

Guide unit GU1, Series CG1

- Ø 12-25 mm
- Plain bearing
- For standard cylinders ISO 6432



Bearing type

Plain bearing

Ambient temperature min./max.

-20 ... 80 °C

Technical data

Suitable piston Ø	12 mm	20 mm	25 mm
Stroke 50	0821401095	0821401070	0821401080
100	0821401096	0821401071	0821401081
160	-	0821401072	0821401082
200	0821401097	0821401073	0821401083
250	-	0821401074	0821401084
400	-	0821401075	0821401085
600	-	-	0821401086
800	-	0821401077	0821401087
1000	-	0821401078	-

Technical data

Suitable piston Ø	12 mm	20 mm	25 mm
Weight 0 mm stroke	0,247 kg	0,66 kg	0,66 kg
+10 mm stroke	0,008 kg	0,012 kg	0,012 kg

Technical information

Guide units for cylinder Ø 12 also fit on cylinder Ø 16

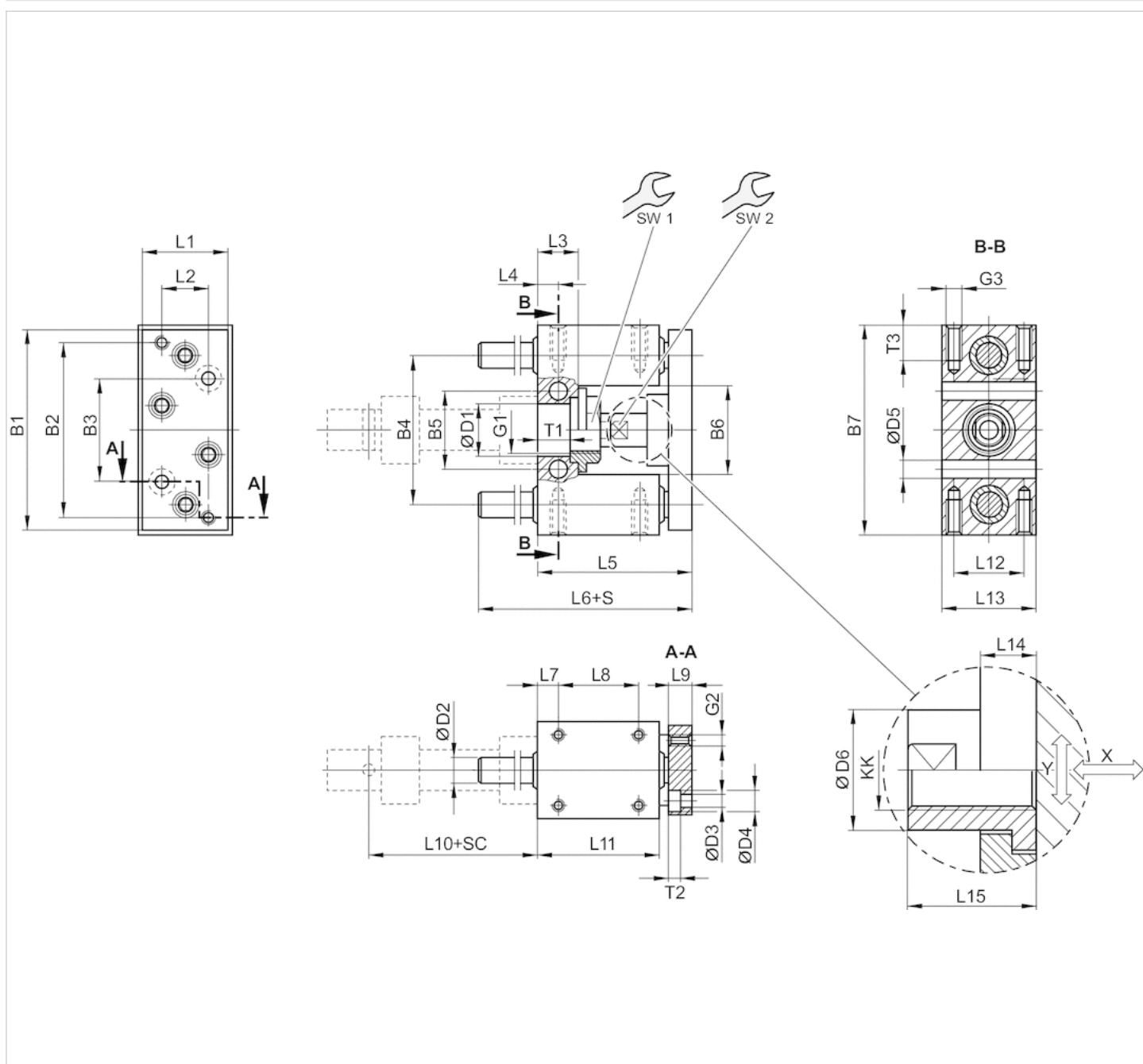
Technical information

Material	
Bearing housings	Aluminum, colorless anodized
Bearing type	Sintered bronze

