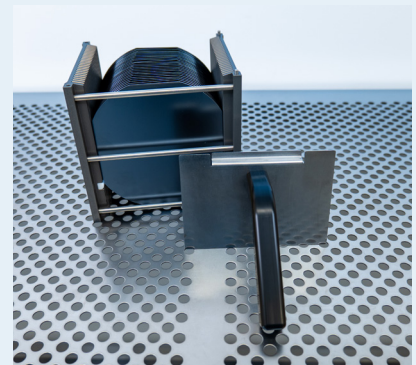
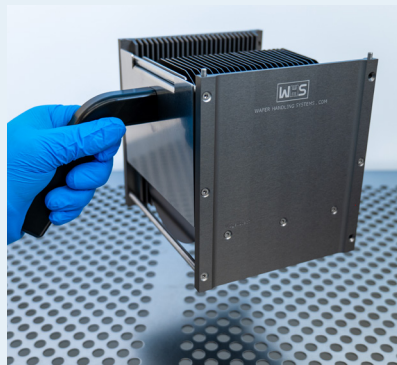
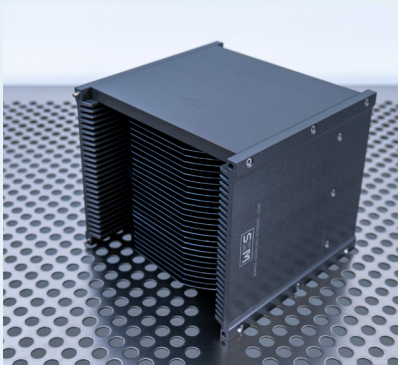
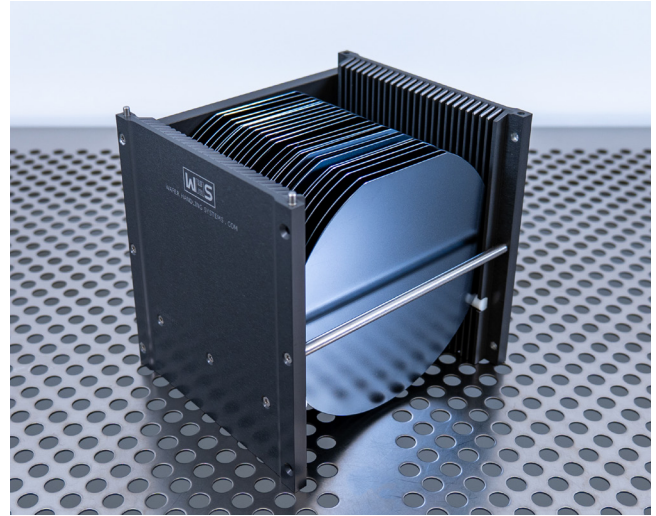


ALUMINUM LEGACY METAL CASSETTE

The WHS-M2 series is a 25-slot, all-aluminum metal cassette designed for processing semiconductor wafers in thermal environments up to 250°C. Based on legacy cassette designs commonly used in semiconductor OEM equipment from the 1980s to 2000s, the WHS-M2 is ideal for modern thermal applications, including chemical vapor deposition (CVD), rapid thermal processing (RTP), and wafer annealing. The cassette features PTFE Teflon stops, which provide a gentler material for wafer edge contact, ensuring safer, more controlled landings when operators manually load wafers into the cassette, reducing the risk of wafer damage.

The WHS-M2 cassette features straight side walls, stainless steel spacers, and an 8° slot angle, ensuring smooth wafer insertion and precise handling. Its all-



aluminum surfaces are hard clear (HC) anodized, providing enhanced abrasion resistance for prolonged use in ISO 3 (FS209E Class 1) cleanroom environments. With vacuum-vented screws and wear-resistant coatings, the cassette is optimized for high-temp., high-throughput applications where plastic cassettes would fail.

Available in 76 mm, 100 mm, 150 mm, and 200 mm configurations, the WHS-M2 offers flexibility for a range of wafer sizes. Custom configurations are also available, including electroless nickel plating (EN), 13-slot designs, and custom slot profiles for specialized wafer handling needs. The WHS-M2 is available with or without a solid end wall feature, allowing for versatility based on process requirements.

Manufactured in an ISO9001 certified facility and CE certified, the WHS-M2 provides reliable performance, durability, and precision for semiconductor thermal processing, with short lead times and small minimum order quantities for custom configurations.

