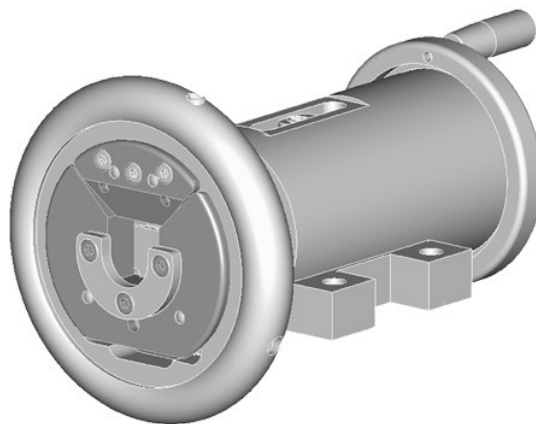
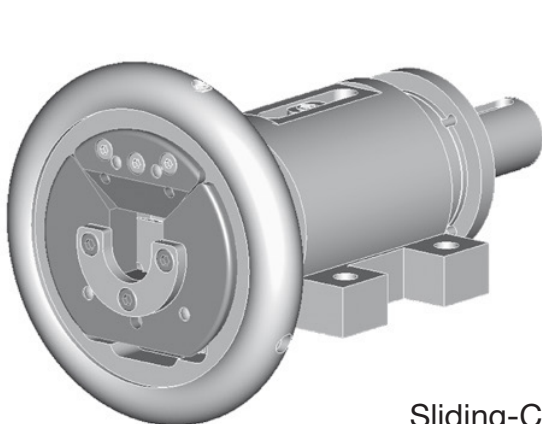
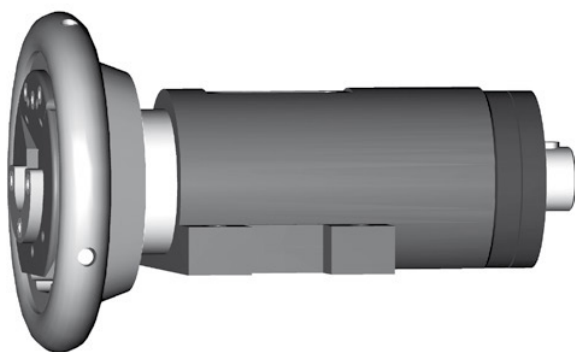


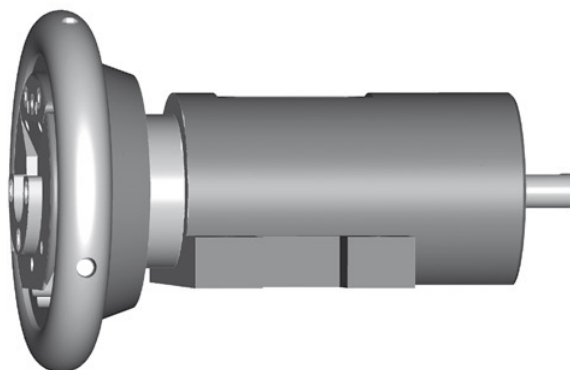
3.0 Overview Sliding-Chucks



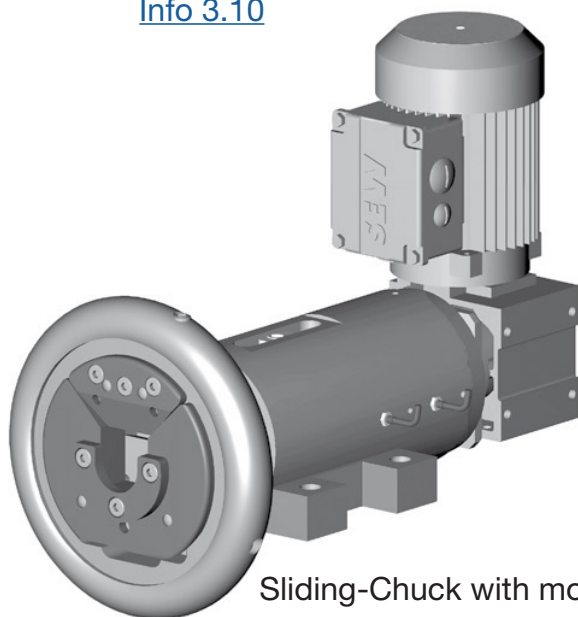
Sliding-Chuck
[Info 3.00](#)



Sliding-Chuck with axial
fixed drive
[Info 3.10](#)



Sliding-Chuck for motorized
adjustment
[Info 3.30](#)

