

# VPP Compact High Temperature. Handling hot connections.



INTRODUCTION

# High temperatures, high demands.

Shaking, bending and heating to extreme temperatures. Vehicles are demanding. You need a reliable connection to take on the forces inside a modern engine.

VPP Compact High Temperature is built to resist what comes in its way. The V-Profile clamp connection is securing the exhaust gas flow. Handling even the highest temperature connections in modern gasoline engines.

## The advantages at a glance

**VPP Compact High Temperature** is a great asset for most modern engines. Here is why.

- ✓ **Handling 900°C clamp surface temperature.** Developed for high temperature applications.
- ✓ **High axial clamping force.** Suitable for bigger loads.
- ✓ **Easy to assemble.** Pre-engaged bolt and nut system.

## A complete solution

With VPP Compact High Temperature you are not only getting a strong and high-performing V-Profile clamp connection. You get access to our vast expertise on V-Clamp connections.

We are offering everything from concept, design and prototypes – to simulation, testing, validation and global manufacturing.

## Main applications

- Manifold turbocharger.
- Catalyst turbocharger.
- Manifold and turbo connections.

## Internal Profile Diameters available:

Ø 98 mm (Other sizes upon request).

## Materials

| W1 | W2 | W3 | W4 | W5 |
|----|----|----|----|----|
|    |    |    |    | X  |

Other material on request.

## HOW IT WORKS



**1** Hexagon head screw/washer

**2** Head support

**3** Washer

**4** Nut

**5** Single-piece V-profile

# Learn more about VPP Compact High Temperature.



Visit

[normagroup.com/VPP-HT](https://normagroup.com/VPP-HT)



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Do you have questions or require a personal consultation?

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