

Item description/product images

**Description****Material:**

Bronze with graphite inserts.
Steel.

Version:

Self-lubricating bronze.
Hardened steel, sliding face coated with sintered metal.

Note:

The sliding plates slide in a vertical direction.
The bronze slide elements are maintenance-free and wear-resistant.
The graphite inserts provide lifetime lubrication.
The steel sliding plates are hardened and the sliding face has a sintered metal glide coating.
The sintered metal glide coating makes the steel sliding plates maintenance-free.

Technical data:

Material properties:

Base alloys: CuZn25Al5Mn4Fe3-C.

Density: 8.2 kg/dm³.

Flexural fatigue strength: +/- 150 MPa.

Modulus of elasticity: 120,000 N/mm².

Coefficient of friction: 0.05 - 0.12.

Max. speed: 0.5 m/s.

Thermal conductivity: 50 W/(mK).

Coefficient of thermal expansion: 18x10⁻⁶ K⁻¹.

Electrically conductive: 7-8 m/(Ω·m-1).

Solid lubricant content: 20-25%.

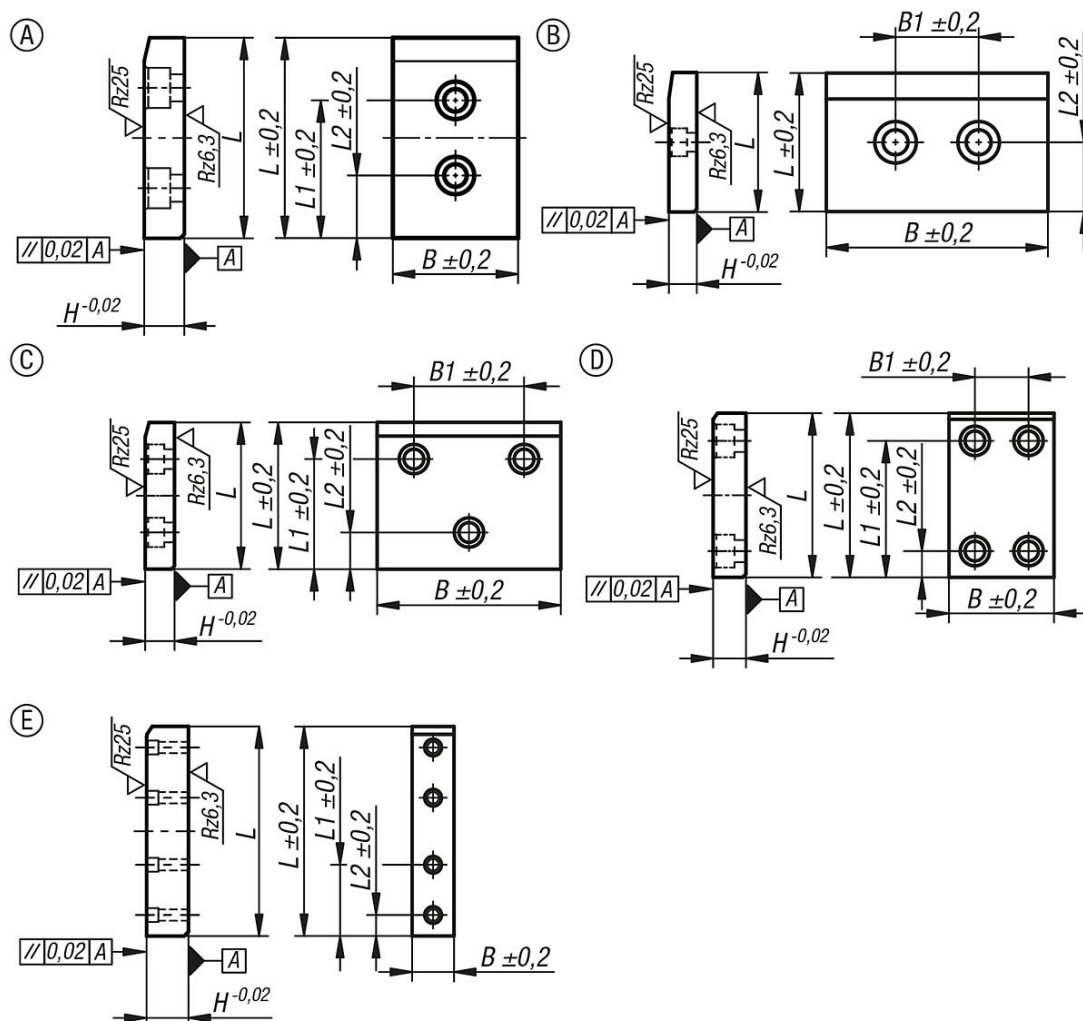
Static surface pressure: 50 N/mm².