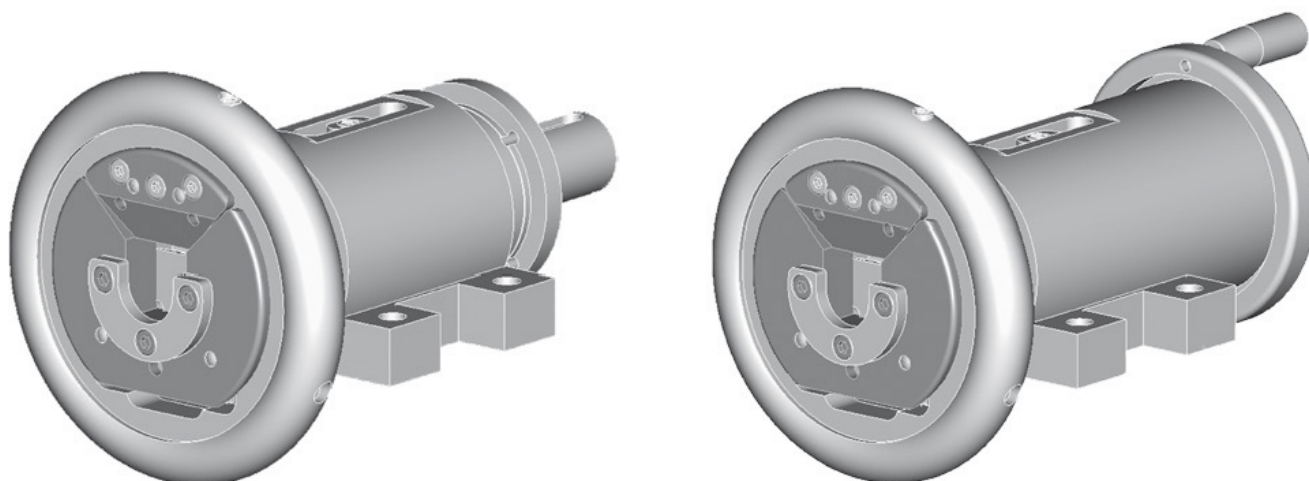


Sliding-Chuck with motorized adjustment
[Info 3.20](#)

3.00 Boschert Sliding-Chuck



- 22-30 bis 40-50 SKO** *Boschert* foot mounted chuck without shaft end
22-30 bis 40-50 SKW *Boschert* foot mounted chuck with shaft end
22-30 bis 40-50 SKOF *Boschert* flange mounted chuck without shaft end
22-30 bis 40-50 SKWF *Boschert* flange mounted chuck with shaft end



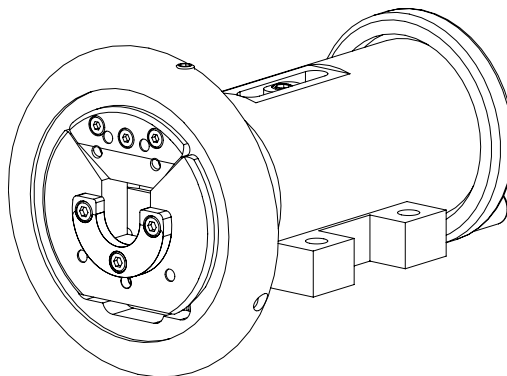
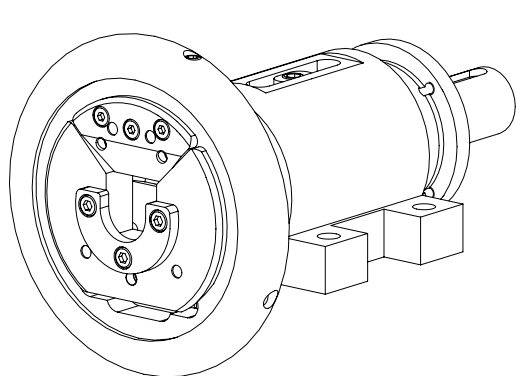
	max. beam weight	max. torque	square bar
22-30	800 kg (1760 lbs)	180 Nm (130 ft·lb)	22 - 30 mm (0.8661" - 1.1811")
30-40	1600 kg (3530 lbs)	350 Nm (250 ft·lb)	30 - 40 mm (1.1811" - 1.5748")
40-50	2800 kg (6170 lbs)	1100 Nm (800 ft·lb)	40 - 50 mm (1.5748" - 1.9685")

