

Renewed Stainless Steel Fittings

KFG2



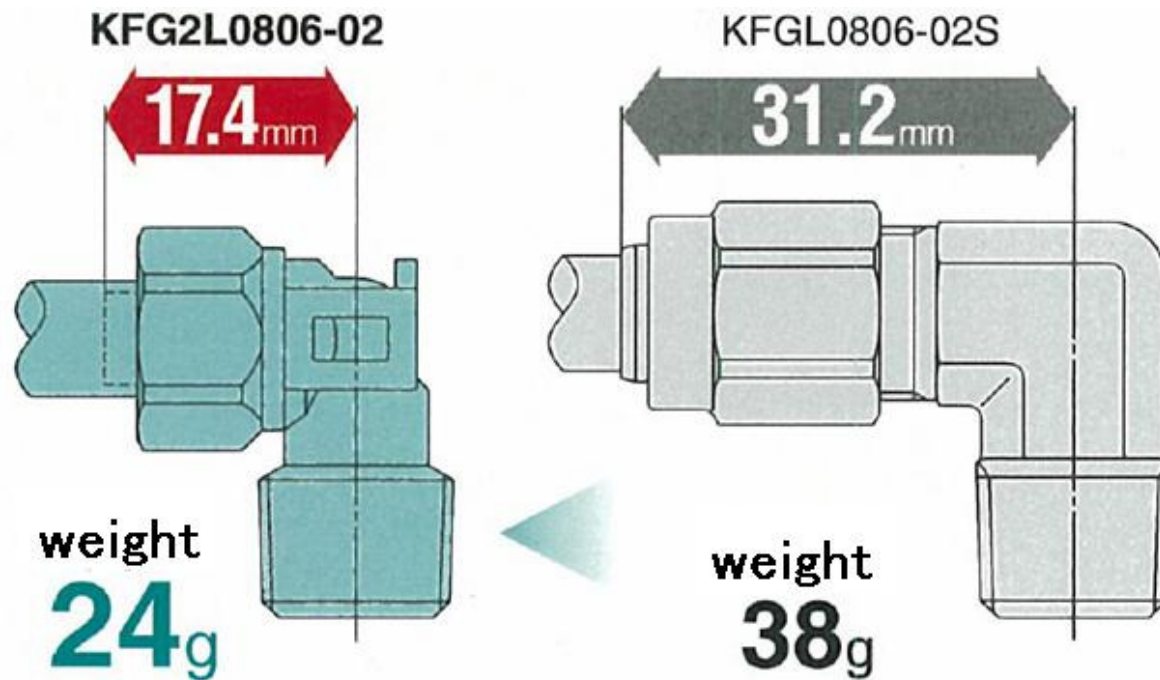
Feature (KFG)

■ Compact / light weight

By changing the machining method (from casting to metal injection molding) and the gripping structure, we have been able to create a more light weight and compact structure.

Comparison with KFG L0806-02S

Dimension: **Reduced by 44%** Weight: **Reduced by 37%**



Feature (KFG)

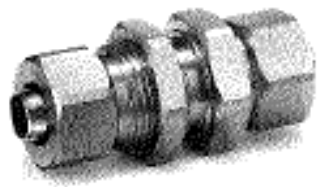
■ Expanded configuration variations

Number of configurations: **From 5 to 9**

Tube size: $\varnothing 16$ and inch sizes have been added

Thread size: Additional NPT threads

Bulkhead union



Elbow



Swivel elbow



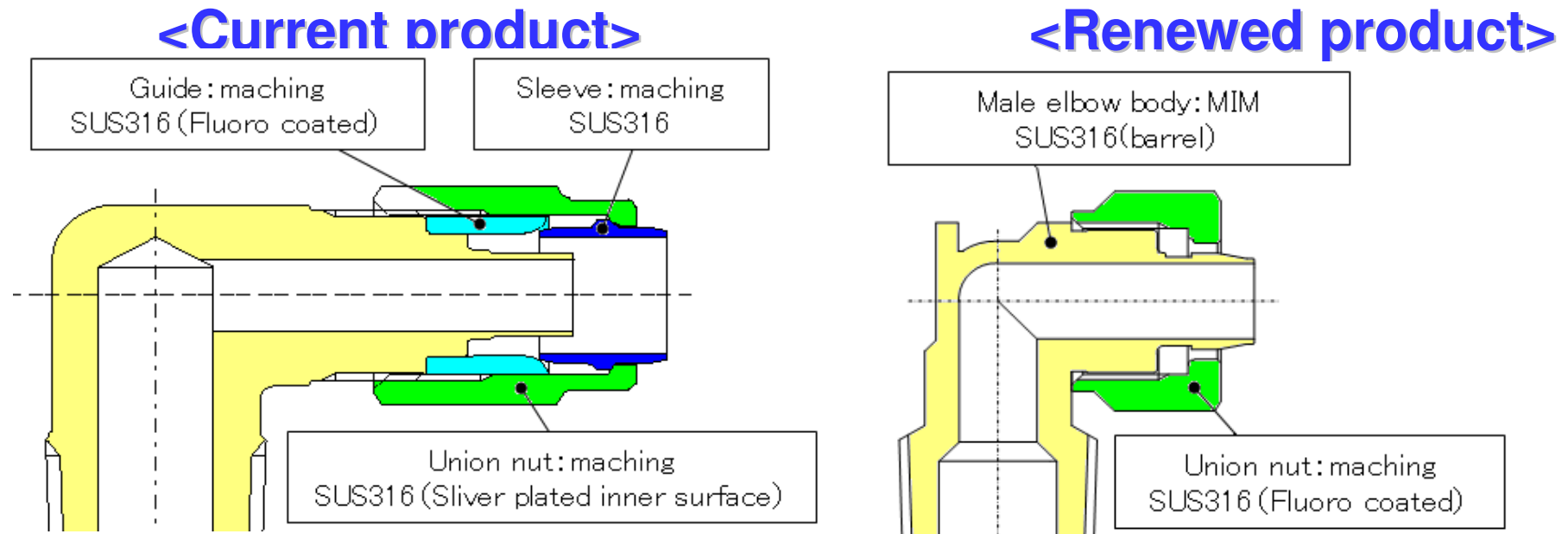
Female union



Feature (KFG)

