





Control cabinet with a Bosch Rexroth control unit featuring a colourful 12" touch screen display and a two-channel emergency stop input/output for a safe drive shutdown procedure. Up to 4 drives may be controlled

**Note**

minimal quantity lubrication system is available upon request

**Power supply**

3 x 400 V AC / 50 Hz / 16 A

**Connection S-Former E**

singel, double, triple, fourfold

**Size incl. control cabinet (W x H x D)**

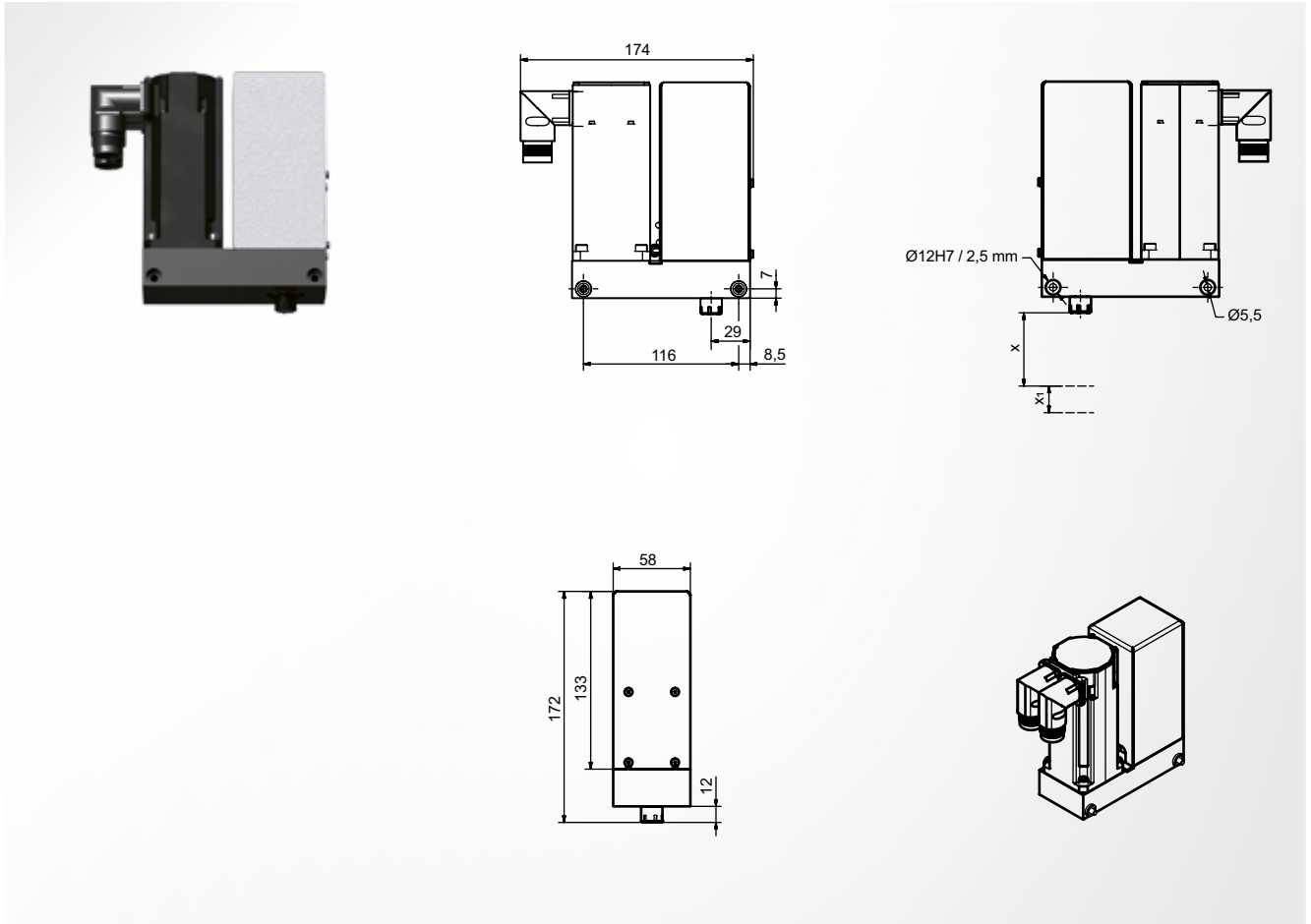
600 x 1530 x 350 mm

**Weight incl. control cabinet**

35-50 kg

# SZ2701 Tapping unit

## S-Former E0



**Ø Thread**

1-4 mm

**Number of strokes**

up to max. 160 H/min depending on the application

**Max. torque**

2 Nm

**Max. distance**

X1 = 20 mm

**Max. overhang**

X = 55 mm

**Ø Thread former shaft**

1-4 mm

**Rotational speed up to**

5000 1/min

**Note**

Clamping nut SZ2702-00014 and clamping key SZ2702-00015 are included in the scope of delivery; each roll tap can be used in accordance with DIN 2174