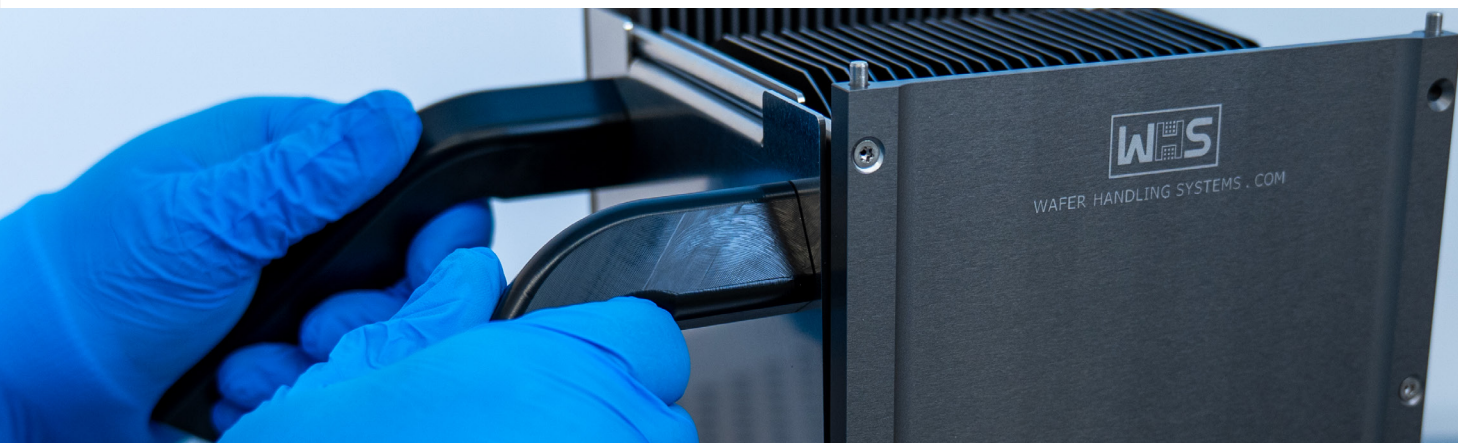
FEATURES AND ADVANTAGES

- 25-slot aluminum cassette for processing up to 250°C
- PTFE stops for gentle wafer edge contact
- Available in 76, 100, 150, and 200 mm sizes
- Hard anodized for abrasion resistance in ISO 3 cleanrooms
- Custom options: nickel plating, 13-slot designs, and slot profiles

ALUMINUM LEGACY METAL CASSETTE

ITEM	SPECIFICATIONS
Wafer sizes	76, 100, 150, 200mm
Material	T6061 aluminum alloy
Surface finish	(HC) hard clear anodization
Material, wafer stops	PTFE Teflon®
Max temperature	250°C
Cleanliness	ISO 3 (Class 1 FS209E)

Custom configurations available (may incur minimum order quantity amounts): EN-electroless nickel plating on aluminum types for high-vacuum applications; flat profile slotting for thin or thick wafers; end-wall fixed handles; dual h-bar configurations for backside wafer processing. Please send your requests to sales@waferhandlingsystems.com



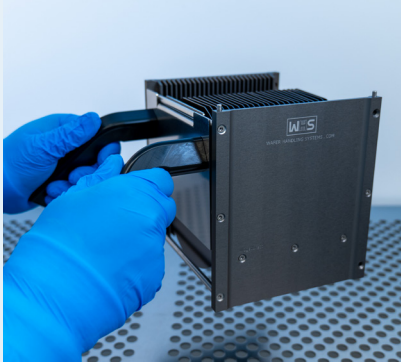
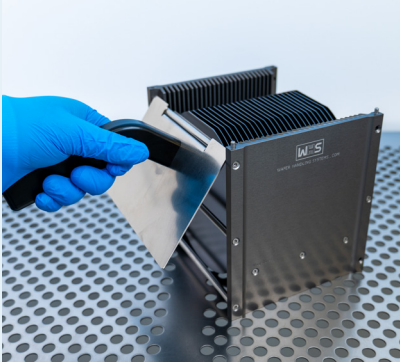
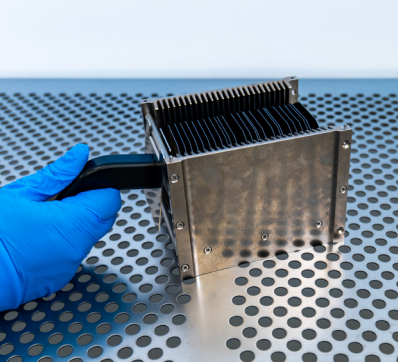
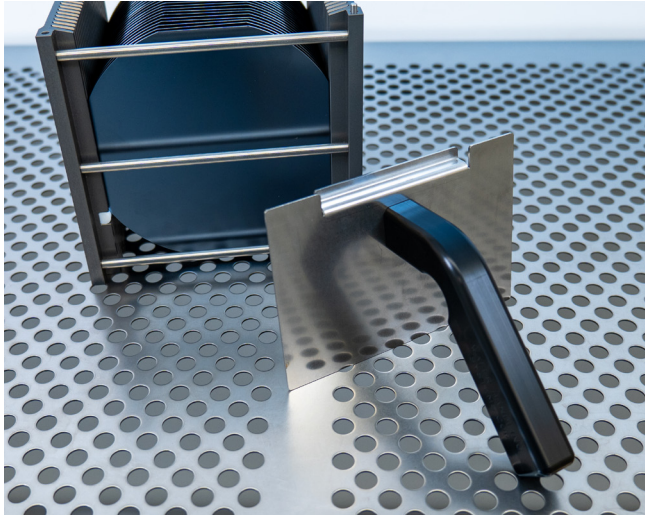
ORDERING INFORMATION

WHS-M2 -	1807800
CODE	MODEL
1807800	Box Cassette 3", aluminum, 25 slot, slot shape angular, 3x rod (top), 1x rod/H-bar (bottom)
1807816	Box Cassette 4", aluminum, 25 slot, slot shape angular, 3x rod (top), 1x rod/H-bar (bottom)
1807832	Box Cassette 6", aluminum, 25 slot, slot shape angular, 3x rod (top), 1x rod/H-bar (bottom)
1807848	Box Cassette 8", aluminum, 25 slot, slot shape angular, 3x rod (top), 1x rod/H-bar (bottom)
1807798	Box Cassette 3", aluminum, 25 slot, slot-shape angular, Top plate (top), SS rod 1x (bottom)
1807814	Box Cassette 4", aluminum, 25 slot, slot-shape angular, Top plate (top), SS rod 1x (bottom)
1807830	Box Cassette 6", aluminum, 25 slot, slot-shape angular, Top plate (top), SS rod 1x (bottom)
1807846	Box Cassette 8", aluminum, 25 slot, slot-shape angular, Top plate (top), SS rod 1x (bottom)

