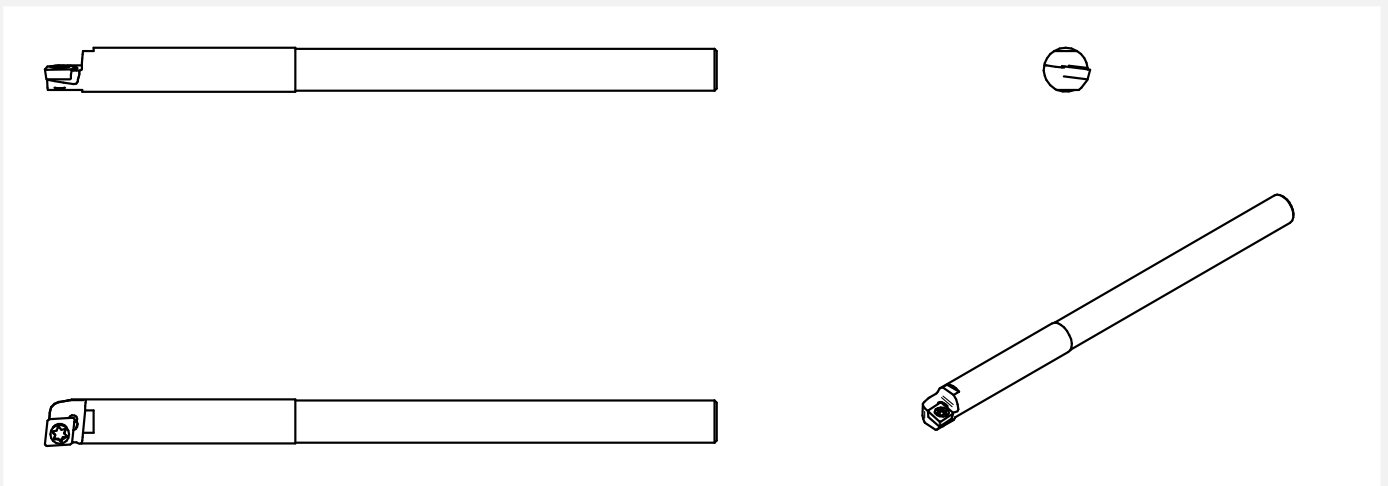


# STMD M08-120 SCLCR

Vibration damped turning tool holder – Monoblock



## Dimensions

More technical data on page 2

Diameter (mm)	Length (mm)	Workable length (mm)
08	120	56-88

## Description:

STMD turning tool holder

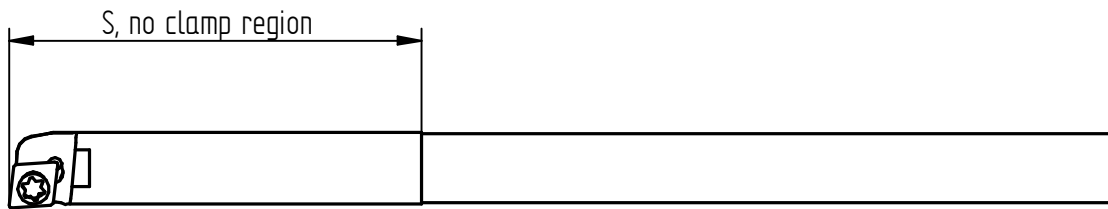
## Supplied with:

Insert screws M2.5	1 pc
Insert screw key	1 pc

## Note:

Cylindrical shank without clamping feature.  
 With central groove for alignment.  
 Application ranges – 7-11 xD  
 Refer to product performance datasheet below.

Maximum cutting force – 260 N



Download drawing:

STEP

DWG

## Technical data

























Adaptive interface machine direction	08
Adaptive interface workpiece direction	CCMT 0602XX
No clamping region (S)	48 mm
Maximum overhang (OHX), including cutter head	Approx. 88 mm
Coolant entry form	Axial central
Coolant exit form	Two exits, to insert and to workpiece
Coolant entry thread size	M7x0.5
Max coolant pressure	70
Alignment aid property	Central groove
Connection diameter (DCON)	8 mm
Functional length (LF)	127 mm
Body material	Carbide reinforced steel
Weight of item	0.15 kg
Recommended clamping length	24 mm (3XD)
Method of cutting off	Grinding carbide

## Quality / Product performance reference\*

Product: MAQ STMD M08-120 SCLCR



Test date: 2022-09-10

<u>7XD</u>	 1	 1	 1	 1	 1	 1
<u>8XD</u>	 1	 1	 1	 1	 1	 1
<u>9XD</u>	 1	 1	 1	 1	 1	 1
<u>10XD</u>	 1	 1	 1	 1	 1	 1
Overhang / Feed (mm/rev)	<u>0.12</u>		<u>0.15</u>		<u>0.17</u>	
Theoretical surface Ra (µm)	<u>1.2</u>		<u>2.60</u>		<u>4.63</u>	

Depth of cut: **0.25 mm**

Cutting insert:

**CCMT 060204-FP P25C**


**Workpiece: 4340 Steel HRC 30**


**Cutting Speed: 200 m/min**


**Nose radius: 0.4 mm**

**Cutting condition: Wet**

Vibration level:

1: No vibration 

2: Acceptable 

3: Strong vibration 

Surface finish: 

1: Good

2: Acceptable

3: Not acceptable

\* The actual product performance is dependent on the rigidity of the clamping methods, and the table is used as reference

\*\* In actual machining, avoid using depth of cut or feed rate below 0.07mm when working with carbide insert (the edge radius)