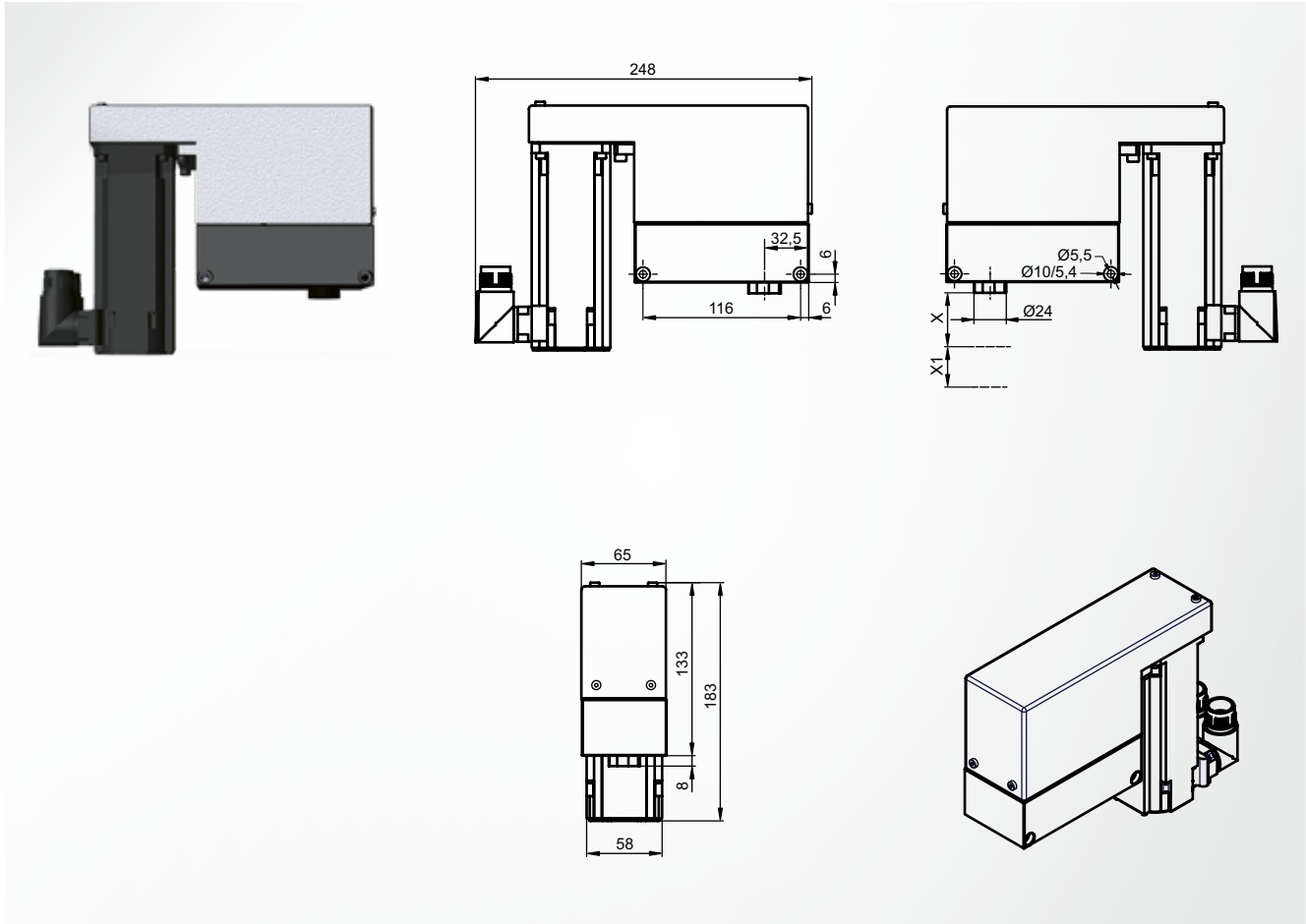
**Item number**

SZ2701-00005

# SZ2701 Tapping unit

**STEINEL®**

## S-Former E1.1



**Ø Thread**

4-8 mm

**Number of strokes**

up to max. 110 H/min depending on the application

**Max. torque**

8 Nm

**Max. distance**

X1 = 30 mm

