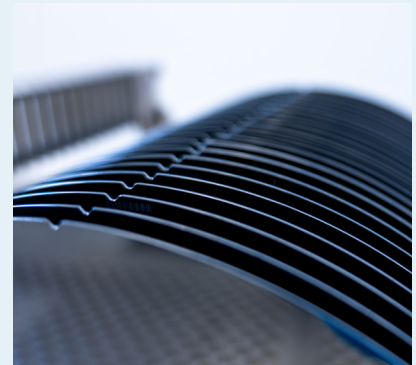
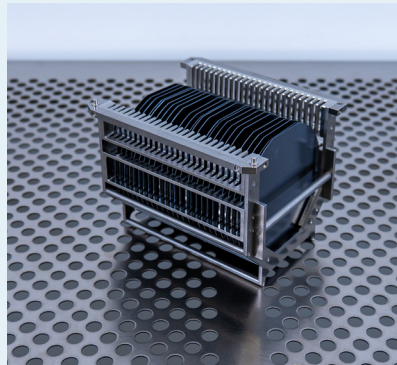
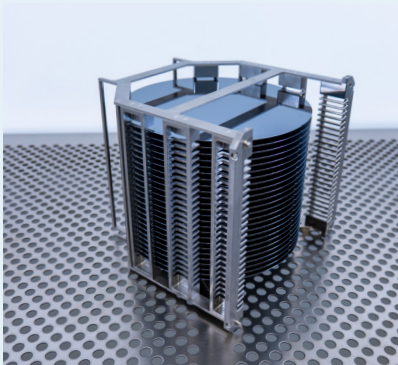
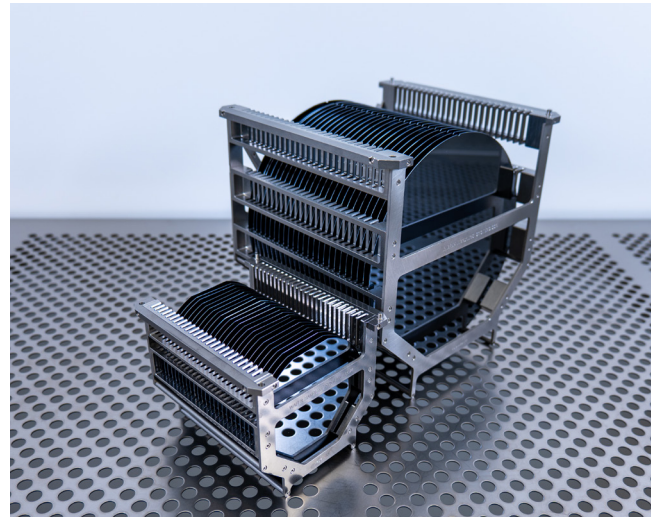


ALL STAINLESS-STEEL HIGH TEMPERATURE METAL CASSETTE

The WHS-M3 series is a high-temperature stainless steel cassette designed for handling semiconductor wafers in extreme thermal processes. Unlike other stainless-steel cassettes in the industry that rely on weak welded or bent sheet metal designs prone to losing dimensional stability, the WHS-M3 is engineered to provide a robust, long-term solution. It maintains structural integrity and remains reliable for automation use, even after prolonged exposure to high temperatures, making it a dependable choice for years of operation in harsh cleanroom environments.

Built for wafers ranging from 76 mm (3") to 200 mm (8") in diameter, the M3 cassette is perfect for applications such as bake processes, thermal automation, and ultrasonic or megasonic cleaning.



Constructed from electro-polished (EP) type 316 stainless steel, the WHS-M3 offers superior corrosion resistance and long-lasting durability, supporting cleanroom applications with temperatures up to 550°C.

Its SEMI-compliant 25-slot design, featuring an 8° slot angle, mirrors the profile of standard plastic cassettes, allowing seamless integration into automation systems while delivering enhanced thermal performance.

Available in 76 mm, 100 mm, 150 mm, and 200 mm sizes, the M3 cassette also offers custom configurations, including 13-slot designs and flat slot profiles for special wafer handling.

