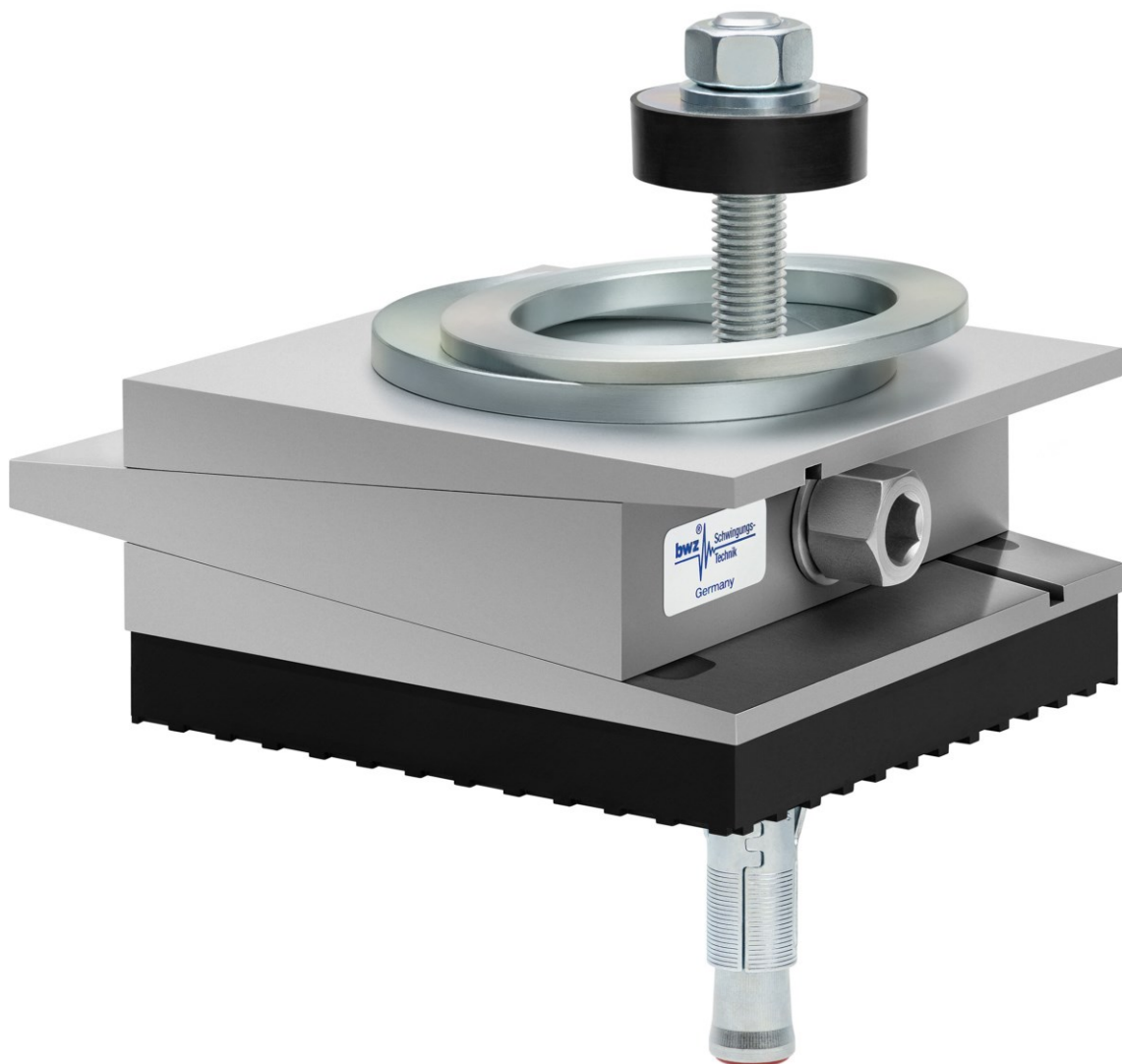




precision wedge mounts series FK

free-standing, bolt-on, bolt-through & calotte options



product overview

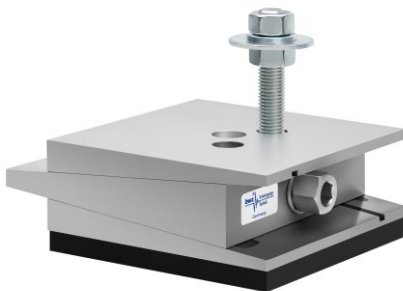
precision wedge mounts free-standing (FS)

pages 6 - 12



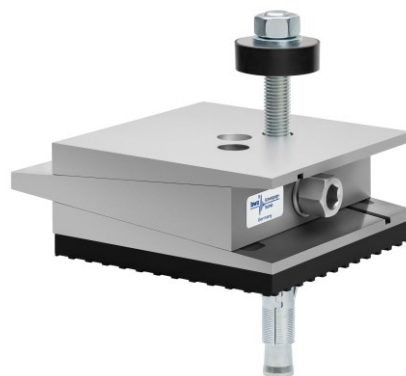
precision wedge mounts bolt-on (BO)

pages 13 - 19



precision wedge mounts bolt-through (BT)

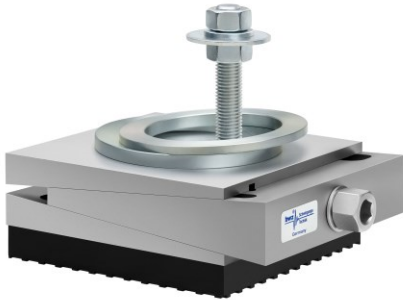
pages 20 - 26



product overview

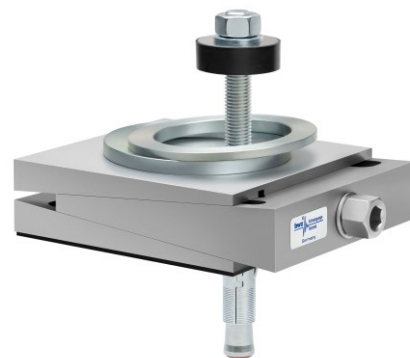
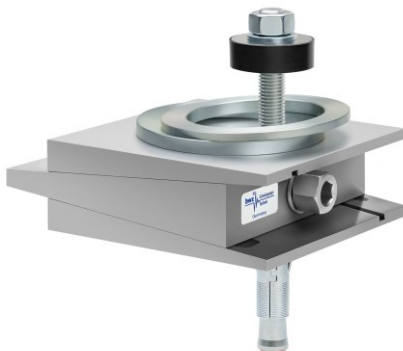
precision wedge mounts bolt-on (BO) - with calotte

pages 27 - 33



precision wedge mounts bolt-through (BT) - with calotte

pages 34 - 40



accessories for wedge mounts bolt-through (BT)

pages 41 - 43



precision wedge mounts series FK

The product range on offer regards the continued development of the nitrile rubber-based bwz® - elastomer materials (NBR). Article descriptions allow for precise type identifications - as shown in the tables hereafter.

e.g. order description: FK02/NBR7516/NBR9007 means:

FK02	precision wedge mount and type number (model size)
NBR7516	vibration dampening board NBR type in shore A
NBR9007	non-slip protection board in NBR

Soft material results in absorption of the vibration energy in the material itself and minimum transmission. For high dampening, levelling consistency and extreme static load, elastomer boards with a high hardness or low thickness are recommendable. For a high isolation grade, the intrinsic frequency has to be attuned sufficiently low. For inquiries hitherto, kindly advise on the machine mass, number of mounting points and the type of dynamic load.

elastomer selection	mounting	NBR-type	thickness	result	
		Shore A	mm		
plain		NBR9002	2	non-slip protection	
		NBR9005	5		
	structured	NBR9007	7		
hard		NBR9014	14	vibration dampening	vibration isolation
		NBR9011	11		
		NBR8516	16		
medium		NBR7516	16		
		NBR7525	25		
soft		NBR5514	14		
		NBR5518	18		

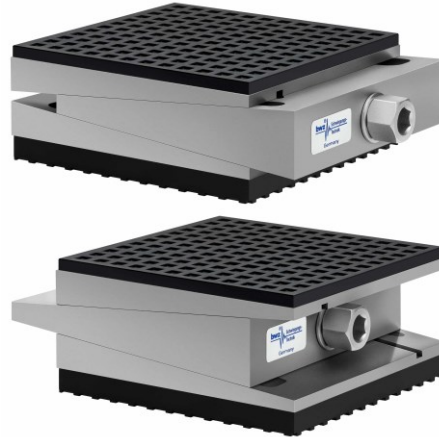
main application benefits of wedge mounts

- structured elastomer surfaces provide for extreme non-slip performance
- very good resistance towards mineral oils, gasoline, acids, lyes, water and detergents
- vibration dampening and/or vibration isolation via different elastomer shore hardnesses and expansion room in the surface structure
- free-standing version (FS)
- bolt-on version (BO)
- bolt-through version (BT)
- angle compensation / correction with spherical calotte in version K
- versions without elastomer boards for machine alignment / positioning and for levelling
- large model variety in dimensions and load capacity

product highlights



genuine bwz® - design
with milled outer contours



large adjustment range
for exact levelling



vast model variety
for all kinds of applications



convenient levelling
via central hexagonal nut

options & modifications

- change of the standard lacquering white aluminium (RAL 9006) into any RAL tone (at extra charge)
- combination of versions BT and BO as per drawing
- level increase (H_0) with added steel plates as per requirement
- change of drill scheme or mounting threads as per prior consultation
- upgrade to galvanized surface finish, e.g. nickel

For any specific questions or queries on choosing the right product, please feel free to contact us and to rely on our expertise in arresting machine vibrations.

precision wedge mounts free-standing (FS) without elastomer boards

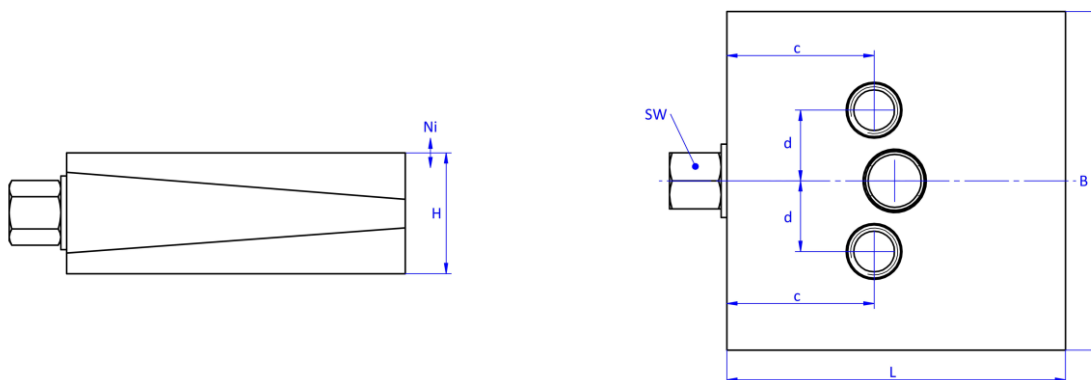
version:

bottom milled flat
top milled flat, lacquered



suitable for:

machines with long beds
measuring plates
devices with low intrinsic rigidity
as assembly aide



type without elastomer boards	article number	load	L	B	H	Ni	SW	c	d	mass
		daN	mm	mm	mm	mm	o/i	mm	mm	kg
FK 01/FS	8002 0000	2000	105	55	36	8	17/8	-	-	1,13
FK 02/FS	8003 0000	3200	115	80	37	8	17/8	45	15	1,76
FK 03/FS	8006 0000	4000	150	75	37	9	19/10	-	-	2,43
FK 04/FS	8007 0000	4600	115	115	41	9	19/10	50	24	2,80
FK 05/FS	8010 0000	5500	125	125	38	9	19/10	50	20	3,34
FK 06/FS	8013 0000	6500	200	95	47	10	24/14	-	-	5,17
FK 07/FS	8014 0000	7800	150	150	47	12	22/12	60	23	5,54
FK 07/H/FS	8017 0000	7800	150	150	57	12	22/12	60	23	6,93
FK 08/FS	8020 0000	9000	160	160	49	10	24/14	75	25	6,88
FK 10/FS	8023 0000	14000	200	200	46	10	24/14	75	27,5	10,30
FK 10/H/FS	8026 0000	14000	200	200	74	20	27/14	75	27,5	15,50
FK 11/FS	8029 0000	19000	220	250	74	20	27/14	125	62	21,43
FK 12/FS	8032 0000	28000	250	330	74	16	27/14	135	117,5	32,35
FK 13/FS	8035 0000	45000	300	400	74	20	27/14	124	70/127	41,05

precision wedge mounts free-standing (FS)

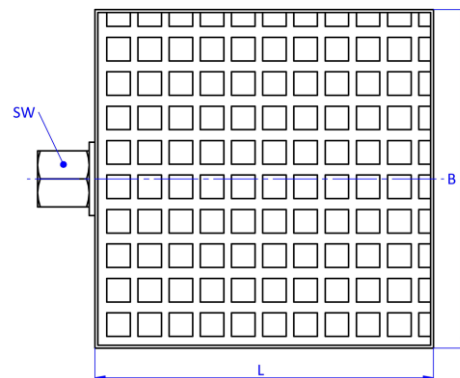
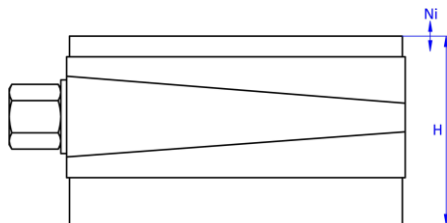
version:

bottom NBR8516 - top NBR9007
structured



suitable for:

generic machine tools
textile machines
graphics machines
machines with horizontal thrust



type	article number	load	L	B	H	Ni	SW	mass
		daN	mm	mm	mm	mm	o/i	kg
FK 01/FS/NBR8516/NBR9007	8002 0001	750	105	55	59	8	17/8	1,28
FK 02/FS/NBR8516/NBR9007	8003 0001	1350	115	80	60	8	17/8	2,02
FK 03/FS/NBR8516/NBR9007	8006 0001	1650	150	75	58	9	19/10	2,72
FK 04/FS/NBR8516/NBR9007	8007 0001	2000	115	115	62	9	19/10	3,13
FK 05/FS/NBR8516/NBR9007	8010 0001	2350	125	125	59	9	19/10	3,74
FK 06/FS/NBR8516/NBR9007	8013 0001	2850	200	95	69	10	24/14	5,67
FK 07/FS/NBR8516/NBR9007	8014 0001	3400	150	150	68	12	22/12	6,12
FK 07/H/FS/NBR8516/NBR9007	8017 0001	3400	150	150	78	12	22/12	7,52
FK 08/FS/NBR8516/NBR9007	8020 0001	3800	160	160	72	10	24/14	7,60
FK 10/FS/NBR8516/NBR9007	8023 0001	6000	200	200	67	10	24/14	11,36
FK 10/H/FS/NBR8516/NBR9007	8026 0001	6000	200	200	95	20	27/14	16,55
FK 11/FS/NBR8516/NBR9007	8029 0001	8200	220	250	97	20	27/14	22,99
FK 12/FS/NBR8516/NBR9007	8032 0001	12400	250	330	97	16	27/14	34,70
FK 13/FS/NBR8516/NBR9007	8035 0001	18000	300	400	97	20	27/14	44,32

