

# Thermoforming Sticker Chains



PERFORMANCE IN MOTION






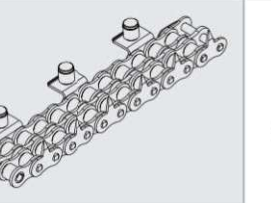
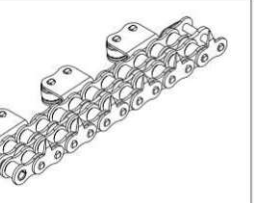
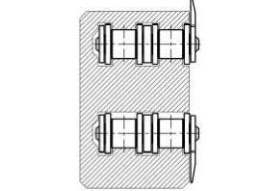
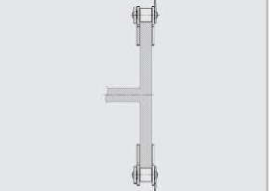
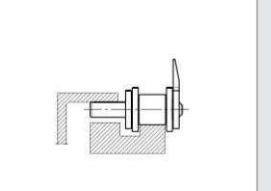
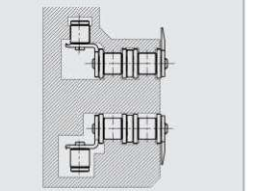
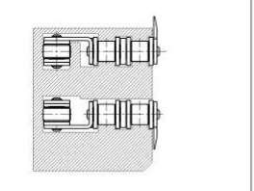
# Thermoforming sticker chains

STICKER CHAINS ARE USED TO CONVEY PLASTIC FILM IN THERMOFORMING MACHINES

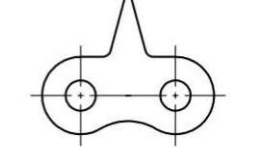
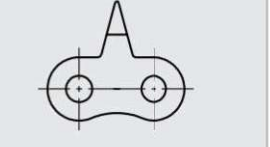
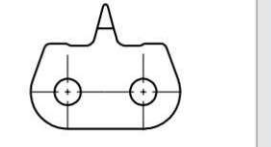
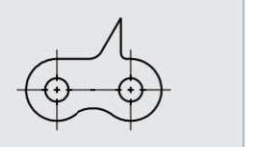
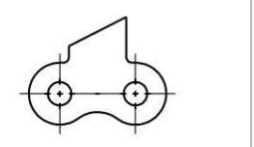
Regina Thermoforming sticker chains are based on ISO 08B-2, 08A-1 and 10A-1 roller chains. Upon customer request, Regina can custom design sticker chains based on the combination of the guide and attachment shape options reported below.



## GUIDE OPTIONS

| GUIDED ON CHAIN ROLLERS                                                           | GUIDED ON SADDLE                                                                   | GUIDED ON EXTENDED PIN                                                             | GUIDED ON SINGLE OUTBOARD ROLLER                                                    | GUIDED ON DOUBLE OUTBOARD ROLLER                                                     |
|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
|   |   |   |   |   |
|  |  |  |  |  |

## ATTACHMENT SHAPE OPTIONS

| STANDARD                                                                           | COINED                                                                              | DEEP LINK                                                                           | ASYMMETRIC                                                                           | CHISEL                                                                                |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |  |  |

