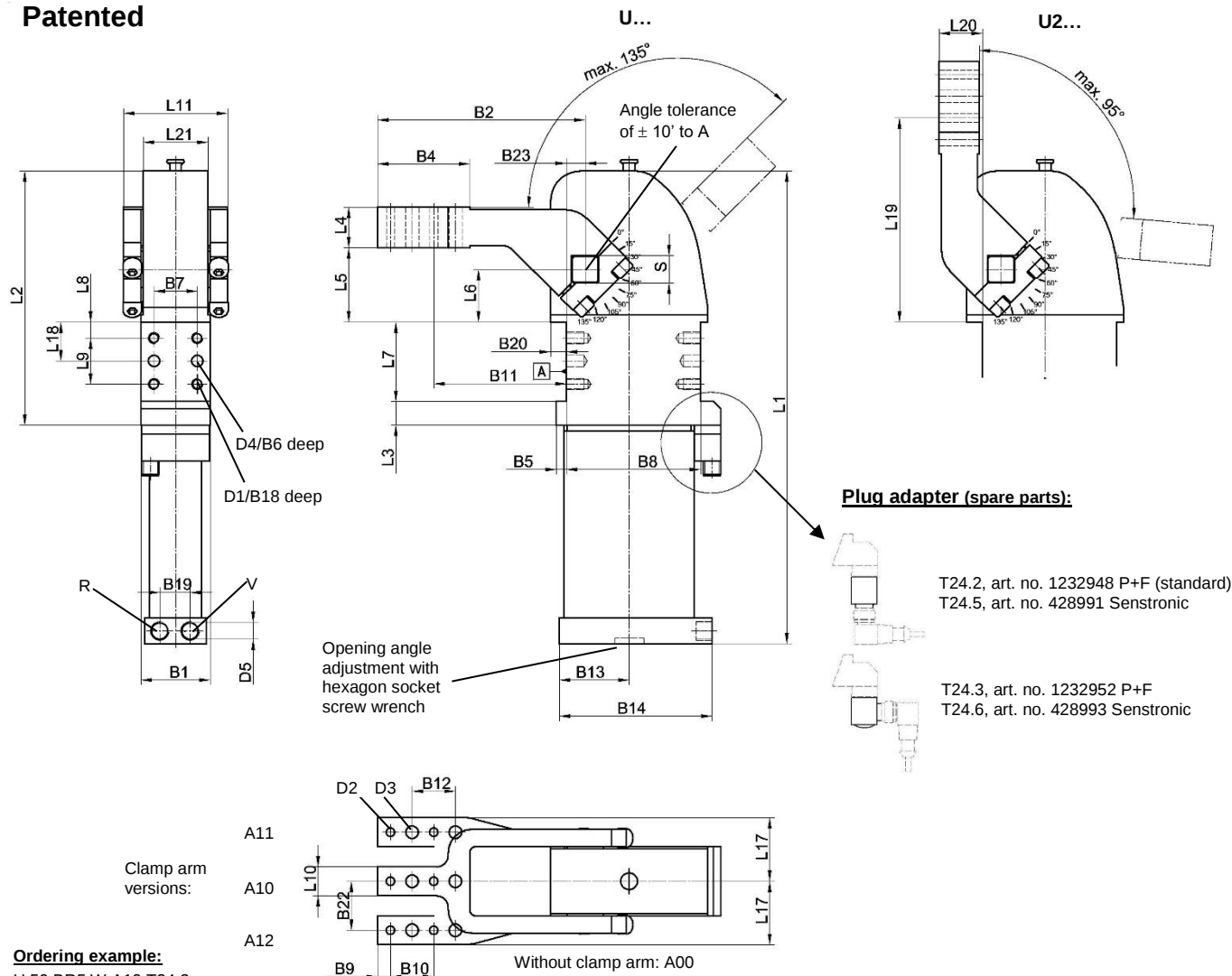


Stepless adjustable opening angle,
approx. 30% reduced air consumption at unchanged clamping force

U/U2 ... BR5 A10
5°/10° - 135°

Patented



Ordering example:

U 50 BR5 W A10 T24.2

U 50 BR5:

W:

A10:

T24.2:

Type

On request: housing coating
resistant to welding beads
Clamp arm version
Sensing system (standard)

Ordering example Tünkers sensing systems, two-piece:

...T24.1/.4

...T24.2/.5

...T24.3/.6

Without plug adapter

With straight plug adapter (standard)

With plug adapter 90° angle

Plug adapter for inductive sensor 24 V,
with integrated LED's. sensor plug M12x1

Ordering code Tünkers sensing system, one-piece, optional:

... T12

Inductive sensor, one-piece

Opening angles:

Stepless adjustable in the range of
5° to 135° (type U 50/63)
10° to 135° (type U 80)

On request:

Housing coating resistant to welding beads

*Tolerance for dowel holes ± 0.02 , for threaded holes ± 0.1 .

Medium: Air, max.6 bar, operation permitted with oil-free air.

Attention:

External throttle check valves must be provided on assembly. They are not included in the scope of delivery!

Type	Holding torque max.	Clamping moment at 5 bar	Weight ~ (kg)	B1	B2	B4	B5	B6	B7*	B8 ±0,1	B9	B10 ±0,02
U/U2 50	800 Nm	160 Nm	3,5	48	144	65	6,5	12	30	93	9	30
U/U2 63	1500 Nm	360 Nm	4,8	48	144	65	6.5	12	30	93	9	30
U/U2 80	2500 Nm	800 Nm	11.6	68	179	65	8	12	50	134	9	30

Type	B11 ±0,1	B12 ±0,2	B13	B14	B18	B19	B20	B22 ±0,1	B23	D1	D2 H7	D3	D4 H7	D5	L1	L2
U/U2 50	92	30	41	82	12	16	10,5	34	13	M8	6	9	8	G 1/8	285,5	166
U/U2 63	92	30	45,5	106	12	21	11	37	13	M8	6	9	8	G 1/4	329	175
U/U2 80	119	30	58	125,5	15	24	20	50,5	21	M10	6	9	8	G 1/4	473	257

Type	L3	L4 ±0,1	L5 ±0,2	L6 ±0,05	L7 +0,1	L8 ±0,1	L9 ±0,1	L10	L11	L17	L18 ±0,05	L19	L20 ±0,2	L21	S h9
U/U2 50	16,5	28	51,5	36,5	55	11	32	20	69	34,5	27	141,5	30	45	19
U/U2 63	16,5	28	51,5	36,5	55	11	32	20	79	39,5	27	141,5	30	48	22
U/U2 80	29	35	70	50	80	15	50	25	108	63	40	190	35	65	30