

THERMO FORMING CHAINS

FILM GRIPPER • GRIP • STICKER CHAINS

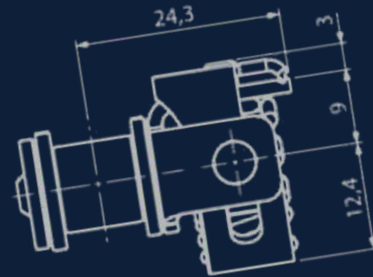
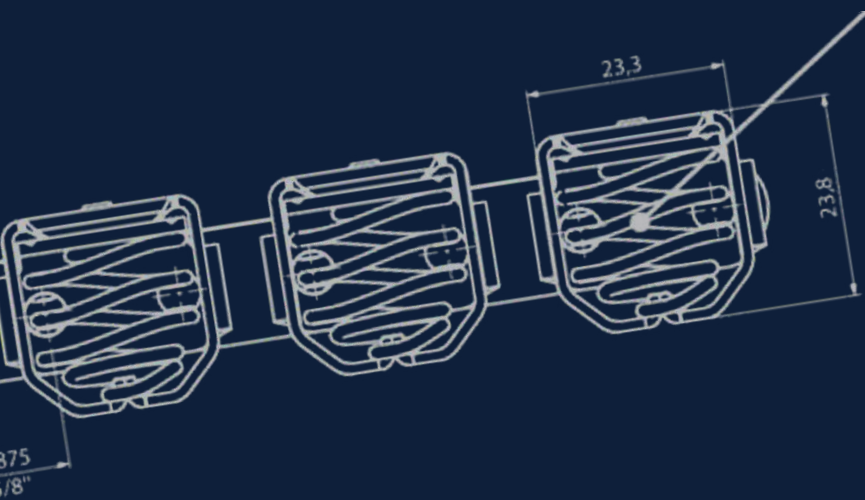
FILM GRIPPER

GRIP CHAINS

STICKER CHAINS

TFK / TF / TFO

CAM SPROCKETS



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FILM GRIPPER CHAINS

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GRIPPER CHAINS

FILM GRIPPER - OVERVIEW

CLAMP FEATURES, MATERIALS & PRODUCT FEATURES

GRIPPER CHAINS - SERIES COMPARISON

SERIES	CLAMP DESIGN	CLAMP FEATURES				BASE CHAIN MATERIAL	CORROSION RESISTANCE	WEAR RESISTANCE
		FILM RETENTION	SPRING FORCE	CLAMP MATERIAL	SPRING MATERIAL			
TFK	K Style Clamp	Very High	55 N	SS	SS	S+NC	Good	Excellent
TFK	K Style Clamp	Very High	55 N	SS	SS	SS	Excellent	Good
TF	Standard Clamp	High	85 N	SS	SS	S+NC	Good	Excellent
TF	Standard Clamp	High	85 N	SS	SS	SS	Excellent	Good
TFO	Horizontal Clamp	Average	60 N (30X2)	SS	SS	S+NC	Good	Excellent
TFO	Horizontal Clamp	Average	60 N (30X2)	SS	SS	SS	Excellent	Good



TFK - K STYLE CLAMP



TF - STANDARD CLAMP



TFO - HORIZONTAL CLAMP

MATERIALS

TYPE	DESCRIPTION	FEATURES
S+NC	Carbon Steel + Nickel Plated	Through hardened carbon steel and electroless nickel plating for good corrosion resistance. Excellent strength and wear resistance.
SS	Austenitic Stainless Steel	Cr-Ni austenitic stainless steel. AISI 302-304 (Wn 1.4301). Excellent corrosion resistance.

PRODUCT FEATURES

- › All chains are available in nickel plated or stainless steel construction, for outstanding corrosion resistance.
- › Improved clamp design for increased film retention and smooth operation.
- › Supplied in pre-stretched and matched strands for trouble free machine set-up.
- › Special lubrication applied at factory, FDA H1 approved grease, for higher wear and corrosion resistance.



GRIPPER CHAIN CLAMPS

GRIPPER CHAINS

K STYLE CLAMP - TFK SERIES

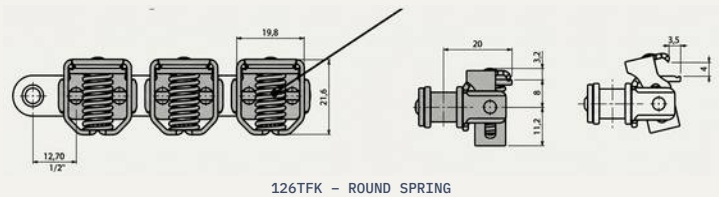
126TFK · 136TFK · 136TFKQ

K STYLE CLAMP “TFK SERIES”

The K style clamp allows a vertical movement combined with side rotation (kick-back) to ensure easy film engagement and scrap release.

126TFK

ISO 08B-1 : Pitch 1/2" – 12,70 mm. Round Spring.



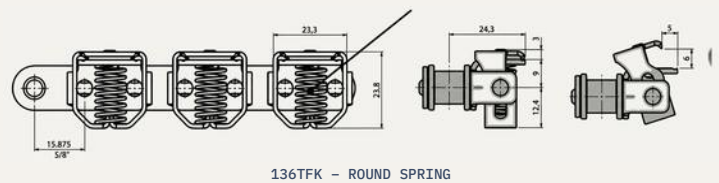
126TFK – ROUND SPRING



126TFK

136TFK

ISO 10B-1 : Pitch 5/8" – 15,875 mm. Round Spring.



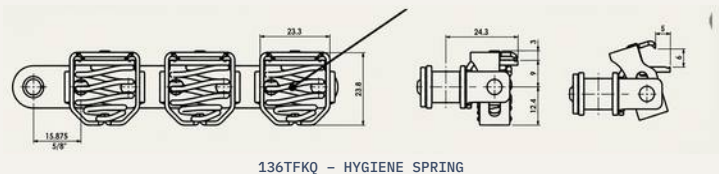
136TFK – ROUND SPRING



136TFK

136TFKQ (NEW)

10B-1 : Pitch 5/8" – 15,875 mm. Hygiene Spring.



136TFKQ – HYGIENE SPRING



136TFKQ

TFK SERIES - SPECIFICATIONS												
REGINA REF.	BASE CHAIN MATERIAL	CLAMP MATERIAL	SPRING MATERIAL		CHAIN PITCH P		ROLLER DIAMETER DR		INSIDE WIDTH W			CLAMPING FORCE
					MM	INCHES	MM	INCHES	MM	INCHES		
126TFK	S+NC	SS	ROUND	SS	12,70	1/2	8,51	,335	7,75	,305	50	
SS126TFK	SS	SS	ROUND	SS	12,70	1/2	8,51	,335	7,75	,305	50	
136TFK	S+NC	SS	ROUND	SS	15,875	5/8	10,16	,400	9,65	,380	55	
SS136TFK	SS	SS	ROUND	SS	15,875	5/8	10,16	,400	9,65	,380	55	
136TFKQ (NEW)	S+NC	SS	HYGIENE	SS	15,875	5/8	10,16	,400	9,65	,380	55	
SS136TFKQ (NEW)	SS	SS	HYGIENE	SS	15,875	5/8	10,16	,400	9,65	,380	55	

Clamping force in N. Spring material column shows spring type (Round / Hygiene) and material.