**Max. overhang**

X = 40 mm

**Ø Thread former shaft**

4-8 mm

**Rotational speed up to**

3250 1/min

**Note**

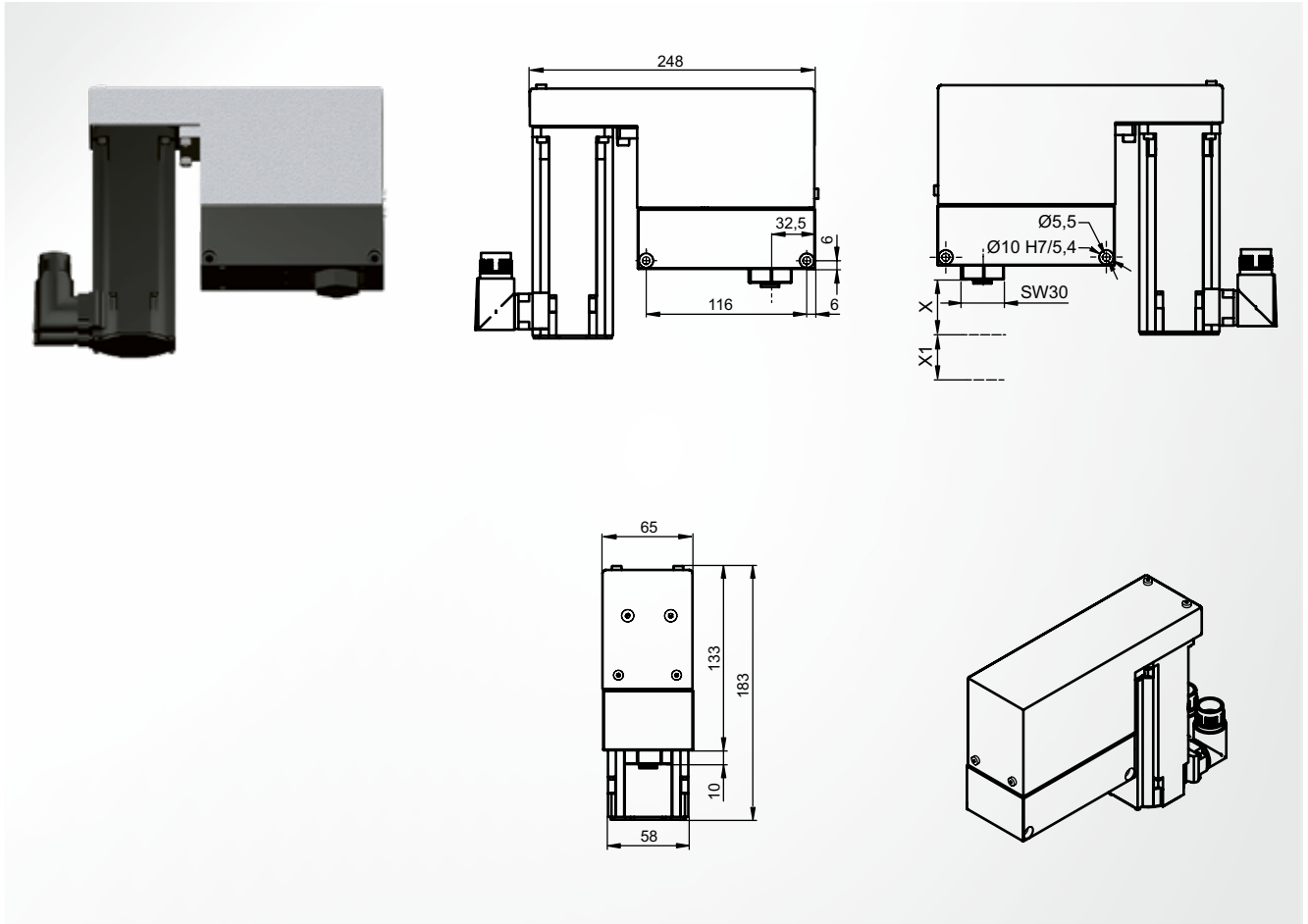
Clamping nut SZ2702-00006 and clamping key SZ2702-00007 are included in the scope of delivery; each roll tap can be used in accordance with DIN 2174