Material	
Carrying plate	Aluminum, colorless anodized
Flexible coupling in carrying plate	Stainless steel
Guide rods	Hardened heat-treated steel, ground

Dimensions

Ø 12



S = stroke
 SC = cylinder stroke
 X = max. play (axial)
 Y = min. play (radial)

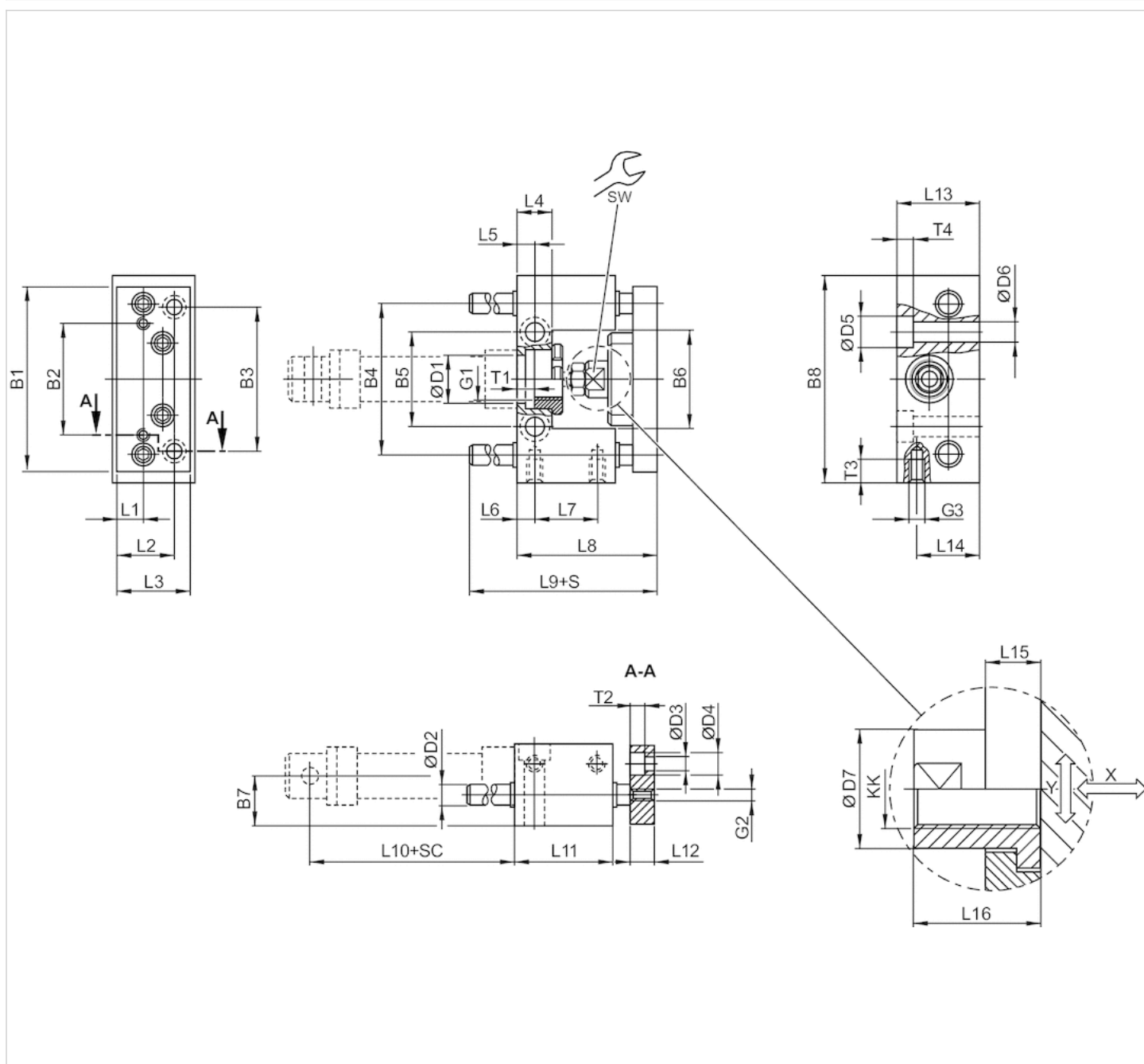
Dimensions

Piston Ø	B1	B2	B3	B4	B5	B6	B7	D1	D2	D3	D4	D5	D6	G1	G2	G3	KK	L1	L2	L3	L4	L5	L6
12 mm	63	54	32	46	24	27	65	16 H7	8	4.5	8	5.5	10	M16x1,5	M4	M4	M6	27	15	13	6.5	53	73

