SWS HARDWARE

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Blum Clip Top Hinge - 155° - Nil Protrusion Overlay Unsprung - Onyx Black - Inserta

Variant code: 70T7590.TL-OB

Blum CLIP top Hinge - 155° Nil Protrusion Overlay Unsprung - Onyx Black is designed for cabinet installations requiring a wide door opening angle while ensuring the door does not protrude into the cabinet interior when fully opened. As part of the **Blum CLIP top hinge system**, this hinge delivers reliable performance and precise adjustment while allowing the door to move freely. The **unsprung hinge mechanism** makes it suitable for cabinetry using push-to-open mechanisms or external closing systems where hinge spring tension is not required.

The hinge provides a **155° wide opening angle**, allowing excellent access to cabinet interiors and making it particularly suitable for cabinets fitted with internal drawers or pull-out storage systems. The **nil protrusion hinge design** ensures the door clears the cabinet interior when fully opened, preventing interference with internal fittings. Designed for **overlay cabinet door applications**, the final overlay position is determined by the selected mounting plate, allowing flexibility across different cabinet constructions.

The hinge clips securely onto compatible Blum mounting plates using the **tool-free CLIP top system**, enabling quick installation and easy removal during cabinet adjustment or maintenance. Integrated **three-dimensional adjustment** allows precise vertical, lateral and depth positioning to achieve accurate door alignment and consistent door gaps.

This variant uses **Inserta boss fixing**, allowing rapid installation into pre-drilled hinge cup holes using integrated expansion dowels. The Inserta fixing system eliminates the need for screws while ensuring secure hinge retention within the cabinet door. Manufactured from durable steel and finished in **Onyx Black**, the hinge supports coordinated dark hardware schemes commonly specified in contemporary cabinetry while maintaining corrosion resistance and long-term durability.

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Product Features

- **155° wide opening angle** for enhanced cabinet access
- **Nil protrusion hinge design** to prevent interference with cabinet interiors
- **Unsprung hinge mechanism** allowing free door movement
- Designed for **overlay cabinet door applications**
- **Inserta boss fixing with expansion dowels**
- Durable **Onyx Black finish**
- Part of the **Blum CLIP top hinge system**
- **Tool-free CLIP hinge attachment**
- **Three-dimensional adjustment capability**

Product Benefits

- Provides improved access to cabinet interiors
- Prevents door interference with **internal drawers or pull-out systems**
- Suitable for cabinets using **push-to-open or external closing systems**
- Enables **fast hinge installation without screws**
- Allows precise door alignment and consistent reveals
- Coordinates visually with **modern dark cabinetry hardware**

Technical Characteristics

- Requires compatible **Blum CLIP top mounting plates**
- Designed for **overlay cabinet door construction**

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- **Inserta boss fixing requires accurate hinge cup drilling preparation**
- Adjustable vertically, laterally and in depth
- Steel hinge construction with **Onyx Black protective finish**
- Correct hinge and mounting plate pairing ensures optimal door performance

Applications

This hinge is intended for **overlay cabinet door installations** where wide opening access and internal clearance are required. The **155° nil protrusion design** allows the door to open fully without obstructing internal drawers, pull-out systems or storage accessories. The **unsprung hinge mechanism** makes it suitable for cabinets using push-to-open systems or external closing devices, while the **Onyx Black finish** supports contemporary cabinetry schemes requiring coordinated dark hardware.

Property	Value
Finish	Onyx Black
Opening angle (°)	155
Application	Overlay
Boss	Inserta
Closing Mechanism	Unsprung
Boss Drilling Depth (mm)	11.7
Max Door Thickness (mm)	31
Hinge Type	Wide angle