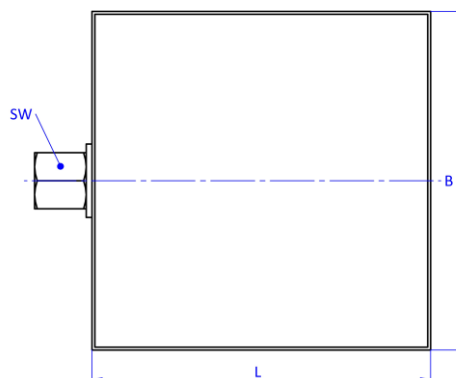
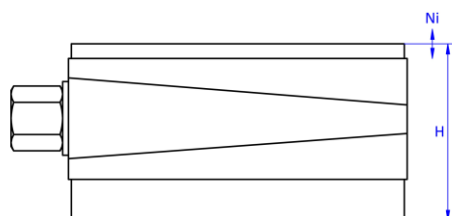
precision wedge mounts free-standing (FS)

version:

bottom NBR9014 - top NBR9005
plain

suitable for:

machining centres
transfer lines
cnc-machine tools
round- and flat grinding machines
long-bedded machines with low
intrinsic rigidity
drilling & milling gear



type	article number	load	L	B	H	Ni	SW	mass
		daN						mm
FK 01/FS/NBR9014/NBR9005	8002 0002	1000	105	55	55	8	17/8	1,27
FK 02/FS/NBR9014/NBR9005	8003 0002	1800	115	80	56	8	17/8	1,99
FK 03/FS/NBR9014/NBR9005	8006 0002	2200	150	75	57	9	19/10	2,72
FK 04/FS/NBR9014/NBR9005	8007 0002	2600	115	115	62	9	19/10	3,13
FK 05/FS/NBR9014/NBR9005	8010 0002	3100	125	125	59	9	19/10	3,74
FK 06/FS/NBR9014/NBR9005	8013 0002	3800	200	95	69	10	24/14	5,67
FK 07/FS/NBR9014/NBR9005	8014 0002	4500	150	150	68	12	22/12	6,14
FK 07/H/FS/NBR9014/NBR9005	8017 0002	4500	150	150	78	12	22/12	7,52
FK 08/FS/NBR9014/NBR9005	8020 0002	5100	160	160	68	10	24/14	7,50
FK 10/FS/NBR9014/NBR9005	8023 0002	8000	200	200	67	10	24/14	11,36
FK 10/H/FS/NBR9014/NBR9005	8026 0002	8000	200	200	95	20	27/14	16,55
FK 11/FS/NBR9014/NBR9005	8029 0002	11000	220	250	93	20	27/14	22,80
FK 12/FS/NBR9014/NBR9005	8032 0002	16500	250	330	93	16	27/14	34,42
FK 13/FS/NBR9014/NBR9005	8035 0002	24000	300	400	93	20	27/14	44,04

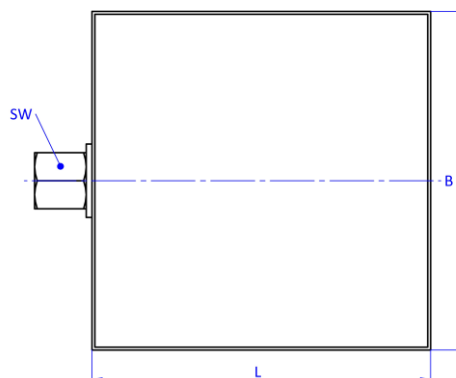
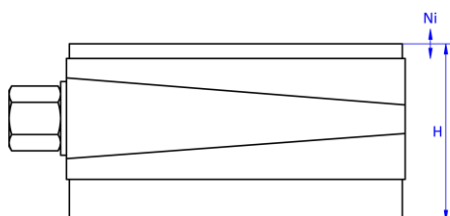
precision wedge mounts free-standing (FS)

version:

bottom NBR5514 - top NBR9005
plain

suitable for:

passive isolation with
metrology gear
scales
dosage units
optical devices
critical storey installations



type	article number	load	L	B	H	Ni	SW	mass
		daN	mm	mm	mm	mm	o/i	kg
FK 01/FS/NBR5514/NBR9005	8002 0003	290	105	55	55	8	17/8	1,26
FK 02/FS/NBR5514/NBR9005	8003 0003	460	115	80	56	8	17/8	1,97
FK 03/FS/NBR5514/NBR9005	8006 0003	560	150	75	56	9	19/10	2,69
FK 04/FS/NBR5514/NBR9005	8007 0003	660	115	115	61	9	19/10	3,10
FK 05/FS/NBR5514/NBR9005	8010 0003	780	125	125	59	9	19/10	3,74
FK 06/FS/NBR5514/NBR9005	8013 0003	950	200	95	67	10	24/14	5,61
FK 07/FS/NBR5514/NBR9005	8014 0003	1120	150	150	68	12	22/12	6,08
FK 07/H/FS/NBR5514/NBR9005	8017 0003	1120	150	150	78	12	22/12	7,47
FK 08/FS/NBR5514/NBR9005	8020 0003	1250	160	160	68	10	24/14	7,47
FK 10/FS/NBR5514/NBR9005	8023 0003	2000	200	200	66	10	24/14	11,27
FK 10/H/FS/NBR5514/NBR9005	8026 0003	2000	200	200	94	20	27/14	16,46
FK 11/FS/NBR5514/NBR9005	8029 0003	2750	220	250	93	20	27/14	22,70
FK 12/FS/NBR5514/NBR9005	8032 0003	4120	250	330	93	16	27/14	34,26
FK 13/FS/NBR5514/NBR9005	8035 0003	6000	300	400	93	20	27/14	43,85

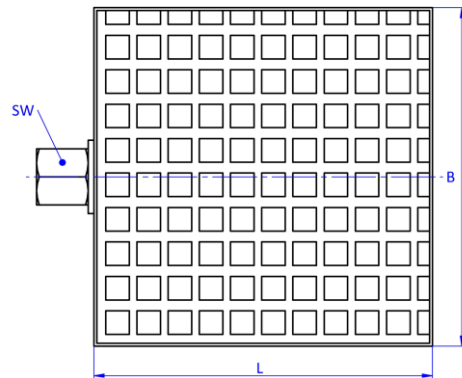
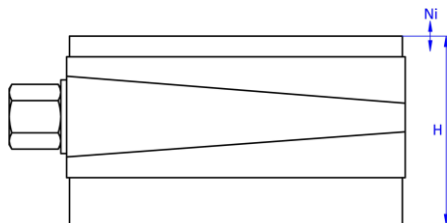
precision wedge mounts free-standing (FS)

version:

bottom NBR7516 - top NBR9007
structured

suitable for:

highly dynamic machines
presses
shears
punches
plastic-injection molding machines
compressors
pumps



type	article number	load	L	B	H	Ni	SW	mass
		daN	mm	mm	mm	mm	o/i	kg
FK 01/FS/NBR7516/NBR9007	8002 0004	650	105	55	59	8	17/8	1,28
FK 02/FS/NBR7516/NBR9007	8003 0004	1000	115	80	60	8	17/8	2,02
FK 03/FS/NBR7516/NBR9007	8006 0004	1100	150	75	58	9	19/10	2,71
FK 04/FS/NBR7516/NBR9007	8007 0004	1300	115	115	63	9	19/10	3,13
FK 05/FS/NBR7516/NBR9007	8010 0004	1600	125	125	60	9	19/10	3,72
FK 06/FS/NBR7516/NBR9007	8013 0004	1900	200	95	69	10	24/14	5,66
FK 07/FS/NBR7516/NBR9007	8014 0004	2300	150	150	69	12	22/12	6,12
FK 07/H/FS/NBR7516/NBR9007	8017 0004	2300	150	150	79	12	22/12	7,51
FK 08/FS/NBR7516/NBR9007	8020 0004	2600	160	160	72	10	24/14	7,57
FK 10/FS/NBR7516/NBR9007	8023 0004	4000	200	200	68	10	24/14	11,35
FK 10/H/FS/NBR7516/NBR9007	8026 0004	4000	200	200	96	20	27/14	16,54
FK 11/FS/NBR7516/NBR9007	8029 0004	5500	220	250	97	20	27/14	22,93
FK 12/FS/NBR7516/NBR9007	8032 0004	8300	250	330	97	16	27/14	34,60
FK 13/FS/NBR7516/NBR9007	8035 0004	12000	300	400	97	20	27/14	44,32

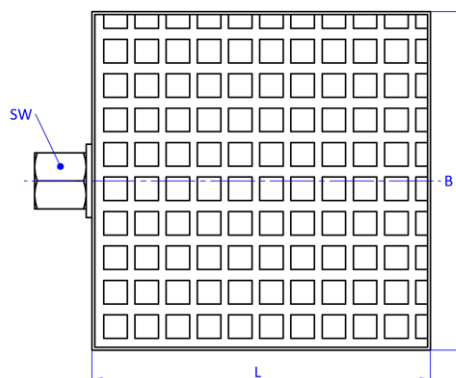
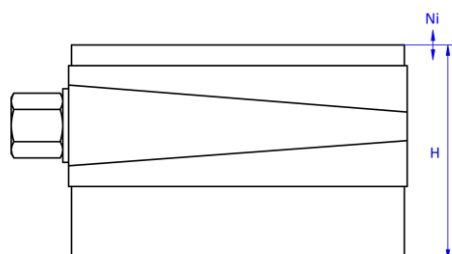
precision wedge mounts free-standing (FS)

version:

bottom NBR7525 - top NBR9007
structured

suitable for:

highly dynamic machines
presses
shears
punches
plastic-injection molding machines
compressors
pumps
higher isolation grade as compared to version with NBR7516 at bottom



type	article number	load	L	B	H	Ni	SW	mass
		daN						mm
FK 01/FS/NBR7525/NBR9007	8002 0005	650	105	55	68	8	17/8	1,33
FK 02/FS/NBR7525/NBR9007	8003 0005	1000	115	80	69	8	17/8	2,10
FK 03/FS/NBR7525/NBR9007	8006 0005	1100	150	75	68	9	19/10	2,83
FK 04/FS/NBR7525/NBR9007	8007 0005	1300	115	115	72	9	19/10	3,27
FK 05/FS/NBR7525/NBR9007	8010 0005	1600	125	125	69	9	19/10	3,91
FK 06/FS/NBR7525/NBR9007	8013 0005	1900	200	95	78	10	24/14	5,84
FK 07/FS/NBR7525/NBR9007	8014 0005	2300	150	150	78	12	22/12	6,34
FK 07/H/FS/NBR7525/NBR9007	8017 0005	2300	150	150	88	12	22/12	7,73
FK 08/FS/NBR7525/NBR9007	8020 0005	2600	160	160	81	10	24/14	7,80
FK 10/FS/NBR7525/NBR9007	8023 0005	4000	200	200	77	10	24/14	11,73
FK 10/H/FS/NBR7525/NBR9007	8026 0005	4000	200	200	105	20	27/14	16,92
FK 11/FS/NBR7525/NBR9007	8029 0005	5500	220	250	106	20	27/14	23,46
FK 12/FS/NBR7525/NBR9007	8032 0005	8300	250	330	106	16	27/14	35,41
FK 13/FS/NBR7525/NBR9007	8035 0005	12000	300	400	106	20	27/14	45,55

precision wedge mounts free-standing (FS)

version:

bottom NBR9002 - top NBR9002

plain

only non-slip protection

suitable for:

machining centres

transfer lines

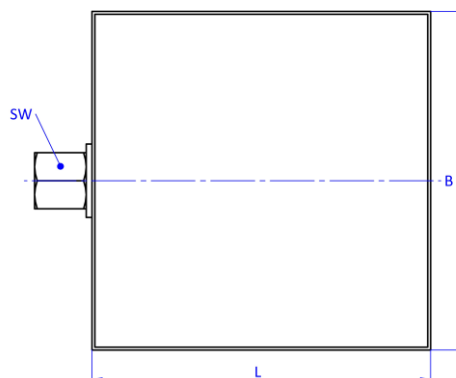
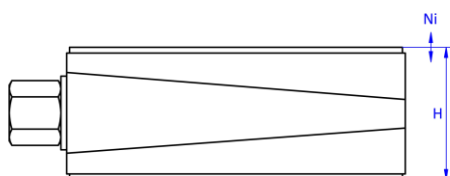
cnc-machine tools

round- and flat grinding machines

long-bedded machines with low

intrinsic rigidity

drilling & milling gear



type	article number	load	L	B	H	Ni	SW	mass
		daN	mm	mm	mm	mm	o/i	kg
FK 01/FS/NBR9002/NBR9002	8002 0006	1000	105	55	40	8	17/8	1,16
FK 02/FS/NBR9002/NBR9002	8003 0006	1800	115	80	41	8	17/8	1,80
FK 03/FS/NBR9002/NBR9002	8006 0006	2200	150	75	41	9	19/10	2,50
FK 04/FS/NBR9002/NBR9002	8007 0006	2600	115	115	45	9	19/10	2,88
FK 05/FS/NBR9002/NBR9002	8010 0006	3100	125	125	42	9	19/10	3,43
FK 06/FS/NBR9002/NBR9002	8013 0006	3800	200	95	51	10	24/14	5,26
FK 07/FS/NBR9002/NBR9002	8014 0006	4500	150	150	51	12	22/12	5,66
FK 07/H/FS/NBR9002/NBR9002	8017 0006	4500	150	150	61	12	22/12	7,05
FK 08/FS/NBR9002/NBR9002	8020 0006	5100	160	160	53	10	24/14	7,03
FK 10/FS/NBR9002/NBR9002	8023 0006	8000	200	200	50	10	24/14	10,52
FK 10/H/FS/NBR9002/NBR9002	8026 0006	8000	200	200	78	20	27/14	15,71
FK 11/FS/NBR9002/NBR9002	8029 0006	11000	220	250	78	20	27/14	21,76
FK 12/FS/NBR9002/NBR9002	8032 0006	16500	250	330	78	16	27/14	32,86
FK 13/FS/NBR9002/NBR9002	8035 0006	24000	300	400	78	20	27/14	41,71

precision wedge mounts bolt-on (BO) without elastomer board

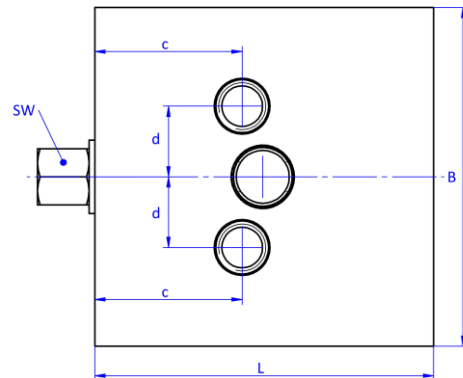
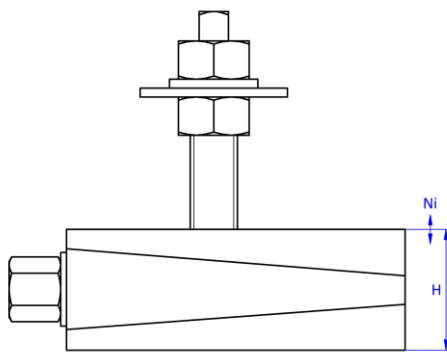
version:

bottom milled flat
top milled flat, lacquered

on request with screw, nuts and washers

suitable for:

machines with long beds
measuring plates
devices with low intrinsic rigidity
as assembly aide



type without elastomer board	article number	load	L	B	H	Ni	SW	c	d	thread	mass
		daN									
FK 02/BO	8004 0000	3200	115	80	37	8	17/8	45	15	M12	1,76
FK 04/BO	8008 0000	4600	115	115	41	9	19/10	50	24	M16	2,80
FK 05/BO	8011 0000	5500	125	125	38	9	19/10	50	20	M16	3,34
FK 07/BO	8015 0000	7800	150	150	47	12	22/12	60	23	M16	5,54
FK 07/H/BO	8018 0000	7800	150	150	57	12	22/12	60	23	M16	6,93
FK 08/BO	8021 0000	9000	160	160	49	10	24/14	75	25	M16	6,88
FK 10/BO	8024 0000	14000	200	200	46	10	24/14	75	27,5	M20	10,30
FK 10/H/BO	8027 0000	14000	200	200	74	20	27/14	75	27,5	M20	15,50
FK 11/BO	8030 0000	19000	220	250	74	20	27/14	125	62	M20	21,43
FK 12/BO	8033 0000	28000	250	330	74	16	27/14	135	117,5	M24	32,35
FK 13/BO	8036 0000	45000	300	400	74	20	27/14	124	70/127	M24	41,05

precision wedge mounts bolt-on (BO)

