHMF 25-30	753.61.25	25	30	–	153.2	153.8	40	0.65
SI SSHMF 25-35	753.61.35	25	35	–	153.2	153.8	40	0.65
SI SSHMF 25-40	753.61.45	25	40	–	153.2	153.8	40	0.65
SI SSHMF 25-50	753.61.65	25	50	–	153.2	153.8	40	0.65
SI SSHMF 27-25	753.61.16	27	25	–	165.2	166.1	40	0.75
SI SSHMF 27-30	753.61.26	27	30	–	165.2	166.1	40	0.75
SI SSHMF 27-35	753.61.36	27	35	–	165.2	166.1	40	0.75
SI SSHMF 27-40	753.61.46	27	40	–	165.2	166.1	40	0.75
SI SSHMF 27-50	753.61.66	27	50	–	165.2	166.1	40	0.75
<b>SPLIT IDLERS (INCH BORES WITHOUT KEYWAYS)</b>								
SI SSHMF 21-1	753.65.12	21	–	1.000	129.3	128.9	40	0.50
SI SSHMF 21-1 <sup>3</sup> / <sub>16</sub>	753.65.22	21	–	1.188	129.3	128.9	40	0.50
SI SSHMF 21-1 <sup>1</sup> / <sub>4</sub>	753.65.32	21	–	1.250	129.3	128.9	40	0.50
SI SSHMF 21-1 <sup>7</sup> / <sub>16</sub>	753.65.42	21	–	1.438	129.3	128.9	40	0.50
SI SSHMF 21-1 <sup>1</sup> / <sub>2</sub>	753.65.52	21	–	1.500	129.3	128.9	40	0.50
SI SSHMF 25-1	753.65.15	25	–	1.000	153.2	153.8	40	0.65
SI SSHMF 25-1 <sup>3</sup> / <sub>16</sub>	753.65.25	25	–	1.188	153.2	153.8	40	0.65
SI SSHMF 25-1 <sup>1</sup> / <sub>4</sub>	753.65.35	25	–	1.250	153.2	153.8	40	0.65
SI SSHMF 25-1 <sup>7</sup> / <sub>16</sub>	753.65.45	25	–	1.438	153.2	153.8	40	0.65
SI SSHMF 25-1 <sup>1</sup> / <sub>2</sub>	753.65.55	25	–	1.500	153.2	153.8	40	0.65

Also idler drums can be used. Please refer to the table on next page.