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BOX CASSETTE HANDLES STAINLESS STEEL

WHS - Wafer Handling Systems has developed advanced detachable cassette handles specifically for WHS-M2 style metal cassettes, enhancing operator safety and efficiency in high-temperature environments like ovens and process chambers. Designed for use on operator workstations or cool down acclimation work surfaces immediately post-bake, these handles can safely manage hot cassettes in a wafer vertical position. These handles feature ergonomic plastic pistol grips, available in single or dual designs, providing a convenient and secure method for handling aluminum process cassettes. The stainless-steel plate includes an interface channel, ensuring a secure connection with the cassette to prevent accidental drops. Constructed from advanced cleanroom materials, they are engineered to withstand thermal heat and minimize particle shedding.



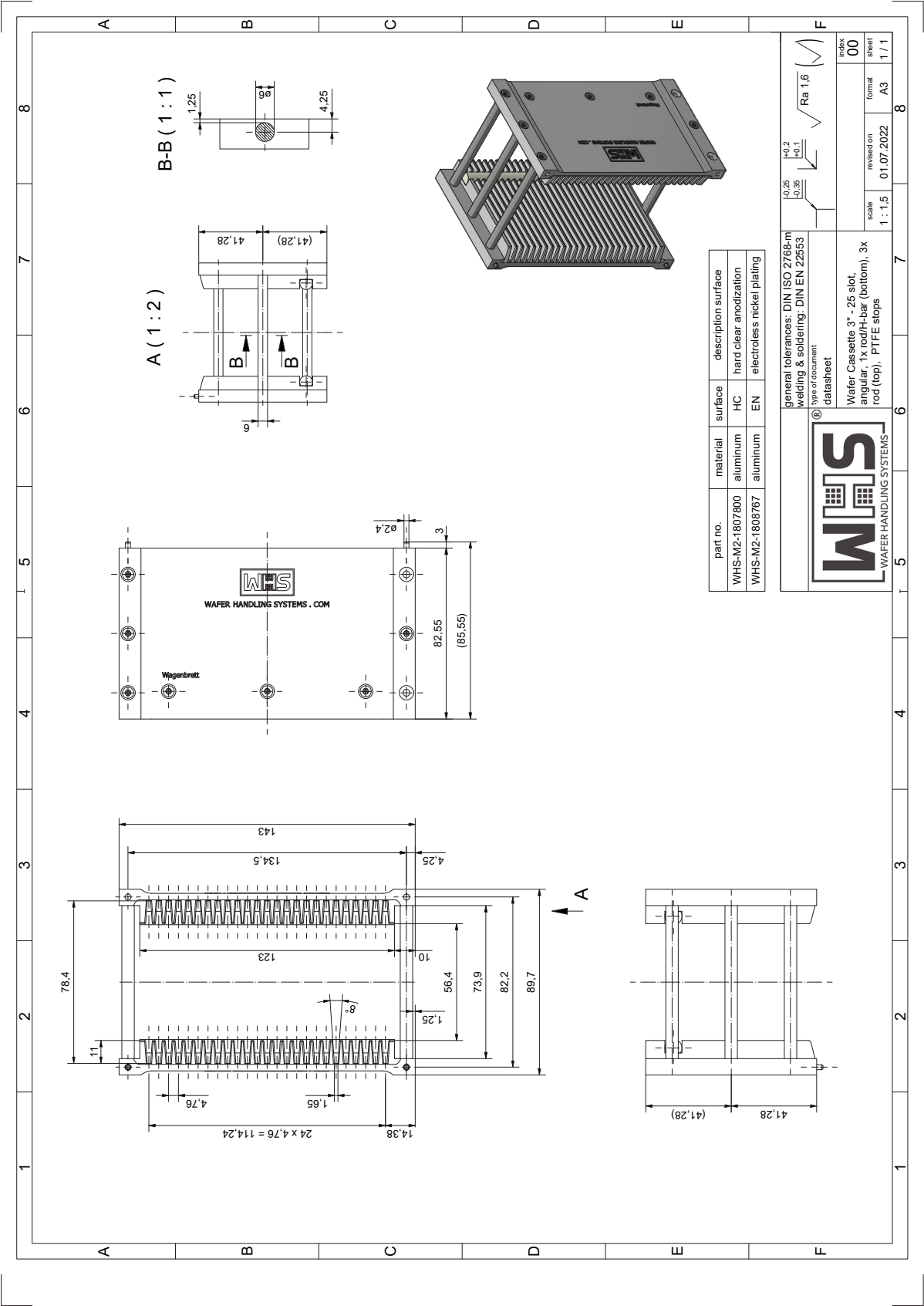
FEATURES AND ADVANTAGES

- Advanced safety handles for WHS-M2 cassettes
- Ergonomic pistol grip designs
- Interface channel for secure handling
- Cleanroom materials resist heat and minimize particles

