

# NORMACONNECT® V-Profile Clamps

High performance clamps for automotive applications



**The better connection**

**guaranteed**

# NORMACONNECT® V-Profile Clamps



Our V-Profile Inserts are designed to secure flanged connections in automotive applications together. The clamps are available in a variety of diameters, widths and closure types. Our high quality V-Profile Clamps are designed for Diesel and Gasoline internal combustion engine (ICE) in passenger cars, light and heavy commercial vehicles.



Air Intake & Induction



Exhaust Systems



Cooling Systems



Fuel & Oil Systems



Turbocharger Installations



Fixing & Retaining

## Applications

V-Profile clamps are used as original equipment in **turbocharger to catalytic converter** and **diesel particulate filter** connections in passenger cars as well as light and heavy CVs.

## Advantages at a glance

- ✓ Fast and reliable assembly, saving time and money
- ✓ Easy handling with profile clamps requiring only one bolt for a secure joint
- ✓ OE parts used by 90% of all European car manufacturers
- ✓ Best value at competitive prices
- ✓ Extreme temperature resistance up to 1050 °C
- ✓ High corrosion resistance

## Which V-Profile Clamps are there?

Our V-Profile products can be divided into two groups:



**VPP profile clamps** are the standard for multi-charged gasoline engines (e.g. turbo) and withstand extreme exhaust gas temperatures of up to 1,050 °C.



**V-Band clamps** are ideal for applications in which the exhaust gas temperature range is up to 650 °C - for example, in diesel engines and heavy-duty vehicles.

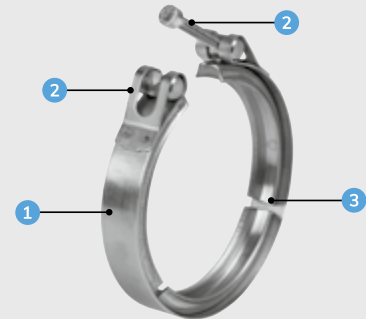
We offer a broad range of V-Profile Clamp flange diameters, from 63.5 mm to the 89 mm.

# NORMACONNECT® V-QRC / V-STC

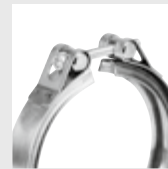
The **NORMACONNECT®** V-QRC and V-STC are Band Clamps with V-Profile Inserts. V-QRC comes with a unique quick release closure for rapid assembly while V-STC supports higher tightening torque. Both V-QRC and V-STC clamps are used in different segments of exhaust systems as well as turbocharger installations and offer excellent corrosion resistance properties.

## Advantages at a glance

- ✓ Quick Release Closure (QRC) for rapid, single-handed clamp assembly
- ✓ Straight Trunnion Closure (STC) for higher tightening torque applications
- ✓ Significantly shorter installation time compared to bolted flanges
- ✓ Captive closure components, no separate nuts and bolts
- ✓ Adaptable to flanges with wider tolerances compared to VPP Clamps
- ✓ Made from W4 Stainless Steel, excellent corrosion resistance properties
- ✓ Available up to diameter 300 mm
- ✓ Operating Temperature up to 650 °C



- 1 Cover band** - optimum distribution of clamping forces
- 2 Closure**
- 3 3 profile segments** - ease of assembly



The STC-type closure is a cost effective alternative to conventional T-bolt closures.

# NORMACONNECT® VPP Bridge

The **NORMACONNECT®** VPP Bridge is a high performance profile clamp designed to withstand extreme gas temperatures of up to 1050 °C. It is designed for easy and quick installation and high clamping forces. It is used in different segments of exhaust systems as well as turbocharger installations. A typical application are petrol ICE turbocharger connections.

## Advantages at a glance

- ✓ Can operate at very high gas temperatures, up to 1050 °C
- ✓ Quick and easy installation due to spring bridge
- ✓ Movable swivel nut ensures ease of assembly
- ✓ Minimum installation space required
- ✓ Tight flange tolerances required – clamps are usually used in line with machined flanges
- ✓ Made from W5 Stainless Steel, highest corrosion resistance properties



- 1 Closure head support**  
- Ensures secure tightening
- 2 Movable swivel nut**  
- Ensures movement of nut along the screw axis leading to less tolerance influences during tightening
- 3 Spring steel bridge**  
- For quick and easy installation

# NORMACONNECT® VPP Bridge

| Part number   | Description    | OEM Name | OEM Reference   | Passenger car / Truck |
|---------------|----------------|----------|-----------------|-----------------------|
| 0168 0000 079 | VPP Bridge 079 | VW       | 05L 131 455     | Passenger Car         |
| 0168 0000 083 | VPP Bridge 083 | Renault  | 208 255 230 R   | Passenger Car         |
| 0168 1000 086 | VPP Bridge 086 | Nissan   | 14464-5CB0A     | Passenger Car         |
| 0168 0000 094 | VPP Bridge 094 | Daimler  | A 000 995 35 33 | Passenger Car         |
| 0168 0000 096 | VPP Bridge 096 | VW       | 5Q0 253 725 D   | Passenger Car         |
| 0168 0000 098 | VPP Bridge 098 | GM       | 55565351        | Passenger Car         |
| 0168 1000 101 | VPP Bridge 101 | GM       | 12643268        | Passenger Car         |
| 0168 0000 107 | VPP Bridge 107 | VW       | 5Q0 253 725 C   | Passenger Car         |
| 0168 1000 113 | VPP Bridge 113 | Volvo    | 31697966        | Passenger Car         |
| 0168 1000 120 | VPP Bridge 120 | JLR      | JX73-9K424-AA   | Passenger Car         |
| 0168 1000 138 | VPP Bridge 138 | JLR      | KPLA-9K424-AA1  | Passenger Car         |

# NORMACONNECT® V-QRC / V-STC

| Part number                                       | Description        | OEM Name                                    | OEM Reference          | Passenger car / Truck |
|---|--------------------|---|------------------------|-----------------------|
| NORMACONNECT® V-QRC                               |                    |   |                        |                       |
| 0633 0580 077                                     | V-QRC 077 096      | Scania                                      | 1 439 822              | Truck                 |
| 0633 0578 077                                     | V-QRC 077 869      | MAN   | 51.97445-0076          | Truck                 |
| 0633 1579 080                                     | V-QRC 080 897      | Volkswagen                                  | 1K0 253 725 B          | Passenger Car         |
| 0633 0577 080                                     | V-QRC 080 2-0121   | Volkswagen AG, Audi AG                      | 04L 253 725 B          | Passenger Car         |
| 0633 2633 082                                     | V-QRC 082 0885     | Volvo<br>Renault                            | 20592787<br>7420592787 | Truck                 |
| 0633 1576 085                                     | V-QRC 085 908      | DAF Trucks N.V.                             | 1696 140               | Truck                 |
| 0633 1575 097                                     | V-QRC 097 099      | Scania                                      | 1 439 825              | Truck                 |
| 0633 3633 098                                     | V-QRC 098 917      | Volkswagen AG                               | 2H0 253 725            | Passenger Car         |
| 0633 1574 103                                     | V-QRC 103 097      | Scania                                      | 1 445 398              | Truck                 |
| 0633 2633 108                                     | V-QRC 108 0884     | Volvo                                       | 20592783               | Truck                 |
| 0633 4633 112                                     | V-QRC 112 015/P    | Evobus GmbH                                 | A 001 995 32 02        | Truck                 |
| 0633 2633 115                                     | V-QRC 115 933      | Volkswagen AG, Audi AG                      | 04L 131 455 A          | Passenger Car         |
| 0633 0571 124                                     | V-QRC 124 094      | Scania                                      | 1 431 701              | Truck                 |
| 0633 4633 131                                     | V-QRC 131 110/N4   | Volvo Powertrain Corp                       | 22576146               | Truck                 |
| 0633 4633 135                                     | V-QRC 135 015/P    | Iveco                                       | 5801478451             | Truck                 |
| 0633 1633 143                                     | V-QRC 143 101.D4   | Volkswagen AG, Seat S.A., Audi AG           | 8J0 253 460            | Passenger Car         |
| 0633 4633 145                                     | V-QRC 145 015/P    | Daimler AG                                  | A 000 995 83 02        | Truck                 |
| 0633 4633 146                                     | V-QRC 146/25-N4-W4 | Scania CV AB                                | 1863832                | Truck                 |
| 0633 0572 152                                     | V-QRC 152 009      | Volvo                                       | 21029030               | Truck                 |
| 0633 1633 152                                     | V-QRC 152 124/B5   | Volkswagen AG, Porsche AG, Audi AG, Bentley | 8W0 253 725            | Passenger Car         |
| 0633 4633 155                                     | V-QRC 155 015/P    | DAF Trucks N.V.                             | 1790342                | Truck                 |
| 0633 2633 179                                     | V-QRC 179 101 D4   | Cummins                                     | Q67710                 | Truck                 |
| 0633 1633 185                                     | V-QRC 185 124/B5   | Volkswagen AG, Porsche AG, Audi AG, Bentley | 8W0 253 725 A          | Passenger Car         |
| 0632 4632 317                                     | V-QRC 317          | Tenneco GmbH                                | 82406297               | Passenger Car         |
| NORMACONNECT® V-STC (with solid trunnion closure) |                    |   |                        |                       |
| 0632 2632 219                                     | V-STC 219 101      | Scania CV AB                                | 6325535                | Truck                 |
| 0632 4632 404                                     | V-STC 404 P 015    | MAN   | 11.54686-0029          | Truck                 |