Manufactured in an ISO9001 certified facility and CE certified, the WHS-M3 ensures reliable, long-term

performance in the most demanding semiconductor environments, with short lead times and small minimum order quantities for custom configurations.

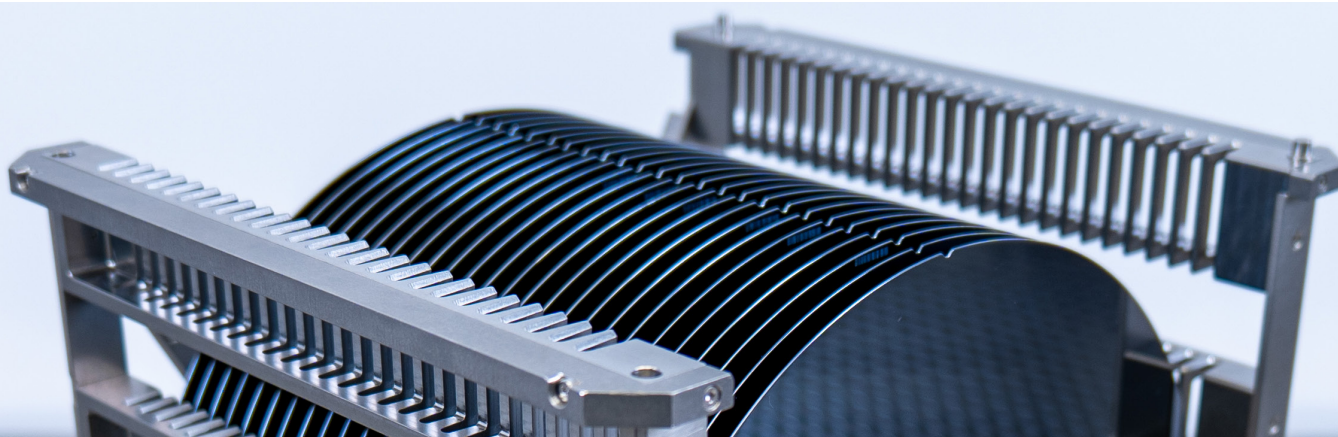
FEATURES AND ADVANTAGES

- Handles high-temperature processing up to 550°C
- Maintains dimensional stability for long-term automation use
- Electro-polished 316 stainless steel for corrosion resistance
- Available in 76, 100, 150, and 200 mm sizes
- Ideal for baking, ultrasonic cleaning, and thin/thick wafer handling

ALL STAINLESS-STEEL HIGH TEMPERATURE METAL CASSETTE

ITEM	SPECIFICATIONS
Wafer sizes	76, 100, 150, 200mm
Material	316 stainless steel
Surface finish	(EP) electro-polished
Max temperature	550°C
Cleanliness	ISO 3 (Class 1 FS209E)