**Item number**

SZ2701-00001

# SZ2701 Tapping unit

## S-Former E1.1 High-speed clamping system



**Ø Thread**

4-8 mm

**Number of strokes**

up to max. 110 H/min depending on the application

**Max. torque**

8 Nm

**Max. distance**

X1 = 30 mm

**Max. overhang**

X = 40 mm

**Ø Thread former shaft**

4-8 mm

**Rotational speed up to**

3250 1/min

**Note**

Each roll tap can be used in accordance with DIN 2174

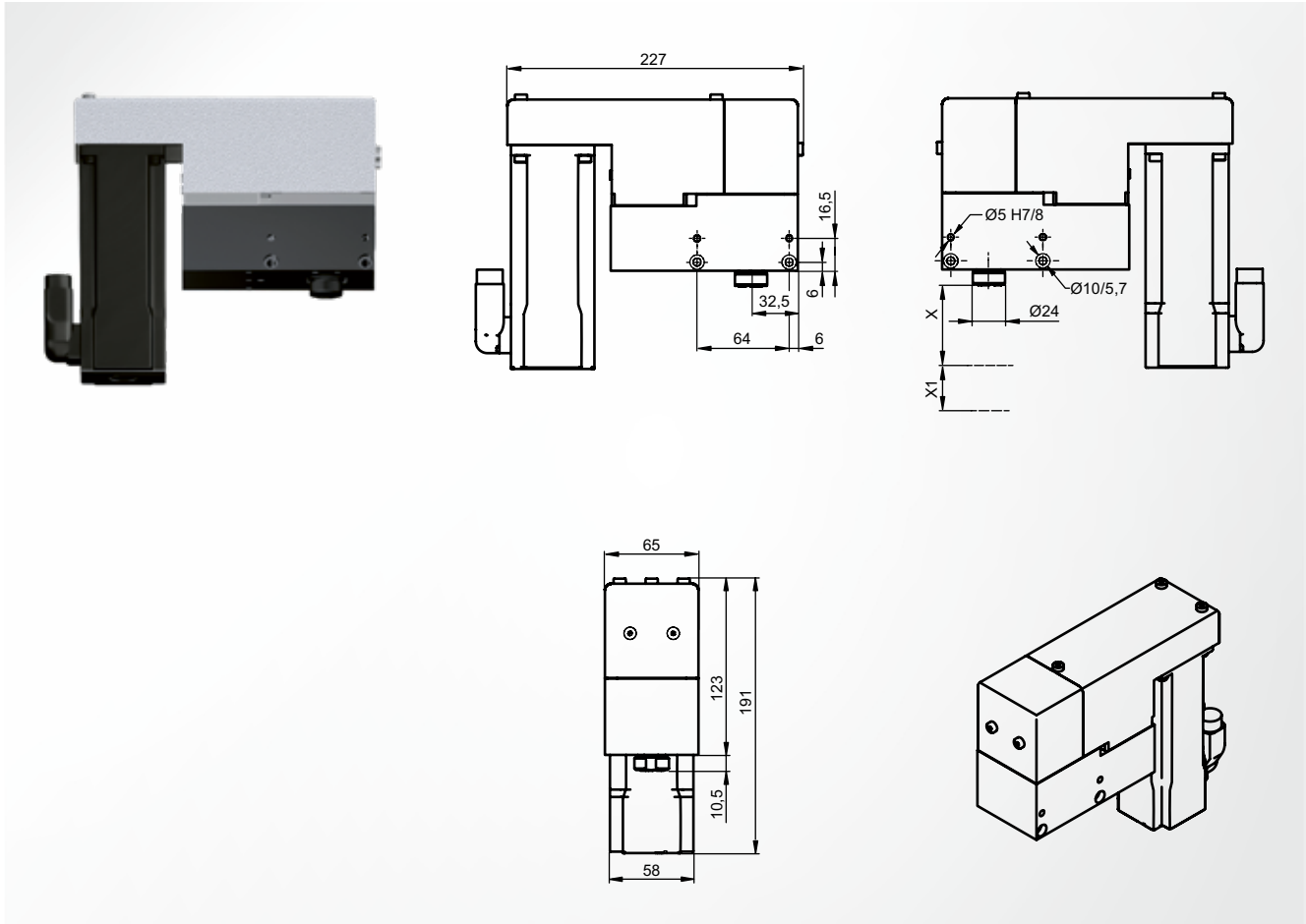
**Item number**

SZ2701-00004