		Info
Type	VT	2.55
Journal shaft type VT	VT1 / VT2 / VT6 / VT7	3.80
Model	50 mm adjustment	3.03 - 3.06
	100 mm adjustment	3.03 - 3.06
Shaft end	Standard	3.03 - 3.05
Handwheel lock	HRV-S / HRV II (left/right)	3.80
Axial locking:	driver disc	3.81 - 3.84
Options	axial fixed drive	3.10 - 3.11
	with motorized adjustment	3.20 - 3.22
	for motorized adjustment	3.30 - 3.32
Add. parts	brakes	6.00
	clutches	7.00

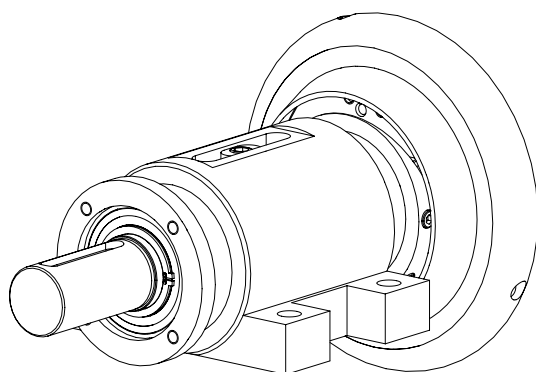
Boschert-Sliding-Chuck foot mounted



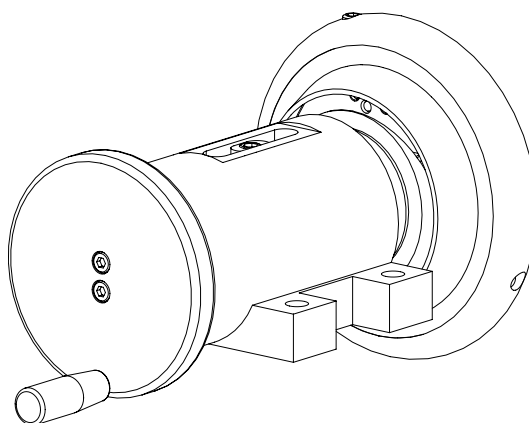
Boschert-Sliding-Chuck type VT



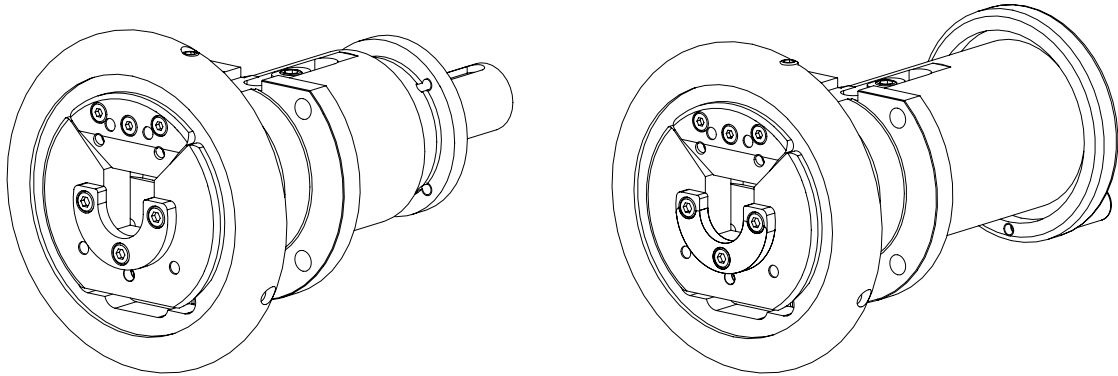
SKW
chuck with shaft end



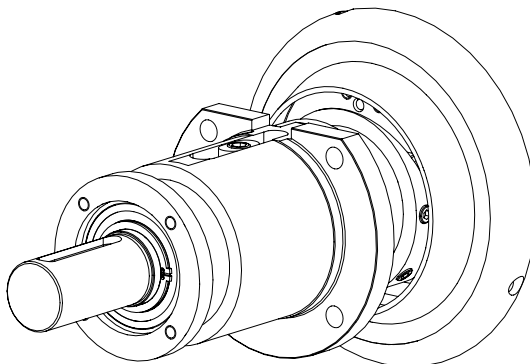
SKO
chuck without shaft end



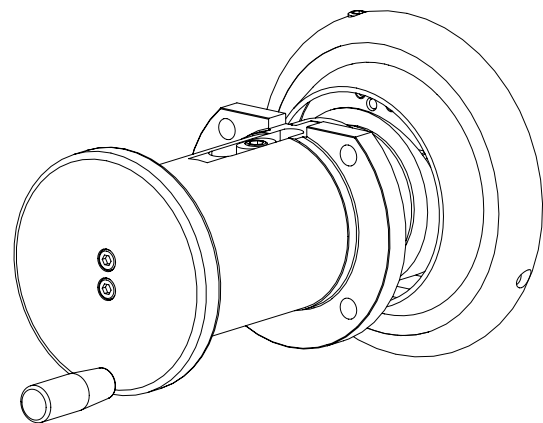
Boschert-Sliding-Chuck type VT



SKWF
chuck with shaft end