Piston Ø	L7	L8	L9	L10	L11	L12	L13	L14	L15	SW1	SW2	T1	T2	T3
12 mm	6.5	25	10	52.6	38	22	30	7	18	19	8	10.6	4.6	8

Dimensions

Ø 20 ... 25 mm



S = stroke
 SC = cylinder stroke
 X = max. play (axial)
 Y = min. play (radial)

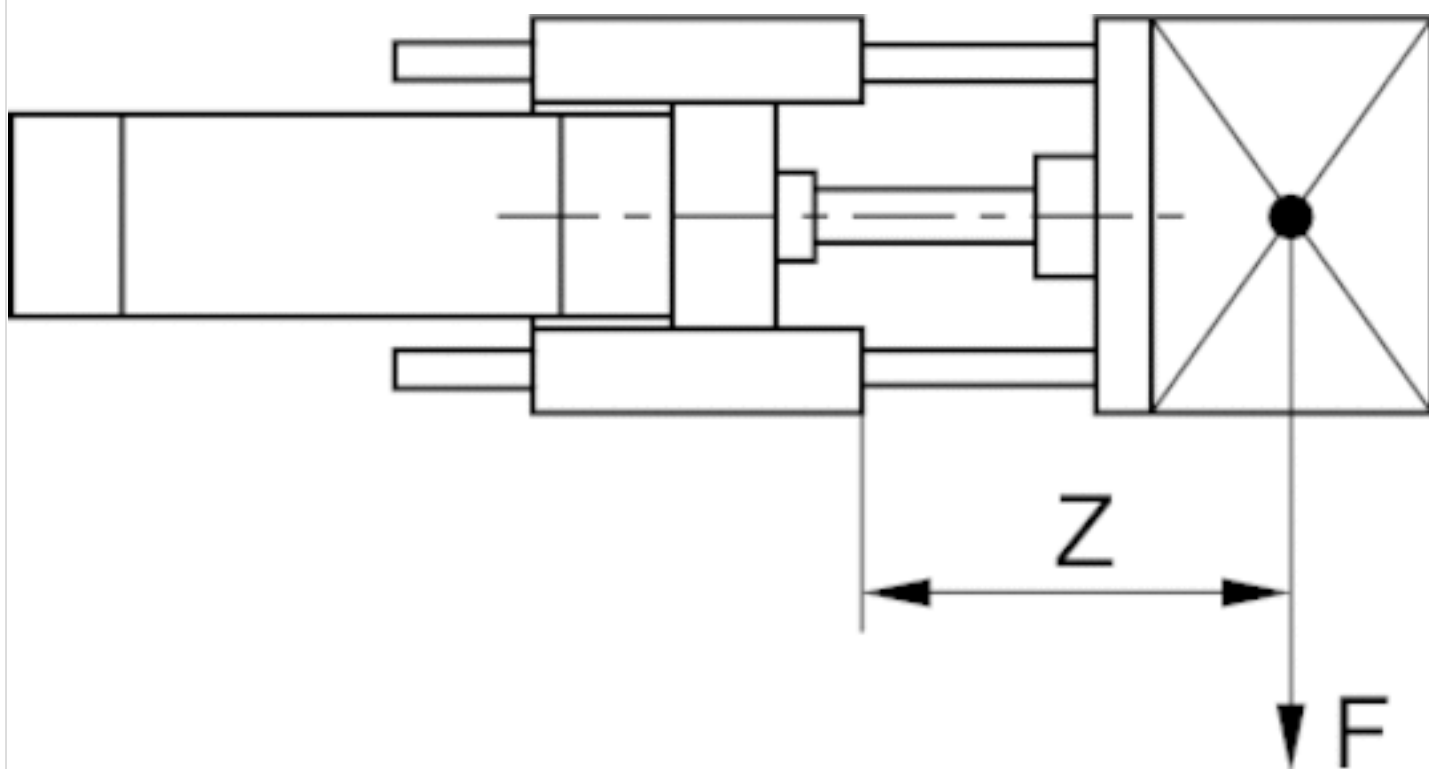
Dimensions

Piston Ø	B1	B2	B3	B4	B5	B6	B7	B8	D1	D2	D3	D4	D5	D6	D7	G1	G2	G3	KK	L1
20 mm	90	55	70	74	46.5	48	24	100	22 H7	10	6.6	11	15	9	18	M22x1,5	M6	M8	M8	14
25 mm	90	55	70	74	46.5	48	24	100	22 H7	10	6.6	11	15	9	18	M22x1,5	M6	M8	M10x1,25	14

