



WHAT MAKES A SCANCHAIN

At ScanChain we go far for quality. We are actually so sure that our conveyor chains are the best that we dare explain why. Not just a single item must be present to ensure a high and uniform quality.

Use of conveyor chains are as diverse as the types that exist. At ScanChain we want our chains in your application without having to compromise on quality.

All chains are produced to a standard. At ScanChain we raise this standard even further by adding key elements into our production resulting in higher breakload and longer wearlife.



DOUBLE PUNCHING

This process provides true 90-degree holes for exact pin & bushing- plate alignment resulting in better contact for longer chain life. The inside walls of the punched plate-hole is smooth and provides perfect contact surface for the Pin & Bush.



HEAT TREATED SIDEPLATES

Sideplates are made of medium Carbon Steel. After punching and flattening the sideplates are heattreated to make sure that the molecular structure of the sideplate are as close to perfection as possible. This actually results in increased breakload compared to DIN std. The heat treating consistently meets the high ScanChain standards



FLATTENED & PARALLEL SIDEPLATES

After punching the sideplates are rolled and flattened to ensure minimum distortion and perfect parallellism between the adjacent sideplates after mounting. The high accuracy and parallellism results in smoother running chain and higher speed on the conveyor.



PRESSFITTED BUSH AND PIN WITH 4 SIDED RIVETING

Bushes are pressfitted in the sideplate with a minimal tolerance to assure the cylendricity of the bush inside and outside walls thus avoiding Barrel shaping and reduced inner width.

Riveting the pin is done on 4 sides securing the pin to the link plate perfectly.



ANTIROTATION FLATNESS ON PIN & BUSH

Pins & Bushes are made of case hardened steel to provide maximum wear resistance. Bush & pin has 2 sided antirotation flatness that funtions not only as grooves for the insertion lenght of the Bush & Pin but also reduces the risk of vibration if sprockets are misaligned. The flatness are machined with 100% parallellity. The build is simply stronger.