■ No need to replace parts at maintenance

No need to replace parts at maintenance by changing the sealing structure to sleeve-less.

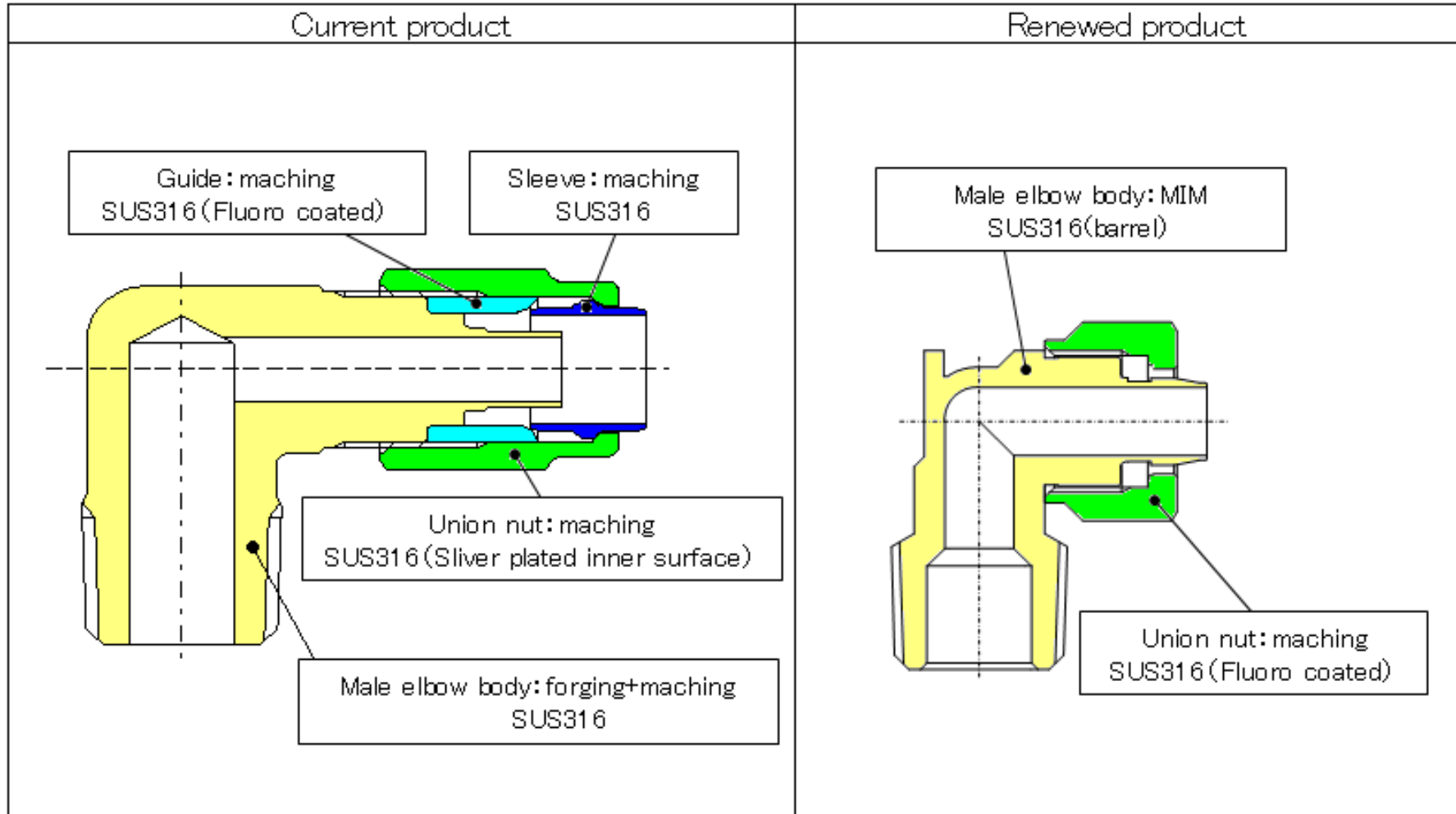


■ Expanded operating temperature range

Seal agent is not applied to the thread : **-65oC to 260oC**

Seal agent is applied to the thread: -5oC to 150oC (same as the current product)

Structure (KFG)



Structure (KFG : sealing part)

	Current product	Renewed product
Structure	<p>Labels: Tube, Sleeve, Union nut, Guide, Body</p> <p>Labels: Before tighten, After tighten</p> <p>Annotation: sleeve transform</p>	<p>Labels: Tube, Union nut, Body</p> <p>Labels: Before tighten, After tighten</p> <p>Annotation: Tube transform</p>
change of structure	Sleeve is transformed by tightening union nut ⇒ seal & hold tube	Tube is transformed by tighten union nut ⇒ seal & hold tube