GRIPPER CHAINS

STANDARD CLAMP - TF SERIES - HORIZONTAL CLAMP - TFO SERIES

126TF · 126TFO

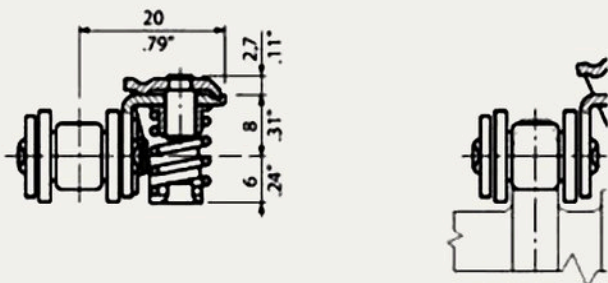
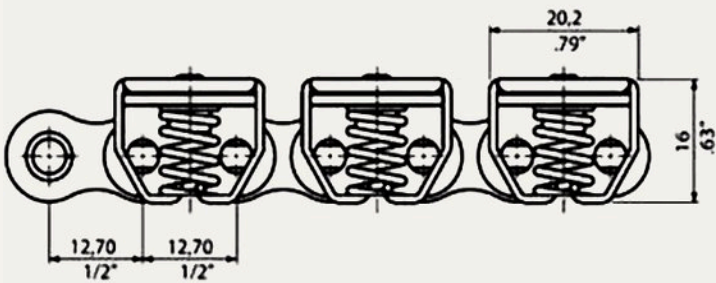
STANDARD CLAMP “TF SERIES”

126TF — ISO 08 B-1 : Pitch 1/2" – 12,70 mm

The standard clamp opens vertically with a slight side movement to follow the cam shape.



126TF – STANDARD CLAMP



126TF DIMENSIONS

TF SERIES - SPECIFICATIONS										
REGINA REF.	BASE CHAIN MATERIAL	CLAMP MATERIAL	SPRING MATERIAL	CHAIN PITCH P		ROLLER DIAMETER DR		INSIDE WIDTH W		CLAMPING FORCE (N)
				MM	INCHES	MM	INCHES	MM	INCHES	
126TFNC/055	S+NC	SS	SS	12,70	1/2	8,51	,335	7,75	,305	85
SS126TF/019	SS	SS	SS	12,70	1/2	8,51	,335	7,75	,305	85

HORIZONTAL CLAMP “TFO SERIES”

126TFO — ISO 08 B-1 : Pitch 1/2" – 12,70 mm

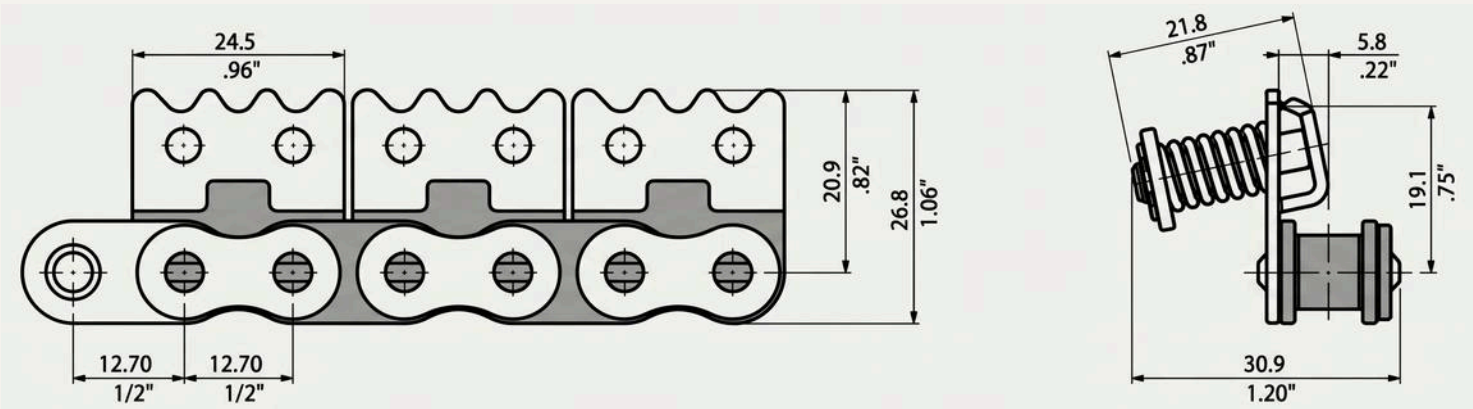
Two springs of 30N each for uniform film clamping and control of film tension.



126TFO – HORIZONTAL CLAMP

GRIPPER CHAINS

STANDARD CLAMP - TF SERIES - HORIZONTAL CLAMP - TFO SERIES (CONT.)



126TFO DIMENSIONS

TFO SERIES - SPECIFICATIONS											
REGINA REF.	BASE CHAIN MATERIAL	CLAMP MATERIAL	SPRING MATERIAL	CHAIN PITCH P		ROLLER DIAMETER DR		INSIDE WIDTH W		CLAMPING FORCE (N)	ASSEMBLY SIDE
				MM	INCHES	MM	INCHES	MM	INCHES		
126TFO/P003	S+NC	SS	SS	12,70	1/2	8,51	,335	7,75	,305	60	left
126TFO/P004	S+NC	SS	SS	12,70	1/2	8,51	,335	7,75	,305	60	right
SS126TFO/000	SS	SS	SS	12,70	1/2	8,51	,335	7,75	,305	60	left
SS126TFO/001	SS	SS	SS	12,70	1/2	8,51	,335	7,75	,305	60	right

Since the horizontal Film Gripper Chains (TFO series) have a dedicated geometry for right or left assembly side, each ordered quantity has to be split in 50% right and 50% left version.

GRIPPER CHAINS

"1-TIP" & "2-TIP" GRIP CHAINS

VERSION A · VERSION B

Version A



"1-TIP" GRIP CHAINS - VERSION A



"2-TIP" GRIP CHAINS - VERSION B

"1-TIP" GRIP CHAINS - TECHNICAL FEATURES

- › Single and duplex chain 1/2 × 5/16" acc. to ISO 606
- › Gripper with 1 tip, special designs on request
- › Retention force is dependent on material conveyed and spring design – different number of coils and wire spring diameters available
- › The gripper opens when it runs against a control disc (e.g. sprocket hub), causing it to swivel away outwards
- › Food-grade initial lubrication
- › Sprocket designs on request

"2-TIP" GRIP CHAINS - TECHNICAL FEATURES

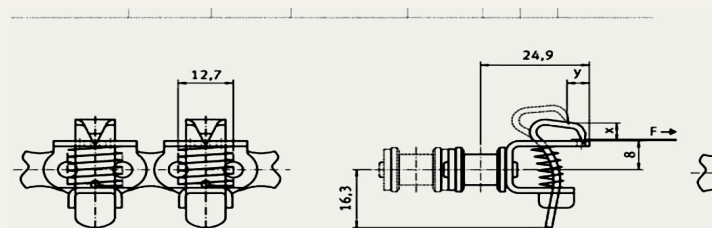
- › Single and duplex chain 1/2 × 5/16" acc. to ISO 606
- › Gripper with 2 tips, special designs on request
- › Retention force is dependent on material conveyed and spring design – different number of coils and wire spring diameters available
- › The gripper opens when it runs against a control disc (e.g. sprocket hub), causing it to swivel away outwards
- › Higher retention force in comparison with 1-tip grip chain
- › Food-grade initial lubrication
- › Sprocket designs on request

"1-TIP" GRIP CHAINS

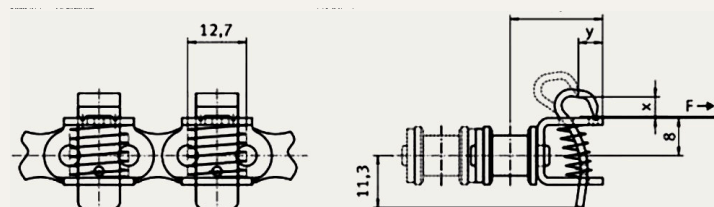
REF. NO. IWIS	DIN ISO	PITCH P (MM)	AVE. FOIL RETENTION FORCE (N) F*	SPRING	X	Y	MAT. NO.
L 85 Grip	08 B-1	12,7	10	0,7x6	5	6	50007495
L 85 Grip	08 B-1	12,7	24	0,9x5	4	5	50034722
D 85 Grip	08 B-2	12,7	10	0,7x6	5	6	50007033

"2-TIP" GRIP CHAINS

REF. NO. IWIS	DIN ISO	PITCH P (MM)	AVE. FOIL RETENTION FORCE (N) F*	X	Y	MAT. NO.
L 85 Grip	08 B-1	12,7	35	3,0	4,5	50024958



"1-TIP" GRIP CHAIN DIMENSIONS



"2-TIP" GRIP CHAIN DIMENSIONS

Dimensions x and y are dependent on the springs used. These are maximum values for the opening stroke. A smaller opening stroke will increase life expectancy of the spring.