## Why replace V-Profile clamps?

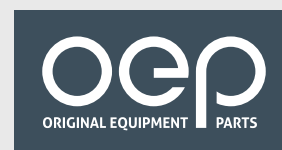
Due to thermodynamic processes during vehicle operation, clamps adapt to the flange of the manifold, turbocharger, or exhaust pipe. When clamps are dismantled and these components are exchanged, vehicle manufacturers recommend replacing the V-profile clamp and gaskets as well to ensure optimal tightness and accuracy of fit.



## Why V-Profile clamps from NORMA?

**The reason:** In contrast to bolted flange connections, our V-Profile clamps can be installed and removed quickly. Only one screw needs to be tightened for a secure flange connection, saving time and money with every installation. In addition to this, every NORMA stainless steel profile clamp is resistant to corrosion and extreme temperatures. This makes them reliable and durable. All NORMA connections are perfectly adapted to the flange and tested against OEM specifications for tightness and durability.

**OE Quality:** Our original equipment manufacturer (OE) quality makes the difference in terms of tightness, temperature resistance and service life. With over 90% of European car manufacturers relying on NORMA products, our extensive database of OE references ensures the best fit and quality for the automotive aftermarket.



**TecDoc Data:** Our NORMA Automotive Aftermarket Portfolio can be found in the TecDoc parts catalog. Due to our high data quality, we have been recognized by TecAlliance as a 'Premier Data Supplier'.



# The better connection guaranteed

**Innovative, original-quality joining solutions** – With more than 27,000 vehicle parts, NORMA Group provides garages with an unparalleled range of joining technology supplied by leading distributors. As an OE supplier to the automotive industry, we know what matters – be it charge air intakes, cooling systems, fuel and oil systems, exhaust systems, turbo charger connections or universal fixings. Superior quality in every detail. No compromise.

**Discover more: [norma-aftermarket.com](https://norma-aftermarket.com)**

## Notes

---

---

---

---

---

---

---



### Do you have questions or require a personal consultation?

Feel free to contact our Automotive Aftermarket Team! Hotline +44 1635 574 005

Visit our website for more information about our Automotive Aftermarket products: [norma-aftermarket.com](https://norma-aftermarket.com)