ORDERING INFORMATION

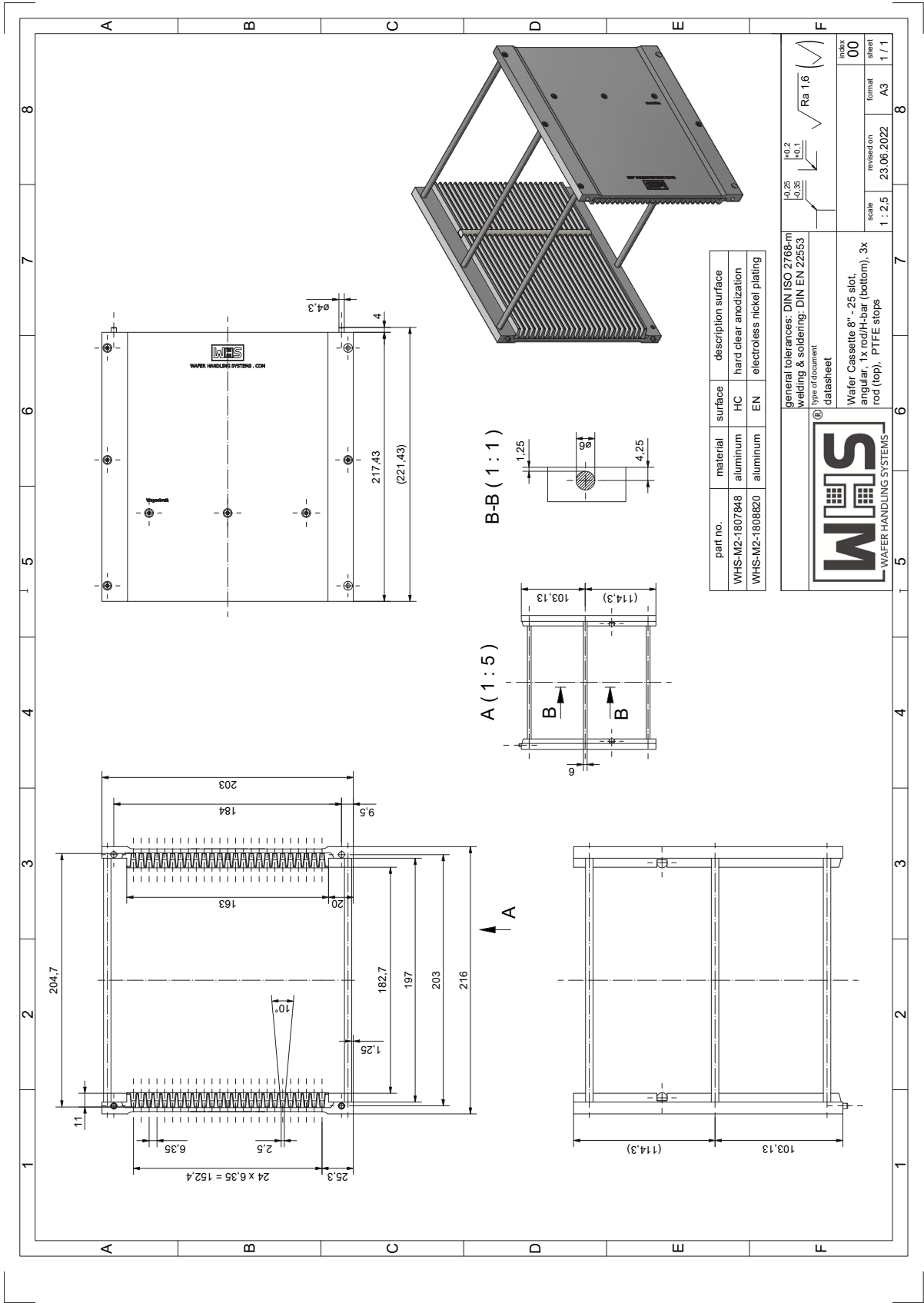
WHS-M2 -	H-34
CODE	MODEL
H-34	Box Cassette M2 style metal cassette handles 3" or 4" Stainless steel SST
H-6	Box Cassette M2 style metal cassette handles 6" Stainless steel SST
H-68	Box Cassette M2 style metal cassette handles 6" or 8" Stainless steel SST

