

Stainless steel tubes and tube fittings for food processing and hygienic applications

Part 2: Screwed tube couplings

Amendment No. 1

Revised text amendment

Publishing and Approval Dates

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Summary

This Amendment applies to the following elements:

- Preface
- Clauses 1.3, 1.4, 1.10.2, 1.10.2.1 (new), 1.10.2.2 (new), 2.2, 2.3.1, 2.3.2, 2.5.3, 2.5.6, 2.5.7, 2.5.8, 2.5.9, 2.5.10, 2.5.11, 2.5.12 (new)
- Figures 2.1, 2.3, 2.6, 2.7, 2.9, 2.10, 2.11, 2.12, 2.13, 2.14, 2.15 (new) and F.1 (new)
- Appendices A, F (new)

Amendment Details

AS 1528.2:2019 is amended as follows. The amendments should be inserted in the locations as instructed.

Element	Instruction/New text
Preface	After Item (e), <i>add</i> the following: (f) Addition of New Zealand CIP components. (g) Amendment of errors in Figure 2.3 , Figure 2.12 and Figure 2.14 . (h) Introduction of new symbols. (i) Introduction of cross compatibility of RJT welded-type union components.

Element	Instruction/New text
CI 1.3	<i>Delete</i> clause text and <i>replace</i> with the following: For the purpose of this document, the following terms and definitions apply. 1.3.1 cleanable in place CIP assembled fitting capable of being cleaned to a hygienic standard while assembled Note 1 to entry: CIP only cleans the internal product contact surfaces. 1.3.2 cleanable out of place COP assembled fitting that can only be cleaned to a hygienic standard when disassembled Note 1 to entry: COP also enables cleaning of external in addition to internal component surfaces. 1.3.3 may indicates the existence of an option 1.3.4 shall indicates that a statement is mandatory 1.3.5 should indicates a recommendation 1.3.6 union coupling multi-component fitting used to enable ready connection and disconnection of tubes
CI 1.4	<i>Delete</i> “L_8 = overall length of flat faced modified seal” and <i>replace</i> with the following: L_8 = overall length of flat face seal <i>Delete</i> “L_9 = overall length of outer seal area for Australian crevice free seal” and <i>replace</i> with the following: L_9 = overall length of outer seal area for Australian crevice-free and New Zealand CIP seals - After “L_9 = overall length of outer seal area for Australian crevice-free and New Zealand CIP seals” <i>add</i> the following: L_{10} = depth of recess to accept spigot of welded-type male part for Australian crevice-free and New Zealand CIP seals L_{11} = length of compression thickness for Australian crevice-free and New Zealand CIP seals
CI 1.10.2	<i>Delete</i> clause heading and text and <i>replace</i> with the following: 1.10.2 On parts

Element	Instruction/New text
Cl 1.10.2.1 (new)	After Clause 1.10.2, <i>add</i> the following: 1.10.2.1 Stainless steel components Each stainless steel component shall be legibly and indelibly marked with the following information: (a) Manufacturer's batch number. (b) The following identification to differentiate Australian or New Zealand components: (i) Welded-type male parts sizes 101.60 through 152.40 to be marked "AU" or "NZ". (ii) All sizes of welded-type liners to be marked "AU" or "NZ". (c) Grade of stainless steel material. (d) The manufacturer's name, trademark or logo. (e) The number of this Standard, i.e. AS 1528.2. (f) Nominal size of the component. <i>Exception: Where the components are of a size not able to have all of the above marked, the priority is as listed. Where space does not allow for full marking, items may be omitted starting with (f) and working up the list.</i>
Cl 1.10.2.2 (new)	After Clause 1.10.2.1, <i>add</i> the following: 1.10.2.2 Seals Australian crevice-free and New Zealand CIP seals shall be marked with the following information: (a) "AU" for Australian crevice-free seals. (b) "NZ" for New Zealand CIP seals. These markings shall be legible and indelible with a maximum protrusion height of 0.3 mm.
Cl 2.2	<i>Delete</i> clause text and <i>replace</i> with the following: The screwed fittings covered by this Section are two types, i.e. the expanded type and the welded type. For each welded type, the assembly of the component parts is illustrated in Figure 2.1. For a comparison of cross compatible components which can be used in different welded type assemblies, see Appendix F. NOTE: Recommended procedures for fitting the expanded type components to stainless steel tubing are given in Appendix C.
Fig 2.1	<i>Delete</i> figure and <i>replace</i> with the following:

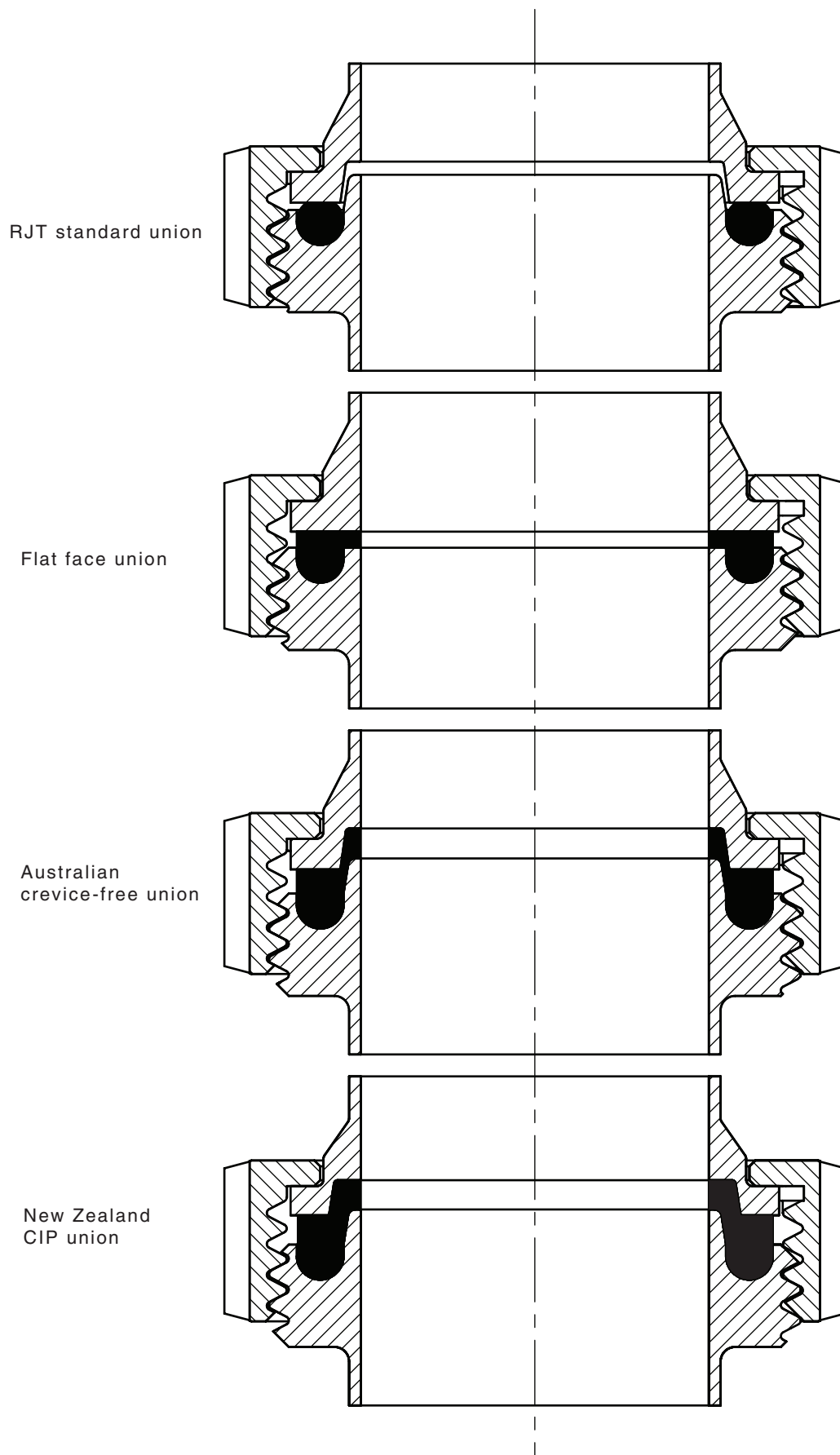


Figure 2.1 — RJT standard union, Flat face union, Australian crevice-free union, and New Zealand CIP union

- Cl 2.3.1** First paragraph, *delete* “[Figures 2.4 to 2.13](#)” and *replace* with “[Figures 2.4 to 2.14](#)”.
- Cl 2.3.2** *Delete* “[Figure 2.14](#)” and *replace* with “[Figure 2.15](#)”.
- Fig 2.3** *Delete* figure and *replace* with the following: