Zintek® 200 + Zintek® Top LV

One coating system for multiple OEM standards

General Metal Finishing | Zinc flake technology | atotech.com

MKS' Atotech universal zinc flake solution for demanding automotive requirements

One system for VDA* related specifications

MKS' Atotech Zintek® 200 base coat used together with Zintek® Top LV top coat is a exceptional process combination for the automotive industry, fulfilling several automotive OEM specifications. The zinc flake coating system meets the complex CoF requirements requested by MBN 10544, VW 01131 and VDA 235-203. Those specifications require demanding multiple-mounting and heat-loosening properties, which are fully achieved by the zinc flake coating combination, even under different environmental conditions (e.g. humidity and temperature).

The zinc flake system Zintek® 200 + Zintek® Top LV has been approved for Volkswagen TL 245 and accepted by Mercedes-Benz for the DBL 9440 standard due to its excellent corrosion protection and exceptional CoF properties.

*Verband der Automobilindustrie | German Association of the Automotive Industry

Features of Zintek® 200 + Zintek® Top LV

- Excellent corrosion protection in NSST (≥ 1,000 h), outstanding delay of white corrosion formation
- Attractive silver look and dry-to-touch
- Controlled coefficient of friction acc. to MBN 10544, VW 01131 and VDA 235-203 also after multiple mounting against different washer materials
- Exhibits excellent heat-loosening properties acc. to Volkswagen and Mercedes-Benz
- Approved for Volkswagen TL 245, Ofl-t647 standard and accepted by Mercedes-Benz for DBL 9440.40 / .60

High quality results in corrosion testing (NSST acc. ISO 9227)

Zintek® 200 + Zintek® Top LV exhibits high-quality results in corrosion testing even with prior thermal pre-conditioning for 96 hours at a temperature of 180 °C, a test typically required by members of the German Association of the Automotive Industry (VDA).

0 h

720 h

1,008 h

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The best silver finish for automotive fasteners

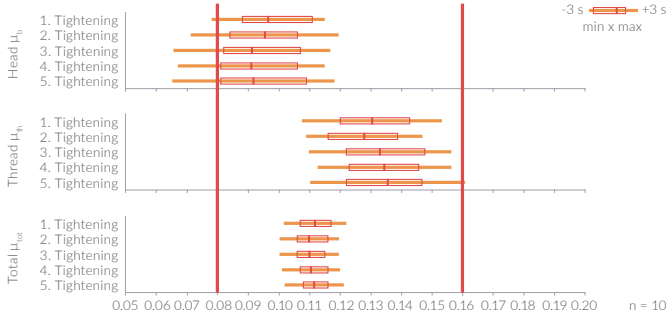
Coefficient of friction according to VW 01131 and MBN 10544

Both, VW 01131 and MBN 10544 coefficient of friction standards, require challenging properties: coefficient of friction window, multiple mounting against different washer materials and the prevention of heat-loosening. With Zintek® 200 + Zintek® Top LV, MKS' Atotech offers a coating system for a very wide range of fasteners, meeting all the demanding requirements of VW 01131 and MBN 10544 specifications.

VW 01131

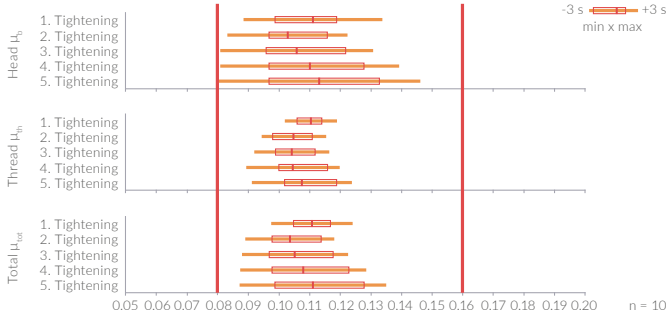
Results against steel washers

M6x55 – 10.9 with integrated washer



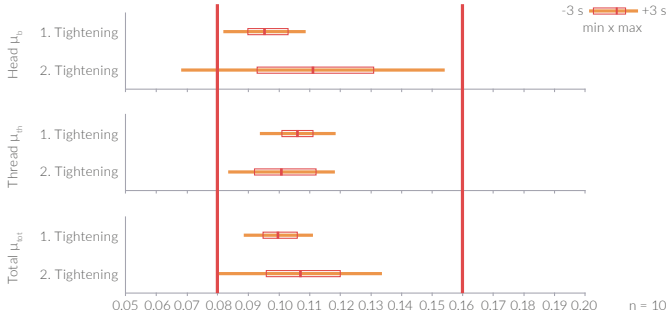
Results against e-coat washers

M10x60 – 10.9



Results against aluminum washers

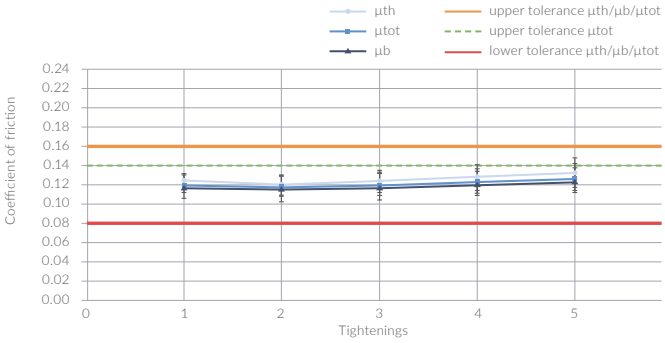
M10x60 – 10.9



MBN 10544

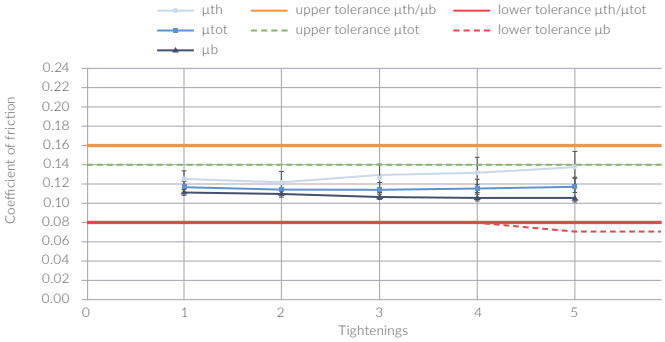
Results against steel washers

M6x60 – 10.9



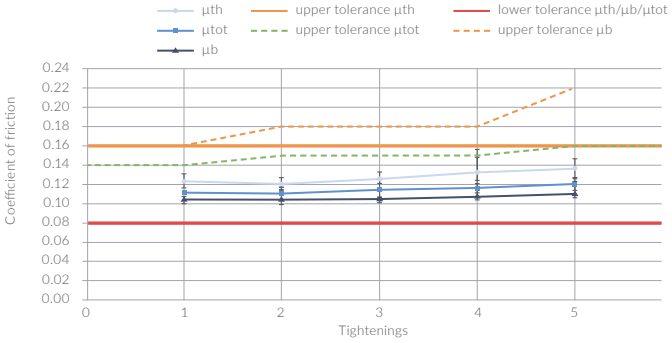
Results against e-coat washers

M6x60 – 10.9



Results against aluminum washers

M6x60 – 10.9



Atotech an MKS Brand

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