# SZ2701 Tapping unit

**STEINEL®**

## S-Former E1.2



**Ø Thread**

4-8 mm

**Number of strokes**

up to max. 80 H/min depending on the application

**Max. torque**

14 Nm

**Max. distance**

X1 = 30 mm

**Max. overhang**

X = 40 mm

**Ø Thread former shaft**

4-8 mm

**Rotational speed up to**

2777 1/min

**Note**

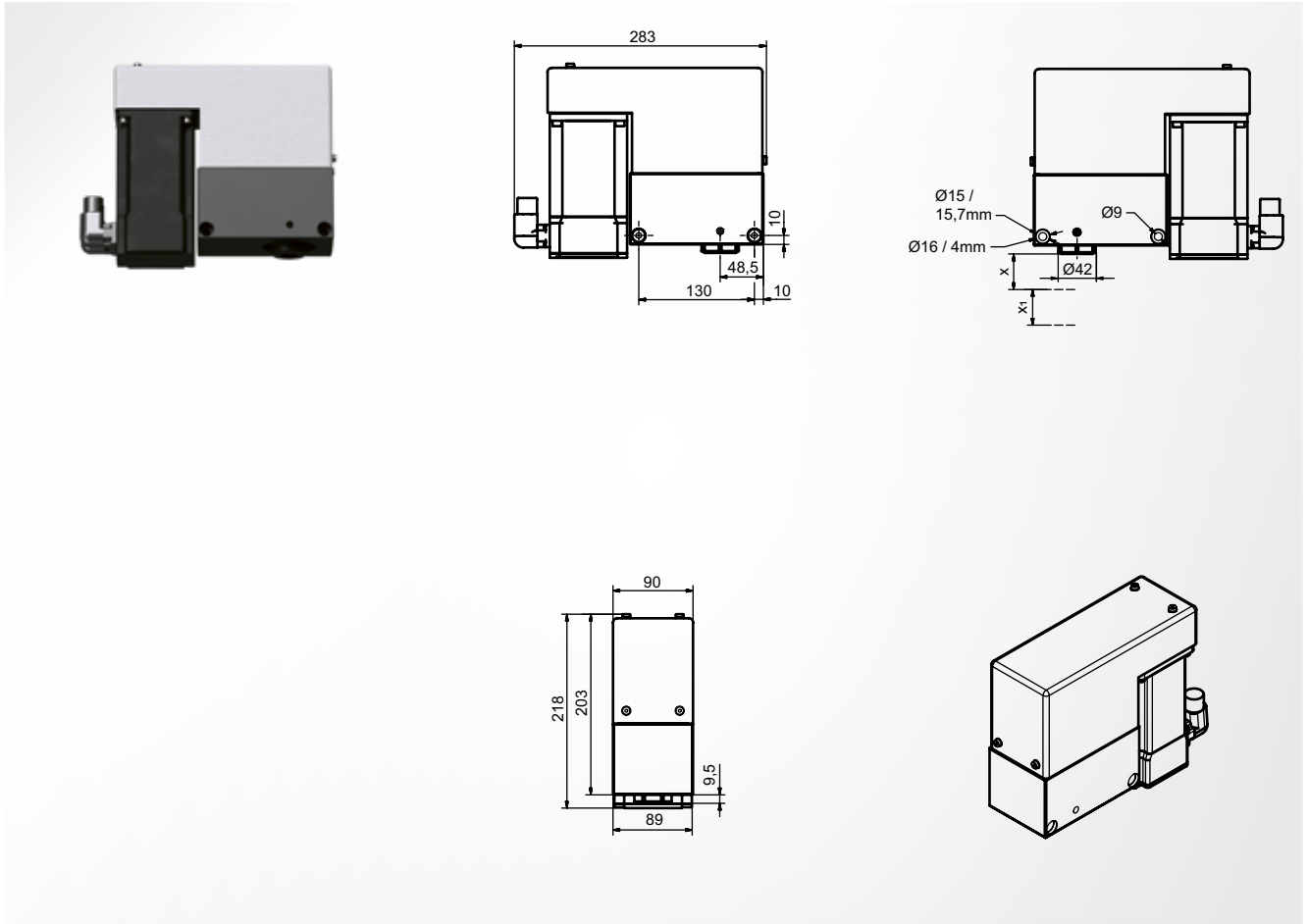
Clamping nut SZ2702-00006 and clamping key SZ2702-00007 are included in the scope of delivery; each roll tap can be used in accordance with DIN 2174