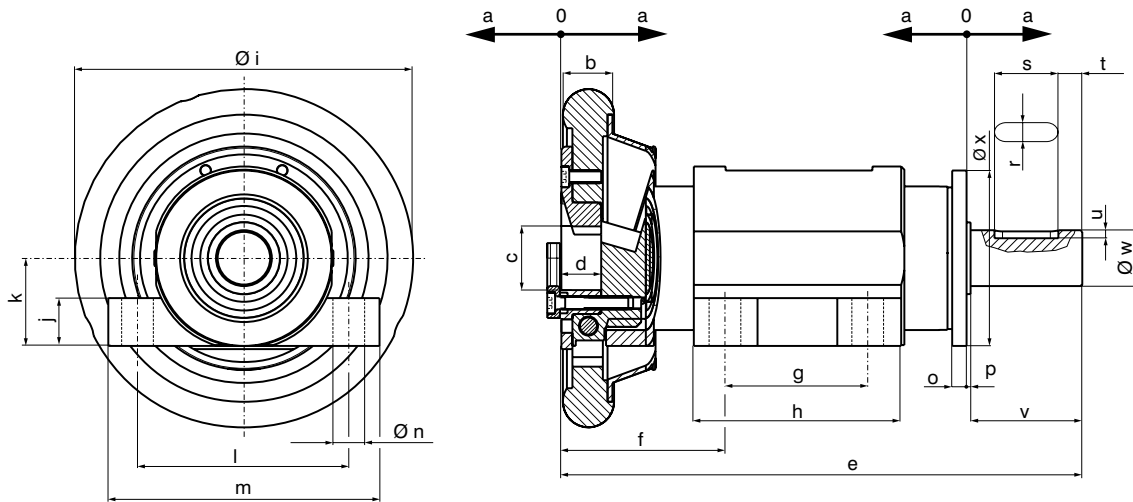
SKOF
chuck without shaft end



Boschert-Sliding-Chuck dim. sheet foot mounted chuck



SKW Boschert foot mounted chuck with shaft end



SW = adjustment

[Info 3.80](#)

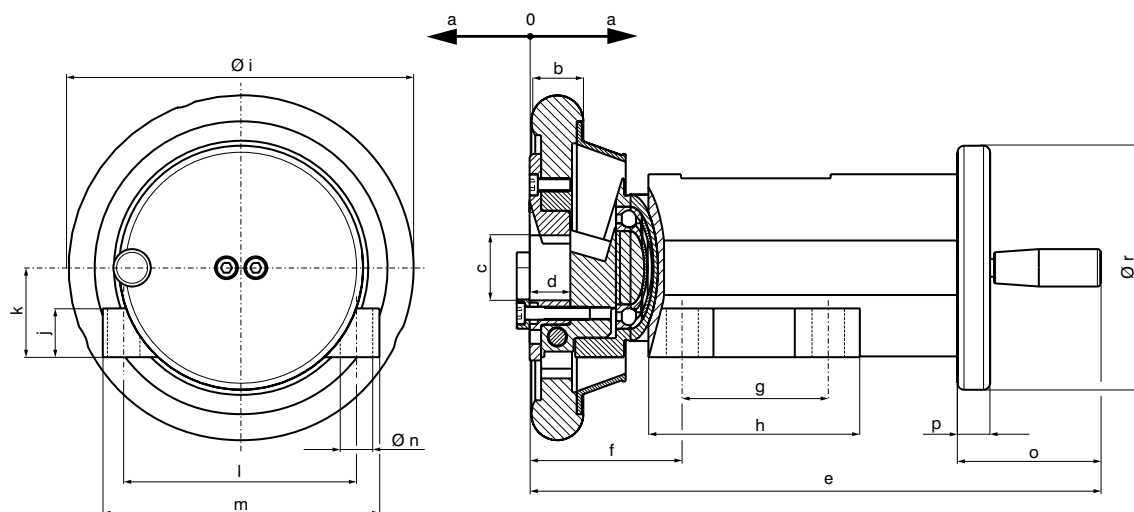
	22-30		30-40		40-50	
SW	50	100	50	100	50	100
a	25	50	25	50	25	50
b	25	25	32	32	40	40
c	22-30	22-30	30-40	30-40	40-50	40-50
d	22	22	25	25	27	27
e	322.5	422.5	338.5	438.5	372.5	472.5
f	100	125	103	128	115	140
g	90	90	90	90	80	80
h	130	130	130	130	130	130
i	160	160	212	212	235	235
j	18	18	30	30	28	28
k	50	50	55	55	75	75
l	110	110	140	140	160	160
m	145	145	168	168	200	200
n	13	13	14	14	14	14
o	12	12	12	12	12	12
p	1.5	1.5	2.5	2.5	2.5	2.5
r P9	8	8	12	12	14	14
s	40	40	70	70	90	90
t	15	15	6	6	10	10
u	4	4	5	5	5,5	5,5
v	70	70	82	82	110	110
w h6	28	28	42	50	50	50
x	87	87	110	110	125	125

