

Teacher
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Subject
Metric Fastener
Standards Comparison

Date
09/11/19

Introduction to Metric Fastener Standards

Objectives:

- Viewers will compare general definitions of DIN, ISO and EN Standards
- Viewers will contrast vendor specific articles with metric standards

Essential Questions:

- What does DIN mean? ISO? EN?
- How do DIN, ISO and EN compare to each other?
- How do BN and other article numbers compare?

Standards:

- No specific standard

Lesson Plan:

Engage (30 sec)

- Things change.
- Industry standards shift.
 - DIN standards continue to remain common in Germany, though ISO standards are becoming increasingly prevalent.

Explain (2 min)

- Use standards to ensure that parts are interchangeable
- Abbrev. DIN, ISO and EN refer to issuing body
 - DIN = Deutsches Institut fur Normung (German Institute for Standardisation)
 - ISO = International Standardization Organization (also means “equal” in greek)
 - EN = Europaische Norm (European standard)
- If you see DIN EN, DIN EN ISO, or DIN ISO EN, don't fret, that pretty much just means that the DIN, the ISO, and the EN for that part is ALWAYS the same.
- Though DIN and ISO are the most prevalent standards, there are other standardizing bodies as well including JIS (Japanese Industrial Standardisation) and AFNOR (the french standardizing body and source of NFE standards).
- Furthermore, there are manufacturer specific and distributor specific part numbers, which may or may not originate from DIN or ISO numbers, just with some slight changes during manufacturing or some sort of secondary processing (i.e. to add a certain patch or ensure a certain coating requirement. BN numbers, which are produced by Bossard, are a good example of this.

Extend (30 sec)

- Throughout this Vlog series, we will focus on the specifics of the DIN and ISO standards and may occasionally refer to EN standards.
- Please tune in as we release these Vlogs to learn more about the specific similarities and differences between these standards.
- And, feel free to contact me personally at london@eurolinkfss.com with any questions or, of course, requests for quotes.