

NORMACONNECT® V-Profile Clamps

High performance clamps for automotive applications



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.

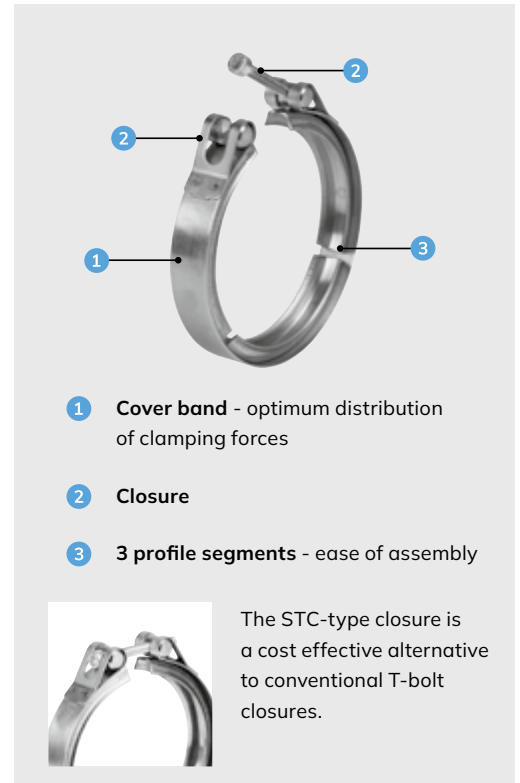
We offer a broad range of V-Profile Clamp flange diameters, from 63.5 mm to the 89 mm.

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

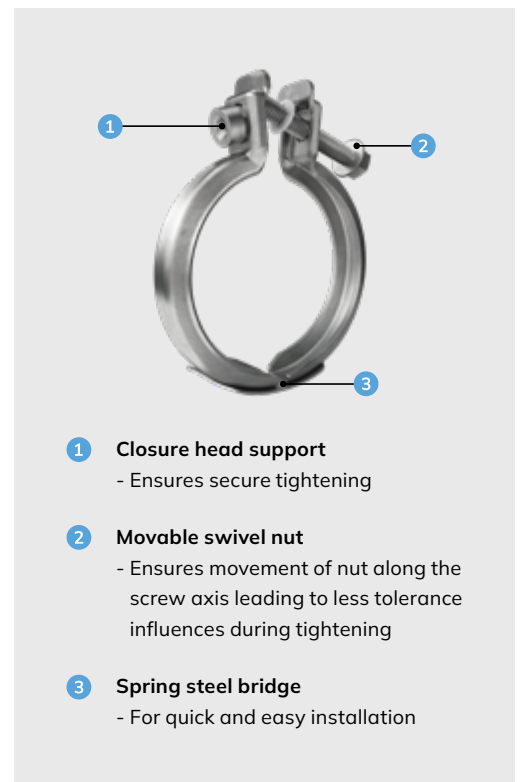


NORMACONNECT® VPP

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



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 Renault	20592787 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?

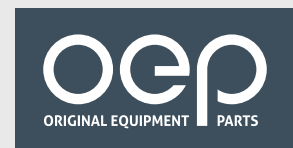
Due to thermodynamic processes during vehicle operation, clamps adapt to the flange of the manifold, turbocharger, or exhaust pipe. When clamps are dismantled and these components are exchanged, vehicle manufacturers recommend replacing the V-profile clamp and gaskets as well to ensure optimal tightness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



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





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

Notes
