



iwis solutions for chocolate production

The challenge: Precise parallel operation and positioning of the moulds, tight length tolerances and correct lubrication on long production lines are essential factors in chocolate equipment production.

Our solution: iwis roller chains are characterized by above-average service life, excellent wear resistance, high consistency, repeatable accuracy and matchless precision, coupled with considerably higher breaking and fatigue strength when compared to DIN/ISO standards.

- All iwis chains can be specially adapted to the requirements of your application
- iwis not only supplies a wide range of bespoke attachments and fittings but also offers help and support in developing your own special designs and improving existing solutions
- iwis precision chains are manufactured and pre-stretched with extreme accuracy. Individual components are subject to stringent dimensional controls resulting in the highest attainable accuracy – is one of our many strengths!
- All iwis chains are treated with a high-efficiency initial lubricant, specially developed for each relevant application
- High-performance H1-compliant lubricants for direct contact with food available





Highlights

- Chain pins in the SL-series (Super Longlife) feature an extremely high surface hardness
- Highest wear resistance
- Special high-performance lubricants give longer service life
- “Easy break” pins offer trouble-free dismantling and precise assembly of chains
- High fatigue resistance and breaking strength is achieved by specialist processes and technologies
- MEGAlife maintenance-free roller chains from iwis offer even longer service life and additional corrosion protection, even without re-lubrication
- Less susceptible to corrosion and the formation of fretting corrosion in link joints
- Problem solving: our Engineering Team will be glad to help you with your own chain configuration and calculation. You can also download the iwis Chain Calculation Programme from our website.

| DIN ISO number | ANSI designation | Pitch (Inch) | JWS Designation | MEGAlife maintenance-free Designation | ELITE Designation | EURO CHAIN powered by iwis Designation |
|----------------|------------------|--------------|---------------------------|-------------------------------------------------|-----------------------------|-----------------------------------------------------|
| 12B-1 | | 3/4" | M127SL | M127ML | 12B-1 | EC-12-M |
| 12B-2 | | 3/4" | D127SL | D127ML | 12B-2 | EC-12-D |
| 12A-1 | ANSI 60 | 3/4" | M128ASL | M128AML | 60-1 | EC12M-A |
| 16B-1 | | 1" | M1611 | M1611ML | 16B-1 | EC-16-M |
| 16A-1 | ANSI 80 | 1" | M1610A | M1610AML | 80-1 | EC16M-A |
| 20B-1 | | 1 1/4" | M2012 | M2012ML | 20B-1 | EC-20-M |
| 20A-1 | ANSI 100 | 1 1/4" | | | 100-1 | EC20M-A |

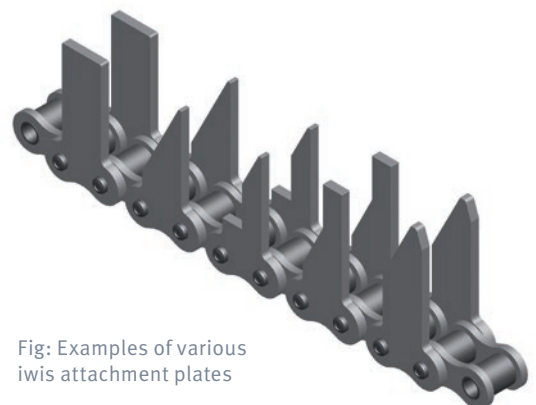


Fig: Examples of various iwis attachment plates