**Item number**

SZ2701-00003

# SZ2701 Tapping unit

## S-Former E2



**Ø Thread**

6-16 mm

**Number of strokes**

up to max. 70 H/min depending on the application

**Max. torque**

20 Nm

**Max. distance**

X1 = 40 mm

**Max. overhang**

X = 40 mm

**Ø Thread former shaft**

6-12 mm

**Rotational speed up to**

2500 1/min

**Note**

Clamping nut SZ2702-00025 and clamping key SZ2702-00026 are included in the scope of delivery; each roll tap can be used in accordance with DIN 2174

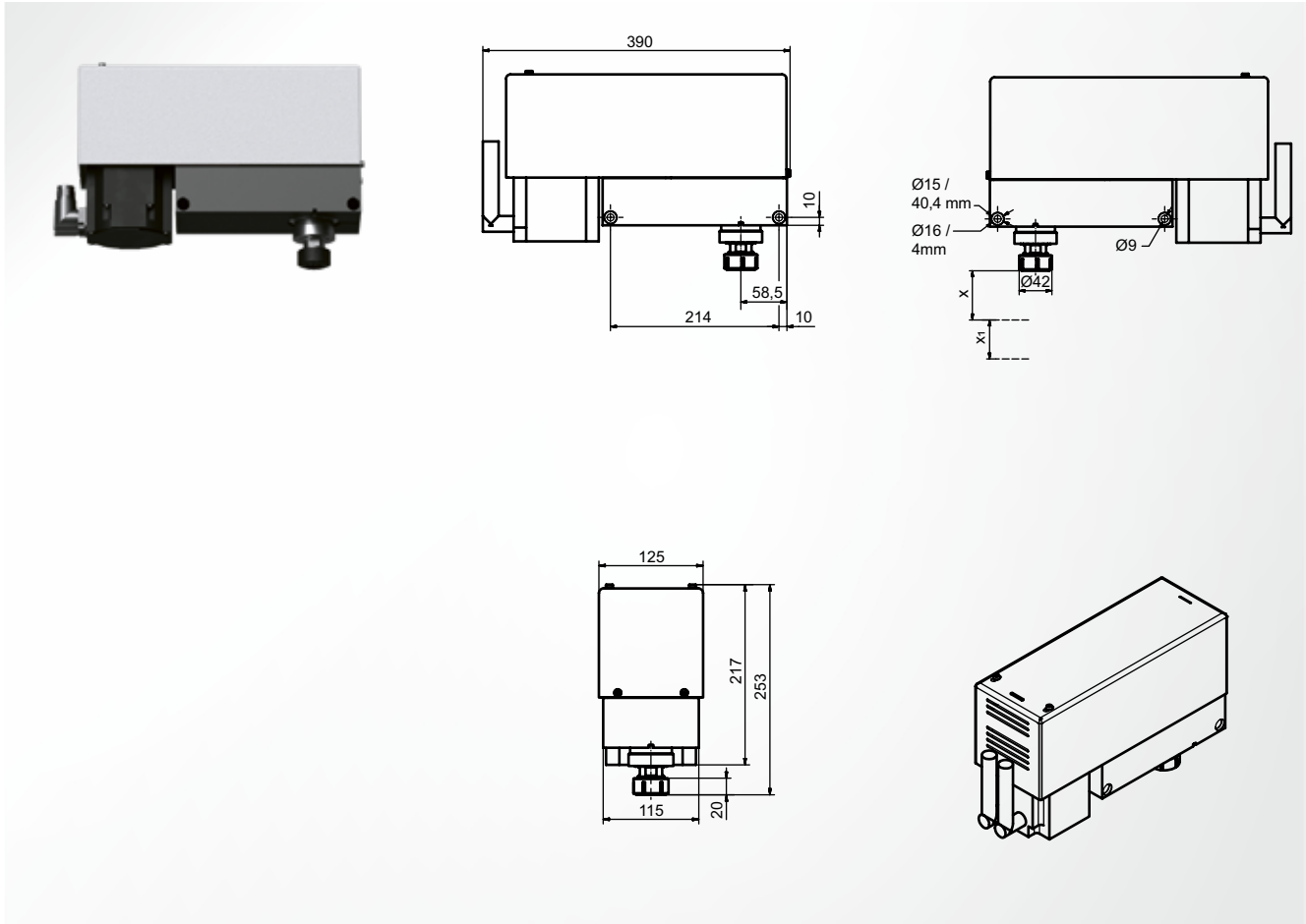
**Item number**

SZ2701-00006

# SZ2701v Tapping unit

**STEINEL®**

## S-Former E3



**Ø Thread**

8-26 mm

**Number of strokes**

up to max. 50 H/min depending on the application

**Max. torque**

40 Nm

**Max. distance**

X1 = 50 mm

**Max. overhang**

X = 63 mm

**Ø Thread former shaft**

8-16 mm

**Rotational speed up to**

1000 1/min

**Note**

Clamping nut SZ2702-00025 and clamping key SZ2702-00026 are included in the scope of delivery; each roll tap can be used in accordance with DIN 2174

**Item number**

SZ2701-00007





## Note

Each roll tap can be used in accordance with DIN 2174

Tapping unit	Shaft diameter	Square dimension	Item number
E0	2.5	2.1	SZ2702 -00009
E0	2.8	2.1	SZ2702 -00010
E0	3.5	2.7	SZ2702 -00011
E0	4.0	3.0	SZ2702 -00012
E0	4.5		SZ2702 -00013
E1.1, E1.2	3.5		SZ2702 -00001
E1.1, E1.2	4		SZ2702 -00008
E1.1, E1.2	4.5		SZ2702 -00002
E1.1, E1.2	6		SZ2702 -00003
E1.1, E1.2	7		SZ2702 -00004
E1.1, E1.2	8		SZ2702 -00005
E2, E3	6		SZ2702 -00016