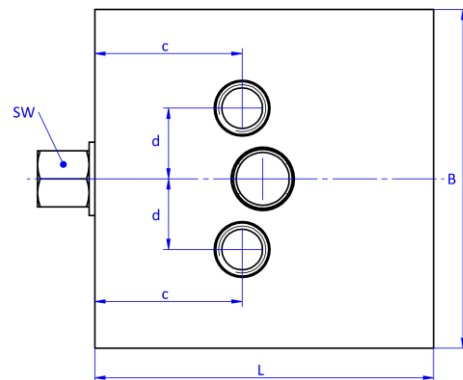
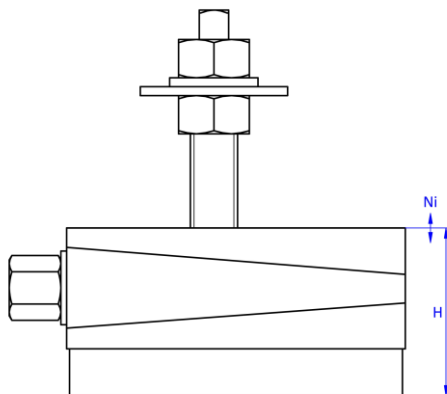
version:

bottom NBR8516
structured
top milled flat, lacquered

on request with screw, nuts and washers

suitable for:

generic machine tools
textile machines
graphics machines
machines with horizontal thrust



type	article number	load	L	B	H	Ni	SW	c	d	thread	mass
		daN								mm	mm
FK 02/BO/NBR8516	8004 0001	1350	115	80	53	8	17/8	45	15	M12	1,94
FK 04/BO/NBR8516	8008 0001	2000	115	115	56	9	19/10	50	24	M16	3,04
FK 05/BO/NBR8516	8011 0001	2350	125	125	53	9	19/10	50	20	M16	3,63
FK 07/BO/NBR8516	8015 0001	3400	150	150	62	12	22/12	60	23	M16	5,96
FK 07/H/BO/NBR8516	8018 0001	3400	150	150	72	12	22/12	60	23	M16	7,35
FK 08/BO/NBR8516	8021 0001	3800	160	160	65	10	24/14	75	25	M16	7,38
FK 10/BO/NBR8516	8024 0001	6000	200	200	61	10	24/14	75	27,5	M20	11,08
FK 10/H/BO/NBR8516	8027 0001	6000	200	200	89	20	27/14	75	27,5	M20	16,27
FK 11/BO/NBR8516	8030 0001	8200	220	250	90	20	27/14	125	62	M20	22,52
FK 12/BO/NBR8516	8033 0001	12400	250	330	90	16	27/14	135	117,5	M24	33,99
FK 13/BO/NBR8516	8036 0001	18000	300	400	90	20	27/14	124	70/127	M24	43,45

precision wedge mounts bolt-on (BO)

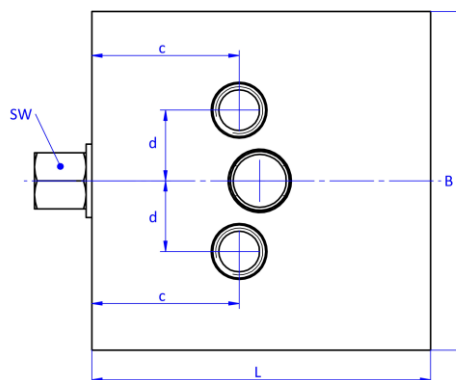
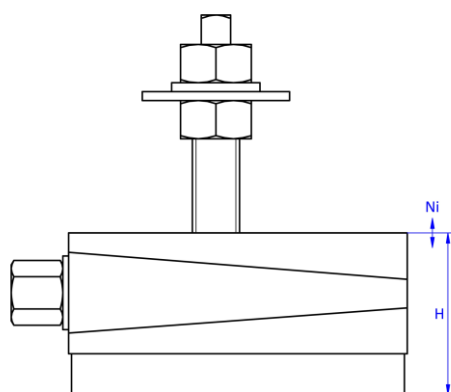
version:

bottom NBR9014
plain
top milled flat, lacquered

on request with screw, nuts and washers

suitable for:

machining centres
transfer lines
cnc-machine tools
round- and flat grinding machines
long-bedded machines with low
intrinsic rigidity
drilling & milling gear



type	article number	load	L	B	H	Ni	SW	c	d	thread	mass
		daN								mm	mm
FK 02/BO/NBR9014	8004 0002	1800	115	80	51	8	17/8	45	15	M12	1,93
FK 04/BO/NBR9014	8008 0002	2600	115	115	56	9	19/10	50	24	M16	3,04
FK 05/BO/NBR9014	8011 0002	3100	125	125	53	9	19/10	50	20	M16	3,63
FK 07/BO/NBR9014	8015 0002	4500	150	150	62	12	22/12	60	23	M16	5,98
FK 07/H/BO/NBR9014	8018 0002	4500	150	150	72	12	22/12	60	23	M16	7,34
FK 08/BO/NBR9014	8021 0002	5100	160	160	63	10	24/14	75	25	M16	7,33
FK 10/BO/NBR9014	8024 0002	8000	200	200	61	10	24/14	75	27,5	M20	11,08
FK 10/H/BO/NBR9014	8027 0002	8000	200	200	89	20	27/14	75	27,5	M20	16,27
FK 11/BO/NBR9014	8030 0002	11000	220	250	88	20	27/14	125	62	M20	22,45
FK 12/BO/NBR9014	8033 0002	16500	250	330	88	16	27/14	135	117,5	M24	33,88
FK 13/BO/NBR9014	8036 0002	24000	300	400	88	20	27/14	124	70/127	M24	43,25

precision wedge mounts bolt-on (BO)

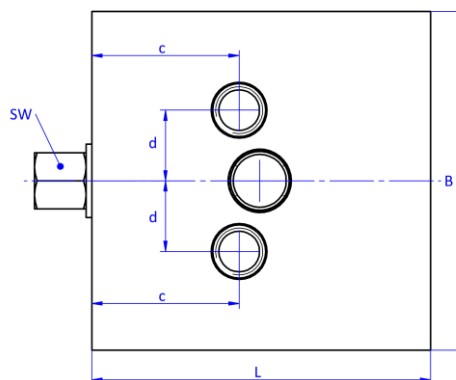
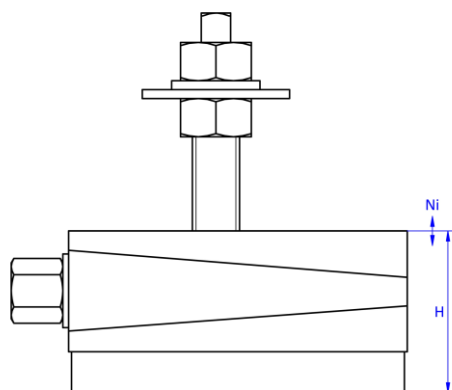
version:

bottom NBR5514
plain
top milled flat, lacquered

on request with screw, nuts and washers

suitable for:

passive isolation with
metrology gear
scales
dosage units
optical devices
critical storey installations



type	article number	load	L	B	H	Ni	SW	c	d	thread	mass
		daN								mm	mm
FK 02/BO/NBR5514	8004 0003	460	115	80	51	8	17/8	45	15	M12	1,91
FK 04/BO/NBR5514	8008 0003	660	115	115	55	9	19/10	50	24	M16	3,02
FK 05/BO/NBR5514	8011 0003	780	125	125	52	9	19/10	50	20	M16	3,60
FK 07/BO/NBR5514	8015 0003	1120	150	150	61	12	22/12	60	23	M16	5,91
FK 07/H/BO/NBR5514	8018 0003	1120	150	150	71	12	22/12	60	23	M16	7,31
FK 08/BO/NBR5514	8021 0003	1250	160	160	63	10	24/14	75	25	M16	7,30
FK 10/BO/NBR5514	8024 0003	2000	200	200	60	10	24/14	75	27,5	M20	10,98
FK 10/H/BO/NBR5514	8027 0003	2000	200	200	88	20	27/14	75	27,5	M20	16,17
FK 11/BO/NBR5514	8030 0003	2750	220	250	88	20	27/14	125	62	M20	22,34
FK 12/BO/NBR5514	8033 0003	4120	250	330	88	16	27/14	135	117,5	M24	33,72
FK 13/BO/NBR5514	8036 0003	6000	300	400	88	20	27/14	124	70/127	M24	43,06

precision wedge mounts bolt-on (BO)

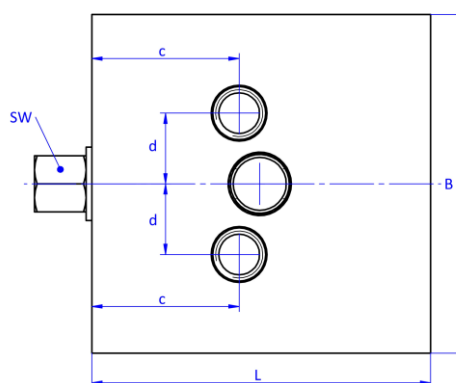
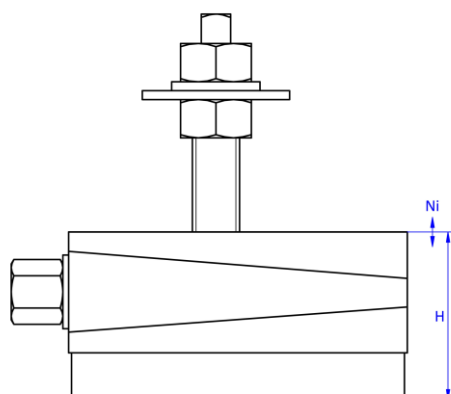
version:

bottom NBR7516
structured
top milled flat, lacquered

on request with screw, nuts and washers

suitable for:

highly dynamic machines
presses
shears
punches
plastic-injection molding machines
compressors
pumps



type	article number	load	L	B	H	Ni	SW	c	d	thread	mass
		daN									mm
FK 02/BO/NBR7516	8004 0004	1000	115	80	53	8	17/8	45	15	M12	1,94
FK 04/BO/NBR7516	8008 0004	1300	115	115	57	9	19/10	50	24	M16	3,04
FK 05/BO/NBR7516	8011 0004	1600	125	125	54	9	19/10	50	20	M16	3,61
FK 07/BO/NBR7516	8015 0004	2300	150	150	63	12	22/12	60	23	M16	5,96
FK 07/H/BO/NBR7516	8018 0004	2300	150	150	73	12	22/12	60	23	M16	7,35
FK 08/BO/NBR7516	8021 0004	2600	160	160	65	10	24/14	75	25	M16	7,35
FK 10/BO/NBR7516	8024 0004	4000	200	200	62	10	24/14	75	27,5	M20	11,06
FK 10/H/BO/NBR7516	8027 0004	4000	200	200	90	20	27/14	75	27,5	M20	16,25
FK 11/BO/NBR7516	8030 0004	5500	220	250	90	20	27/14	125	62	M20	22,45
FK 12/BO/NBR7516	8033 0004	8300	250	330	90	16	27/14	135	117,5	M24	33,89
FK 13/BO/NBR7516	8036 0004	12000	300	400	90	20	27/14	124	70/127	M24	43,29

precision wedge mounts bolt-on (BO)

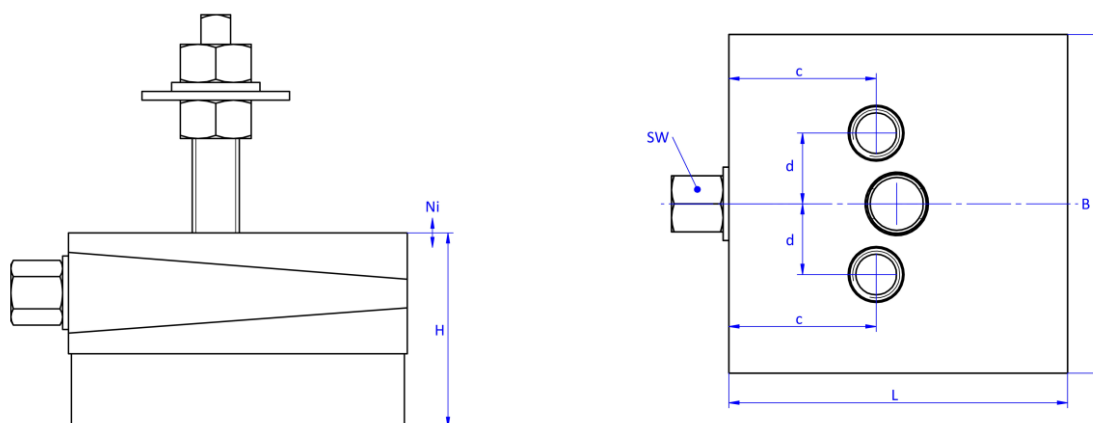
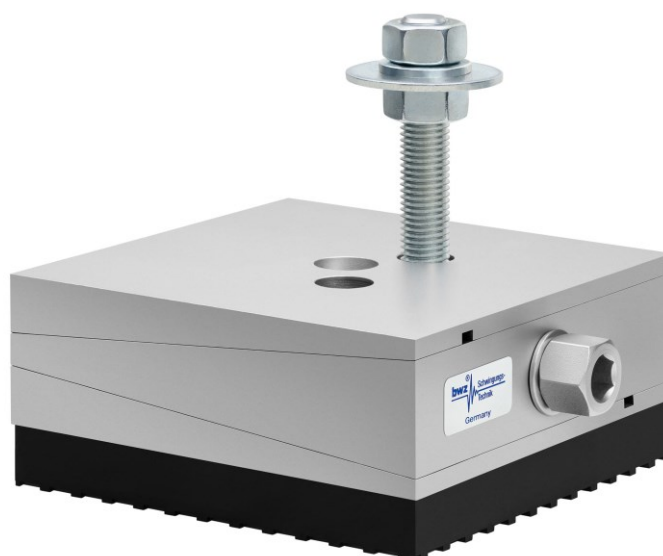
version:

bottom NBR7525
structured
top milled flat, lacquered

on request with screw, nuts and washers

suitable for:

highly dynamic machines
presses
shears
punches
plastic-injection molding machines
compressors
pumps
*higher isolation grade as compared to
version with NBR7516*



type	article number	load	L	B	H	Ni	SW	c	d	thread	mass
		daN									
FK 02/BO/NBR7525	8004 0005	1000	115	80	62	8	17/8	45	15	M12	2,03
FK 04/BO/NBR7525	8008 0005	1300	115	115	66	9	19/10	50	24	M16	3,18
FK 05/BO/NBR7525	8011 0005	1600	125	125	63	9	19/10	50	20	M16	3,80
FK 07/BO/NBR7525	8015 0005	2300	150	150	72	12	22/12	60	23	M16	6,18
FK 07/H/BO/NBR7525	8018 0005	2300	150	150	82	12	22/12	60	23	M16	7,57
FK 08/BO/NBR7525	8021 0005	2600	160	160	74	10	24/14	75	25	M16	7,59
FK 10/BO/NBR7525	8024 0005	4000	200	200	71	10	24/14	75	27,5	M20	11,45
FK 10/H/BO/NBR7525	8027 0005	4000	200	200	99	20	27/14	75	27,5	M20	16,64
FK 11/BO/NBR7525	8030 0005	5500	220	250	99	20	27/14	125	62	M20	22,99
FK 12/BO/NBR7525	8033 0005	8300	250	330	99	16	27/14	135	117,5	M24	34,70
FK 13/BO/NBR7525	8036 0005	12000	300	400	99	20	27/14	124	70/127	M24	44,51

precision wedge mounts bolt-on (BO)

version:

bottom NBR9002

plain

only non-slip protection

top milled flat, lacquered

on request with screw, nuts and washers

suitable for:

machining centres

transfer lines

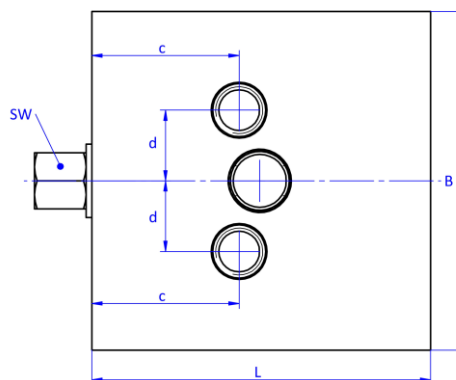
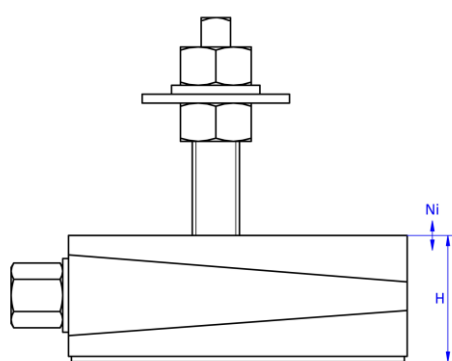
cnc-machine tools