## 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.



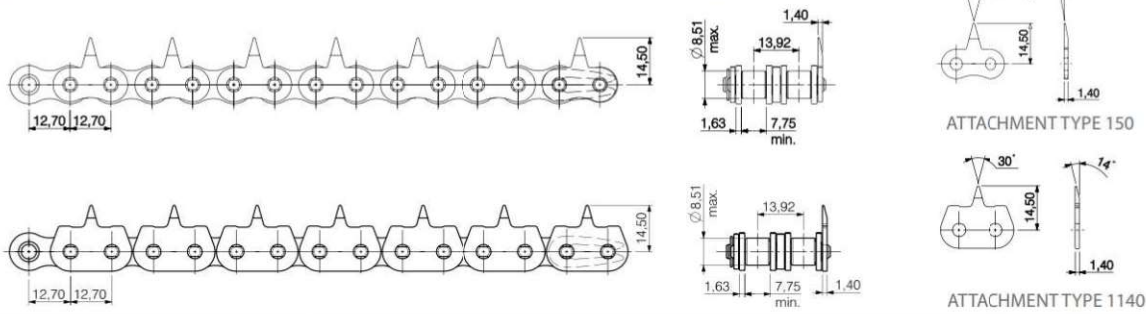
SMOOTH TIP FINISHING FOR CLEANER PIERCING AND REDUCED POWDERING





# 08B-2 BASE CHAIN

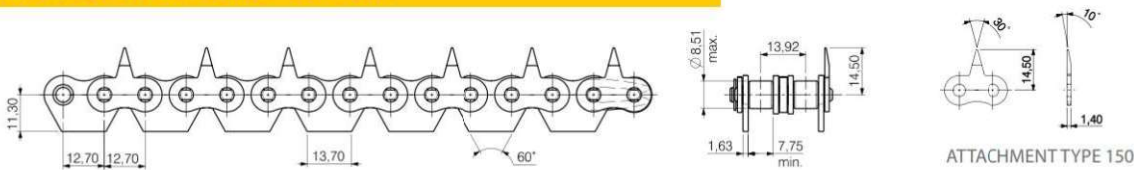
## GUIDED ON CHAIN ROLLER - COINED AND DEEP LINK



**ILLIG /TFT/WM style**

| 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            |

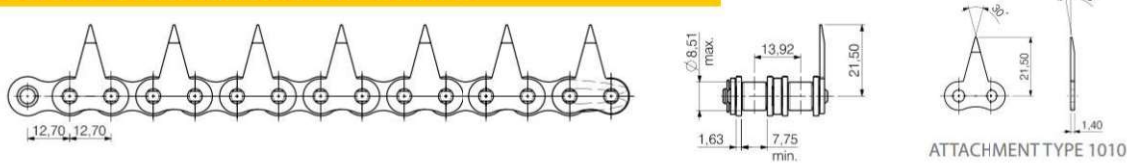
## GUIDED ON SADDLE - COINED



**BELLAPLAST style**

| 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            |

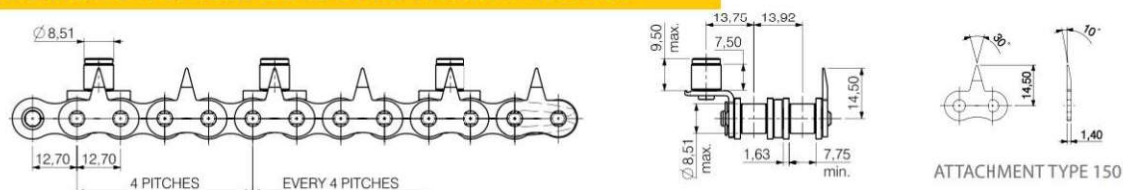
## GUIDED ON CHAIN ROLLER - COINED



**OMV style**

| 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            |

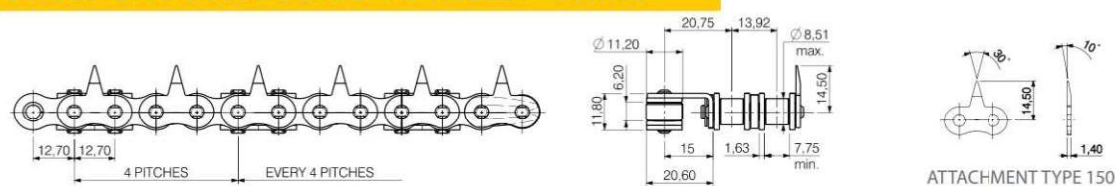
## GUIDED ON SINGLE OUTBOARD ROLLER - COINED