E2, E3	7		SZ2702 -00017
E2, E3	8		SZ2702 -00018
E2, E3	9		SZ2702 -00019
E2, E3	10		SZ2702 -00020
E2, E3	11		SZ2702 -00021
E2, E3	12		SZ2702 -00022
E2, E3	14		SZ2702 -00023
E2, E3	16		SZ2702 -00024



## Note

Adapter and square dimension adjustment for consistent tap protrusion; the reducers are listed for each respective roll tap dimension

Tapping unit	Dimension reducer	Square dimension	Square depth	Length compensation	Item number
E1.1	M3	2,9	5	27	SZ2703 -00001
E1.1	M4	3,6	5	27	SZ2703 -00002
E1.1	M5	5,1	7	20	SZ2703 -00003
E1.1	M6	5,1	7	10	SZ2703 -00004
E1.1	M3.5	2,9	5	27	SZ2703 -00005
E1.2	M3	3,6	5	27	SZ2703 -00006
E1.2	M4	5,1	7	27	SZ2703 -00007
E1.2	M5	5,1	7	20	SZ2703 -00008
E1.2	M6	3,1	5	10	SZ2703 -00009
E2	M6	2,9	5	42	SZ2703 -00010
E2	M7	3,6	5	42	SZ2703 -00011
E2	M8	5,1	7	36	SZ2703 -00012
E2	M9	5,1	7	36	SZ2703 -00013
E2	M10	5,1	4,3	26	SZ2703 -00014
E2	M11	6,4	9,3	26	SZ2703 -00015
E2	M12 fein	7,2	10,3	26	SZ2703 -00016
E2	M12	7,2	10,3	16	SZ2703 -00017
E2	M14	9,2	12,3	16	SZ2703 -00018
E2	M14 fein	9,2	12,3	16	SZ2703 -00019
E3	M8	6,4	4,3	65	SZ2703 -00020
E3	M9	7,2	4,3	64	SZ2703 -00021
E3	M10	8,2	11,3	60	SZ2703 -00022
E3	M11	6,4	9,3	60	SZ2703 -00023
E3	M12 fein	7,2	10,3	60	SZ2703 -00024
E3	M12	7,2	9,3	49	SZ2703 -00025
E3	M14 fein	9,2	11,3	49	SZ2703 -00026
E3	M14	9,2	11,3	49	SZ2703 -00027
E3	M18 fein	11,2	13,3	49	SZ2703 -00028
E3	M18	11,2	13,3	34	SZ2703 -00029
E3	M20 fein	12,2	14,3	34	SZ2703 -00030
E3	M22 fein	14,7	16,3	34	SZ2703 -00031
E3	M24 fein	14,7	16,3	19	SZ2703 -00032