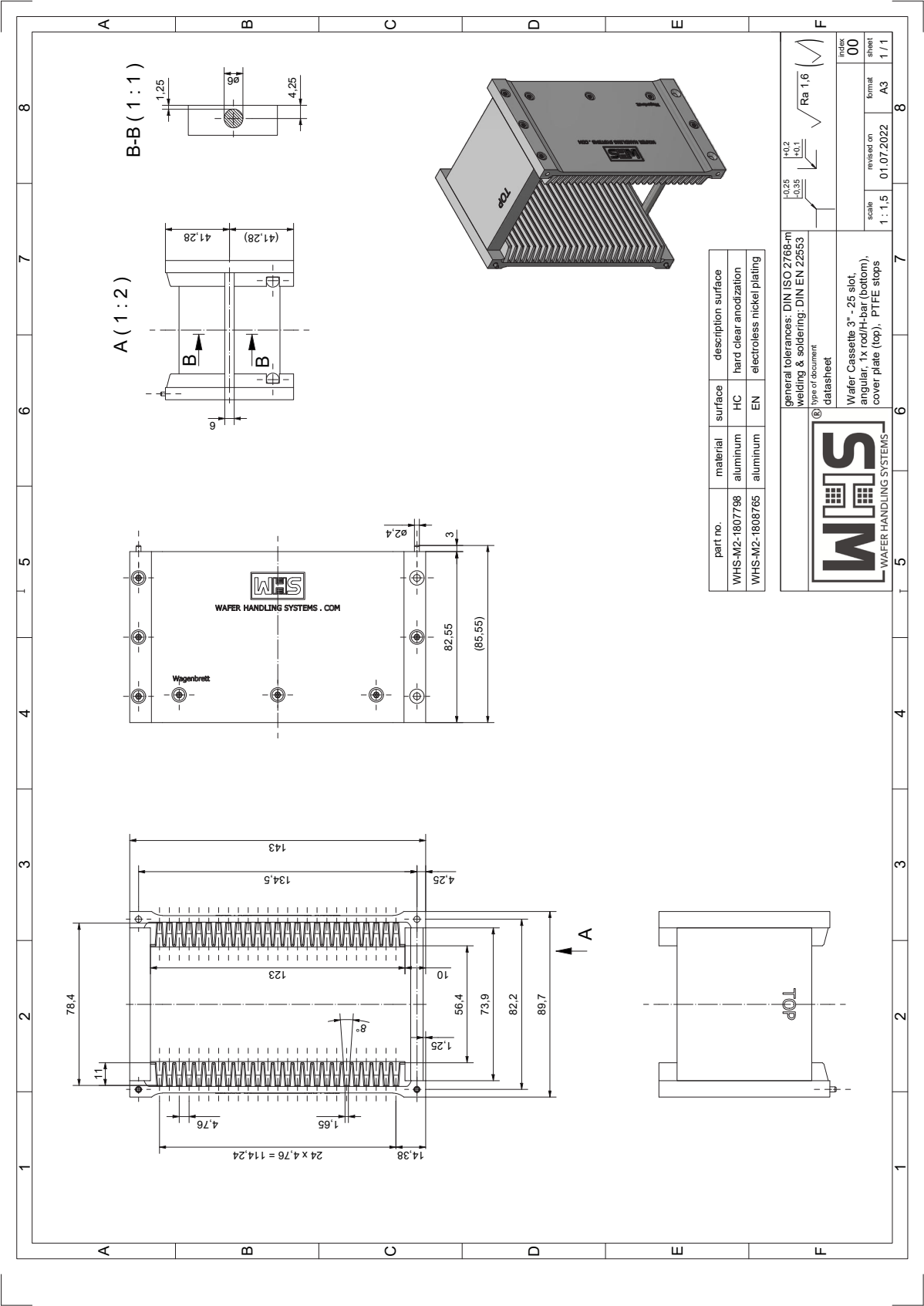
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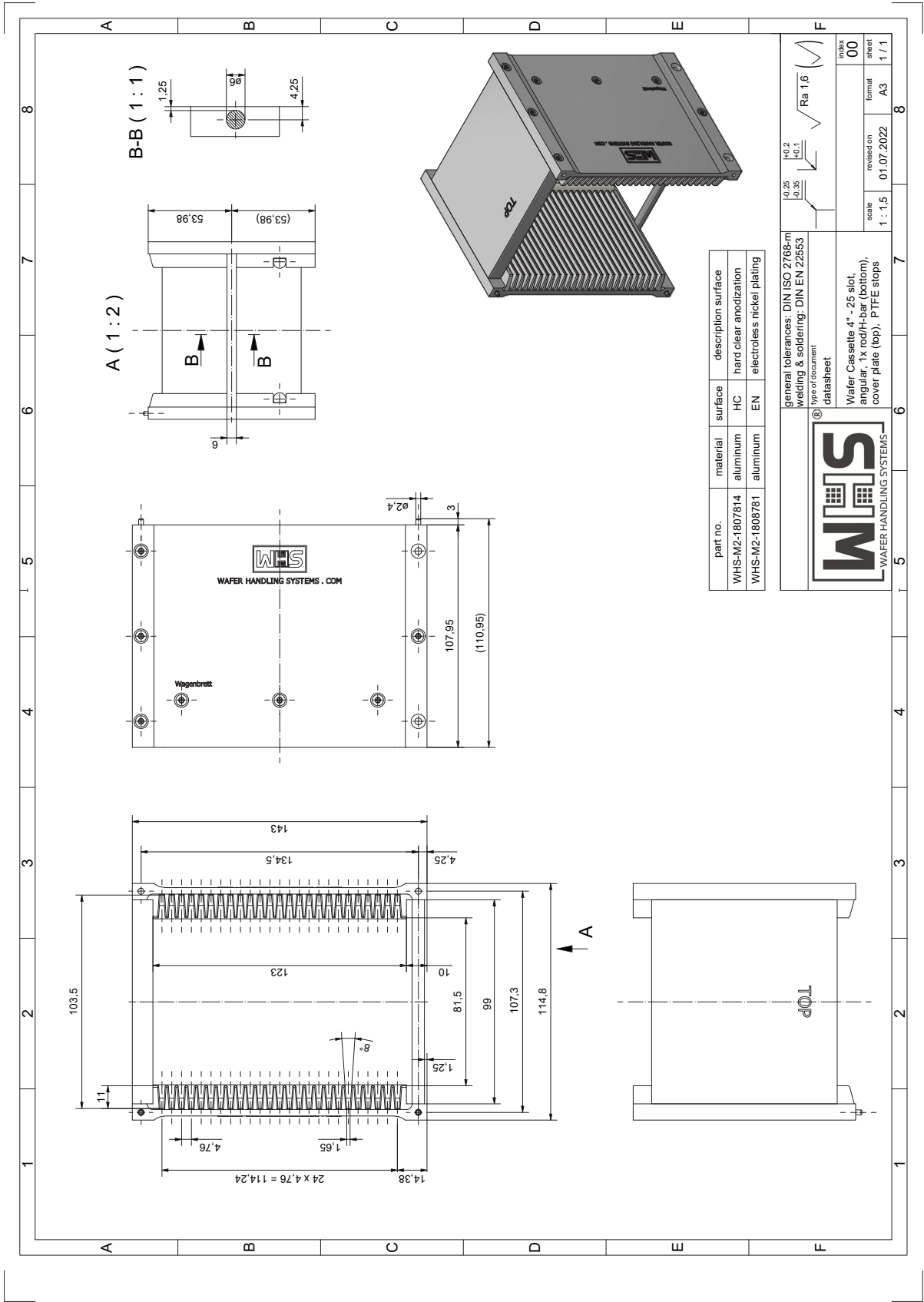


