

Date: May, 2021

## **Notice on Discontinuation of H-PVC Plastic Screws/Washers/Nuts “SPVC” and Launch of Successor Products**

Dear Valued Customer,

We hope you are doing well and appreciate your constant business support of NBK.

Today, we would like to inform you that our H-PVC plastic screws/washers/nuts will be discontinued.

With some exceptions, successor (new) products will be available for sale as listed below.

We understand this change may be bothersome but we appreciate your understanding.

### **[Discontinued Products and Successor Products]**

Discontinued Products	Successor (New) Products
Product Name Series Part Number	Product Name Series Part Number
H-PVC Plastic Screws • SPVC-H-IV/GR (Hex Head Bolts) • SPVC-N-IV/GR (Hex Nuts) • SPVC-W-IV/GR (Flat Washers) *IV: Ivory, GR: Gray	H-PVC Plastic Screws • SPPVC-H (Hex Head Bolts) • SPPVC-C (Hex Socket Head Cap Screws) • SPPVC-N (Hex Nuts) • SPPVC-W (Flat Washers) *Only Gray

### **[Discontinuation Date]**

The products will be discontinued as of the last order on January 24th (Mon), 2022.

### **[Successor (New) Products Release Date]**



The new products will be released on January 25th (Tue), 2022.

For a comparison table of the differences and part numbers of the discontinued and successor products, as well as legislation concerning the successor products, please see the following page on.

For pricing and other product-related information, please check our website after the release date of the new products.

Please note that we will not accept returns/exchanges as a result of this discontinuation.

**[Differences Between the Discontinued Products and Successor Products]**

		Discontinued Products	Successor (New) Products
Appearance			
Material		H-PVC (Hard Polyvinyl Chloride)	H-PVC (Hard Polyvinyl Chloride)
External Color		Ivory/Gray	Gray
Heat Resistance Temperature		35°C	60°C
Tensile Breaking Load (N) *Only Bolts	M3	-	225
	M4	200	425
	M5	400	683
	M6	670	950
	M8	-	1,751
	M10	-	2,793
	M12	-	3,959
Torsional Torque (N.m) *Only Bolts	M3	-	0.15
	M4	-	0.34
	M5	-	0.62
	M6	-	0.98
	M8	-	2.36
	M10	-	4.77
	M12	-	8.25

\*Applicable to hex head bolts and hex socket head caps crews.

\*Values in chart are for reference only. They are not guaranteed values. The recommended tightening torque is 50% of the torsional torque.

Chemical Resistance	Discontinued Products	Successor (New) Products
10% Hydrochloric Acid	○	○
10% Sulfuric Acid	○	○
50% Sulfuric Acid	○	-
10% Nitric Acid	○	○
50% Nitric Acid	△	-
10% Hydrofluoric Acid	△	-
50% Hydrofluoric Acid	△	-
Phosphoric Acid	○	○



Couplings, Screws, Clampers

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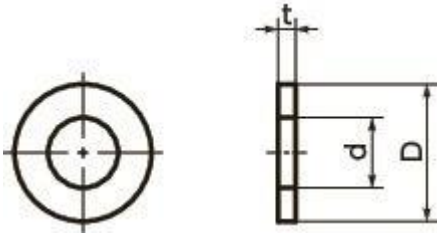
Formic Acid	△	△
Acetic Acid	○	-
Citric Acid	○	○
Chromic Acid	○	○
Boric Acid	○	○
Methyl Alcohol	○	○
Glycol	-	-
Ammonia	○	○
10% Sodium Hydroxide	○	○
10% Potassium Hydroxide	○	○
Calcium Hydroxide	○	○
Water	○	○
Hydrogen Sulfide (gas)	-	-
Sulfur Dioxide	-	-
Ammonium Nitrate	-	-
Sodium Nitrate	-	-
Calcium Carbonate	-	-
Calcium Chloride	○	○
Magnesium Chloride	○	○
Magnesium Sulfate	-	-
Zinc Sulfate	-	-
Hydrogen Peroxide	○	○

○: Available    △: Available depending on conditions    ×: Not available    -: No data

\*This is test data with a specimen used at room temperature (23°C). Chemical resistance changes with performance conditions. Always carry out tests under performance conditions similar to actual conditions in advance.

**[Difference in Washer Dimensions]**

Unit: mm

Dimension Figure						
						
Nominal Inner Diameter	D		d		t	
	Discontinued Products	New Products	Discontinued Products	New Products	Discontinued Products	New Products
4	9	10	4.3	4.2	0.8	1
5	10	12	5.3	5.2	1	No change
6	12.5	13	6.4	6.2	1.6	1.5

**\*For products other than the above, there is no difference in the catalog listed dimensions between the discontinued products and the successor products.**

**[Comparison Table of Discontinued Products and Successor (New) Products]**

**Hex Head Bolts**

Nominal of Thread	Discontinued Product Part Number	Successor Product (New Product) Part Number
M4	SPVC-M4-10-H-IV/GR	SPPVC-M4-10-H
	SPVC-M4-12-H-IV/GR	SPPVC-M4-12-H
	-	SPPVC-M4-15-H
	SPVC-M4-16-H-IV/GR	-
	SPVC-M4-20-H-IV/GR	SPPVC-M4-20-H
	SPVC-M4-25-H-IV/GR	SPPVC-M4-25-H
	SPVC-M4-30-H-IV/GR	-
	SPVC-M4-35-H-IV/GR	-
M5	SPVC-M5-10-H-IV/GR	SPPVC-M5-10-H
	SPVC-M5-12-H-IV/GR	SPPVC-M5-12-H
	-	SPPVC-M5-15-H
	SPVC-M5-16-H-IV/GR	-
	SPVC-M5-20-H-IV/GR	SPPVC-M5-20-H
	SPVC-M5-25-H-IV/GR	SPPVC-M5-25-H
	SPVC-M5-30-H-IV/GR	SPPVC-M5-30-H
	SPVC-M5-35-H-IV/GR	SPPVC-M5-35-H
	SPVC-M5-40-H-IV/GR	-