* Reference films were used to determine the average film gripping force (F). Concrete values are dependent on the film used (material, surface, thickness). Deviations are possible.

GRIP CHAINS · C / D

"FLAT CLAMP" & "BUTTON CLAMP" GRIP CHAINS

VERSION C · VERSION D



"FLAT CLAMP" GRIP CHAINS – VERSION C



"BUTTON CLAMP" GRIP CHAINS – VERSION D

TECHNICAL FEATURES - "FLAT CLAMP" GRIP CHAINS (VERSION C)

- > Single and duplex chain 1/2 × 5/16" acc. to ISO 606
- > Gripper with flat clamping surface
- > Retention force is dependent on material conveyed and spring design – different number of coils and wire spring diameters available
- > The gripper opens when it runs against a control disc (e.g. sprocket hub), causing it to swivel away outwards
- > Gentle handling of materials
- > Low transmission forces
- > Sprocket designs on request

TECHNICAL FEATURES - "BUTTON CLAMP" GRIP CHAINS (VERSION D)

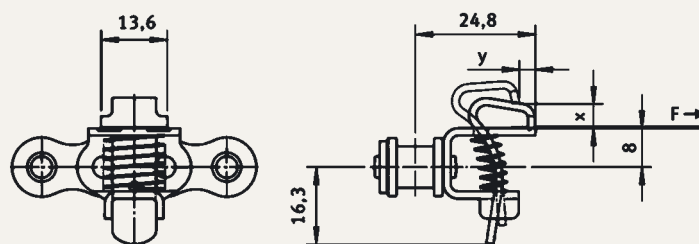
- > Single chain 1/2 × 5/16" or 5/8 × 3/8" acc. to ISO 606
- > Rotationally symmetrical gripper element
- > Extremely flat button clamp
- > Retention force is dependent on material conveyed and spring design – different number of coils and wire spring diameters available
- > **iwis patent** (spring without additional fixing elements)
- > Does not swivel away outwards when opened
- > Sprocket designs on request

"FLAT CLAMP" GRIP CHAINS - VERSION C

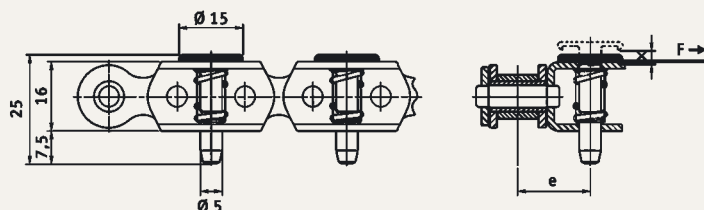
REF. NO. IWIS	DIN ISO	PITCH P (MM)	AVE. FOIL RETENTION FORCE (N) F*	SPRING	X	Y	MAT. NO.
L 85 Grip	08 B-1	12,7	3	0,7x6	5	3,5	50037062
L 85 Grip	08 B-1	12,7	5	0,9x5	4	2,8	50035540
D 85 Grip	08 B-2	12,7	3	0,7x6	5	3,5	50032581

"BUTTON CLAMP" GRIP CHAINS - VERSION D

REF. NO. IWIS	DIN ISO	PITCH P (MM)	AVE. FOIL RETENTION FORCE (N) F*	E	MAT. NO.
M 106 Grip	10 B-1	15,875	70	16,8	50034301
L 85 Grip	08 B-1	12,7	70	15,8	50035491



"FLAT CLAMP" GRIP CHAIN – VERSION C



"BUTTON CLAMP" GRIP CHAIN – VERSION D (Ø 15 · Ø 5 · 25 · 16 · 7,5 · E · F · X = 3,25 MM)

Dimensions x and y are dependent on the springs used. These are maximum values for the opening stroke. A smaller opening stroke will increase life expectancy of the spring.

* Reference films were used to determine the average film gripping force (F). Concrete values are dependent on the film used (material, surface, thickness). Deviations are possible.

GRIP CHAINS • CLAMP F

GRIP CHAIN WITH CLAMP F

VERSION F (NEW) • CONTROL SPROCKETS FOR GRIP CHAIN APPLICATIONS



GRIP CHAIN WITH CLAMP F – VERSION F (NEW)



CONTROL SPROCKETS FOR GRIP CHAIN APPLICATIONS –
EXAMPLE WITH VERSION E

TECHNICAL FEATURES

- › Single and duplex chain 1/2 × 5/16" acc. to ISO 606
- › Complete gripper element
- › Gripper element with a continuous sharp-aged gripping flange
- › Retention force is dependent on material conveyed
- › Clamp and spring made of stainless steel spring steel
- › Due to a special geometry of sprockets used, the gripper opens with a slight sideways movement
- › Food-grade initial lubrication
- › Sprocket designs on request

SPROCKET RECOMMENDATIONS

- › For applications with 1/2" **grip chains**, the recommended minimum number of teeth on the control sprocket is: **11**
- › For applications with 5/8" **grip chains**, the recommended minimum number of teeth on the control sprocket is: **14**
- › For improved running characteristics, we recommend control sprockets with a minimum of 19 teeth.
- › We recommend the use of a ramp for sprockets with fewer than 20 teeth. A ramp is optional if sprockets have more than 20 teeth.
- › Different spring sizes require different control disc diameters.

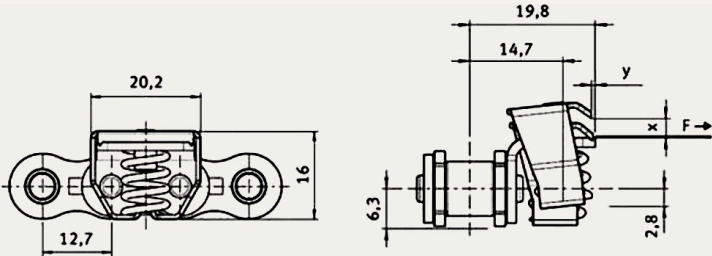
GRIP CHAIN WITH CLAMP F - VERSION F

REF. NO. IWIS	DIN ISO	PITCH P (MM)	AVERAGE FOIL RETENTION FORCE (N) F*	SPRING	X	Y	MAT. NO.
L 85 Grip	08 B-1	12,7	42	1,3x5,5	3	0,6	50045980

Dimensions x and y are dependent on the springs used. These are maximum values for the opening stroke. A smaller opening stroke will increase life expectancy of the spring.
* Reference films were used to determine the average film gripping force (F). Concrete values are dependent on the film used (material, surface, thickness). Deviations are possible.

CUSTOMISED DESIGNS

Sprockets can be supplied in accordance with customer specifications e.g. bearing seats, keyways, threads, special diameters, surfaces... Please advise us of the technical specifications and quantities you require.



GRIP CHAIN WITH CLAMP F – VERSION F

GRIP CHAINS • CLAMP F

GRIP CHAIN WITH CLAMP F (CONT.)