# SZ2709 Interchangeable insert

## S-Former E1.1 High-speed clamping system



### Installation information

Roll tap protrusion consistent when thread sizes are variable;  
with M4 thread the tap protrusion is smaller; tool-free roll  
tap change

Thread	Item number
M4 x 0.7, M4 x 0.5	SZ2709 -00001
M5 x 0.8, M5 x 0.5	SZ2709 -00002
M6 x 1, M6 x 0.75, M6 x 0.5	SZ2709 -00003
M8 x 1.25, UNF 5/16"	SZ2709 -00004
UNF 7/16"	SZ2709 -00005
M8 x 1	SZ2709 -00006
M10 x 1	SZ2709 -00007
M10 x 1.25	SZ2709 -00008
UNF 1/4"	SZ2709 -00009



## DIN 2174

### Note

Carbide tap deliverable upon request

### Coating

**TIN** – Tensile strengths up to 1000 N/mm<sup>2</sup>, good sliding characteristics and wear-resistant; **TICN** – Tensile strengths > 800 N/mm<sup>2</sup>, high hardness and wear resistance when toughness properties are good

Thread	core hole	Tolerance	Coating	Item number
M3 x 0.5	2.80	HX	TIN	SZ9400 <b>03 x 0.5B2</b>
			TICN	SZ9400 <b>03 x 0.5C2</b>
M4 x 0.7	3.70	HX	TIN	SZ9400 <b>04 x 0.7B2</b>
			TICN	SZ9400 <b>04 x 0.7C2</b>
M5 x 0.8	4.65	HX	TIN	SZ9400 <b>05 x 0.8B2</b>
			TICN	SZ9400 <b>05 x 0.8C2</b>
M6 x 0.5	5.80	HX	TIN	SZ9400 <b>06 x 0.5B2</b>
			TICN	SZ9400 <b>06 x 0.5C2</b>
M6 x 1	5.55	HX	TIN	SZ9400 <b>06 x 1.0B2</b>
			TICN	SZ9400 <b>06 x 1.0C2</b>
M8 x 1	7.55	HX	TIN	SZ9400 <b>08 x 1.0B2</b>
			TICN	SZ9400 <b>08 x 1.0C2</b>
M8 x 1.25	7.45	HX	TIN	SZ9400 <b>08 x 1.25B2</b>
			TICN	SZ9400 <b>08 x 1.25C2</b>
M10 x 1	9.55	HX	TIN	SZ9400 <b>10 x 1.0B2</b>
			TICN	SZ9400 <b>10 x 1.0C2</b>
M10 x 1.5	9.35	HX	TIN	SZ9400 <b>10 x 1.5B2</b>
			TICN	SZ9400 <b>10 x 1.5C2</b>
M12 x 1	11.55	HX	TIN	SZ9400 <b>12 x 1.0B2</b>
			TICN	SZ9400 <b>12 x 1.0C2</b>
M12 x 1.25	11.45	HX	TIN	SZ9400 <b>12 x 1.25B2</b>
M12 x 1.5	11.35	HX	TIN	SZ9400 <b>12 x 1.5B2</b>
			TICN	SZ9400 <b>12 x 1.5C2</b>
M12 x 1.75	11.20	HX	TIN	SZ9400 <b>12 x 1.75B2</b>
			TICN	SZ9400 <b>12 x 1.75C2</b>
UNF 7/16"-20	9.90	2B	TIN	SZ9400 <b>7/16"-20</b>