	max. beam weight	max. torque	square bar
22-30	800 kg (1760 lbs)	180 Nm (130 ft·lb)	22-30 mm (0.8661"-1.1811")
30-40	1600 kg (3530 lbs)	350 Nm (250 ft·lb)	30-40 mm (1.1811" - 1.5748")
40-50	2800 kg (6170 lbs)	1100 Nm (800 ft·lb)	40-50 mm (1.5748"-1.9685")

Boschert-Sliding-Chuck dim. sheet foot mounted chuck



SKO Boschert foot mounted chuck without shaft end



[Info 3.80](#)

SW = adjustment

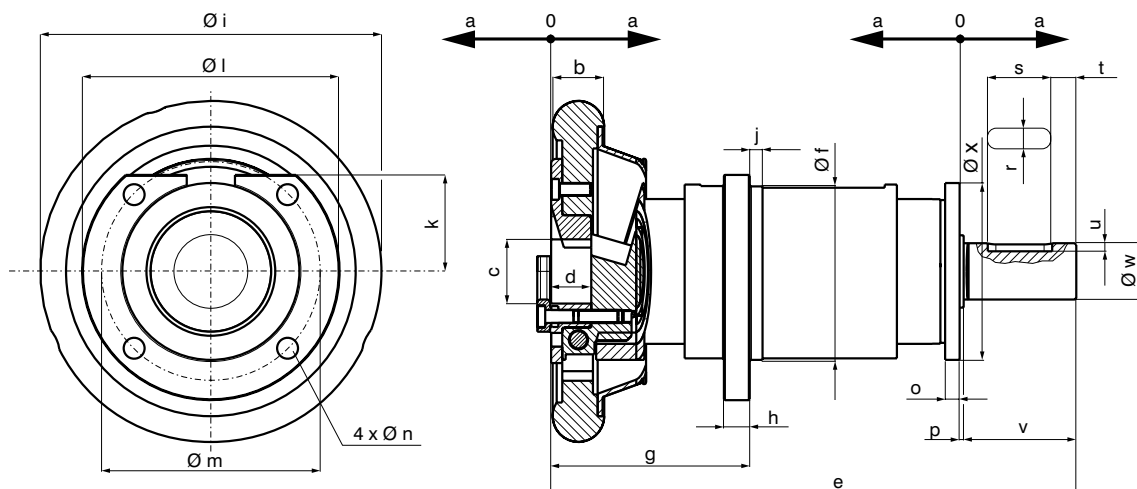
	22-30		30-40		40-50	
SW	50	100	50	100	50	100
a	25	50	25	50	25	50
b	25	25	32	32	40	40
c	22-30	22-30	30-40	30-40	40-50	40-50
d	22	22	25	25	27	27
e	357.5	433	360.5	435.5	381.5	456.5
f	100	125	103	128	115	140
g	90	90	90	90	80	80
h	130	130	130	130	130	130
i	160	160	212	212	235	235
j	18	18	30	30	28	28
k	50	50	55	55	75	75
l	110	110	140	140	160	160
m	145	145	168	168	200	200
n	13	13	14	14	14	14
o	83.5	84	87.5	87.5	102.5	102.5
p	16	16	20	20	20	20
r	128	128	150	150	168	168

	max. beam weight	max. torque	square bar
22-30	800 kg (1760 lbs)	180 Nm (130 ft·lb)	22-30 mm (0.8661"-1.1811")
30-40	1600 kg (3530 lbs)	350 Nm (250 ft·lb)	30-40 mm (1.1811" - 1.5748")
40-50	2800 kg (6170 lbs)	1100 Nm (800 ft·lb)	40-50 mm (1.5748"-1.9685")