VERSION A



VERSION B



Version D

VERSION D

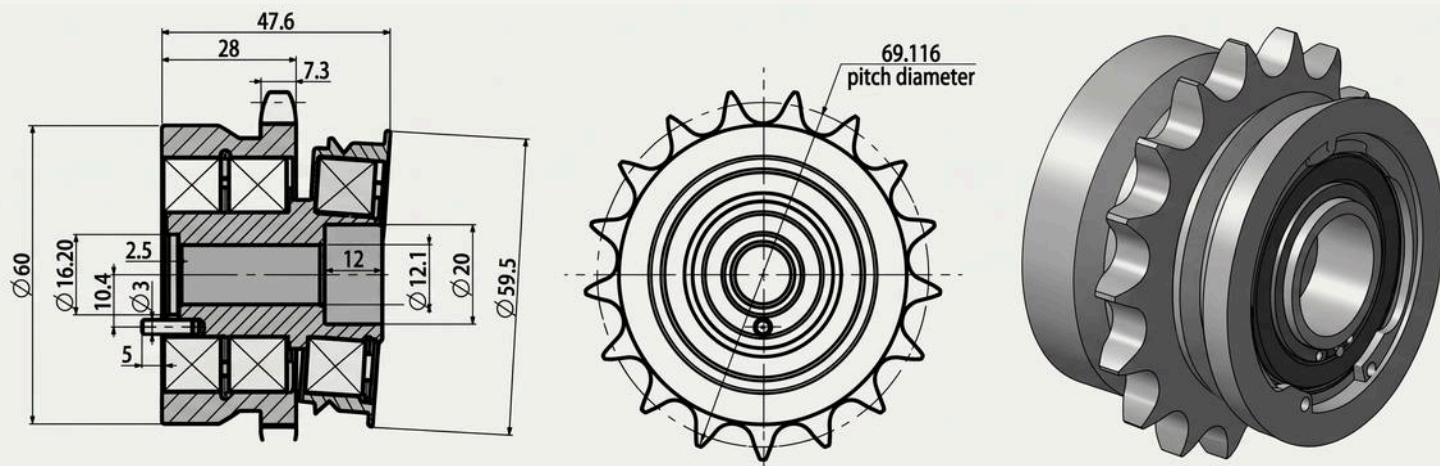
GRIPPER • CAM SPROCKETS

CAM SPROCKETS FOR CHAIN 126TFK & 136TFK

GS 89 • GS 88 • GS 106 • GS 160 • GS 107 • GS 174

CAM SPROCKET FOR CHAIN 126TFK (P = 1/2") - 12,70 MM

Part N° GS 89 — Z = 17 — pitch diameter 69,116 mm



PART N° GS 89, Z = 17

CAM SPROCKETS FOR CHAIN 136TFK (P = 5/8") - 15,875 MM

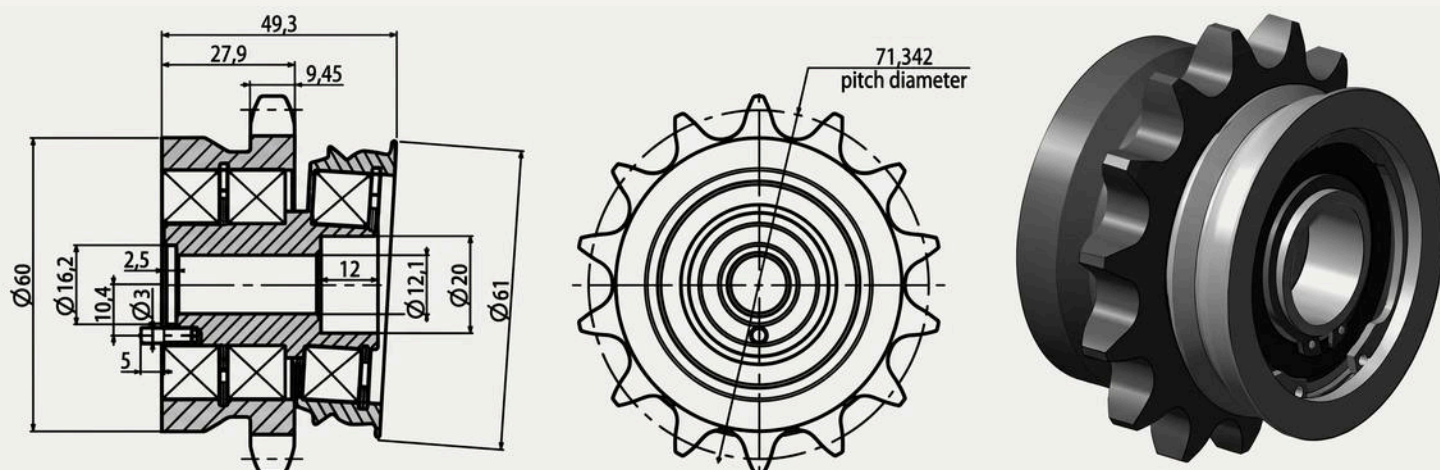
Part N° GS 88 — Z = 14 — pitch diameter 71,342 mm

Part N° GS 106 — Z = 14 — pitch diameter 71,342 mm

Part N° GS 160 (NEW) — Z = 17 — pitch diameter 86,395 mm

Part N° GS 107 — Z = 21 — Belt type T5 — pitch diameter 106,513 mm

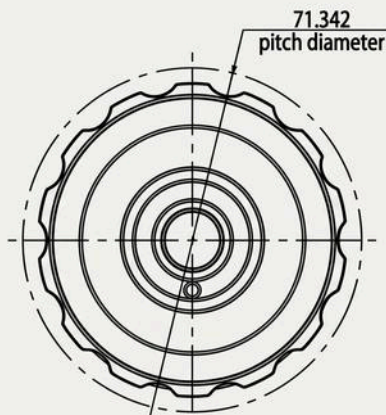
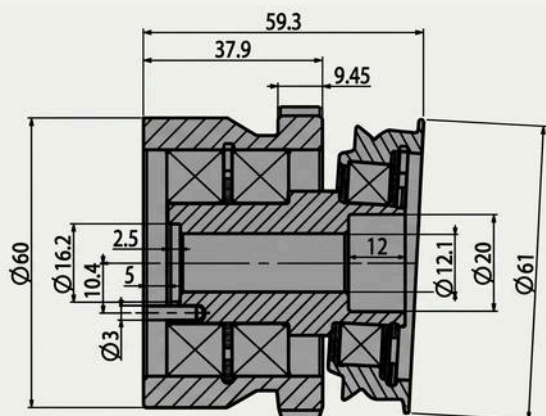
Part N° GS 174 — Z = 21 — Belt type AT5 — pitch diameter 106,513 mm



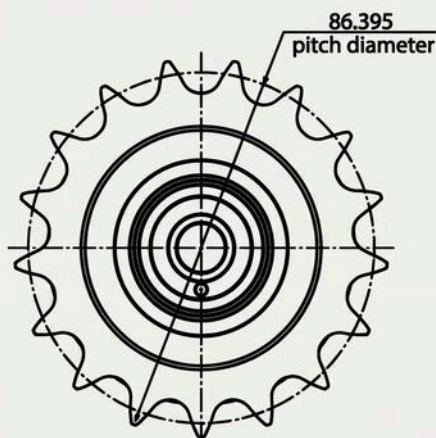
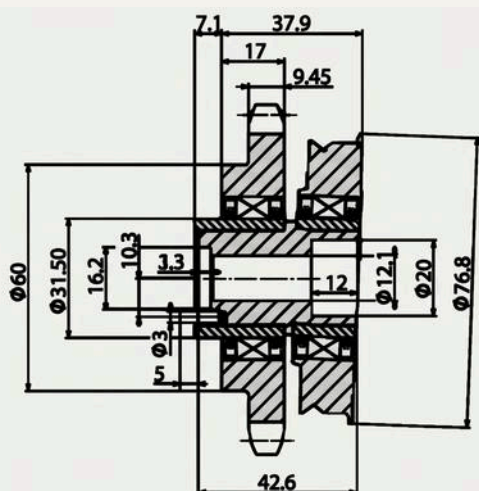
PART N° GS 88, Z = 14

GRIPPER • CAM SPROCKETS

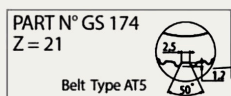
CAM SPROCKETS FOR CHAIN 126TFK & 136TFK (CONT.)