**KIEFEL/ GABLER style**

| 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            |

## GUIDED ON DOUBLE OUTBOARD ROLLER - COINED

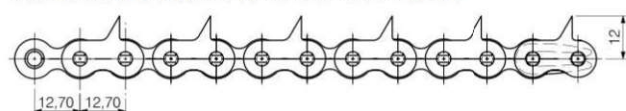


| REGINA REF. | ISO REF. | CHAIN PITCH P |        | ROLLER DIAMETER DR |        | INSIDE WIDTH W |        | SPIKE ATTACHMENT TYPE | SPIKE ATTACHMENT FREQUENCY |
|-------------|----------|---------------|--------|--------------------|--------|----------------|--------|-----------------------|----------------------------|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

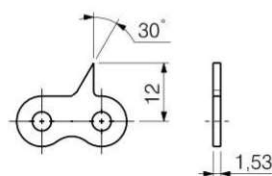
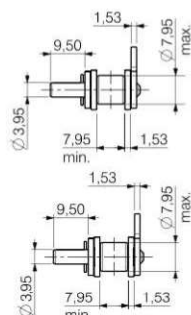
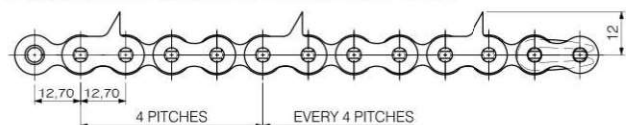
# 08A-1 / A40 BASE CHAIN

## GUIDED ON EXTENDED PIN - ASYMMETRIC

STICKER ATTACHMENT EVERY 2ND PITCH



STICKER ATTACHMENT EVERY 4TH PITCH

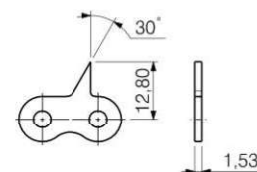
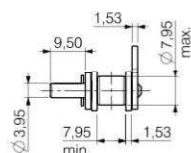
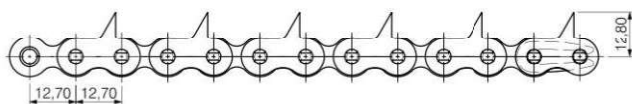


ATTACHMENT TYPE 167

IRWIN  
style

| 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          |

## GUIDED ON EXTENDED PIN - ASYMMETRIC

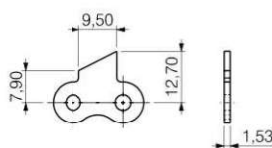
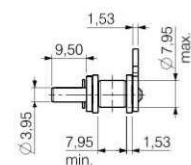
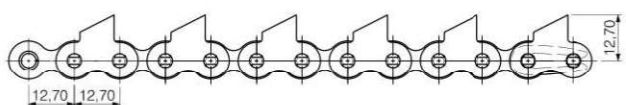


ATTACHMENT TYPE 177

IRWIN  
style

| 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/P004    | 08A      | 12,70         | 1/2    | 7,92               | 0,312  | 7,85           | 0,309  | 177                   | every 2nd pitch            | left          |
| A40/P003    | 08A      | 12,70         | 1/2    | 7,92               | 0,312  | 7,85           | 0,309  | 177                   | every 2nd pitch            | right         |

## GUIDED ON EXTENDED PIN - CHISEL

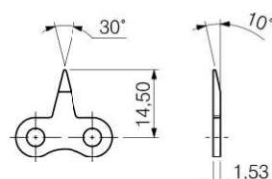
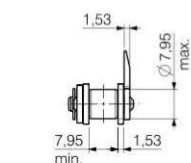
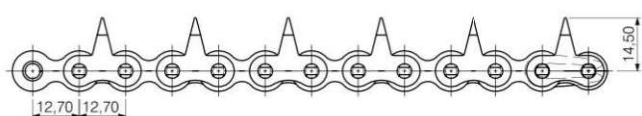