round- and flat grinding machines

long-bedded machines with low

intrinsic rigidity

drilling & milling gear



type	article number	load	L	B	H	Ni	SW	c	d	thread	mass
		daN									
FK 02/BO/NBR9002	8004 0006	1800	115	80	39	8	17/8	45	15	M12	1,78
FK 04/BO/NBR9002	8008 0006	2600	115	115	43	9	19/10	50	24	M16	2,84
FK 05/BO/NBR9002	8011 0006	3100	125	125	40	9	19/10	50	20	M16	3,39
FK 07/BO/NBR9002	8015 0006	4500	150	150	49	12	22/12	60	23	M16	5,60
FK 07/H/BO/NBR9002	8018 0006	4500	150	150	59	12	22/12	60	23	M16	6,99
FK 08/BO/NBR9002	8021 0006	5100	160	160	51	10	24/14	75	25	M16	6,96
FK 10/BO/NBR9002	8024 0006	8000	200	200	48	10	24/14	75	27,5	M20	10,41
FK 10/H/BO/NBR9002	8027 0006	8000	200	200	76	20	27/14	75	27,5	M20	15,60
FK 11/BO/NBR9002	8030 0006	11000	220	250	76	20	27/14	125	62	M20	21,60
FK 12/BO/NBR9002	8033 0006	16500	250	330	76	16	27/14	135	117,5	M24	32,59
FK 13/BO/NBR9002	8036 0006	24000	300	400	76	20	27/14	124	70/127	M24	41,42

precision wedge mounts bolt-through (BT) without elastomer board

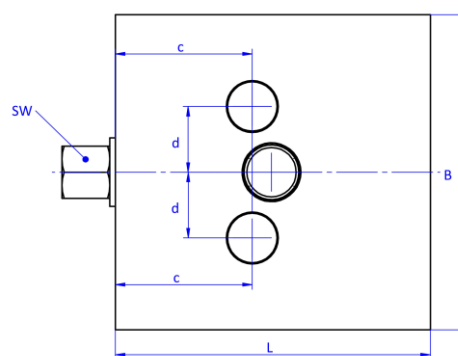
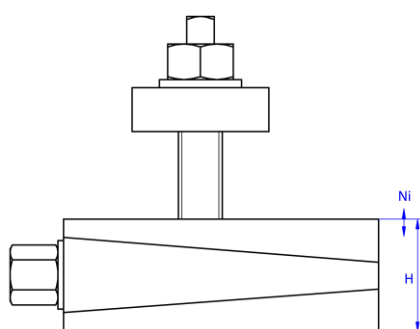
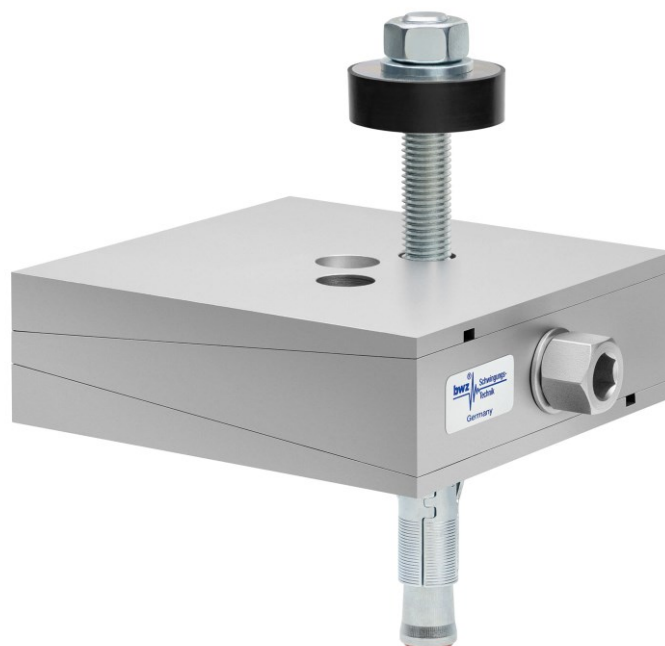
version:

bottom milled flat
top milled flat, lacquered

on request with screw, nut, washer,
screwhead isolation disc (WA) and dowel

suitable for:

machines with high gravity centre, strong
tipping momentum and horizontal thrust
machines with long beds
measuring plates
devices with low intrinsic rigidity
as assembly aide



type without elastomer board	article number	load	L	B	H	Ni	SW	c	d	drill hole	mass
		daN									
FK 02/BT	8005 0000	3200	115	80	37	8	17/8	45	15	14	1,76
FK 04/BT	8009 0000	4600	115	115	41	9	19/10	50	24	18	2,80
FK 05/BT	8012 0000	5500	125	125	38	9	19/10	50	20	18	3,34
FK 07/BT	8016 0000	7800	150	150	47	12	22/12	60	23	18	5,53
FK 07/H/BT	8019 0000	7800	150	150	57	12	22/12	60	23	18	6,93
FK 08/BT	8022 0000	9000	160	160	49	10	24/14	75	25	18	6,88
FK 10/BT	8025 0000	14000	200	200	46	10	24/14	75	27,5	22	10,27
FK 10/H/BT	8028 0000	14000	200	200	74	20	27/14	75	27,5	22	15,50
FK 11/BT	8031 0000	19000	220	250	74	20	27/14	125	62	24	21,40
FK 12/BT	8034 0000	28000	250	330	74	16	27/14	135	117,5	28	32,27
FK 13/BT	8037 0000	45000	300	400	74	20	27/14	124	70/127	28	40,95

precision wedge mounts bolt-through (BT)

version:

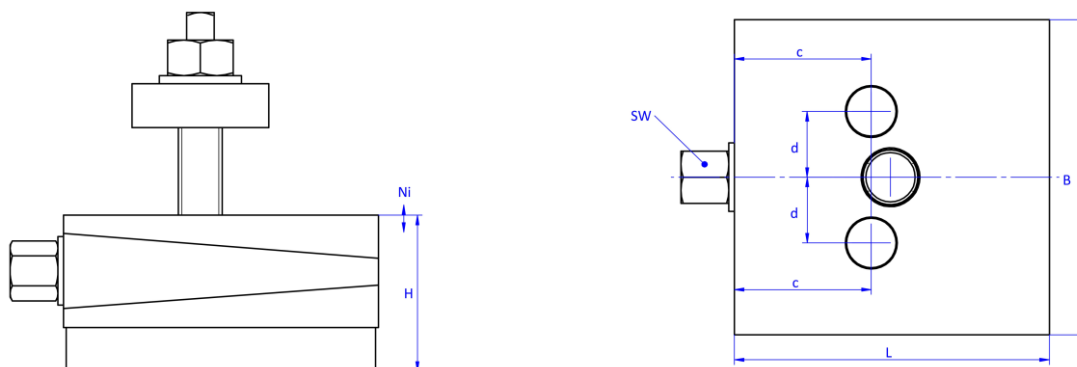
bottom NBR8516
structured
top milled flat, lacquered
on request with screw, nut, washer,
screwhead isolation disc (WA) and dowel

good to know:

in case of insufficient machine mass, the dynamic
intrinsic frequency can be reduced by adjusting the
mechanical pre-tension

suitable for:

generic machine tools
textile machines
graphics machines
machines with horizontal thrust



type	article number	load	L	B	H	Ni	SW	c	d	drill hole	mass
		daN									
FK 02/BT/NBR8516	8005 0001	1350	115	80	53	8	17/8	45	15	14	1,94
FK 04/BT/NBR8516	8009 0001	2000	115	115	56	9	19/10	50	24	18	3,04
FK 05/BT/NBR8516	8012 0001	2350	125	125	53	9	19/10	50	20	18	3,62
FK 07/BT/NBR8516	8016 0001	3400	150	150	62	12	22/12	60	23	18	5,91
FK 07/H/BT/NBR8516	8019 0001	3400	150	150	72	12	22/12	60	23	18	7,31
FK 08/BT/NBR8516	8022 0001	3800	160	160	65	10	24/14	75	25	18	7,33
FK 10/BT/NBR8516	8025 0001	6000	200	200	61	10	24/14	75	27,5	22	11,02
FK 10/H/BT/NBR8516	8028 0001	6000	200	200	89	20	27/14	75	27,5	22	16,20
FK 11/BT/NBR8516	8031 0001	8200	220	250	90	20	27/14	125	62	24	22,44
FK 12/BT/NBR8516	8034 0001	12400	250	330	90	16	27/14	135	117,5	28	33,89
FK 13/BT/NBR8516	8037 0001	18000	300	400	90	20	27/14	124	70/127	28	43,30

precision wedge mounts bolt-through (BT)

version:

bottom NBR9014

plain

top milled flat, lacquered

on request with screw, nut, washer,
screwhead isolation disc (WA) and dowel

good to know:

in case of insufficient machine mass, the dynamic
intrinsic frequency can be reduced by adjusting the
mechanical pre-tension

suitable for:

machining centres

transfer lines

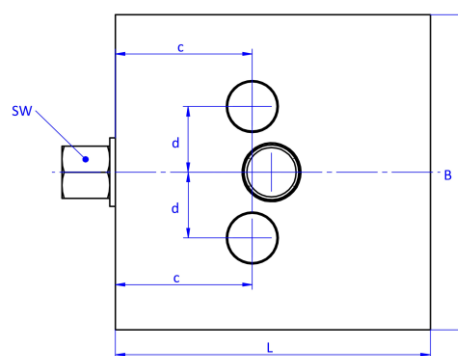
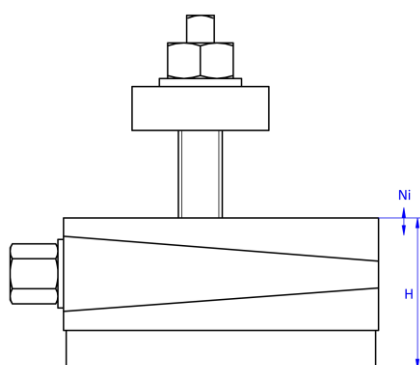
cnc-machine tools

round- and flat grinding machines

long-bedded machines with low

intrinsic rigidity

drilling & milling gear



type	article number	load	L	B	H	Ni	SW	c	d	drill hole	mass
		daN									
FK 02/BT/NBR9014	8005 0002	1800	115	80	51	8	17/8	45	15	14	1,93
FK 04/BT/NBR9014	8009 0002	2600	115	115	56	9	19/10	50	24	18	3,04
FK 05/BT/NBR9014	8012 0002	3100	125	125	53	9	19/10	50	20	18	3,62
FK 07/BT/NBR9014	8016 0002	4500	150	150	62	12	22/12	60	23	18	5,93
FK 07/H/BT/NBR9014	8019 0002	4500	150	150	72	12	22/12	60	23	18	7,30
FK 08/BT/NBR9014	8022 0002	5100	160	160	63	10	24/14	75	25	18	7,28
FK 10/BT/NBR9014	8025 0002	8000	200	200	61	10	24/14	75	27,5	22	11,02
FK 10/H/BT/NBR9014	8028 0002	8000	200	200	89	20	27/14	75	27,5	22	16,20
FK 11/BT/NBR9014	8031 0002	11000	220	250	88	20	27/14	125	62	24	22,37
FK 12/BT/NBR9014	8034 0002	16500	250	330	88	16	27/14	135	117,5	28	33,78
FK 13/BT/NBR9014	8037 0002	24000	300	400	88	20	27/14	124	70/127	28	43,10

precision wedge mounts bolt-through (BT)

version:

bottom NBR5514

plain

top milled flat, lacquered

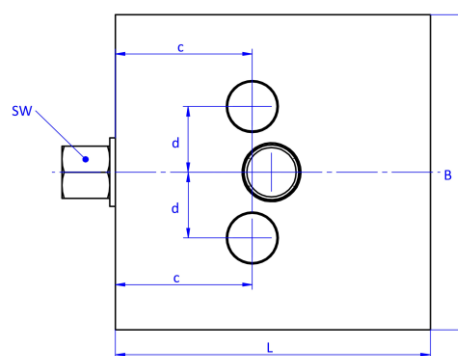
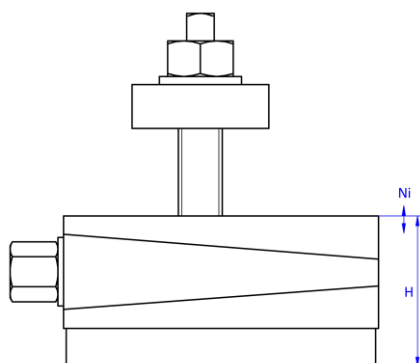
on request with screw, nut, washer,
screwhead isolation disc (WA) and dowel

good to know:

in case of insufficient machine mass, the dynamic
intrinsic frequency can be reduced by adjusting the
mechanical pre-tension

suitable for:

passive isolation with
machines with high gravity centre
metrology gear
scales
dosage units
optical devices
critical storey installations



type	article number	load	L	B	H	Ni	SW	c	d	drill hole	mass
		daN									
FK 02/BT/NBR5514	8005 0003	460	115	80	51	8	17/8	45	15	14	1,91
FK 04/BT/NBR5514	8009 0003	660	115	115	55	9	19/10	50	24	18	3,02
FK 05/BT/NBR5514	8012 0003	780	125	125	52	9	19/10	50	20	18	3,60
FK 07/BT/NBR5514	8016 0003	1120	150	150	61	12	22/12	60	23	18	5,85
FK 07/H/BT/NBR5514	8019 0003	1120	150	150	71	12	22/12	60	23	18	7,26
FK 08/BT/NBR5514	8022 0003	1250	160	160	63	10	24/14	75	25	18	7,25
FK 10/BT/NBR5514	8025 0003	2000	200	200	60	10	24/14	75	27,5	22	10,92
FK 10/H/BT/NBR5514	8028 0003	2000	200	200	88	20	27/14	75	27,5	22	16,10
FK 11/BT/NBR5514	8031 0003	2750	220	250	88	20	27/14	125	62	24	22,26
FK 12/BT/NBR5514	8034 0003	4120	250	330	88	16	27/14	135	117,5	28	33,62
FK 13/BT/NBR5514	8037 0003	6000	300	400	88	20	27/14	124	70/127	28	42,91

precision wedge mounts bolt-through (BT)

version:

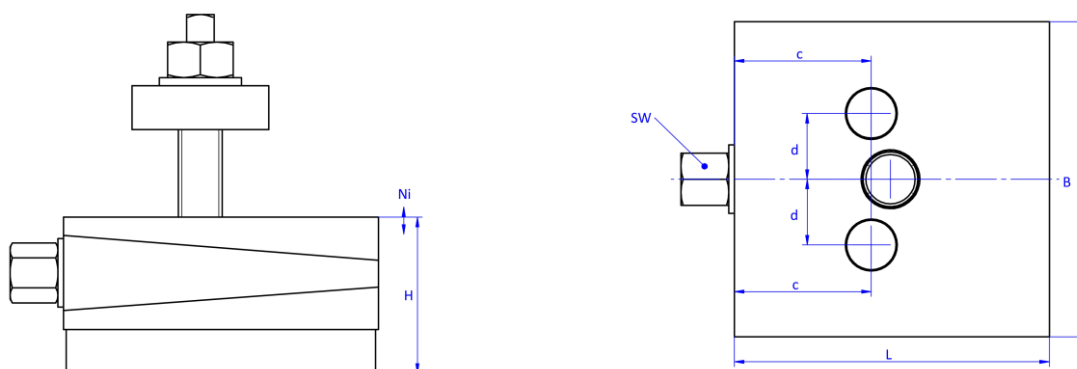
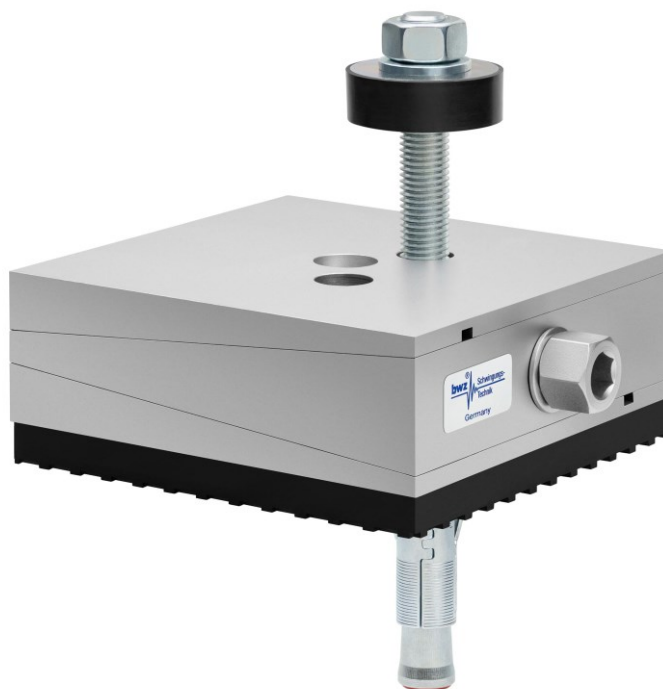
bottom NBR7516
structured
top milled flat, lacquered
on request with screw, nut, washer,
screwhead isolation disc (WA) and dowel

good to know:

in case of insufficient machine mass, the dynamic
intrinsic frequency can be reduced by adjusting the
mechanical pre-tension

suitable for:

highly dynamic machines
presses
shears
punches
plastic-injection molding machines
compressors
pumps



type	article number	load	L	B	H	Ni	SW	c	d	drill hole	mass
		daN									
FK 02/BT/NBR7516	8005 0004	1000	115	80	53	8	17/8	45	15	14	1,94
FK 04/BT/NBR7516	8009 0004	1300	115	115	57	9	19/10	50	24	18	3,04
FK 05/BT/NBR7516	8012 0004	1600	125	125	54	9	19/10	50	20	18	3,61
FK 07/BT/NBR7516	8016 0004	2300	150	150	63	12	22/12	60	23	18	5,91
FK 07/H/BT/NBR7516	8019 0004	2300	150	150	73	12	22/12	60	23	18	7,30
FK 08/BT/NBR7516	8022 0004	2600	160	160	65	10	24/14	75	25	18	7,30
FK 10/BT/NBR7516	8025 0004	4000	200	200	62	10	24/14	75	27,5	22	11,00
FK 10/H/BT/NBR7516	8028 0004	4000	200	200	90	20	27/14	75	27,5	22	16,18
FK 11/BT/NBR7516	8031 0004	5500	220	250	90	20	27/14	125	62	24	22,37
FK 12/BT/NBR7516	8034 0004	8300	250	330	90	16	27/14	135	117,5	28	33,79
FK 13/BT/NBR7516	8037 0004	12000	300	400	90	20	27/14	124	70/127	28	43,14

precision wedge mounts bolt-through (BT)

version:

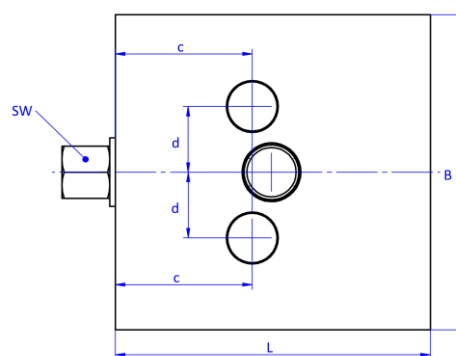
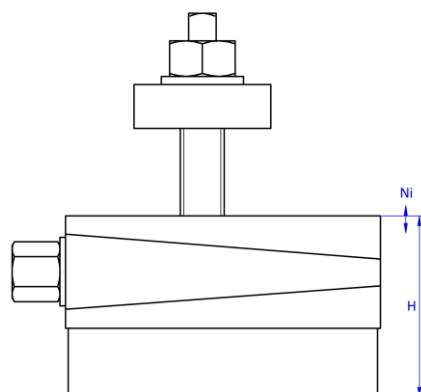
bottom NBR7525
structured
top milled flat, lacquered
on request with screw, nut, washer,
screwhead isolation disc (WA) and dowel

good to know:

in case of insufficient machine mass, the dynamic
intrinsic frequency can be reduced by adjusting the
mechanical pre-tension

suitable for:

highly dynamic machines
presses
shears
punches
plastic-injection molding machines
compressors
pumps
*higher isolation grade as compared to
version with NBR7516*



type	article number	load	L	B	H	Ni	SW	c	d	drill hole	mass
		daN									
FK 02/BT/NBR7525	8005 0005	1000	115	80	62	8	17/8	45	15	14	2,03
FK 04/BT/NBR7525	8009 0005	1300	115	115	66	9	19/10	50	24	18	3,18
FK 05/BT/NBR7525	8012 0005	1600	125	125	63	9	19/10	50	20	18	3,80
FK 07/BT/NBR7525	8016 0005	2300	150	150	72	12	22/12	60	23	18	6,13
FK 07/H/BT/NBR7525	8019 0005	2300	150	150	82	12	22/12	60	23	18	7,52
FK 08/BT/NBR7525	8022 0005	2600	160	160	74	10	24/14	75	25	18	7,54
FK 10/BT/NBR7525	8025 0005	4000	200	200	71	10	24/14	75	27,5	22	11,39
FK 10/H/BT/NBR7525	8028 0005	4000	200	200	99	20	27/14	75	27,5	22	16,57
FK 11/BT/NBR7525	8031 0005	5500	220	250	99	20	27/14	125	62	24	22,91
FK 12/BT/NBR7525	8034 0005	8300	250	330	99	16	27/14	135	117,5	28	34,60
FK 13/BT/NBR7525	8037 0005	12000	300	400	99	20	27/14	124	70/127	28	44,36

precision wedge mounts bolt-through (BT)

version:

bottom NBR9002

plain

only non-slip protection

top milled flat, lacquered

on request with screw, nut, washer,

screwhead isolation disc (WA) and dowel

good to know:

in case of insufficient machine mass, the dynamic intrinsic frequency can be reduced by adjusting the mechanical pre-tension

suitable for:

machining centres

transfer lines

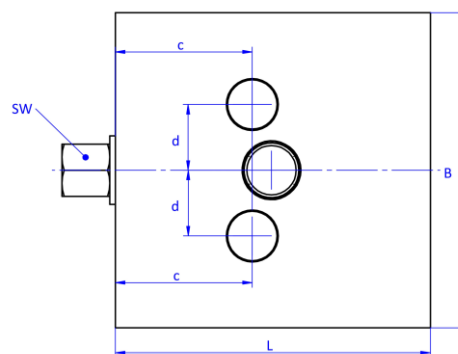
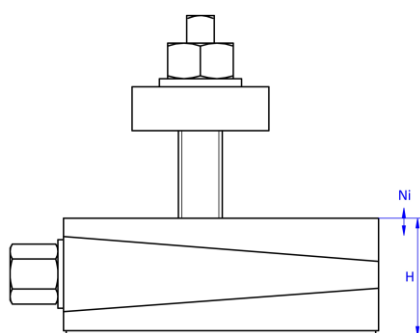
cnc-machine tools

round- and flat grinding machines

long-bedded machines with low

intrinsic rigidity

drilling & milling gear



type	article number	load	L	B	H	Ni	SW	c	d	drill hole	mass
		daN									
FK 02/BT/NBR9002	8005 0006	1800	115	80	39	8	17/8	45	15	14	1,78
FK 04/BT/NBR9002	8009 0006	2600	115	115	43	9	19/10	50	24	18	2,84
FK 05/BT/NBR9002	8012 0006	3100	125	125	40	9	19/10	50	20	18	3,39
FK 07/BT/NBR9002	8016 0006	4500	150	150	49	12	22/12	60	23	18	5,55
FK 07/H/BT/NBR9002	8019 0006	4500	150	150	59	12	22/12	60	23	18	6,97
FK 08/BT/NBR9002	8022 0006	5100	160	160	51	10	24/14	75	25	18	6,91
FK 10/BT/NBR9002	8025 0006	8000	200	200	48	10	24/14	75	27,5	22	10,35
FK 10/H/BT/NBR9002	8028 0006	8000	200	200	76	20	27/14	75	27,5	22	15,53
FK 11/BT/NBR9002	8031 0006	11000	220	250	76	20	27/14	125	62	24	21,52
FK 12/BT/NBR9002	8034 0006	16500	250	330	76	16	27/14	135	117,5	28	32,49
FK 13/BT/NBR9002	8037 0006	24000	300	400	76	20	27/14	124	70/127	28	41,27

precision wedge mounts bolt-on (BO) - with calotte without elastomer board

version:

bottom milled flat
top milled flat, lacquered
with zinc-galvanized spherical calotte

on request with screw, nuts and washers

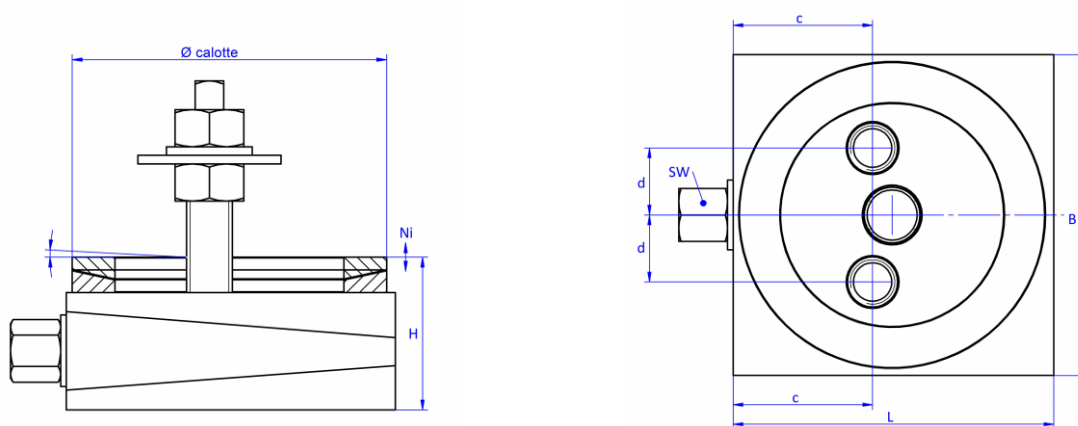
suitable for:

angle compensation
machines with long beds
measuring plates
devices with low intrinsic rigidity
as assembly aide



calotte dimensions:

Ø - 110 / 80 (outer / inner) height 13 mm mass 0,46 kg
Ø - 160 / 120 (outer / inner) height 13 mm mass 0,84 kg
angle compensation $\pm 3^\circ$



type without elastomer board	article number	load	L	B	H	Ni	SW	c	d	thread	calotte	mass
		daN	mm	mm	mm	mm	o/i	mm	mm	bolt-on bottom	Ø mm	kg
FK 04/BO/K	8039 0006	4600	115	115	54	9	19/10	50	24	M16	110	3,26
FK 05/BO/K	8040 0006	5500	125	125	51	9	19/10	50	20	M16	110	3,80
FK 07/BO/K	8041 0009	7800	150	150	60	12	22/12	60	23	M16	110	6,00
FK 07/H/BO/K	8042 0006	7800	150	150	70	12	22/12	60	23	M16	110	7,39
FK 08/BO/K	8043 0007	9000	160	160	62	10	24/14	75	25	M16	110	7,34
FK 10/BO/K	8044 0008	14000	200	200	59	10	24/14	75	27,5	M20	160	11,14
FK 10/H/BO/K	8045 0007	14000	200	200	87	20	27/14	75	27,5	M20	160	16,34

precision wedge mounts bolt-on (BO) - with calotte

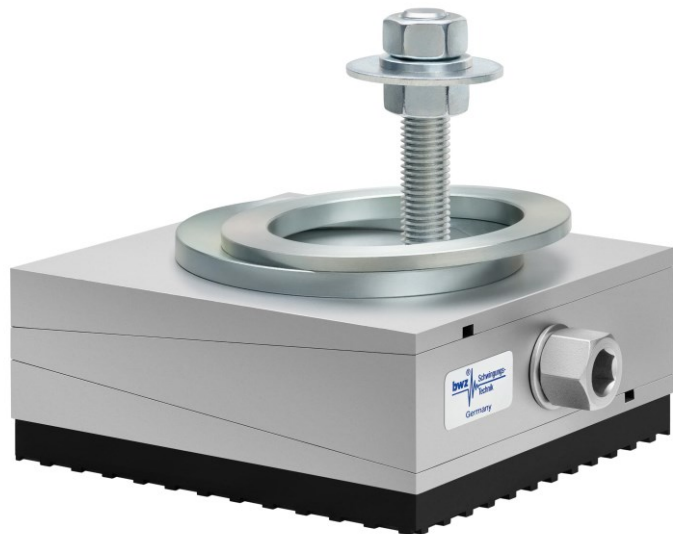
version:

bottom NBR8516
structured
top milled flat, lacquered
with zinc-galvanized spherical calotte

on request with screw, nuts and washers

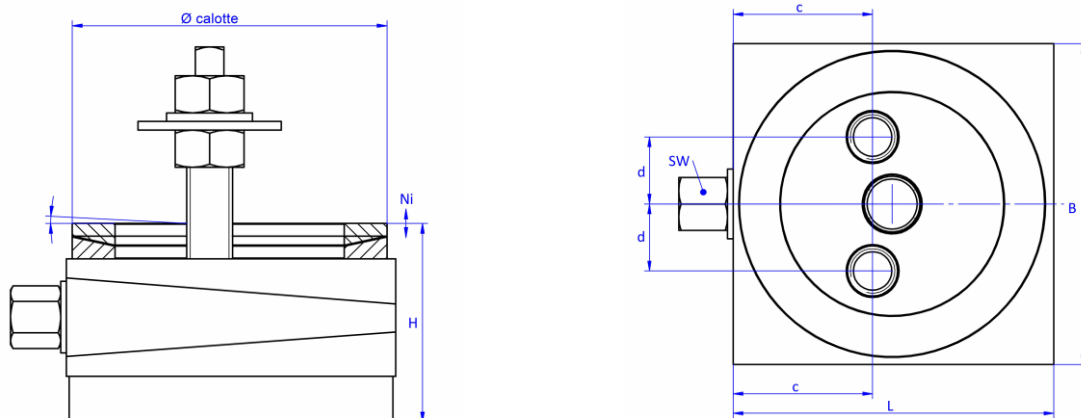
suitable for:

angle compensation
generic machine tools
textile machines
graphics machines
machines with horizontal thrust



calotte dimensions:

Ø - 110 / 80 (outer / inner) height 13 mm mass 0,46 kg
Ø - 160 / 120 (outer / inner) height 13 mm mass 0,84 kg
angle compensation $\pm 3^\circ$



type	article number	load	L	B	H	Ni	SW	c	d	thread	calotte	mass
		daN										
FK 04/BO/K/NBR8516	8039 0000	2000	115	115	69	9	19/10	50	24	M16	110	3,50
FK 05/BO/K/NBR8516	8040 0000	2350	125	125	66	9	19/10	50	20	M16	110	4,09
FK 07/BO/K/NBR8516	8041 0000	3400	150	150	75	12	22/12	60	23	M16	110	6,42
FK 07/H/BO/K/NBR8516	8042 0000	3400	150	150	85	12	22/12	60	23	M16	110	7,81
FK 08/BO/K/NBR8516	8043 0000	3800	160	160	78	10	24/14	75	25	M16	110	7,84
FK 10/BO/K/NBR8516	8044 0000	6000	200	200	74	10	24/14	75	27,5	M20	160	11,92
FK 10/H/BO/K/NBR8516	8045 0000	6000	200	200	102	20	27/14	75	27,5	M20	160	17,11

precision wedge mounts bolt-on (BO) - with calotte

version:

bottom NBR9014
plain
top milled flat, lacquered
with zinc-galvanized spherical calotte

on request with screw, nuts and washers

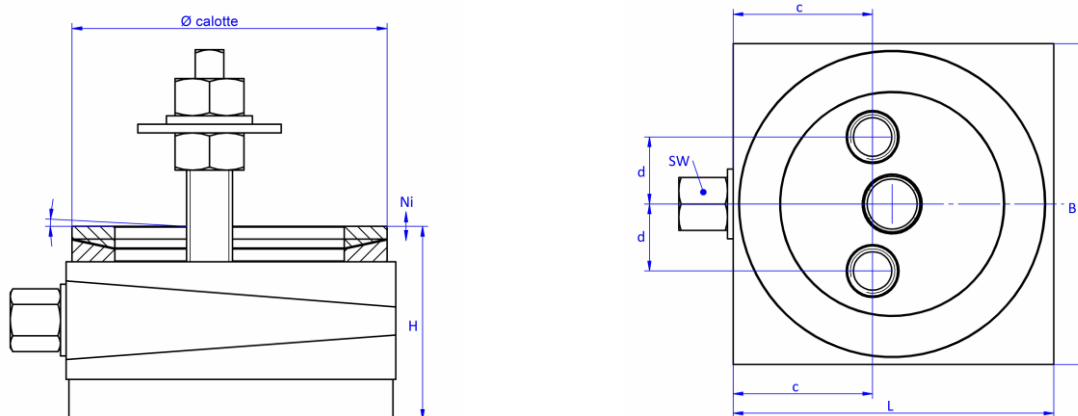
suitable for:

angle compensation
machining centres
transfer lines
cnc-machine tools
round- and flat grinding machines
long-bedded machines with low
intrinsic rigidity
drilling & milling gear



calotte dimensions:

Ø - 110 / 80 (outer / inner) height 13 mm mass 0,46 kg
Ø - 160 / 120 (outer / inner) height 13 mm mass 0,84 kg
angle compensation $\pm 3^\circ$



type	article number	load	L	B	H	Ni	SW	c	d	thread	calotte	mass
		daN										
FK 04/BO/K/NBR9014	8039 0001	2600	115	115	69	9	19/10	50	24	M16	110	3,50
FK 05/BO/K/NBR9014	8040 0001	3100	125	125	66	9	19/10	50	20	M16	110	4,09
FK 07/BO/K/NBR9014	8041 0001	4500	150	150	75	12	22/12	60	23	M16	110	6,44
FK 07/H/BO/K/NBR9014	8042 0001	4500	150	150	85	12	22/12	60	23	M16	110	7,80
FK 08/BO/K/NBR9014	8043 0001	5100	160	160	76	10	24/14	75	25	M16	110	7,79
FK 10/BO/K/NBR9014	8044 0001	8000	200	200	74	10	24/14	75	27,5	M20	160	11,92
FK 10/H/BO/K/NBR9014	8045 0001	8000	200	200	102	20	27/14	75	27,5	M20	160	17,11

precision wedge mounts bolt-on (BO) - with calotte

version:

bottom NBR5514

plain

top milled flat, lacquered

with zinc-galvanized spherical calotte

on request with screw, nuts and washers

suitable for:

angle compensation

passive isolation with

metrology gear

scales

dosage units

optical devices

critical storey installations

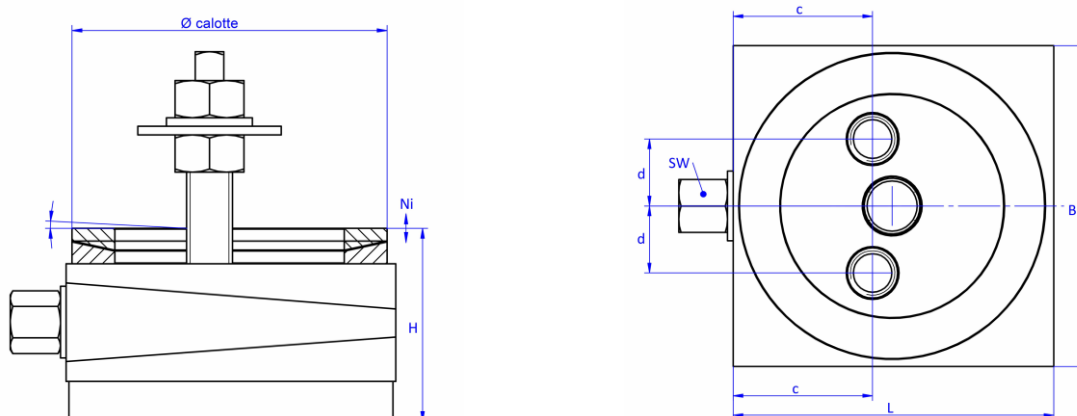


calotte dimensions:

Ø - 110 / 80 (outer / inner) height 13 mm mass 0,46 kg

Ø - 160 / 120 (outer / inner) height 13 mm mass 0,84 kg

angle compensation $\pm 3^\circ$



type	article number	load	L	B	H	Ni	SW	c	d	thread	calotte	mass
		daN	mm	mm	mm	mm	o/i	mm	mm	bolt-on bottom	Ø mm	kg
FK 04/BO/K/NBR5514	8039 0002	660	115	115	68	9	19/10	50	24	M16	110	3,48
FK 05/BO/K/NBR5514	8040 0002	780	125	125	65	9	19/10	50	20	M16	110	4,06
FK 07/BO/K/NBR5514	8041 0002	1120	150	150	74	12	22/12	60	23	M16	110	6,37
FK 07/H/BO/K/NBR5514	8042 0002	1120	150	150	84	12	22/12	60	23	M16	110	7,77
FK 08/BO/K/NBR5514	8043 0002	1250	160	160	76	10	24/14	75	25	M16	110	7,76
FK 10/BO/K/NBR5514	8044 0002	2000	200	200	73	10	24/14	75	27,5	M20	160	11,82
FK 10/H/BO/K/NBR5514	8045 0002	2000	200	200	101	20	27/14	75	27,5	M20	160	17,01

precision wedge mounts bolt-on (BO) - with calotte

version:

bottom NBR7516
structured
top milled flat, lacquered
with zinc-galvanized spherical calotte

on request with screw, nuts and washers

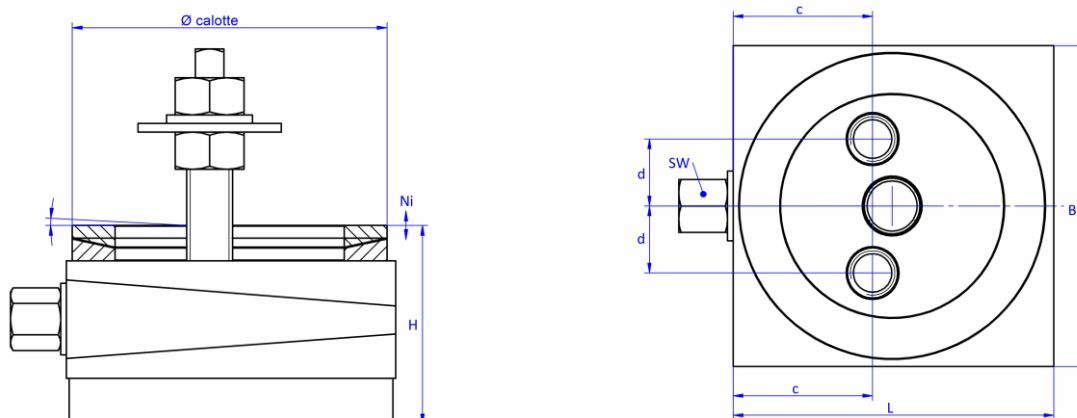
suitable for:

angle compensation
highly dynamic machines
presses
shears
punches
plastic-injection molding machines
compressors
pumps



calotte dimensions:

Ø - 110 / 80 (outer / inner) height 13 mm mass 0,46 kg
Ø - 160 / 120 (outer / inner) height 13 mm mass 0,84 kg
angle compensation $\pm 3^\circ$



type	article number	load	L	B	H	Ni	SW	c	d	thread	calotte	mass
		daN										
FK 04/BO/K/NBR7516	8039 0003	1300	115	115	70	9	19/10	50	24	M16	110	3,50
FK 05/BO/K/NBR7516	8040 0003	1600	125	125	67	9	19/10	50	20	M16	110	4,07
FK 07/BO/K/NBR7516	8041 0003	2300	150	150	76	12	22/12	60	23	M16	110	6,42
FK 07/H/BO/K/NBR7516	8042 0003	2300	150	150	86	12	22/12	60	23	M16	110	7,81
FK 08/BO/K/NBR7516	8043 0003	2600	160	160	78	10	24/14	75	25	M16	110	7,81
FK 10/BO/K/NBR7516	8044 0003	4000	200	200	75	10	24/14	75	27,5	M20	160	11,90
FK 10/H/BO/K/NBR7516	8045 0003	4000	200	200	103	20	27/14	75	27,5	M20	160	17,09

precision wedge mounts bolt-on (BO) - with calotte

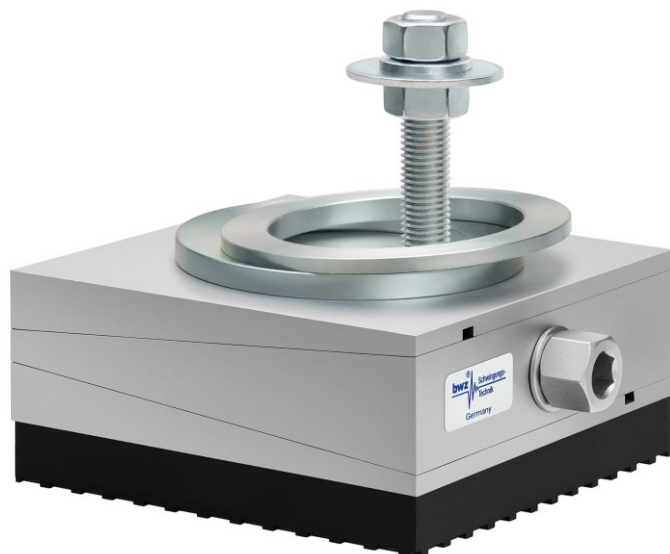
version:

bottom NBR7525
structured
top milled flat, lacquered
with zinc-galvanized spherical calotte

on request with screw, nuts and washers

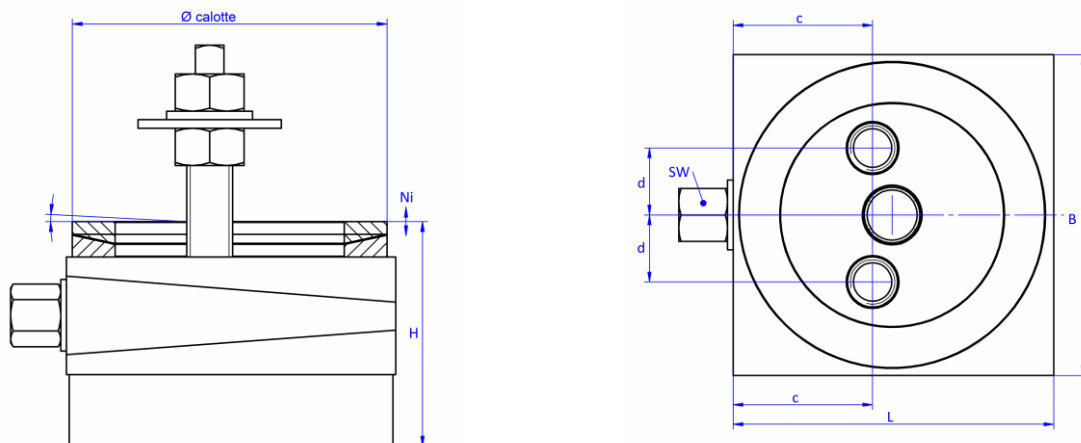
suitable for:

angle compensation
highly dynamic machines
presses / shears / punches
plastic-injection molding machines
compressors
pumps
*higher isolation grade as compared to
version with NBR7516*



calotte dimensions:

Ø - 110 / 80 (outer / inner) height 13 mm mass 0,46 kg
Ø - 160 / 120 (outer / inner) height 13 mm mass 0,84 kg
angle compensation $\pm 3^\circ$



type	article number	load	L	B	H	Ni	SW	c	d	thread	calotte	mass
		daN										
FK 04/BO/K/NBR7525	8039 0004	1300	115	115	79	9	19/10	50	24	M16	110	3,64
FK 05/BO/K/NBR7525	8040 0004	1600	125	125	76	9	19/10	50	20	M16	110	4,26
FK 07/BO/K/NBR7525	8041 0004	2300	150	150	85	12	22/12	60	23	M16	110	6,64
FK 07/H/BO/K/NBR7525	8042 0004	2300	150	150	95	12	22/12	60	23	M16	110	8,03
FK 08/BO/K/NBR7525	8043 0004	2600	160	160	87	10	24/14	75	25	M16	110	8,05
FK 10/BO/K/NBR7525	8044 0004	4000	200	200	84	10	24/14	75	27,5	M20	160	12,29
FK 10/H/BO/K/NBR7525	8045 0004	4000	200	200	112	20	27/14	75	27,5	M20	160	17,48

precision wedge mounts bolt-on (BO) - with calotte

version:

bottom NBR9002

plain

only non-slip protection

top milled flat, lacquered

with zinc-galvanized spherical calotte

on request with screw, nuts and washers

suitable for:

angle compensation

machining centres

transfer lines

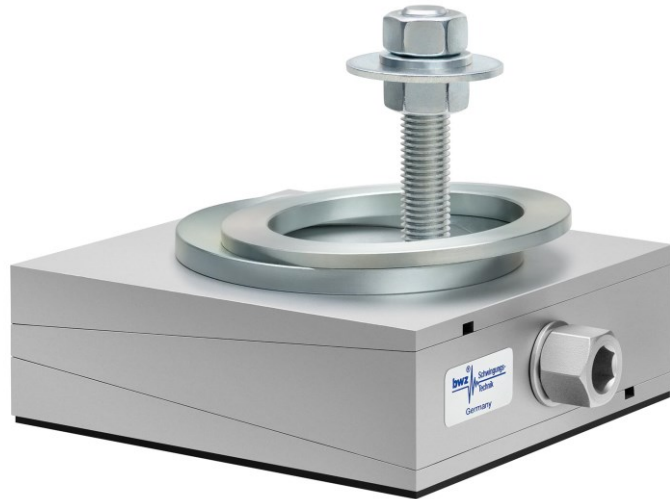
cnc-machine tools

round- and flat grinding machines

long-bedded machines with low

intrinsic rigidity

drilling & milling gear

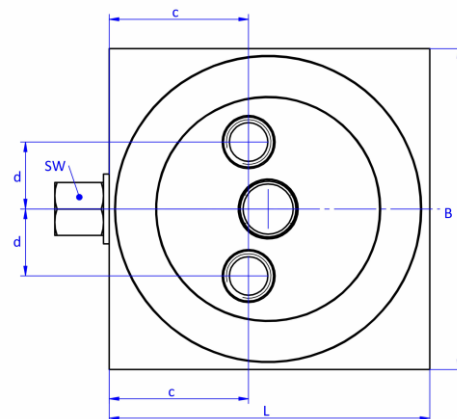
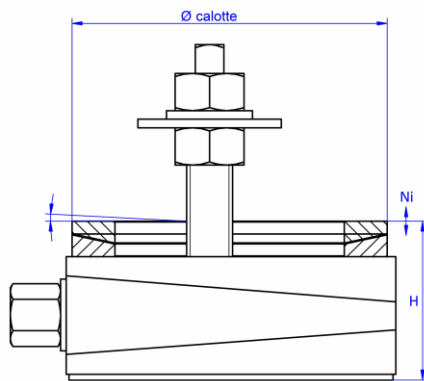


calotte dimensions:

Ø - 110 / 80 (outer / inner) height 13 mm mass 0,46 kg

Ø - 160 / 120 (outer / inner) height 13 mm mass 0,84 kg

angle compensation $\pm 3^\circ$



type	article number	load	L	B	H	Ni	SW	c	d	thread	calotte	mass
		daN										
FK 04/BO/K/NBR9002	8039 0005	2600	115	115	56	9	19/10	50	24	M16	110	3,30
FK 05/BO/K/NBR9002	8040 0005	3100	125	125	53	9	19/10	50	20	M16	110	3,85
FK 07/BO/K/NBR9002	8041 0005	4500	150	150	62	12	22/12	60	23	M16	110	6,06
FK 07/H/BO/K/NBR9002	8042 0005	4500	150	150	72	12	22/12	60	23	M16	110	7,45
FK 08/BO/K/NBR9002	8043 0005	5100	160	160	64	10	24/14	75	25	M16	110	7,42
FK 10/BO/K/NBR9002	8044 0005	8000	200	200	61	10	24/14	75	27,5	M20	160	11,25
FK 10/H/BO/K/NBR9002	8045 0005	8000	200	200	89	20	27/14	75	27,5	M20	160	16,44

precision wedge mounts bolt-through (BT) - with calotte without elastomer board

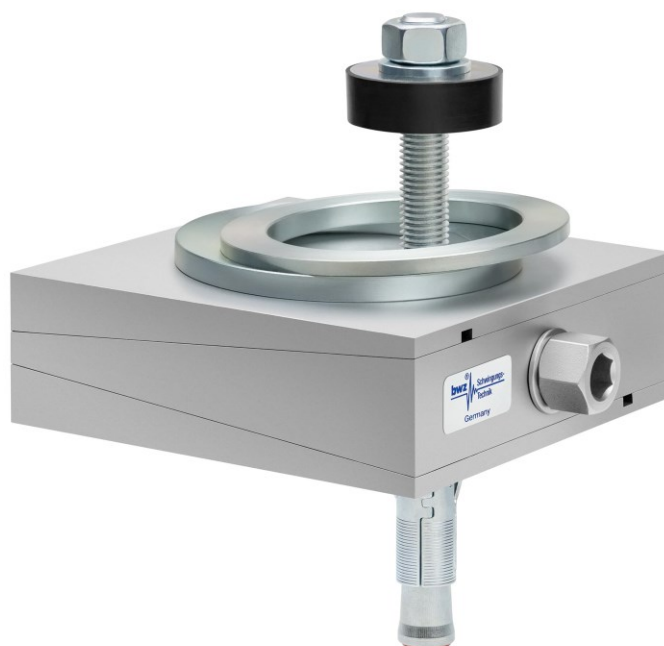
version:

bottom milled flat
top milled flat, lacquered
with zinc-galvanized spherical calotte

on request with screw, nut, washer,
screwhead isolation disc (WA) and dowel

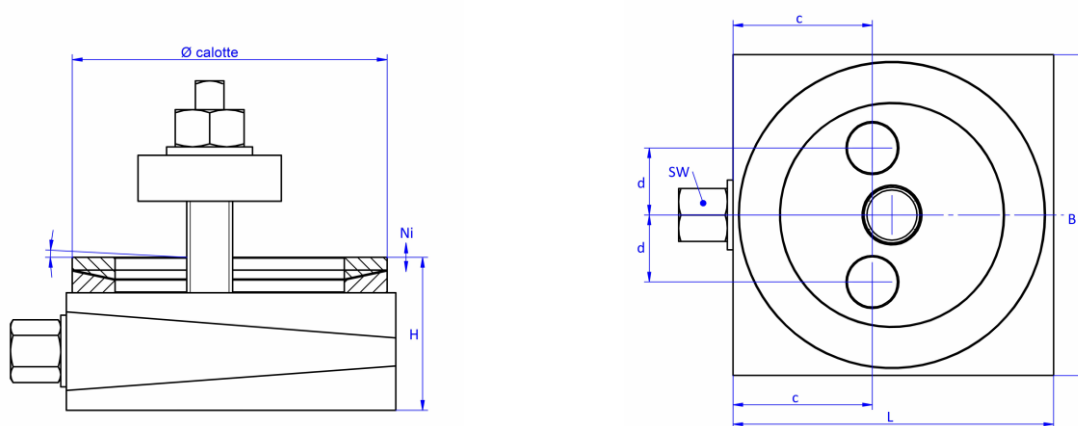
suitable for:

angle compensation
machines with high gravity centre, strong
tipping momentum and horizontal thrust
machines with long beds
measuring plates
devices with low intrinsic rigidity
as assembly aide



calotte dimensions:

Ø - 110 / 80 (outer / inner) height 13 mm mass 0,46 kg
Ø - 160 / 120 (outer / inner) height 13 mm mass 0,84 kg
angle compensation $\pm 3^\circ$



type without elastomer board	article number	load	L	B	H	Ni	SW	c	d	drill hole	calotte	mass
		daN	mm	mm	mm	mm	o/i	mm	mm	Ø mm	Ø mm	kg
FK 04/BT/K	8046 0006	4600	115	115	54	9	19/10	50	24	18	110	3,26
FK 05/BT/K	8047 0006	5500	125	125	51	9	19/10	50	20	18	110	3,80
FK 07/BT/K	8048 0006	7800	150	150	60	12	22/12	60	23	18	110	5,99
FK 07/H/BT/K	8049 0006	7800	150	150	70	12	22/12	60	23	18	110	7,39
FK 08/BT/K	8050 0006	9000	160	160	62	10	24/14	75	25	18	110	7,34
FK 10/BT/K	8051 0006	14000	200	200	59	10	24/14	75	27,5	22	160	11,11
FK 10/H/BT/K	8052 0006	14000	200	200	87	20	27/14	75	27,5	22	160	16,34

precision wedge mounts bolt-through (BT) - with calotte

version:

bottom NBR8516
structured
top milled flat, lacquered
with zinc-galvanized spherical calotte
on request with screw, nut, washer,
screwhead isolation disc (WA) and dowel

good to know:

in case of insufficient machine mass, the dynamic
intrinsic frequency can be reduced by adjusting the
mechanical pre-tension

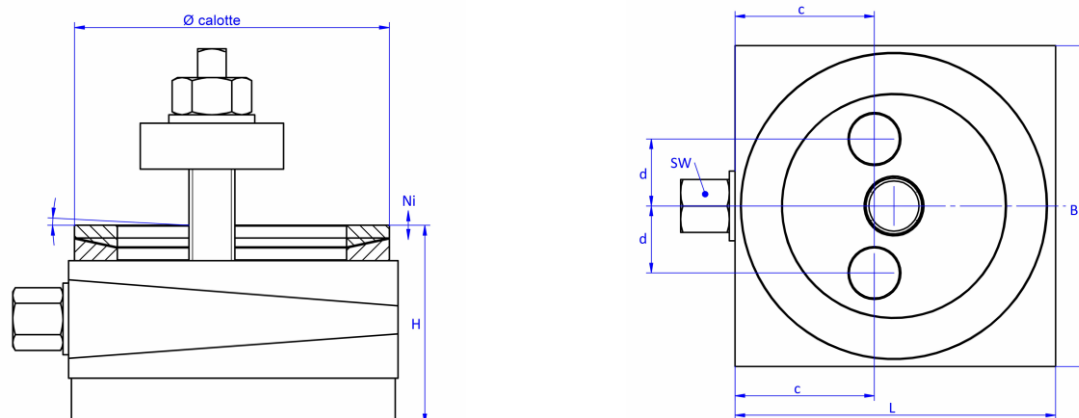
suitable for:

angle compensation
generic machine tools
textile machines
graphics machines
machines with horizontal thrust



calotte dimensions:

Ø - 110 / 80 (outer / inner) height 13 mm mass 0,46 kg
Ø - 160 / 120 (outer / inner) height 13 mm mass 0,84 kg
angle compensation $\pm 3^\circ$



type	article number	load	L	B	H	Ni	SW	c	d	drill hole	calotte	mass
		daN										
FK 04/BT/K/NBR8516	8046 0000	2000	115	115	69	9	19/10	50	24	18	110	3,50
FK 05/BT/K/NBR8516	8047 0000	2350	125	125	66	9	19/10	50	20	18	110	4,08
FK 07/BT/K/NBR8516	8048 0000	3400	150	150	75	12	22/12	60	23	18	110	6,37
FK 07/H/BT/K/NBR8516	8049 0000	3400	150	150	85	12	22/12	60	23	18	110	7,77
FK 08/BT/K/NBR8516	8050 0000	3800	160	160	78	10	24/14	75	25	18	110	7,79
FK 10/BT/K/NBR8516	8051 0000	6000	200	200	74	10	24/14	75	27,5	22	160	11,86
FK 10/H/BT/K/NBR8516	8052 0000	6000	200	200	102	20	27/14	75	27,5	22	160	17,04

precision wedge mounts bolt-through (BT) - with calotte

version:

bottom NBR9014

plain

top milled flat, lacquered

with zinc-galvanized spherical calotte

on request with screw, nut, washer,

screwhead isolation disc (WA) and dowel

good to know:

in case of insufficient machine mass, the dynamic intrinsic frequency can be reduced by adjusting the mechanical pre-tension

suitable for:

angle compensation

machining centres

transfer lines

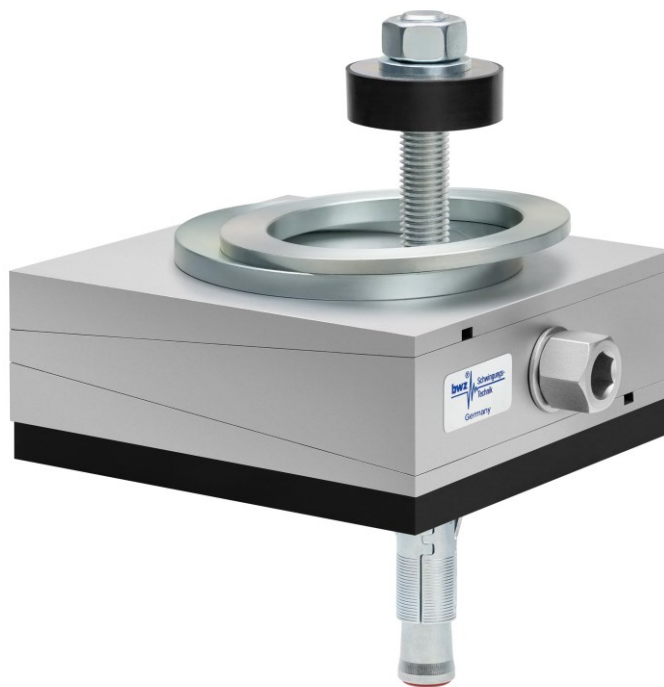
cnc-machine tools

round- and flat grinding machines

long-bedded machines with low

intrinsic rigidity

drilling & milling gear

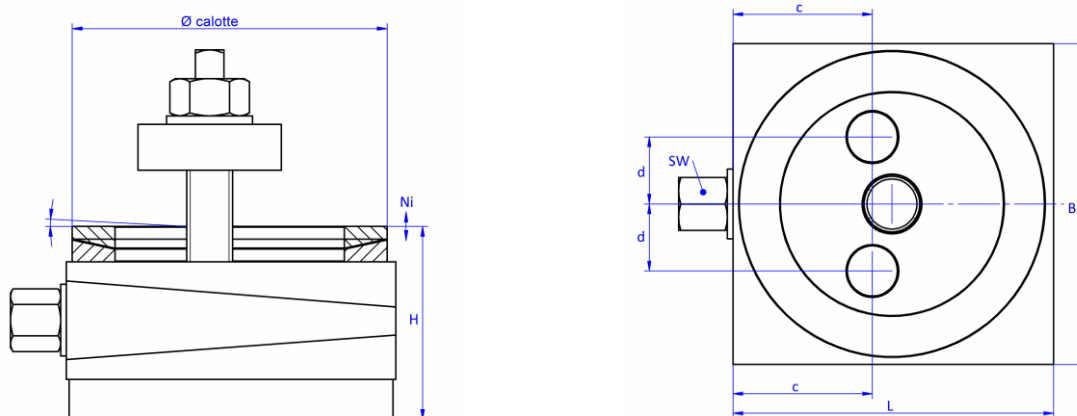


calotte dimensions:

Ø - 110 / 80 (outer / inner) height 13 mm mass 0,46 kg

Ø - 160 / 120 (outer / inner) height 13 mm mass 0,84 kg

angle compensation $\pm 3^\circ$



type	article number	load	L	B	H	Ni	SW	c	d	drill hole	calotte	mass
		daN										
FK 04/BT/K/NBR9014	8046 0001	2600	115	115	69	9	19/10	50	24	18	110	3,50
FK 05/BT/K/NBR9014	8047 0001	3100	125	125	66	9	19/10	50	20	18	110	4,08
FK 07/BT/K/NBR9014	8048 0001	4500	150	150	75	12	22/12	60	23	18	110	6,39
FK 07/H/BT/K/NBR9014	8049 0001	4500	150	150	85	12	22/12	60	23	18	110	7,76
FK 08/BT/K/NBR9014	8050 0001	5100	160	160	76	10	24/14	75	25	18	110	7,74
FK 10/BT/K/NBR9014	8051 0001	8000	200	200	74	10	24/14	75	27,5	22	160	11,86
FK 10/H/BT/K/NBR9014	8052 0001	8000	200	200	102	20	27/14	75	27,5	22	160	17,04

precision wedge mounts bolt-through (BT) - with calotte

version:

bottom NBR5514

plain

top milled flat, lacquered

with zinc-galvanized spherical calotte

on request with screw, nut, washer,

screwhead isolation disc (WA) and dowel

good to know:

in case of insufficient machine mass, the dynamic intrinsic frequency can be reduced by adjusting the mechanical pre-tension

suitable for:

angle compensation

passive isolation with

machines with high gravity centre

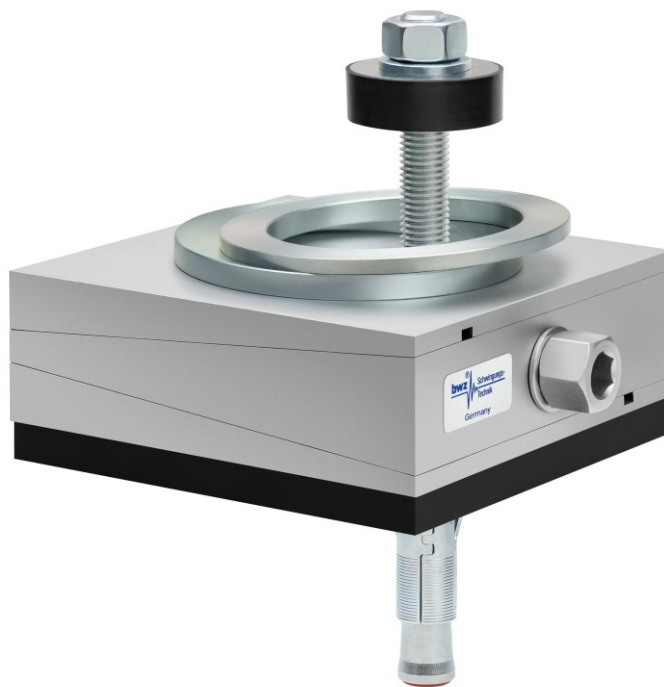
metrology gear

scales

dosage units

optical devices

critical storey installations

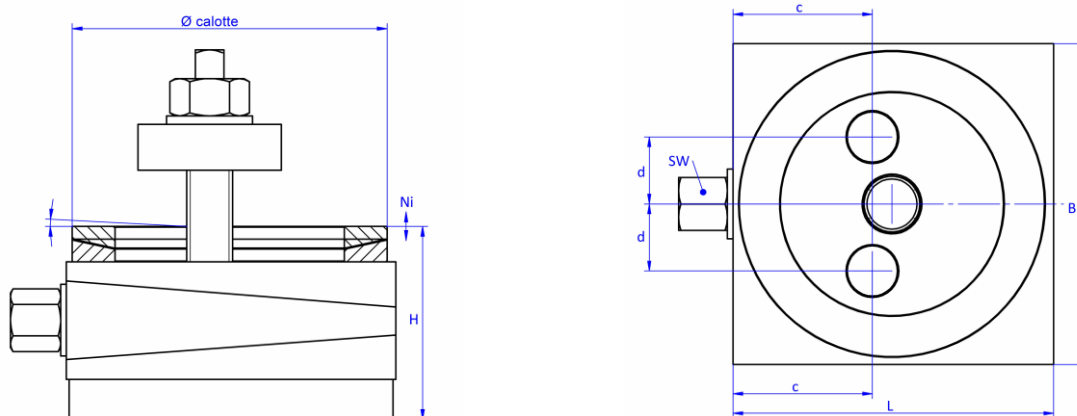


calotte dimensions:

Ø - 110 / 80 (outer / inner) height 13 mm mass 0,46 kg

Ø - 160 / 120 (outer / inner) height 13 mm mass 0,84 kg

angle compensation $\pm 3^\circ$



type	article number	load	L	B	H	Ni	SW	c	d	drill hole	calotte	mass
		daN										
FK 04/BT/K/NBR5514	8046 0002	660	115	115	68	9	19/10	50	24	18	110	3,48
FK 05/BT/K/NBR5514	8047 0002	780	125	125	65	9	19/10	50	20	18	110	4,06
FK 07/BT/K/NBR5514	8048 0002	1120	150	150	74	12	22/12	60	23	18	110	6,31
FK 07/H/BT/K/NBR5514	8049 0002	1120	150	150	84	12	22/12	60	23	18	110	7,72
FK 08/BT/K/NBR5514	8050 0002	1250	160	160	76	10	24/14	75	25	18	110	7,71
FK 10/BT/K/NBR5514	8051 0002	2000	200	200	73	10	24/14	75	27,5	22	160	11,76
FK 10/H/BT/K/NBR5514	8052 0002	2000	200	200	101	20	27/14	75	27,5	22	160	16,94

precision wedge mounts bolt-through (BT) - with calotte

version:

bottom NBR7516
structured
top milled flat, lacquered
with zinc-galvanized spherical calotte
on request with screw, nut, washer,
screwhead isolation disc (WA) and dowel

good to know:

in case of insufficient machine mass, the dynamic
intrinsic frequency can be reduced by adjusting the
mechanical pre-tension