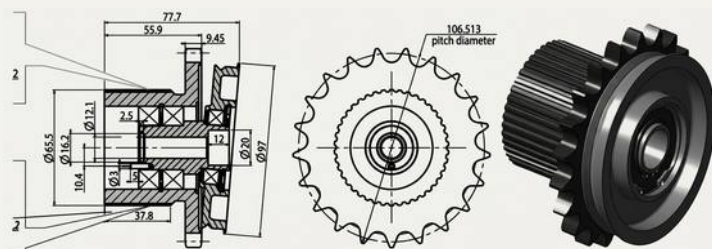
PART N° GS 106, Z = 14



PART N° GS 160 (NEW), Z = 17



BELT PROFILE DETAILS: GS 107 - BELT TYPE T5; GS 174 - BELT TYPE AT5



PART N° GS 107 / GS 174, Z = 21

CAM SPROCKETS - OVERVIEW

PART N°	FOR CHAIN	PITCH P (IN)	PITCH P (MM)	Z	PITCH DIAMETER (MM)	BELT TYPE
GS 89	126TFK	1/2"	12,70	17	69,116	
GS 88	136TFK	5/8"	15,875	14	71,342	
GS 106	136TFK	5/8"	15,875	14	71,342	
GS 160	136TFK	5/8"	15,875	17	86,395	
GS 107	136TFK	5/8"	15,875	21	106,513	T5
GS 174	136TFK	5/8"	15,875	21	106,513	AT5

Overview compiled from the part labels and dimension drawings on this page. GS 160 is a new item.

SECTION 02

STICKER CHAINS

08B-2 · 08A-1 / A40 · 10A-1 / A50 BASE CHAINS

14 Sticker Chains

16 08B-2 Base Chain

18 08B-2 Base Chain · 08A-1 / A40 Base Chain

20 08A-1 / A40 Base Chain

22 10A-1 / A50 Base Chain

24 Sticker Chains – Trademarks

STICKER • SYSTEM

STICKER CHAINS

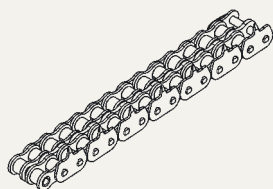
STICKER CHAINS ARE USED TO CONVEY PLASTIC FILM IN THERMOFORMING MACHINES

STICKER CHAINS ARE USED TO CONVEY PLASTIC FILM IN THERMOFORMING MACHINES

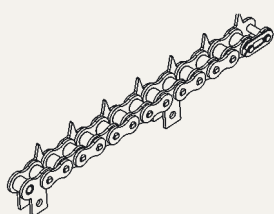
Uniking Canada sticker chains are based on ISO 08B-2, 08A-1 and 10A-1 roller chains. Upon customer request, Uniking can custom design sticker chains based on the combination of the guide and attachment shape options reported below.



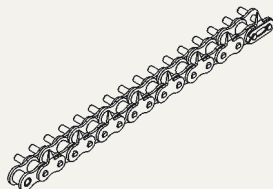
THERMOFORMING MACHINE



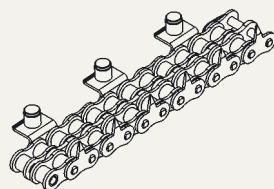
GUIDED ON CHAIN ROLLERS



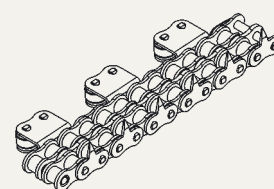
GUIDED ON SADDLE



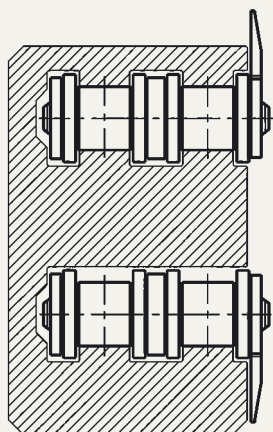
GUIDED ON EXTENDED PIN



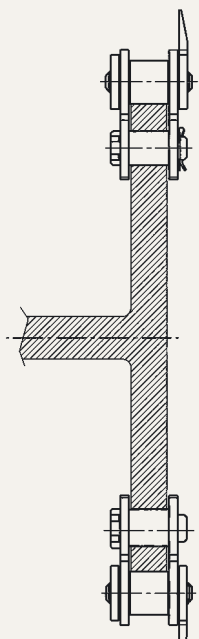
GUIDED ON SINGLE OUTBOARD ROLLER



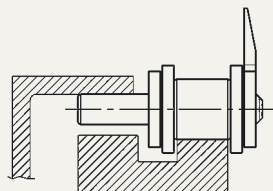
GUIDED ON DOUBLE OUTBOARD ROLLER



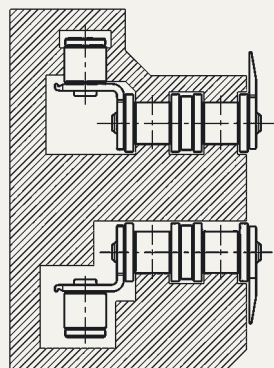
GUIDED ON CHAIN ROLLERS - SECTION



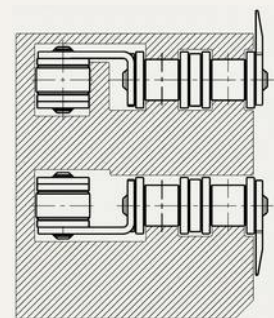
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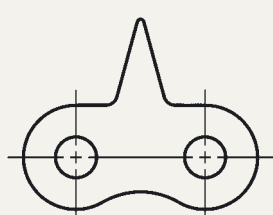
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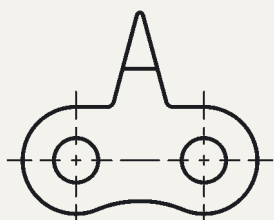
GUIDED ON SINGLE OUTBOARD ROLLER - SECTION



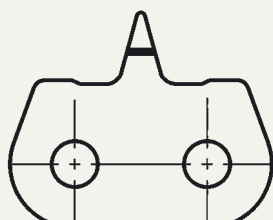
GUIDED ON DOUBLE OUTBOARD ROLLER - SECTION



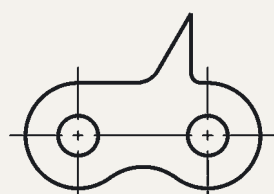
STANDARD



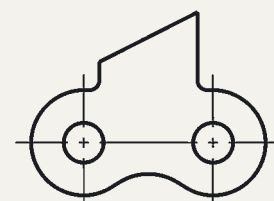
COINED



DEEP LINK



ASYMMETRIC



CHISEL

STICKER • SYSTEM

STICKER CHAINS (CONT.)

PRODUCT FEATURES

- › Chains are pre-stretched and matched in pairs.
- › Precise length tolerance for exact film positioning.
- › High performance lubrication suitable for high temperature. On request with USDA H1 food approved prelubrication.
- › Optimized plate hardness for improved wear resistance.