Boschert-Sliding-Chuck dim. sheet flange mounted chuck



SKWF *Boschert* flange mounted chuck with shaft end



SW = adjustment

[Info 3.80](#)

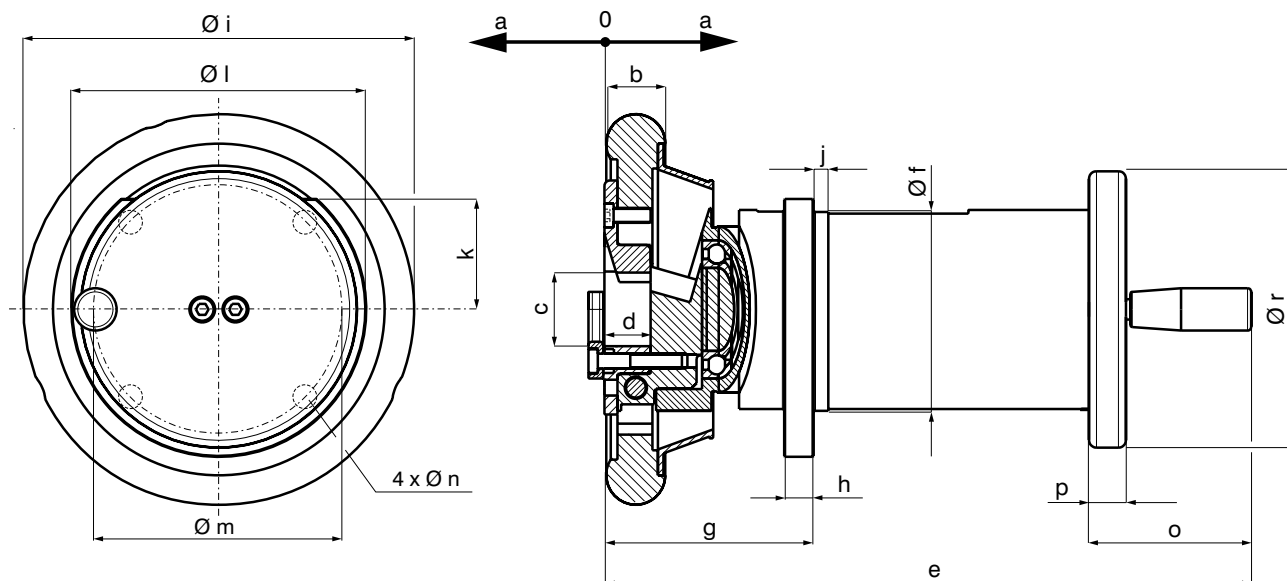
	22-30		30-40		40-50	
SW	50	100	50	100	50	100
a	25	50	25	50	25	50
b	25	25	32	32	40	40
c	22-30	22-30	30-40	30-40	40-50	40-50
d	22	22	25	25	27	27
e	322.5	422.5	338.5	438.5	372.5	472.5
f	100	125	103	128	115	140
g	90	90	90	90	80	80
h	130	130	130	130	130	130
i	160	160	212	212	235	235
j	18	18	30	30	28	28
k	50	50	55	55	75	75
l	110	110	140	140	160	160
m	145	145	168	168	200	200
n	13	13	14	14	14	14
o	12	12	12	12	12	12
p	1,5	1,5	2,5	2,5	2,5	2,5
r P9	8	8	12	12	14	14
s	40	40	70	70	90	90
t	15	15	6	6	10	10
u	4	4	5	5	5,5	5,5
v	70	70	82	82	110	110
w h6	28	28	42	50	50	50
x	87	87	110	110	125	125

	max. beam weight	max. torque	square bar
22-30	800 kg (1760 lbs)	180 Nm (130 ft·lb)	22-30 mm (0.8661"-1.1811")
30-40	1600 kg (3530 lbs)	350 Nm (250 ft·lb)	30-40 mm (1.1811" - 1.5748")
40-50	2800 kg (6170 lbs)	1100 Nm (800 ft·lb)	40-50 mm (1.5748"-1.9685")