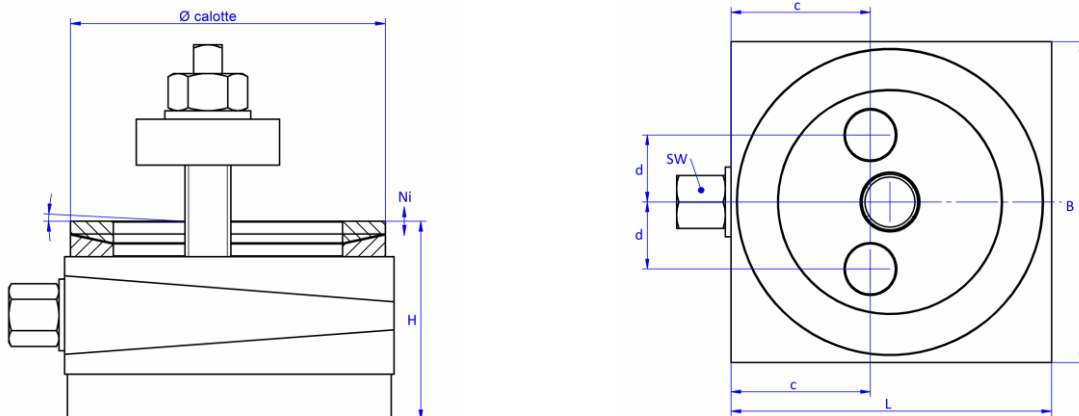
suitable for:

angle compensation
highly dynamic machines
presses
shears
punches
plastic-injection molding machines
compressors
pumps



calotte dimensions:

Ø - 110 / 80 (outer / inner) height 13 mm mass 0,46 kg
Ø - 160 / 120 (outer / inner) height 13 mm mass 0,84 kg
angle compensation $\pm 3^\circ$



type	article number	load	L	B	H	Ni	SW	c	d	drill hole	calotte	mass
		daN										
FK 04/BT/K/NBR7516	8046 0003	1300	115	115	70	9	19/10	50	24	18	110	3,50
FK 05/BT/K/NBR7516	8047 0003	1600	125	125	67	9	19/10	50	20	18	110	4,07
FK 07/BT/K/NBR7516	8048 0003	2300	150	150	76	12	22/12	60	23	18	110	6,37
FK 07/H/BT/K/NBR7516	8049 0003	2300	150	150	86	12	22/12	60	23	18	110	7,76
FK 08/BT/K/NBR7516	8050 0003	2600	160	160	78	10	24/14	75	25	18	110	7,76
FK 10/BT/K/NBR7516	8051 0003	4000	200	200	75	10	24/14	75	27,5	22	160	11,84
FK 10/H/BT/K/NBR7516	8052 0003	4000	200	200	103	20	27/14	75	27,5	22	160	17,02

precision wedge mounts bolt-through (BT) - with calotte

version:

bottom NBR7525
structured
top milled flat, lacquered
with zinc-galvanized spherical calotte
on request with screw, nut, washer,
screwhead isolation disc (WA) and dowel
good to know:

in case of insufficient machine mass, the dynamic
intrinsic frequency can be reduced by adjusting the
mechanical pre-tension

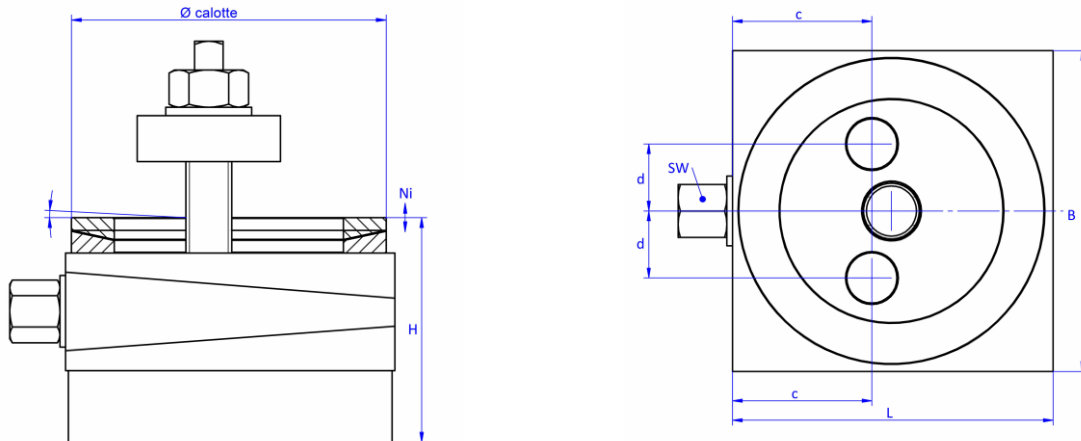
suitable for:

angle compensation
highly dynamic machines
presses / shears / punches
plastic-injection molding machines
compressors
pumps
*higher isolation grade as compared to
version with NBR7516*



calotte dimensions:

Ø - 110 / 80 (outer / inner) height 13 mm mass 0,46 kg
Ø - 160 / 120 (outer / inner) height 13 mm mass 0,84 kg
angle compensation $\pm 3^\circ$



type	article number	load	L	B	H	Ni	SW	c	d	drill hole	calotte	mass
		daN										
FK 04/BT/K/NBR7525	8046 0004	1300	115	115	79	9	19/10	50	24	18	110	3,64
FK 05/BT/K/NBR7525	8047 0004	1600	125	125	76	9	19/10	50	20	18	110	4,26
FK 07/BT/K/NBR7525	8048 0004	2300	150	150	85	12	22/12	60	23	18	110	6,59
FK 07/H/BT/K/NBR7525	8049 0004	2300	150	150	95	12	22/12	60	23	18	110	7,98
FK 08/BT/K/NBR7525	8050 0004	2600	160	160	87	10	24/14	75	25	18	110	8,00
FK 10/BT/K/NBR7525	8051 0004	4000	200	200	84	10	24/14	75	27,5	22	160	12,23
FK 10/H/BT/K/NBR7525	8052 0004	4000	200	200	112	20	27/14	75	27,5	22	160	17,41

precision wedge mounts bolt-through (BT) - with calotte

version:

bottom NBR9002

plain

only non-slip protection

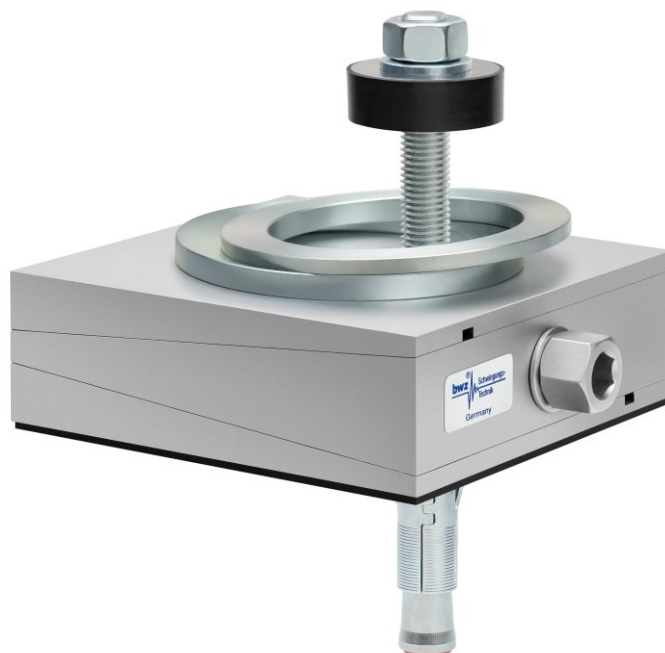
top milled flat, lacquered

with zinc-galvanized spherical calotte

on request with screw, nut, washer,
screwhead isolation disc (WA) and dowel

good to know:

in case of insufficient machine mass, the dynamic intrinsic frequency
can be reduced by adjusting the mechanical pre-tension



suitable for:

angle compensation

machining centres

transfer lines

cnc-machine tools

round- and flat grinding machines

long-bedded machines with low

intrinsic rigidity

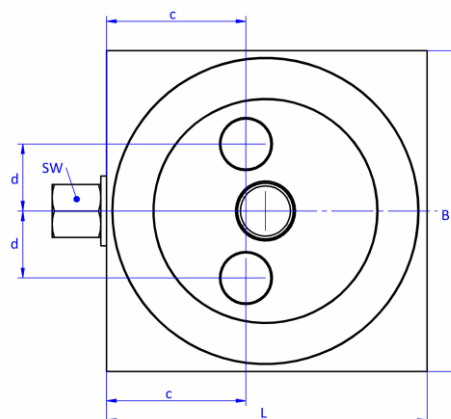
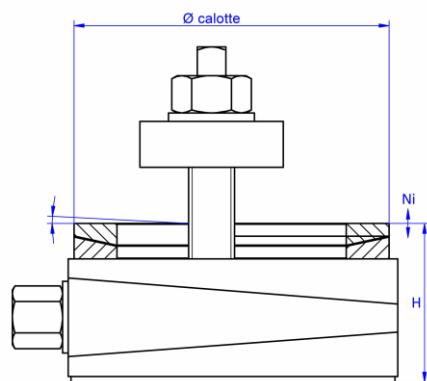
drilling & milling gear

calotte dimensions:

Ø - 110 / 80 (outer / inner) height 13 mm mass 0,46 kg

Ø - 160 / 120 (outer / inner) height 13 mm mass 0,84 kg

angle compensation $\pm 3^\circ$



type	article number	load	L	B	H	Ni	SW	c	d	drill hole	calotte	mass
		daN	mm	mm	mm	mm	o/i	mm	mm	Ø mm	Ø mm	kg
FK 04/BT/K/NBR9002	8046 0005	2600	115	115	56	9	19/10	50	24	18	110	3,30
FK 05/BT/K/NBR9002	8047 0005	3100	125	125	53	9	19/10	50	20	18	110	3,85
FK 07/BT/K/NBR9002	8048 0005	4500	150	150	62	12	22/12	60	23	18	110	6,01
FK 07/H/BT/K/NBR9002	8049 0005	4500	150	150	72	12	22/12	60	23	18	110	7,43
FK 08/BT/K/NBR9002	8050 0005	5100	160	160	64	10	24/14	75	25	18	110	7,37
FK 10/BT/K/NBR9002	8051 0005	8000	200	200	61	10	24/14	75	27,5	22	160	11,19
FK 10/H/BT/K/NBR9002	8052 0005	8000	200	200	89	20	27/14	75	27,5	22	160	16,37

accessories for precision wedge mounts bolt-through (BT)

screwhead isolation disc
type WA



suitable for:

vibration- and structure-borne isolation with
machinery / devices fastened to the ground

the WA-discs ensure the vibration-related
isolation of the screws

type	article number	outer - Ø	hole - Ø	installation height	pre-tension
		mm	mm	mm	Nm
WA30x13x16/NBR85	15050 00003	30	13	16	13
WA40x13x16/NBR85	15050 00004	40	13	16	75
WA50x17x16/NBR85	15050 00005	50	17	16	105
WA60x21x16/NBR85	15050 00009	60	21	16	160
WA52x26x18/NBR85	15050 00010	52	26	18	160

other types available on request

accessories for precision wedge mounts bolt-through (BT)

heavy-duty ground dowel

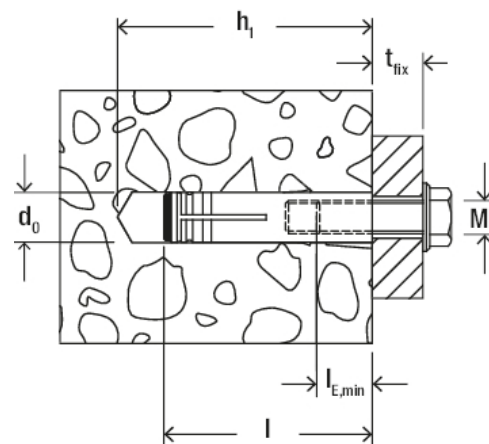
in zinc-galvanized steel
(in stainless steel on request)



suitable for:

fastening of machinery / devices to the ground

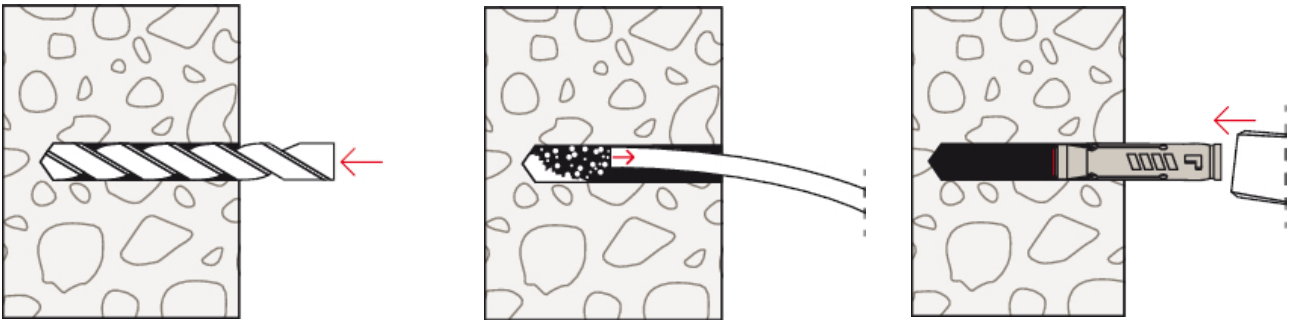
picture and illustration
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Fa. fischer Dübel



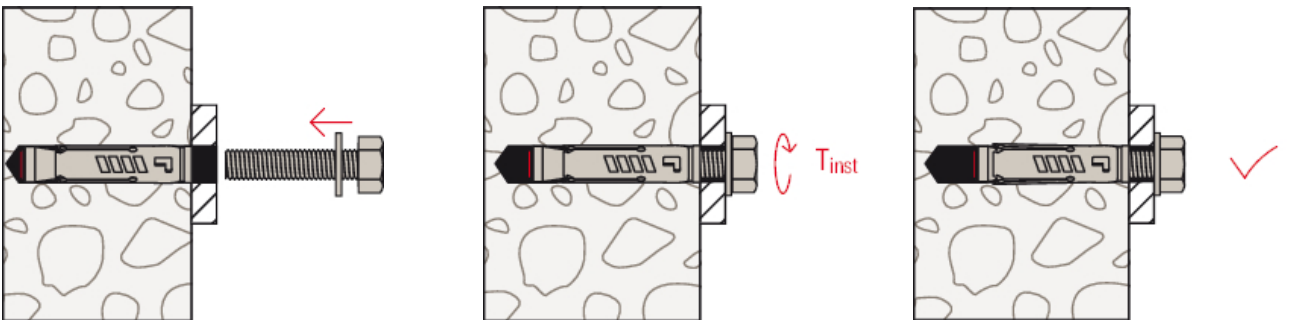
type	article number	for screw	drill	drillhole-	anchoring-	tightening
			d ₀	depth h ₁	depth l	
			mm	mm	mm	Nm
SLM10	10320 00001	M10	15	90	50	50
SLM12	10320 00002	M12	18	105	60	80
SLM16	10320 00003	M16	24	110	62	100
SLM20	10320 00004	M20	30	130	77	150
SLM24	10320 00005	M24	35	150	90	200

SLM: how it works / installation

- the SLM is suitable for prior insertion methods
- whilst applying the torque, the cone is pulled into the spreader sleeve and thus fastens it tight against the drillhole wall / floor
- for correct installation, the SLM has to be able to support itself at the installation part, or alternatively, the thread needs to be countered accordingly



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