MATCHING & TAGGING OF CHAINS

DRIVES® CHAIN BY TIMKEN

TECHNICAL SHEET

Class 1 – Tag

Chains are not measured, but the chains (strands, sections or both) will be tagged: LH, RH, Lead End, etc., and/or tied together as requested.

Class 2 – Measure, Match & Tag

All chain strands[1] are assembled as multiple sections of 10 feet or less[2], measured, and tagged with that measurement. These sections are arranged to incorporate a parallel and consecutive match.

- Parallel: The sections are assembled such that sections directly across from each other have a difference of less than 0.030 in.
- Consecutive: The chains are arranged such that a "short" section is not directly assembled to a "long" section. This results in having a difference between matched strands (for any given total lengths) of less than 0.030 in.

Class 3 – Measure, Match & Tag (Customer Specified Match)

All chain strands[1] are assembled as multiple sections of 10 feet or less[2], measured, and tagged with that measurement. These sections are arranged to incorporate a parallel and consecutive match.

- Parallel: The sections are arranged such that sections directly across from each other have a difference of less than a Class 2 match.
- Consecutive: The chains are arranged such that a "short" section is not directly assembled to a "long" section. This results in having a difference between matched strands (for any given total lengths) of less than a Class 2 match.

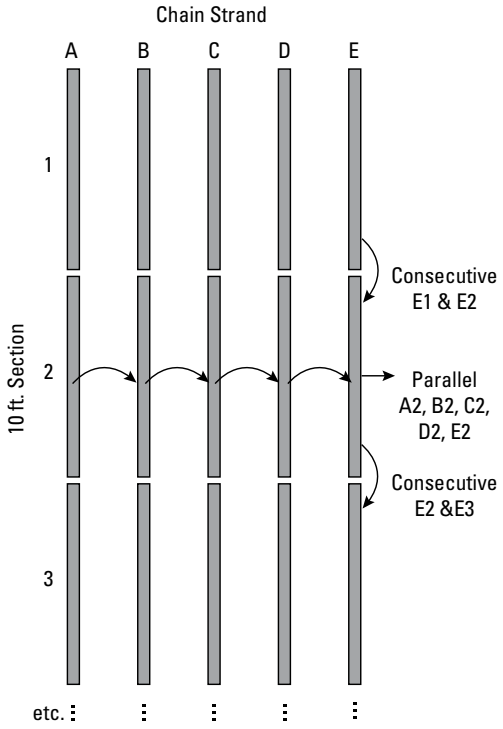

Fig. 7. Matching and tagging of chains.

All match/tag chains are within ANSI standard length tolerances. Matching measured sections (10 feet or shorter sections) ensures that attachments are aligned across the parallel chain strands. This optimized match also results in parallel strand lengths being extremely close to one another.

All match/tag chains are built using same batch parts to ensure the least amount of variance between strands. Reference to "short" or "long" sections simply refers to the minimum and maximum side of that particular batch length range.

[1] Strand: total chain length
[2] Section: part of the total chain length – 10 ft. long or less

The Timken team applies their know-how to improve the reliability and performance of machinery in diverse markets worldwide. The company designs, makes and markets bearings, gear drives, automated lubrication systems, belts, brakes, clutches, chain, couplings, linear motion products and related power transmission rebuild and repair services.