Boschert-Sliding-Chuck dim. sheet flange mounted chuck



SKOF Boschert flange mounted chuck without shaft end

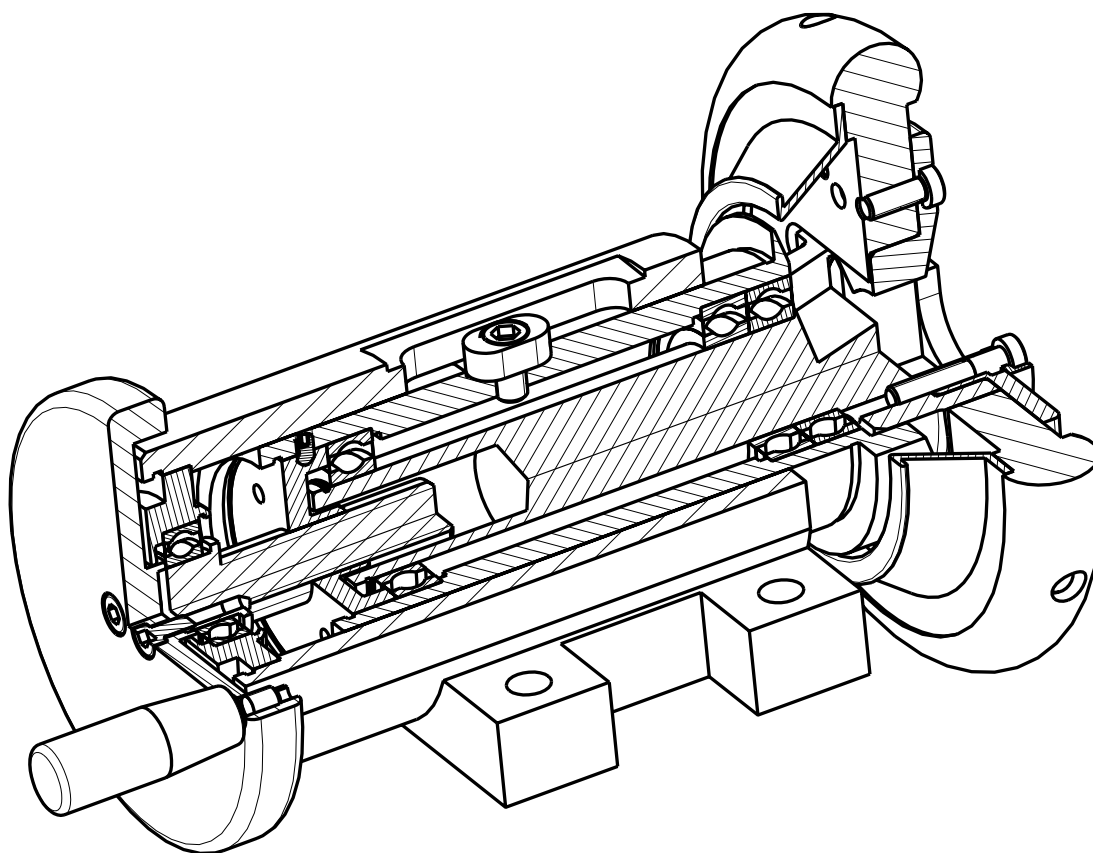


[Info 3.80](#)