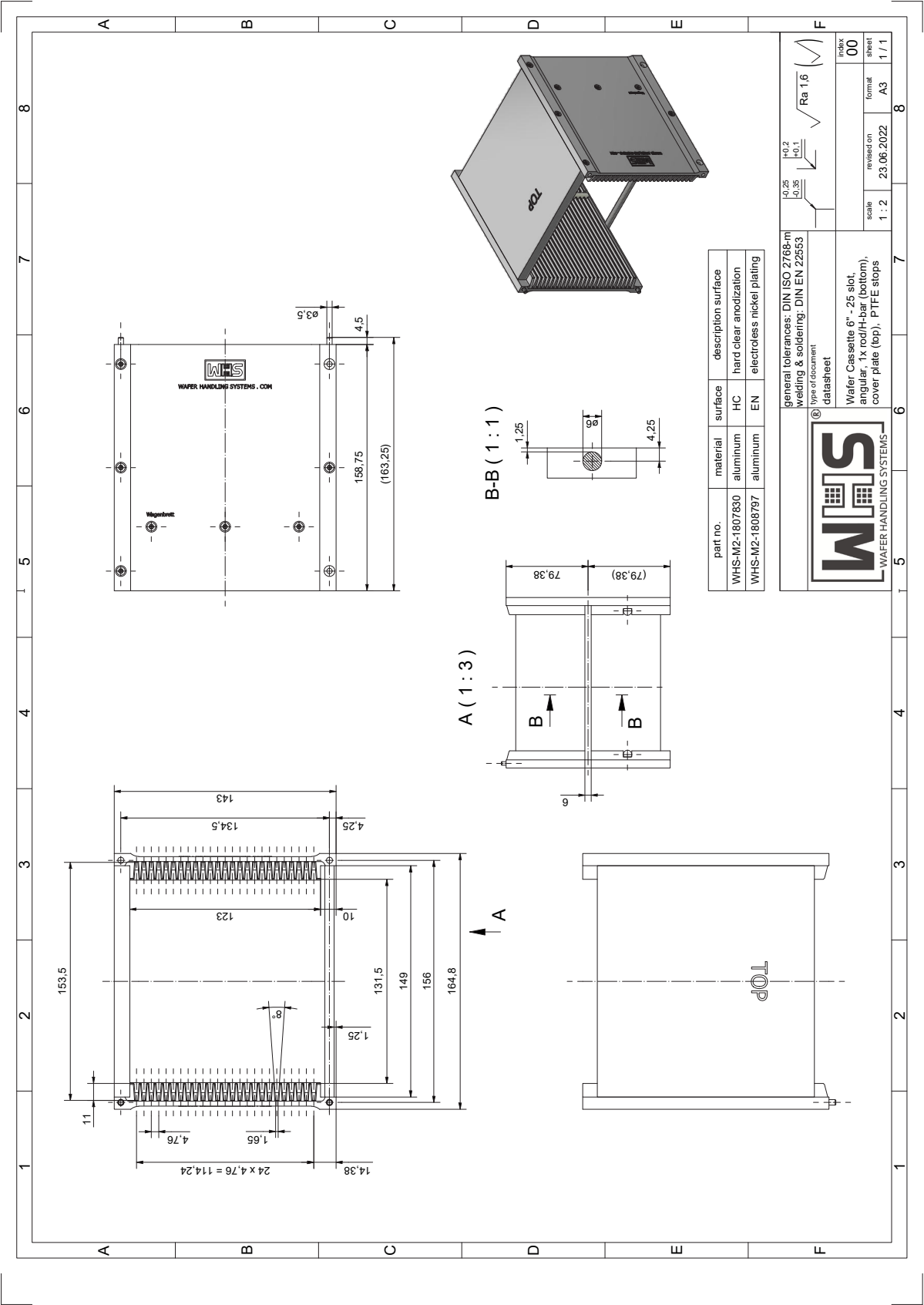


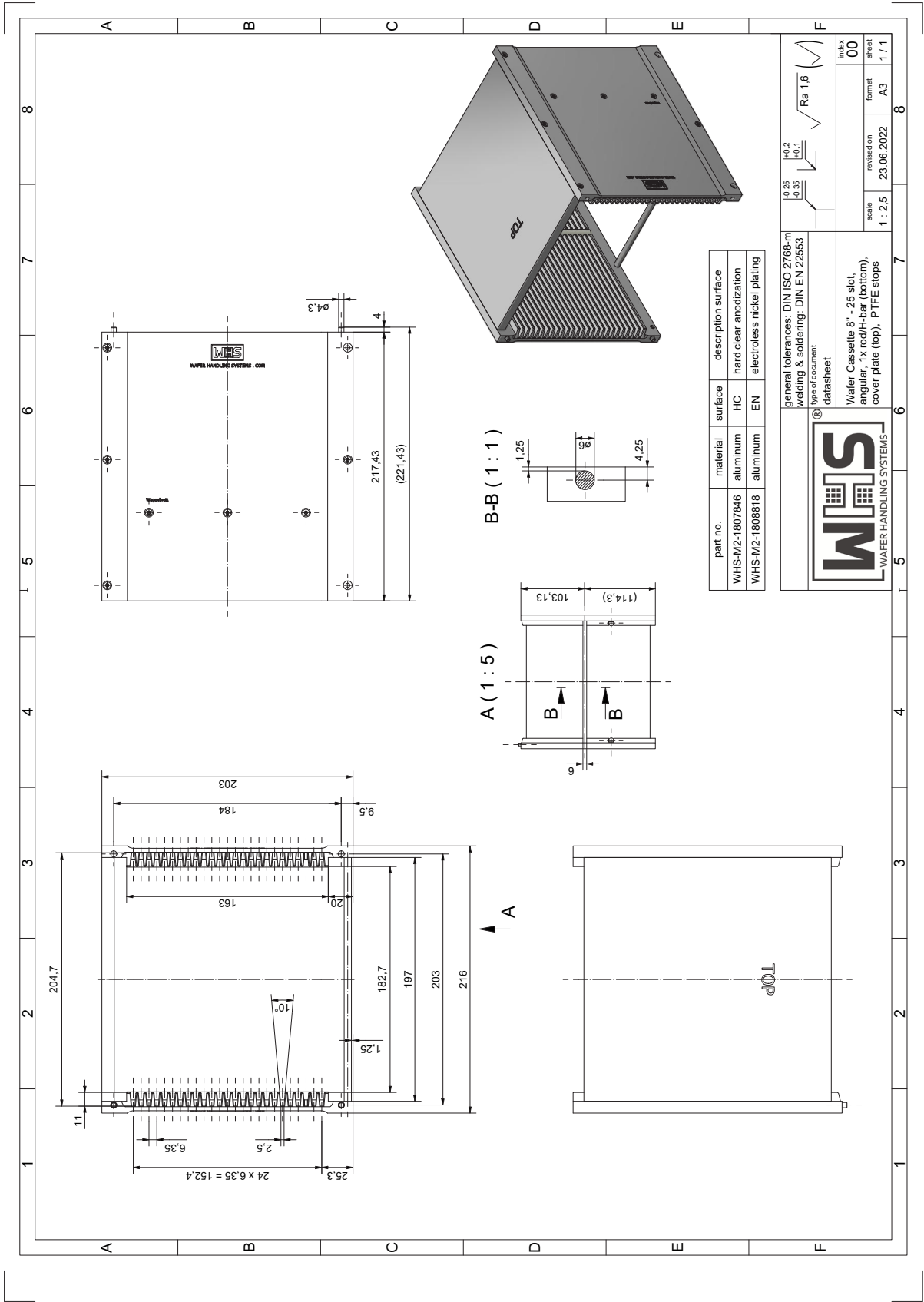