Smooth tip finishing for cleaner piercing and reduced powdering



SMOOTH TIP FINISHING FOR CLEANER PIERCING AND
REDUCED POWDERING



STICKER CHAIN ON SPROCKET

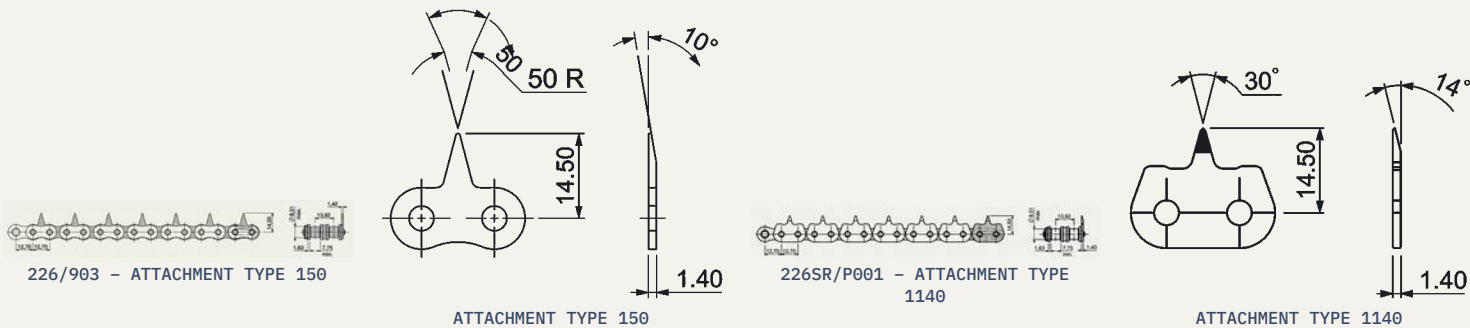
STICKER CHAINS

08B-2 BASE CHAIN

COINED AND DEEP-LINK STICKER CHAINS WITH SPIKE ATTACHMENTS

GUIDED ON CHAIN ROLLER - COINED AND DEEP LINK

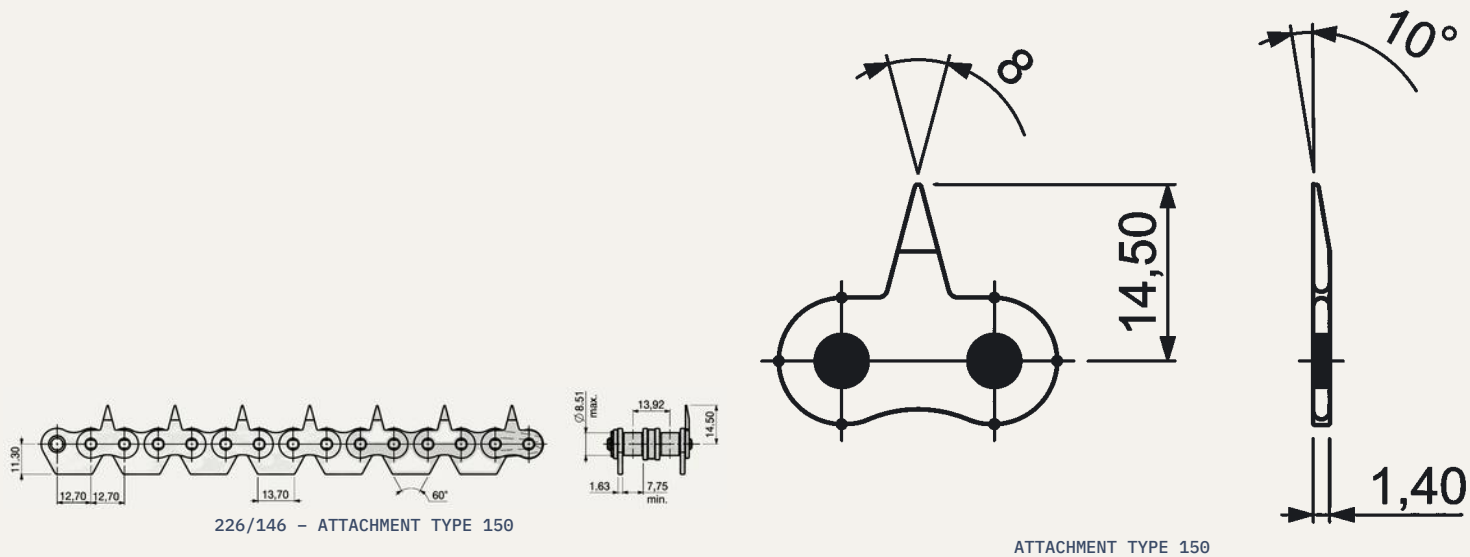
ILLIG / TFT / WM style



GUIDED ON CHAIN ROLLER - COINED AND DEEP LINK									
REGINA REF.	ISO REF.	CHAIN PITCH P		ROLLER DIAMETER DR		INSIDE WIDTH W		SPIKE ATTACHMENT TYPE	SPIKE ATTACHMENT FREQUENCY
		MM	INCHES	MM	INCHES	MM	INCHES		
226/903	08B-2	12,70	1/2	8,51	0,335	7,75	0,305	150	every 2nd pitch
226SR/P001	08B-2	12,70	1/2	8,51	0,335	7,75	0,305	1140	every 2nd pitch

GUIDED ON SADDLE - COINED

BELLAPLAST style



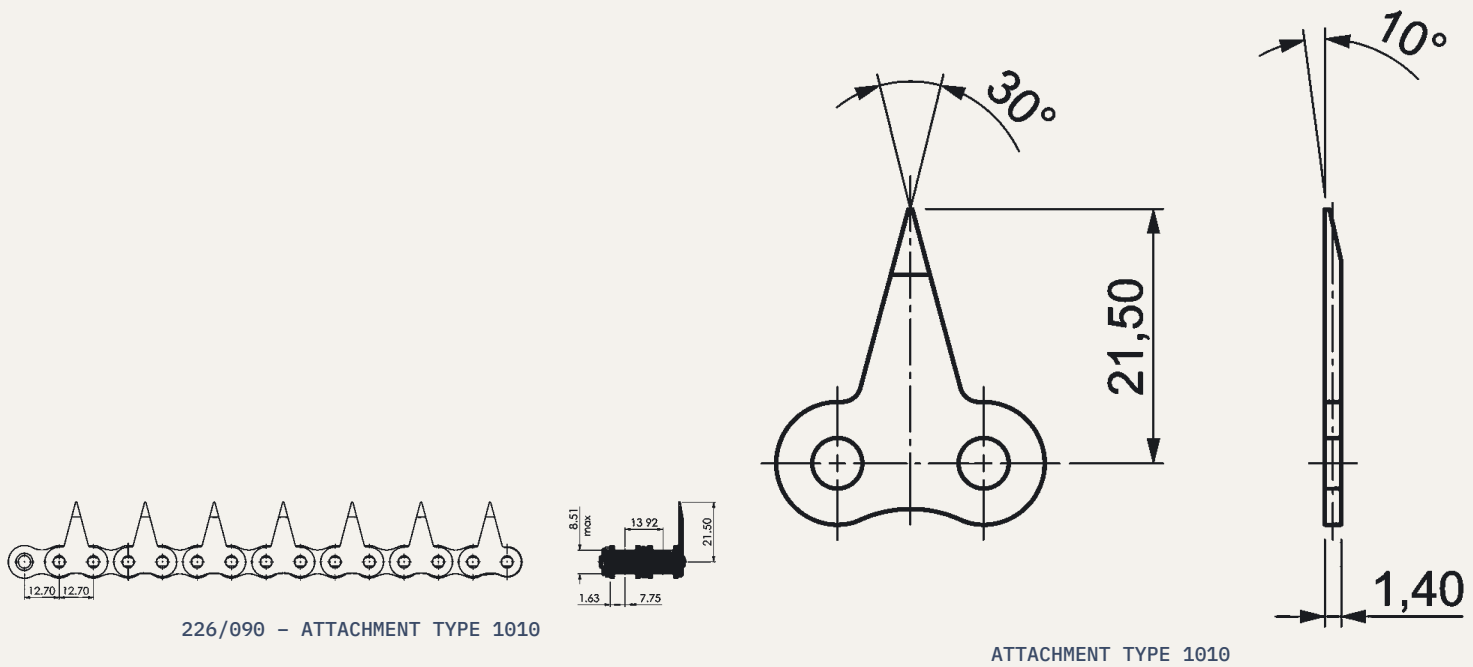
GUIDED ON SADDLE - COINED									
REGINA REF.	ISO REF.	CHAIN PITCH P		ROLLER DIAMETER DR		INSIDE WIDTH W		SPIKE ATTACHMENT TYPE	SPIKE ATTACHMENT FREQUENCY
		MM	INCHES	MM	INCHES	MM	INCHES		
226/146	08B-2	12,70	1/2	8,51	0,335	7,75	0,305	150	every 2nd pitch

GUIDED ON CHAIN ROLLER - COINED

OMV style

STICKER CHAINS

08B-2 BASE CHAIN (CONT.)