Piston Ø	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13	L14	L15	L16	T1	T2	T3	T4	SW
20 mm	29	38	17	8.5	8	32	65	77	71	48	12	40	30	14	22	8	7	14	9	15
25 mm	29	38	17	8.5	8	32	71	77	76	48	12	40	30	14	22	8	7	14	9	15

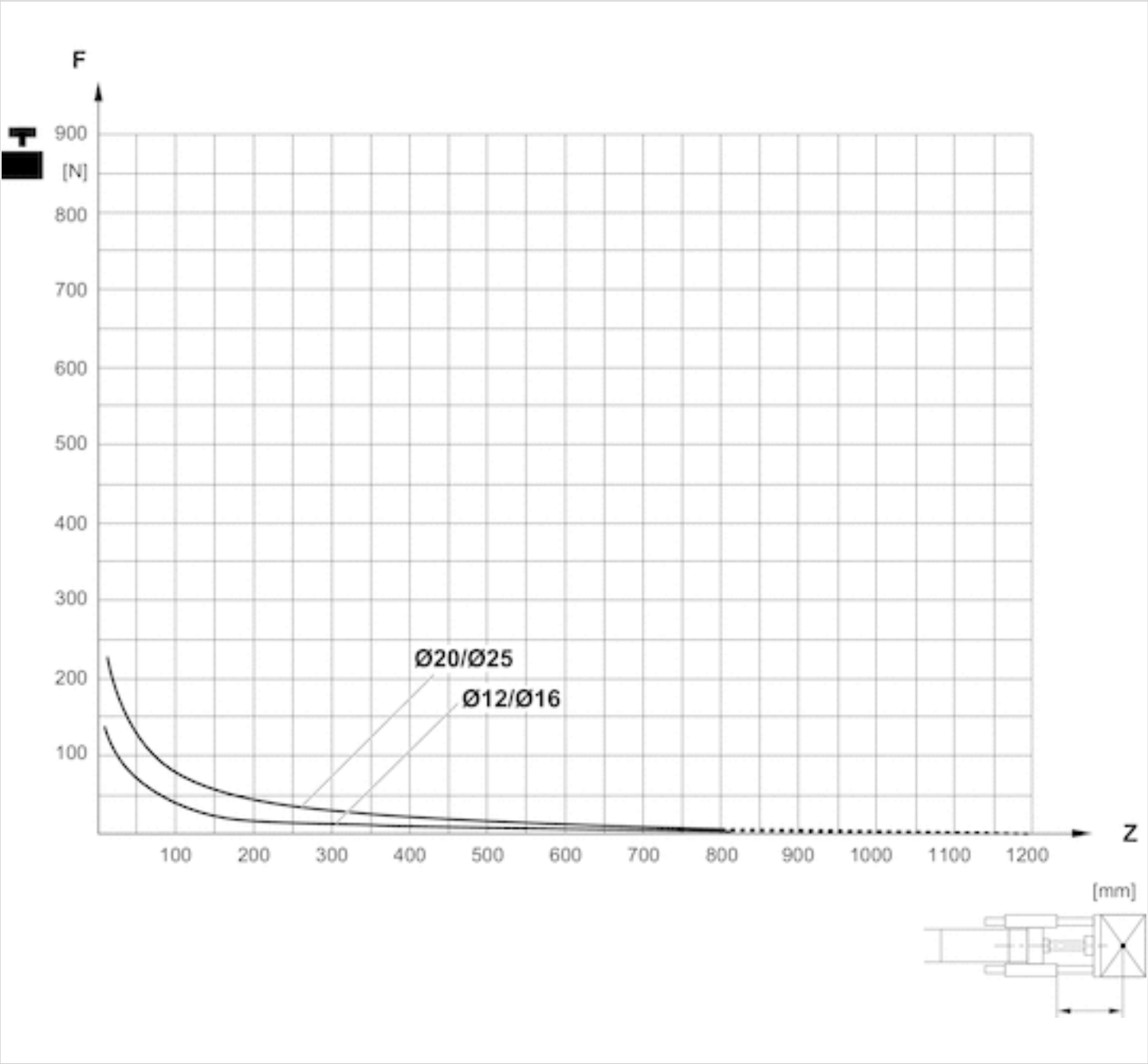
Diagrams

Useful load



F = Useful load, Z = Projection

Useful load



F = Useful load, Z = Projection

Efficient pneumatic solutions, our program: cylinders and drives, valves and valve systems, air supply management



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