



# Parting and grooving

System MSS-GX

### **MSS-GX**

The new monoblock tool MSS-GX for axial grooving is suitable for GX-24 cutting inserts. The length of the tools is adapted for VDI tool holders. A Torx-Plus screw is used for clamping; the Torx hole can be accessed from both sides. The tools enable axial grooving and axial turning. Axial grooves with an external groove diameter of 40 mm and greater are possible. The tool

covers parting and grooving widths from 3 to 6 mm.

# Higher stability of machining process

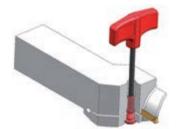
The monoblock version of the tool offers maximum stability.

#### Easier to use

The clamping screw which is accessible from both sides, guarantees an easy and rapid insert change also in overhead position.











Torx Plus screw, Torx hole accessible from both sides

Left-hand tool

Right-hand tool

#### Overview of the use of the tool holders

Tool holder	Parting/ grooving width	Parting/ grooving depth	Axia	ıl diam	neter [												
E25R/L0025-2525X-GX24-4 AS150-300	6	25															
E25R/L0025-2525X-GX24-4 AS100-150	6	25															
E25R/L0025-2525X-GX24-4 AS70-100	6	25															
E25R/L0022-2525X-GX24-4 AS50-70	6	22															
E25R/L0020-2525X-GX24-4 AS40-50	6	20															
E25R/L0022-2525X-GX24-3 AS150-300	4+5	22															
E25R/L0022-2525X-GX24-3 AS100-150	4+5	22															
E25R/L0022-2525X-GX24-3 A75-100	4+5	22															
E25R/L0020-2525X-GX24-3 AS60-75	4+5	20															
E25R/L0020-2525X-GX24-3 AS50-60	4+5	20															
E25R/L0012-2525X-GX24-3 AS45-50	4+5	12															
E25R/L0012-2525X-GX24-3 AS40-45	4+5	12															
E25R/L0022-2525X-GX24-2 AS180-300	3	22															
E25R/L0022-2525X-GX24-2 AS130-180	3	22															
E25R/L0022-2525X-GX24-2 AS100-130	3	22															
E25R/L0019-2525X-GX24-2 AS75-100	3	19															
E25R/L0019-2525X-GX24-2 AS60-75	3	19															
E25R/L0016-2525X-GX24-2 AS50-60	3	16															
E25R/L0012-2525X-GX24-2 AS45-50	3	12															
E25R/L0012-2525X-GX24-2 AS40-45	3	12															
			40	60	80	100	120	140	160	18	0 2	 200	220	240	260	280	300

# **MSS-SX**

The new MSS-SX parting and grooving blades are reinforced and offer stable self-clamping for SX cutting inserts. The parting and grooving blades allow for radial parting and grooving with depths up to 33 mm and widths from 3 to 4

Maximum stability through the reinforced tool holder, low

tendency to vibration and easy insert change.

### Higher stability of machining process

The reinforced tool holders provide maximum stability and low tendency to vibration.

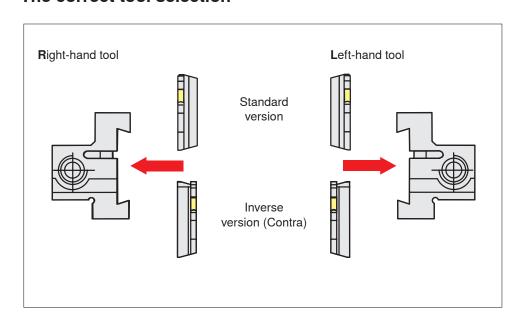
#### Easier to use

The inserts can be easily changed using an SX mounting key.

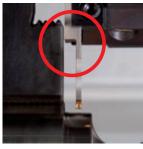




#### The correct tool selection







# Parting and grooving

Parting and grooving range

# The new parting and grooving range

#### COLORSTAR<sup>™</sup> CTCP325

COLORSTAR<sup>™</sup> CTCP325 is suitable for stable conditions on steel and cast iron: the grade is ideal for high cutting speeds.

# SILVERSTAR<sup>™</sup> CTP1340

The high-performance grade for universal application on steel materials, austenitic steel, cast iron and heat-resistant materials: thanks to good edge stability and toughness SILVERSTAR™ CTP1340 CTP1340 is also ideal for unstable



This grade is the secure all-rounder for medium to high cutting speeds and perfectly suitable for the machining of steel and cast iron materials.

This wear-resistant grade for the machining of steel materials and austenitic steels is also suitable for

unstable conditions or unfavourable cutting conditions, for medium to low cutting speeds.

# COLORSTAR<sup>™</sup> and SILVERSTAR<sup>™</sup> - the new parting and grooving range