GUIDED ON CHAIN ROLLER - COINED									
REGINA REF.	ISO REF.	CHAIN PITCH P		ROLLER DIAMETER DR		INSIDE WIDTH W		SPIKE ATTACHMENT TYPE	SPIKE ATTACHMENT FREQUENCY
		MM	INCHES	MM	INCHES	MM	INCHES		
226/090	08B-2	12,70	1/2	8,51	0,335	7,75	0,305	1010	every 2nd pitch

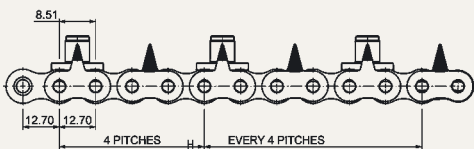
STICKER CHAINS

08B-2 BASE CHAIN - 08A-1 / A40 BASE CHAIN

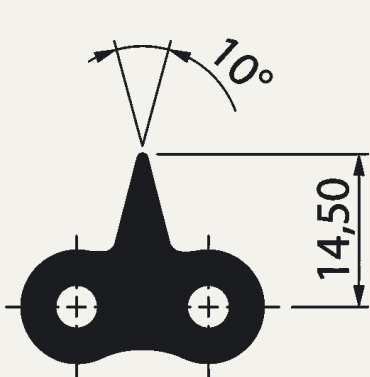
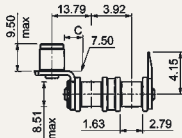
OUTBOARD-ROLLER AND EXTENDED-PIN STICKER CHAINS

08B-2 BASE CHAIN – GUIDED ON SINGLE OUTBOARD ROLLER - COINED

KIEFEL / GABLER style



226/09F – SINGLE OUTBOARD ROLLER



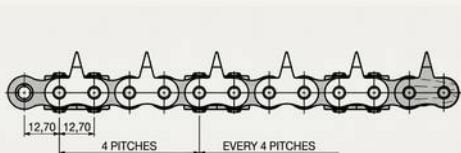
ATTACHMENT TYPE 150

ATTACHMENT TYPE 150

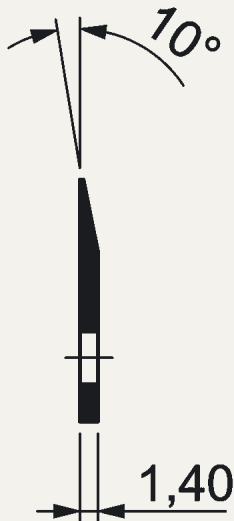
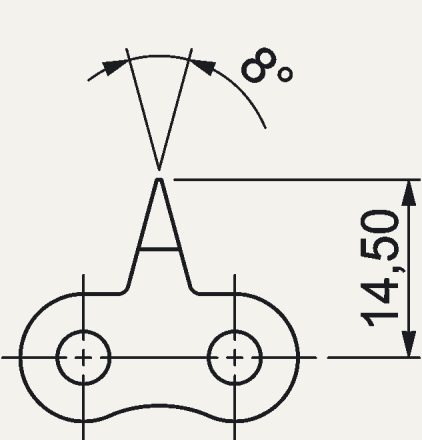
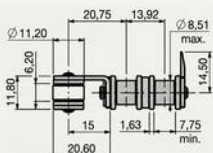
GUIDED ON SINGLE OUTBOARD ROLLER - COINED

REGINA REF.	ISO REF.	CHAIN PITCH P		ROLLER DIAMETER DR		INSIDE WIDTH W		SPIKE ATTACHMENT TYPE	SPIKE ATTACHMENT FREQUENCY
		MM	INCHES	MM	INCHES	MM	INCHES		
226/09F	08B-2	12,70	1/2	8,51	0,335	7,75	0,305	150	every 2nd pitch

08B-2 BASE CHAIN – GUIDED ON DOUBLE OUTBOARD ROLLER - COINED



226SR/009 – DOUBLE OUTBOARD ROLLER



ATTACHMENT TYPE 150

08B-2 BASE CHAIN · 08A-1 / A40 BASE CHAIN (CONT.)

REGINA REF.	ISO REF.	CHAIN PITCH P		ROLLER DIAMETER DR		INSIDE WIDTH W		SPIKE ATTACHMENT TYPE	SPIKE ATTACHMENT FREQUENCY
		MM	INCHES	MM	INCHES	MM	INCHES		
226SR/009	08B-2	12,70	1/2	8,51	0,335	7,75	0,305	150	every 2nd pitch

Guided on Extended Pin - Asymmetric										
Regina Ref.	ISO Ref.	Chain Pitch P		Roller Diameter DR		Inside Width W		Spike Attachment Type	Spike Attachment Frequency	Assembly Side
		mm	Inches	mm	Inches	mm	Inches			
A40/0BB	08A	12,70	1/2	7,92	0,312	7,85	0,309	167	every 2nd pitch	right
A40/0BD	08A	12,70	1/2	7,92	0,312	7,85	0,309	167	every 2nd pitch	left
A40/11C	08A	12,70	1/2	7,92	0,312	7,85	0,309	167	every 4th pitch	right
A40/11D	08A	12,70	1/2	7,92	0,312	7,85	0,309	167	every 4th pitch	left

EXTENDED-PIN AND COINED STICKER CHAINS WITH SPIKE ATTACHMENTS

IRWIN style



IRWIN style



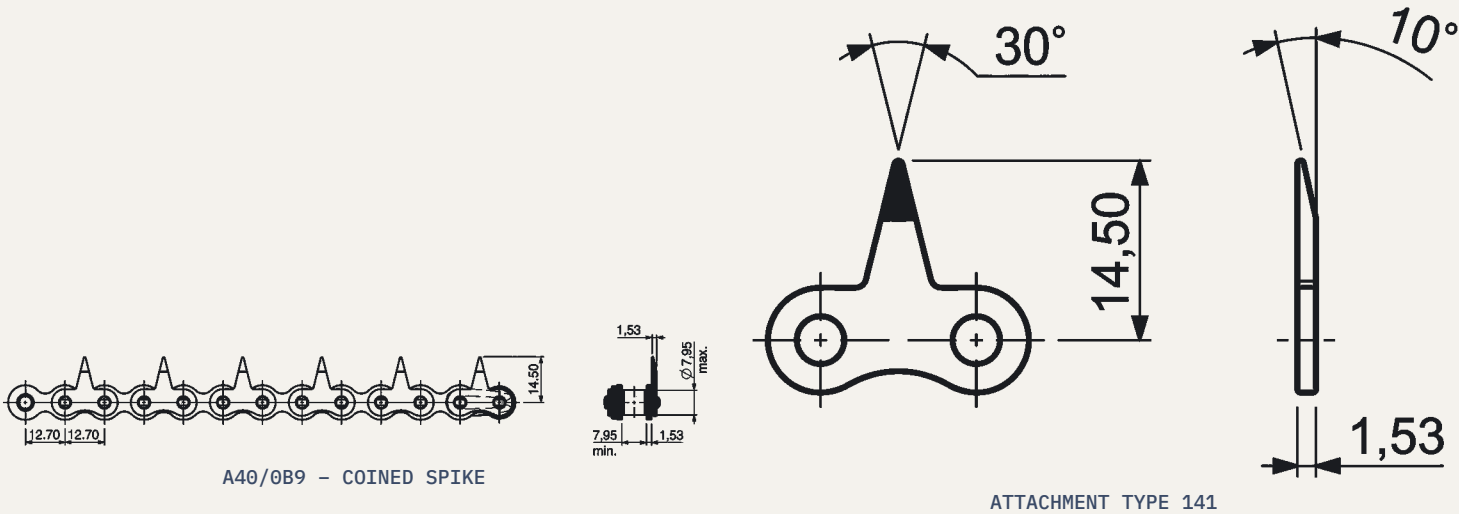
20

STICKER CHAINS

08A-1 / A40 BASE CHAIN (CONT.)