ATTACHMENT TYPE 163

IRWIN  
style

| 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 |                       |                            |               |
| A40/0B5     | 08A      | 12,70         | 1/2    | 7,92               | 0,312  | 7,85           | 0,309  | 163                   | every 2nd pitch            | left          |
| A40/0B7     | 08A      | 12,70         | 1/2    | 7,92               | 0,312  | 7,85           | 0,309  | 163                   | every 2nd pitch            | right         |

## GUIDED ON CHAIN ROLLER - COINED



ATTACHMENT TYPE 141

DINIEPER  
style

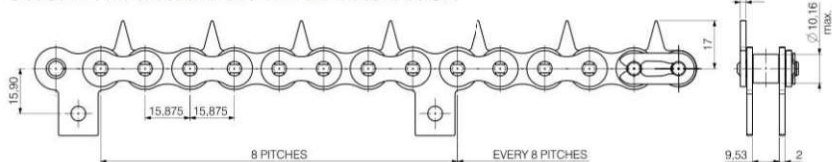
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|-------------|----------|---------------|--------|--------------------|--------|----------------|--------|-----------------------|----------------------------|
|             |          | mm            | inches | mm                 | inches | mm             | inches |                       |                            |
| A40/0B9     | 08A      | 12,70         | 1/2    | 7,92               | 0,312  | 7,85           | 0,309  | 141                   | every 2nd pitch            |



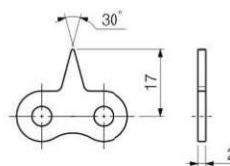
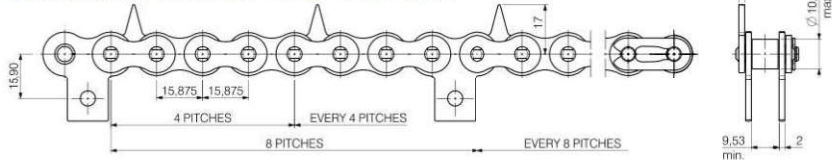
# 10A-1 / A50 BASE CHAIN

## GUIDED ON SADDLE - STANDARD

### STICKER ATTACHMENT EVERY 2ND PITCH



### STICKER ATTACHMENT EVERY 4TH PITCH

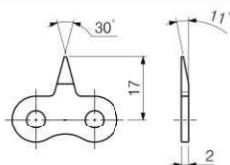
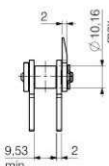
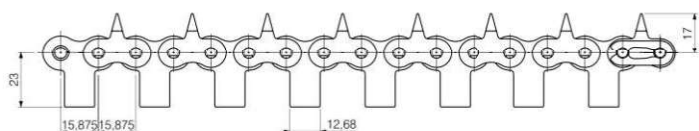


ATTACHMENT TYPE 177

**BROWN**  
style

| 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          |

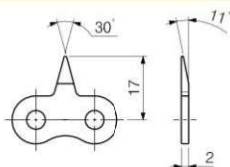
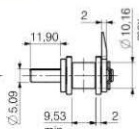
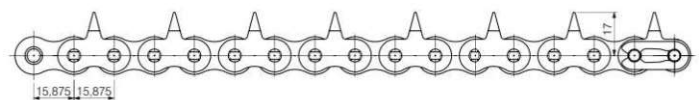
## GUIDED ON SADDLE - COINED



ATTACHMENT TYPE 190

| 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



ATTACHMENT TYPE 190

| 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             |



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- TFT® is a registered trademark of WM Wrapping Machinery SA
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- Irwin® is a registered trademark of Irwin Research and Development Inc
- Dinieper® is a registered trademark of Dinieper Ind. Metalurgica
- Brown® is a registered trademark of Brown Machine LLC



## PERFORMANCE IN MOTION

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