Dynamic surface pressure: 35 N/mm².

Temperature range:

Up to 230 °C.

Drawings



Overview of items

Order No.	Form	Main material	Surface finish body	Component material	B	B1	H	L	L1	L2
23765-0050080	A	steel	hardened	-	50	-	20	80	55	25
23765-0050100	A	steel	hardened	-	50	-	20	100	75	25
23765-0050125	A	steel	hardened	-	50	-	20	125	100	25
23765-0050160	A	steel	hardened	-	50	-	20	160	135	25
23765-0050200	A	steel	hardened	-	50	-	20	200	175	25
23765-0080080	A	steel	hardened	-	80	-	20	80	55	25
23765-0080100	A	steel	hardened	-	80	-	20	100	75	25
23765-0080125	A	steel	hardened	-	80	-	20	125	100	25
23765-0080160	A	steel	hardened	-	80	-	20	160	135	25
23765-0080200	A	steel	hardened	-	80	-	20	200	175	25
23765-0080250	A	steel	hardened	-	80	-	20	250	210	40
23765-0080315	A	steel	hardened	-	80	-	20	315	275	40
23765-0100100	A	steel	hardened	-	100	-	20	100	75	25
23765-0100125	A	steel	hardened	-	100	-	20	125	100	25
23765-0100160	A	steel	hardened	-	100	-	20	160	135	25
23765-0100200	A	steel	hardened	-	100	-	20	200	175	25
23765-0100250	A	steel	hardened	-	100	-	20	250	210	40
23765-0100315	A	steel	hardened	-	100	-	20	315	275	40
23765-00500801	A	bronze	-	graphite	50	-	20	80	55	25
23765-00501001	A	bronze	-	graphite	50	-	20	100	75	25
23765-00501251	A	bronze	-	graphite	50	-	20	125	100	25
23765-00501601	A	bronze	-	graphite	50	-	20	160	135	25
23765-00502001	A	bronze	-	graphite	50	-	20	200	175	25