M6	SPVC-M6-10-H-IV/GR	SPPVC-M6-10-H
	SPVC-M6-12-H-IV/GR	SPPVC-M6-12-H
	-	SPPVC-M6-15-H
	SPVC-M6-16-H-IV/GR	SPPVC-M6-16-H
	SPVC-M6-20-H-IV/GR	SPPVC-M6-20-H
	SPVC-M6-25-H-IV/GR	SPPVC-M6-25-H
	SPVC-M6-30-H-IV/GR	SPPVC-M6-30-H
	SPVC-M6-35-H-IV/GR	SPPVC-M6-35-H
	SPVC-M6-40-H-IV/GR	SPPVC-M6-40-H
	SPVC-M6-50-H-IV/GR	-
M8	-	SPPVC-M8-10-H
	-	SPPVC-M8-20-H
	-	SPPVC-M8-25-H
	-	SPPVC-M8-30-H
	-	SPPVC-M8-35-H
	-	SPPVC-M8-40-H
	-	SPPVC-M8-50-H
M10	-	SPPVC-M10-15-H
	-	SPPVC-M10-20-H
	-	SPPVC-M10-25-H
	-	SPPVC-M10-30-H
	-	SPPVC-M10-35-H
	-	SPPVC-M10-40-H
	-	SPPVC-M10-50-H
M12	-	SPPVC-M12-25-H
	-	SPPVC-M12-30-H
	-	SPPVC-M12-35-H
	-	SPPVC-M12-40-H
	-	SPPVC-M12-45-H
	-	SPPVC-M12-50-H
	-	SPPVC-M12-55-H
	-	SPPVC-M12-60-H
	-	SPPVC-M12-65-H
	-	SPPVC-M12-70-H

## Hex Nuts

Nominal of Thread	Discontinued Product Part Number	Successor Product (New Product) Part Number
M3	-	SPPVC-M3-N
M4	SPVC-M4-N-IV/GR	SPPVC-M4-N
M5	SPVC-M5-N-IV/GR	SPPVC-M5-N
M6	SPVC-M6-N-IV/GR	SPPVC-M6-N
M8	-	SPPVC-M8-N
M10	-	SPPVC-M10-N
M12	-	SPPVC-M12-N

## Flat Washer

Nominal	Discontinued Product Part Number	Successor Product (New Product) Part Number
3	-	SPPVC-3-W
4	SPVC-4-W-IV/GR	SPPVC-4-W
5	SPVC-5-W-IV/GR	SPPVC-5-W
6	SPVC-6-W-IV/GR	SPPVC-6-W
8	-	SPPVC-8-W
10	-	SPPVC-10-W
12	-	SPPVC-12-W

**Hex Socket Head Cap Screws** \*These are brand new products that we have not owned in the past, thus not showing Discontinued Product Part Number.

Nominal of Thread	New Product Part Number
M3	SPPVC-M3-8-C
	SPPVC-M3-10-C
	SPPVC-M3-12-C
	SPPVC-M3-15-C
	SPPVC-M3-20-C
	SPPVC-M3-25-C

M4	SPPVC-M4-8-C
	SPPVC-M4-10-C
	SPPVC-M4-12-C
	SPPVC-M4-15-C
	SPPVC-M4-20-C
	SPPVC-M4-25-C
M5	SPPVC-M5-10-C
	SPPVC-M5-12-C
	SPPVC-M5-15-C
	SPPVC-M5-20-C
	SPPVC-M5-25-C
	SPPVC-M5-30-C
M6	SPPVC-M5-35-C
	SPPVC-M6-10-C
	SPPVC-M6-12-C
	SPPVC-M6-15-C
	SPPVC-M6-20-C
	SPPVC-M6-25-C
	SPPVC-M6-30-C
M8	SPPVC-M6-35-C
	SPPVC-M6-40-C
	SPPVC-M8-12-C
	SPPVC-M8-15-C
	SPPVC-M8-20-C
	SPPVC-M8-25-C
	SPPVC-M8-30-C
	SPPVC-M8-35-C
	SPPVC-M8-40-C

**[Legislation concerning Successor Products]**

1. As with the discontinued products, they conform to RoHS2.
2. The “SPPVC-\*-H” series, “SPPVC-\*-C” series, and “SPPVC-\*-N” series contain 1.32% methyltin mercaptide CAS# 57583-35-4 and 0.42% methyltin tris CAS #57583-34-3, as regulated by REACH Annex XVII.
3. The “SPPVC-\*-W” series, excluding “SPPVC-6-W” and “SPPVC-8-W,” contains 1.6% DBT (dibutyltin compounds) CAS #78-04-6, as regulated by REACH Annex XVII.

Thank you for your understanding.

Please do not hesitate to contact us at [info.us@nbk1560.com](mailto:info.us@nbk1560.com), if you have any questions.

Sincerely yours,

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