October 2025

35 MPa Work Support
Notice of Model Change (model TNC→TNE)

Dear Valued Customers,

First of all, thank you very much for your continuous use of our products.
Today, please confirm below about the subject.

Notes

To contribute to the downsizing of equipment for a decarbonized society, we will be implementing a model change for the following product:

1. Model Number

Model Name	Existing Model	New Model
Work Support	TNC□□□3	TNE□□□0

2. Interchangeability with Existing Model

- The support force of the new model has been improved by about 1.5 to 2 times compared to the existing model. When replacing the existing model with the new model, improvements in machining accuracy can be expected.
- The mounting dimensions of the main body are compatible with the existing model. However, please be sure to check the sections marked with an asterisk (*) in the attached 'Changes in Dimensions'. If there are any issues such as interference, please inform our sales representative.

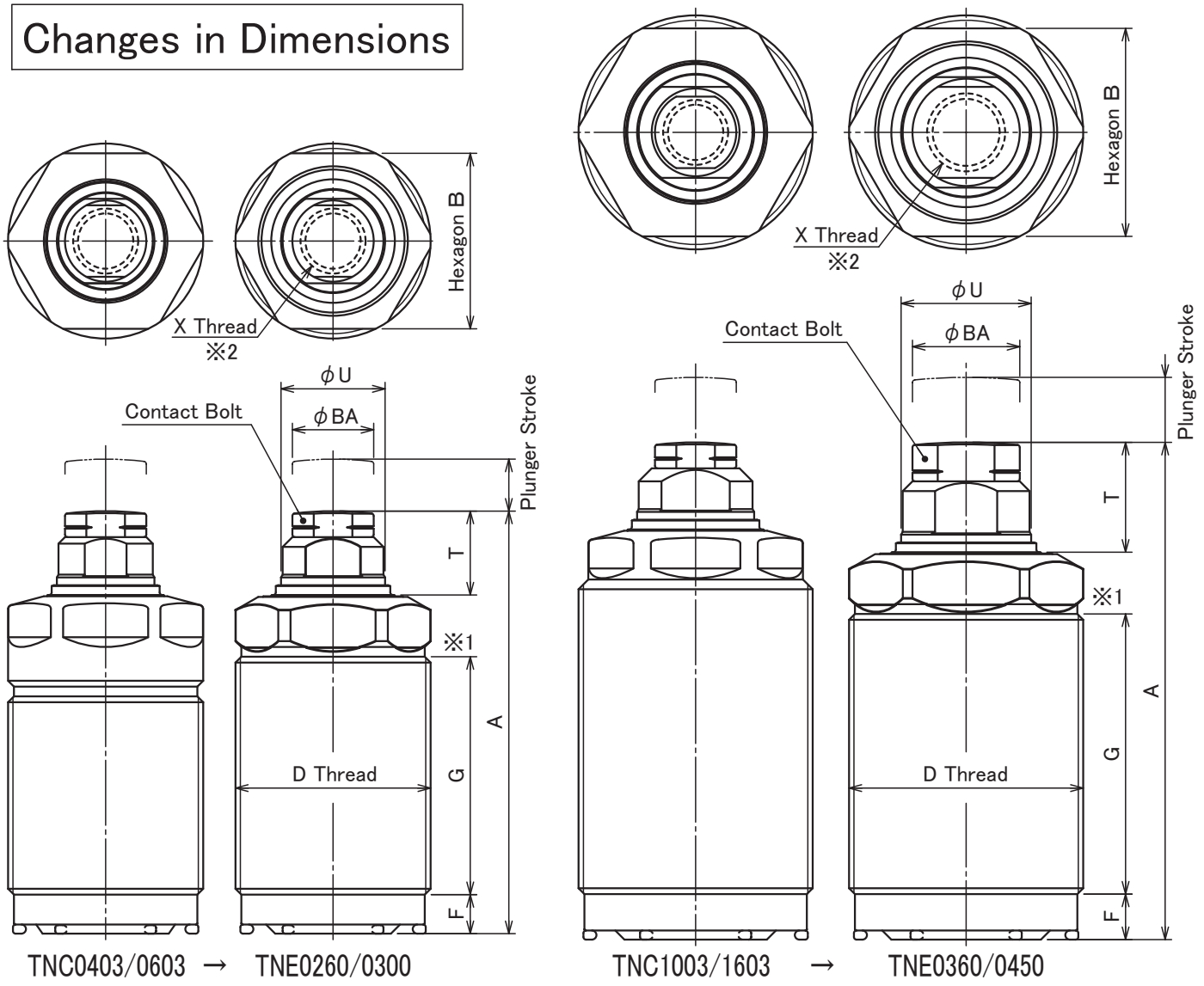
3. Schedule

- The new TNE Work Support is scheduled to be shipped sequentially from the end of December 2025.
- When different sizes or options are ordered in one order, please understand that old and new models may be mixed.
- Please be informed that we will be discontinuing the current TNC Work Support as our inventory is depleted. We appreciate your understanding regarding this matter.

Please consider the new work support in future designs.

Yours Sincerely
KOSMEK LTD.

Changes in Dimensions



(mm)

Model No.	TNC0403 → TNE0260	TNC0603 → TNE0300	TNC1003 → TNE0360	TNC1603 → TNE0450
A	No Changes	No Changes	No Changes	No Changes
B	No Changes	No Changes	30 → 32	36 → 41
D	No Changes(M26 × 1.5)	No Changes(M30 × 1.5)	No Changes(M36 × 1.5)	No Changes(M45 × 1.5)
F	No Changes	No Changes	No Changes	No Changes
G ※1	26.5 → 32.6	30.5 → 36.6	48.4 → 43.1	53.4 → 51.7
T	No Changes	No Changes	13.4 → 16.9	17.9 → 18.8
U	12 → 14	15 → 16	18 → 20	22 → 25
X ※2 (Nominal × Pitch × Depth)	M8 × 1.25 × 12 → M10 × 1.5 × 11	No Changes (M10 × 1.5 × 11)	M10 × 1.5 × 11 → M12 × 1.75 × 13	No Changes (M12 × 1.75 × 13)
BA	11.5 → 12.5	No Changes	12.5 → 16.5	No Changes
Plunger Stroke	No Changes	No Changes	No Changes	No Changes
Plunger Spring Force ※3 L	4.0–5.8N → 5.3–7.8N	4.7–7.8N → 6.6–9.7N	5.8–9.7N → 9.3–14.6N	8.3–14.6N → 11.8–18.6N
Plunger Spring Force ※3 H	5.6–8.0N → 7.0–11.0N	6.2–11.0N → 9.0–13.5N	7.8–13.5N → 12.1–21.9N	10.1–22.0N → 15.4–33.4N
Support Force at 35MPa	4.4kN → 9.4kN	7.1kN → 11.5kN	11.7kN → 17.9kN	16.3kN → 24.8kN
Support Force at 21MPa	2.3kN → 5.2kN	3.8kN → 6.5kN	6.2kN → 10.1kN	8.7kN → 14.0kN
Operating Pressure Range	No Changes(7–35MPa)			

※1.If the mounting hole is deep, ensure that it does not interfere with the upper part of dimension G.

※2.When reusing existing contact bolts, please verify the compatibility of the X thread size.

※3.When using with light or thin workpieces, please verify the suitability of the plunger spring force.