Overview of items

Order No.	Form	Main material	Surface finish body	Component material	B	B1	H	L	L1	L2
23765-00800801	A	bronze	-	graphite	80	-	20	80	55	25
23765-00801001	A	bronze	-	graphite	80	-	20	100	75	25
23765-00801251	A	bronze	-	graphite	80	-	20	125	100	25
23765-00801601	A	bronze	-	graphite	80	-	20	160	135	25
23765-00802001	A	bronze	-	graphite	80	-	20	200	175	25
23765-00802501	A	bronze	-	graphite	80	-	20	250	210	40
23765-00803151	A	bronze	-	graphite	80	-	20	315	275	40
23765-01001001	A	bronze	-	graphite	100	-	20	100	75	25
23765-01001251	A	bronze	-	graphite	100	-	20	125	100	25
23765-01001601	A	bronze	-	graphite	100	-	20	160	135	25
23765-01002001	A	bronze	-	graphite	100	-	20	200	175	25
23765-01002501	A	bronze	-	graphite	100	-	20	250	210	40
23765-01003151	A	bronze	-	graphite	100	-	20	315	275	40
23765-1080050	B	steel	hardened	-	80	30	20	50	-	25
23765-1100050	B	steel	hardened	-	100	50	20	50	-	25
23765-1100080	B	steel	hardened	-	100	50	20	80	-	40
23765-1125050	B	steel	hardened	-	125	75	20	50	-	25
23765-1125080	B	steel	hardened	-	125	75	20	80	-	40
23765-1160050	B	steel	hardened	-	160	110	20	50	-	25
23765-1160080	B	steel	hardened	-	160	110	20	80	-	40
23765-10800501	B	bronze	-	graphite	80	30	20	50	-	25
23765-11000501	B	bronze	-	graphite	100	50	20	50	-	25
23765-11000801	B	bronze	-	graphite	100	50	20	80	-	40
23765-11250501	B	bronze	-	graphite	125	75	20	50	-	25
23765-11250801	B	bronze	-	graphite	125	75	20	80	-	40
23765-11600501	B	bronze	-	graphite	160	110	20	50	-	25
23765-11600801	B	bronze	-	graphite	160	110	20	80	-	40
23765-2125100	C	steel	hardened	-	125	75	20	100	75	25
23765-2125125	C	steel	hardened	-	125	75	20	125	100	25
23765-2125160	C	steel	hardened	-	125	75	20	160	135	25
23765-2125200	C	steel	hardened	-	125	75	20	200	175	25
23765-2125250	C	steel	hardened	-	125	75	20	250	210	40
23765-2125315	C	steel	hardened	-	125	75	20	315	275	40
23765-2160100	C	steel	hardened	-	160	110	20	100	75	25
23765-2160125	C	steel	hardened	-	160	110	20	125	100	25
23765-2160160	C	steel	hardened	-	160	110	20	160	135	25
23765-2160200	C	steel	hardened	-	160	110	20	200	175	25
23765-21251001	C	bronze	-	graphite	125	75	20	100	75	25
23765-21251251	C	bronze	-	graphite	125	75	20	125	100	25
23765-21251601	C	bronze	-	graphite	125	75	20	160	135	25
23765-21252001	C	bronze	-	graphite	125	75	20	200	175	25
23765-21252501	C	bronze	-	graphite	125	75	20	250	210	40
23765-21253151	C	bronze	-	graphite	125	75	20	315	275	40
23765-21601001	C	bronze	-	graphite	160	110	20	100	75	25
23765-21601251	C	bronze	-	graphite	160	110	20	125	100	25
23765-21601601	C	bronze	-	graphite	160	110	20	160	135	25
23765-21602001	C	bronze	-	graphite	160	110	20	200	175	25
23765-3160250	D	steel	hardened	-	160	110	20	250	210	40
23765-3160315	D	steel	hardened	-	160	110	20	315	275	40
23765-31602501	D	bronze	-	graphite	160	110	20	250	210	40
23765-31603151	D	bronze	-	graphite	160	110	20	315	275	40
23765-40502501	E	bronze	-	graphite	50	-	20	250	85	25
23765-40503001	E	bronze	-	graphite	50	-	20	300	105	25
23765-40503501	E	bronze	-	graphite	50	-	20	350	125	25
23765-40504001	E	bronze	-	graphite	50	-	20	400	145	25
23765-40504501	E	bronze	-	graphite	50	-	20	450	165	25
23765-40505001	E	bronze	-	graphite	50	-	20	500	175	25
23765-40802501	E	bronze	-	graphite	80	-	20	250	85	25
23765-40803001	E	bronze	-	graphite	80	-	20	300	105	25
23765-40803501	E	bronze	-	graphite	80	-	20	350	125	25
23765-40804001	E	bronze	-	graphite	80	-	20	400	145	25
23765-40804501	E	bronze	-	graphite	80	-	20	450	165	25
23765-40805001	E	bronze	-	graphite	80	-	20	500	175	25
23765-41004501	E	bronze	-	graphite	100	-	20	450	165	25
23765-41005001	E	bronze	-	graphite	100	-	20	500	175	25

Overview of items

Order No.	Form	Main material	Surface finish body	Component material	B	B1	H	L	L1	L2
23765-41254501	E	bronze	-	graphite	125	-	20	450	165	25
23765-41255001	E	bronze	-	graphite	125	-	20	500	175	25