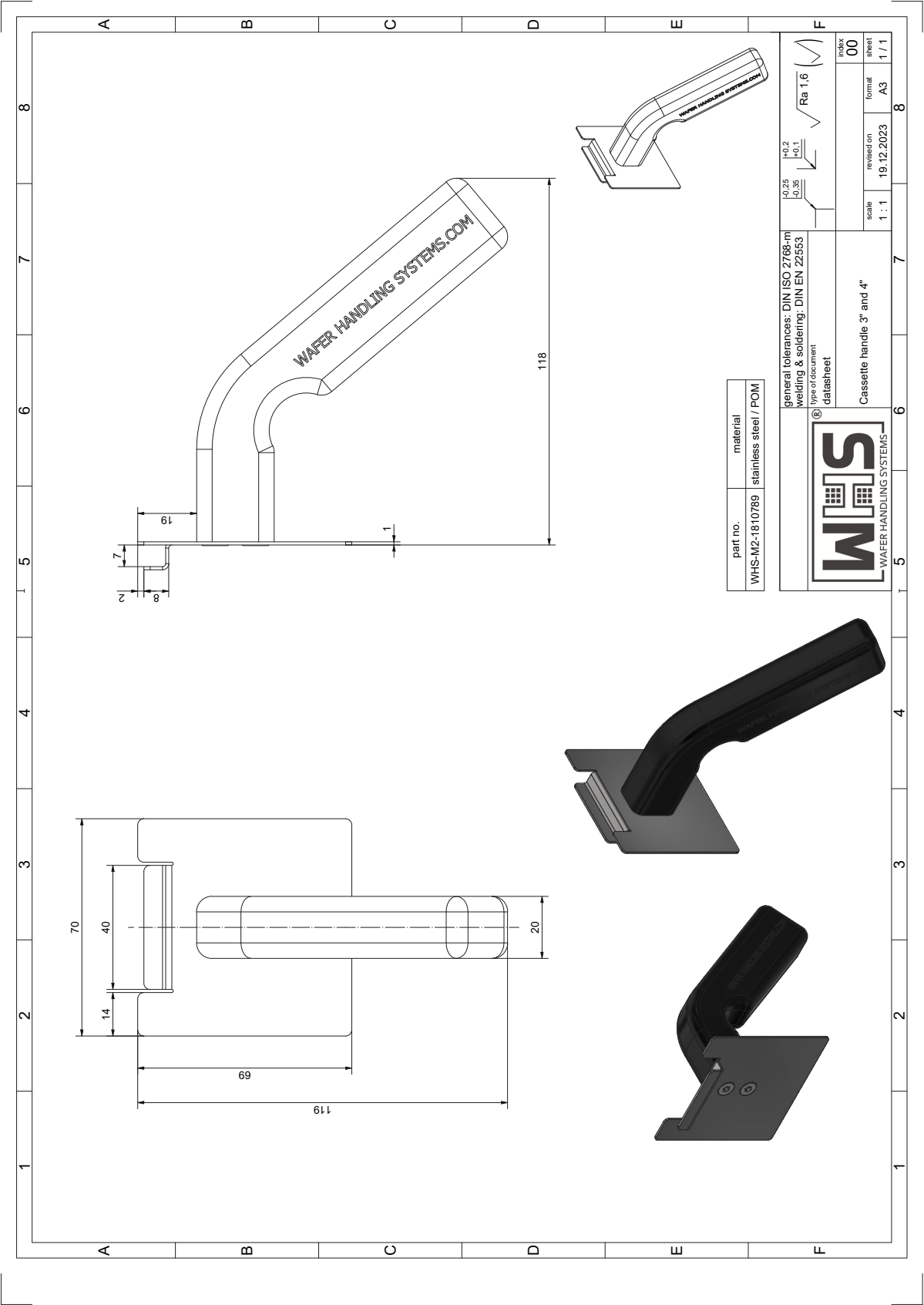


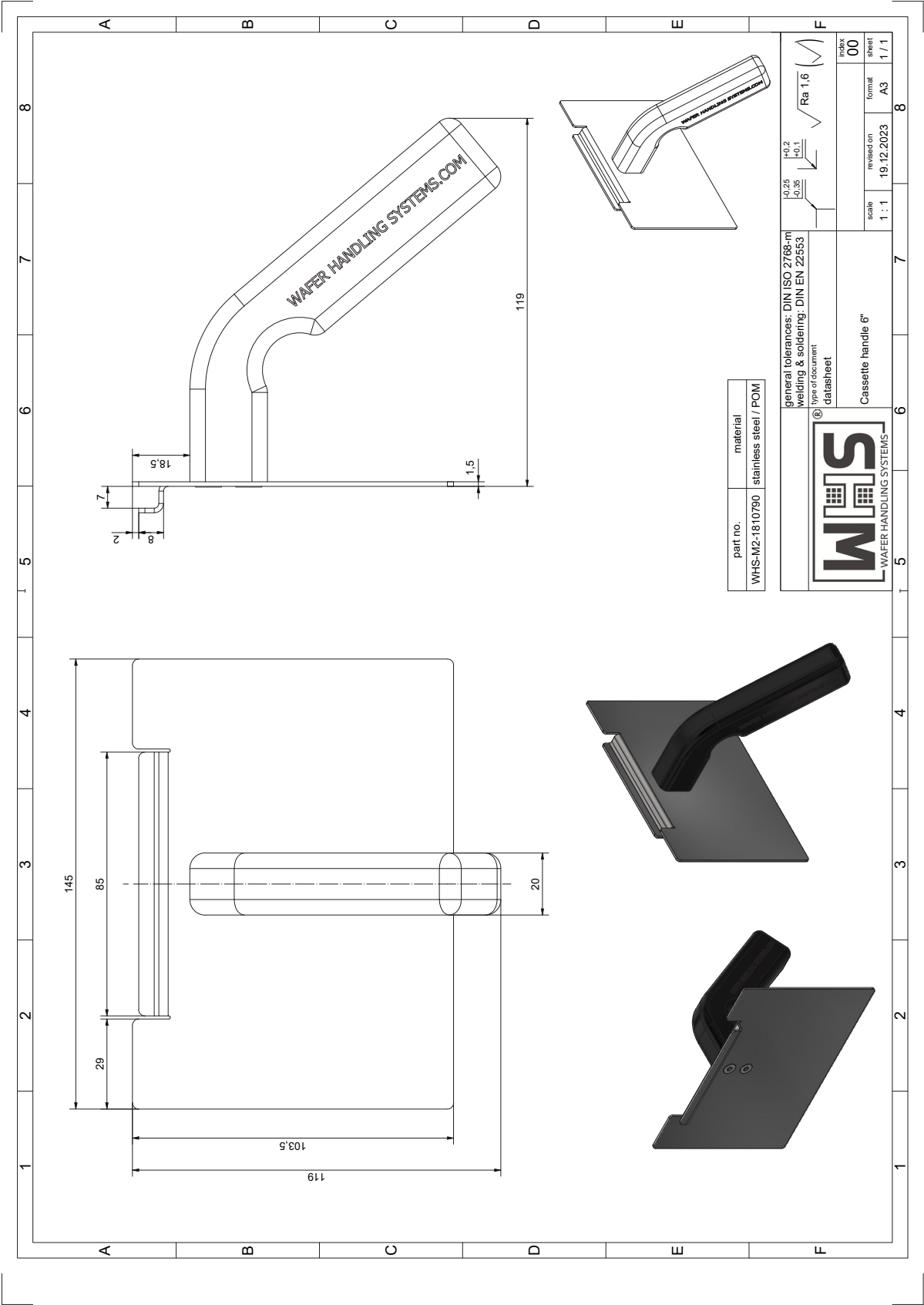












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