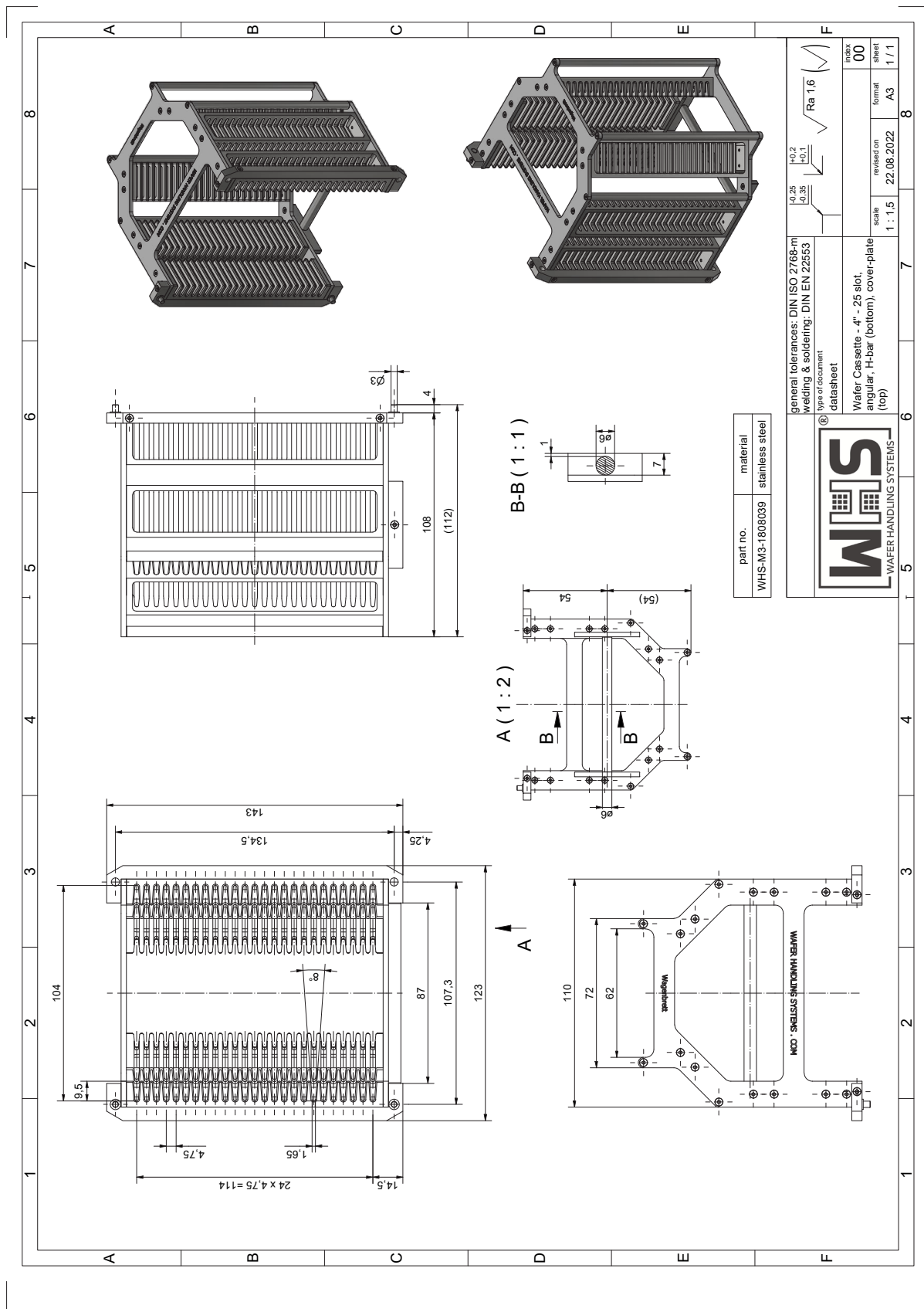
Custom configurations available (may incur minimum order quantity amounts): EN-electroless nickel plating on aluminum types for high-vacuum applications; flat profile slotting for thin or thick wafers; end-wall fixed handles; dual h-bar configurations for backside wafer processing. Please send your requests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



ORDERING INFORMATION

WHS-M3 -	1808037
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CODE	MODEL
1808037	Stainless Steel Cassette, 3" - 25 slot, slot-shape angular, cover-plate (top), H-bar (bottom)
1808039	Stainless Steel Cassette, 4" - 25 slot, slot-shape angular, cover-plate (top), H-bar (bottom)
1808041	Stainless Steel Cassette, 6" - 25 slot, slot-shape angular, cover-plate (top), H-bar (bottom)
1808043	Stainless Steel Cassette, 8" - 25 slot, slot-shape angular, cover-plate (top), H-bar (bottom)