GUIDED ON CHAIN ROLLER - COINED

DINIEPER style



GUIDED ON CHAIN ROLLER - COINED									
REGINA REF.	ISO REF.	CHAIN PITCH P		ROLLER DIAMETER DR		INSIDE WIDTH W		SPIKE ATTACHMENT TYPE	SPIKE ATTACHMENT FREQUENCY
		MM	INCHES	MM	INCHES	MM	INCHES		
A40/0B9	08A	12,70	1/2	7,92	0,312	7,85	0,309	141	every 2nd pitch

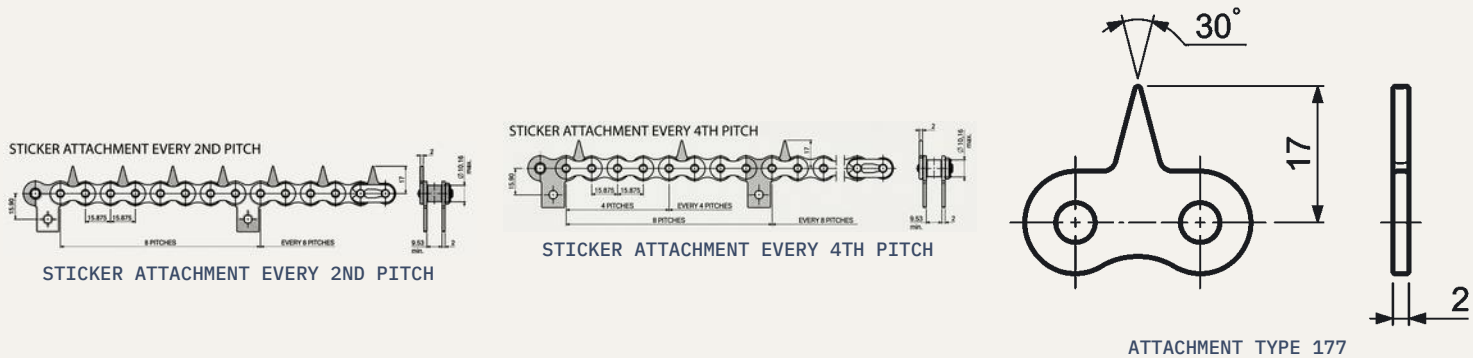
STICKER CHAINS

10A-1 / A50 BASE CHAIN

SADDLE-GUIDED AND EXTENDED-PIN STICKER CHAINS WITH SPIKE ATTACHMENTS

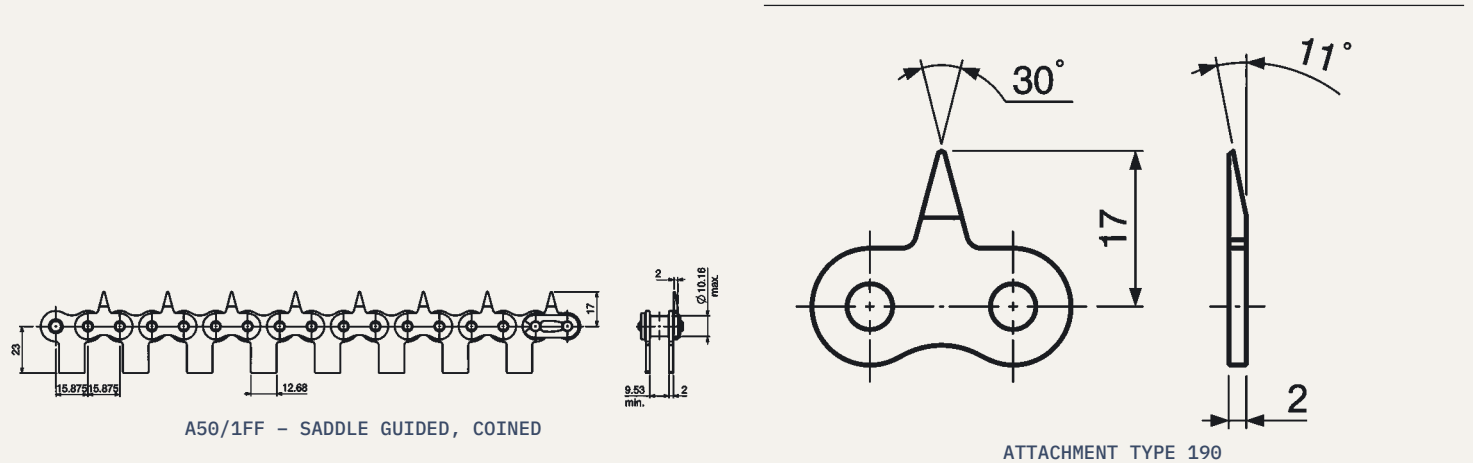
GUIDED ON SADDLE - STANDARD

BROWN style



GUIDED ON SADDLE - STANDARD										
REGINA REF.	ISO REF.	CHAIN PITCH P		ROLLER DIAMETER DR		INSIDE WIDTH W		SPIKE ATTACHMENT TYPE	SPIKE ATTACHMENT FREQUENCY	ASSEMBLY SIDE
		MM	INCHES	MM	INCHES	MM	INCHES			
A50SR/P001	10A-1	15,875	5/8	10,16	0,400	9,65	0,380	177	every 2nd pitch	right
A50SR/P002	10A-1	15,875	5/8	10,16	0,400	9,65	0,380	177	every 2nd pitch	left
A50/P008	10A-1	15,875	5/8	10,16	0,400	9,65	0,380	177	every 4th pitch	right
A50/P009	10A-1	15,875	5/8	10,16	0,400	9,65	0,380	177	every 4th pitch	left

GUIDED ON SADDLE - COINED



GUIDED ON SADDLE - COINED										
REGINA REF.	ISO REF.	CHAIN PITCH P		ROLLER DIAMETER DR		INSIDE WIDTH W		SPIKE ATTACHMENT TYPE	SPIKE ATTACHMENT FREQUENCY	
		MM	INCHES	MM	INCHES	MM	INCHES			
A50/1FF	10A-1	15,875	5/8	10,16	0,400	9,65	0,380	190	every 2nd link	

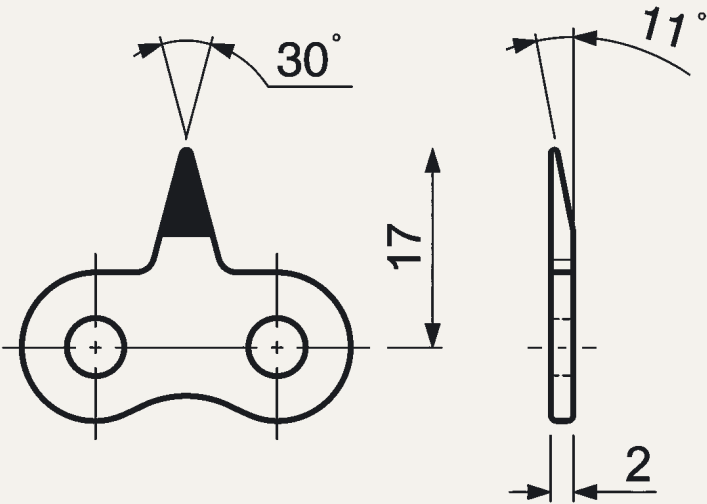
GUIDED ON EXTENDED PIN - COINED

STICKER CHAINS

10A-1 / A50 BASE CHAIN (CONT.)



A50/P005 - EXTENDED PIN, COINED



ATTACHMENT TYPE 190

GUIDED ON EXTENDED PIN - COINED									
REGINA REF.	ISO REF.	CHAIN PITCH P		ROLLER DIAMETER DR		INSIDE WIDTH W		SPIKE ATTACHMENT TYPE	SPIKE ATTACHMENT FREQUENCY
		MM	INCHES	MM	INCHES	MM	INCHES		
A50/P005	10A-1	15,875	5/8	10,16	0,400	9,65	0,380	190	every 2nd link

STICKER CHAINS

STICKER CHAINS - TRADEMARKS

STICKER CHAIN PHOTOGRAPHS AND REGISTERED TRADEMARK NOTICES



STICKER CHAIN WITH OUTBOARD ROLLERS AND SPIKE ATTACHMENTS

- › ILLIG® is a registered trademark of ILLIG Maschinenbaum GmbH
- › TFT® is a registered trademark of WM Wrapping Machinery SA
- › OMV® is a registered trademark of OMV Machinery Srl
- › Kiefel® is a registered trademark of Kiefel GmbH



STICKER CHAIN WITH CHISEL SPIKE ATTACHMENTS

- › Gabler® is a registered trademark of Gabler Thermoform GmbH
- › Irwin® is a registered trademark of Irwin Research and Development Inc
- › Dnieper® is a registered trademark of Dnieper Ind. Metalurgica
- › Brown® is a registered trademark of Brown Machine LLC