



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)	JWTS 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

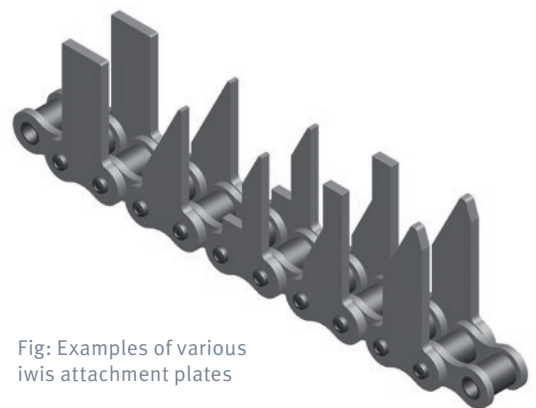


Fig: Examples of various iwis attachment plates