part no.	material
WHS-M3-1808039	stainless steel

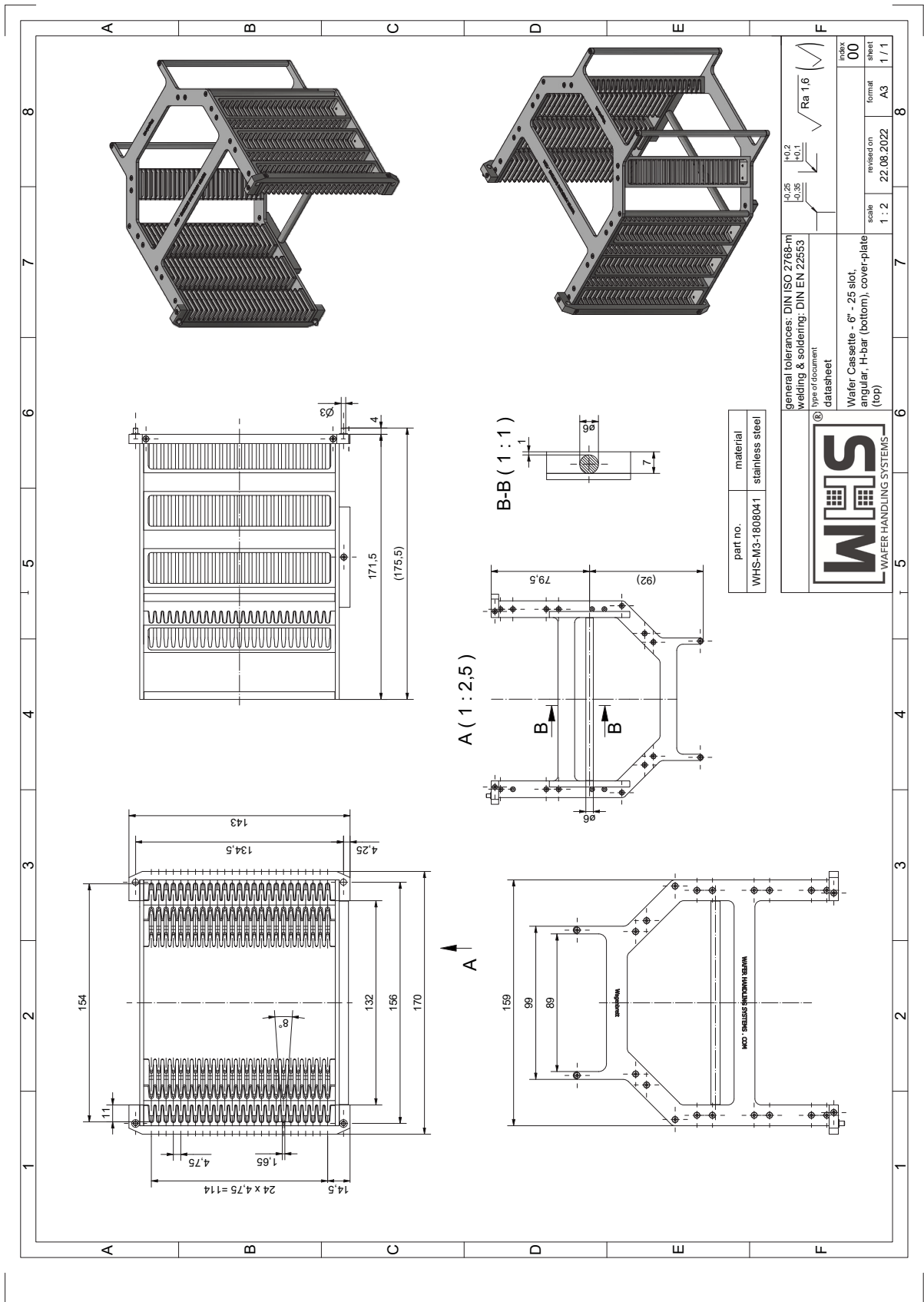
General tolerances: DIN ISO 2768-m
welding & soldering: DIN EN 22553
Type of document
datasheet

Wafer Cassette - 4" - 25 slot,
angular, H-bar (bottom), cover-plate
(top)


WHS
WAFFER HANDLING SYSTEMS

scale 1 : 1.5
revised on 22.08.2022
formatt A3
sheet 1 / 1
index 00

Surface texture: $Ra 1.6$



part no.	material
WHS-M3-1808041	stainless steel


WHS
 WAFER HANDLING SYSTEMS

General tolerances: DIN ISO 2768-m
 welding & soldering: DIN EN 22553
 Type of document: datasheet

Wafer Cassette - 6" - 25 slot,
 angular, H-bar (bottom), cover-plate
 (top)

index	00
sheet	1 / 1
formatt	A3
revised on	22.08.2022
scale	1 : 2