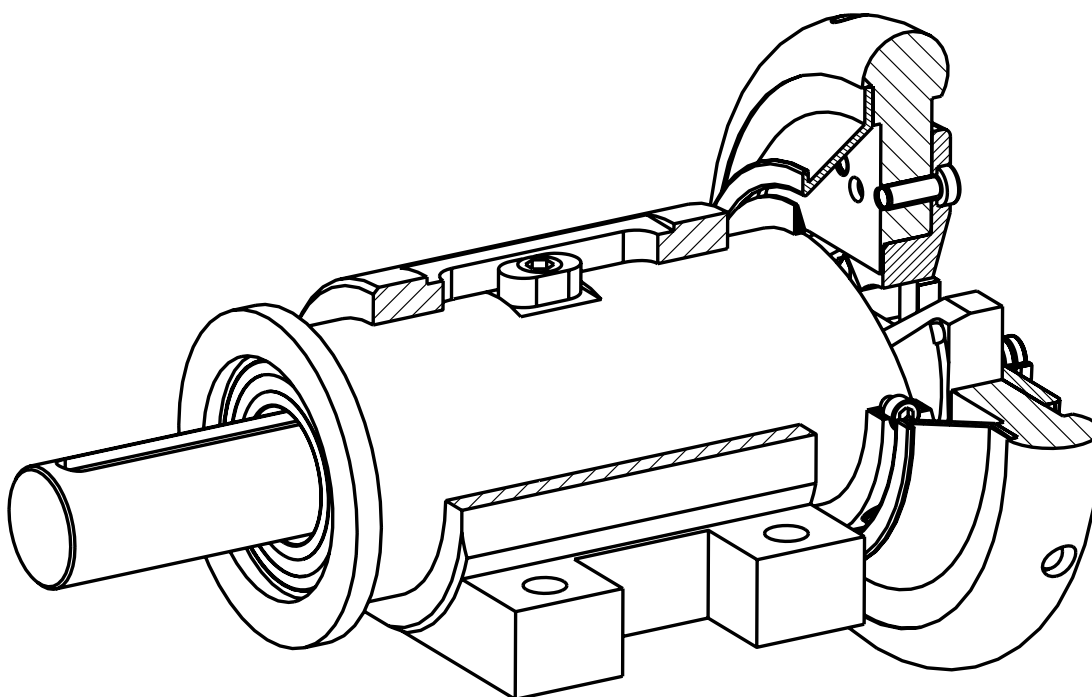
SW = adjustment

	22-30		30-40		40-50	
SW	50	100	50	100	50	100
a	25	50	25	50	25	50
b	25	25	32	32	40	40
c	22-30	22-30	30-40	30-40	40-50	40-50
d	22	22	25	25	27	27
e	357.5	433	360.5	435.5	381.5	456.5
f f7	100	100	110	110	140	140
g	116	141	123.5	148.5	136.5	161.5
h	16	16	16	16	22	22
i	160	160	212	212	235	235
j	4	4	8	8	8	8
k	55	55	60	60	77	77
l	145	145	160	160	210	210
m	145	145	168	168	200	200
n	11	11	13	13	18	18
o	83.5	84	87.5	87.5	102.5	102.5
p	16	16	20	20	20	20
r	128	128	150	150	168	168

	max. beam weight	max. torque	square bar
22-30	800 kg (1760 lbs)	180 Nm (130 ft·lb)	22-30 mm (0.8661"-1.1811")
30-40	1600 kg (3530 lbs)	350 Nm (250 ft·lb)	30-40 mm (1.1811" - 1.5748")
40-50	2800 kg (6170 lbs)	1100 Nm (800 ft·lb)	40-50 mm (1.5748"-1.9685")

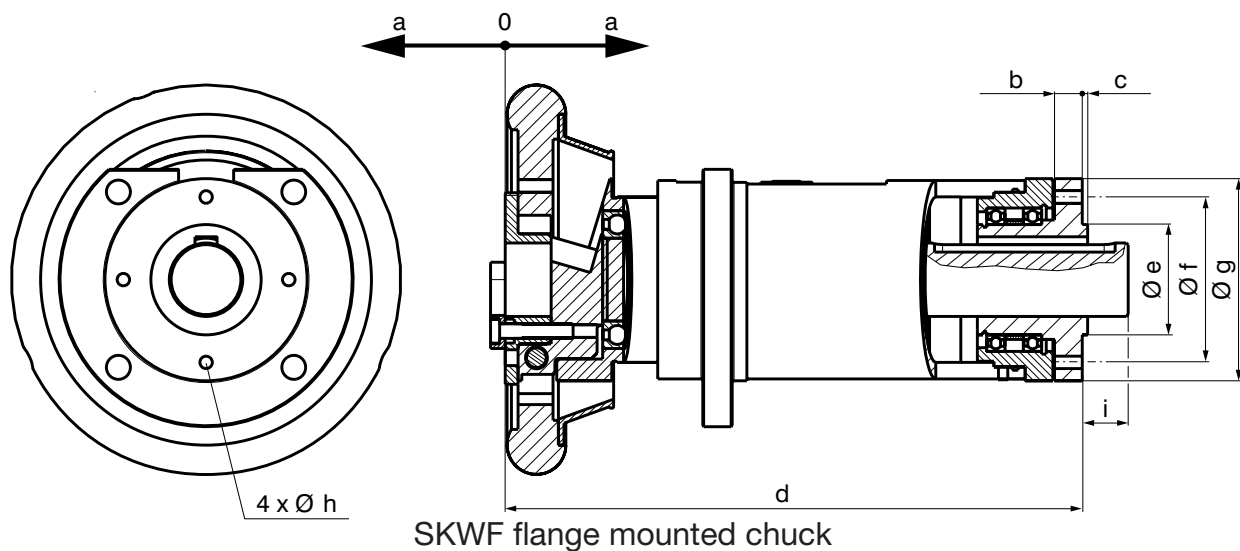
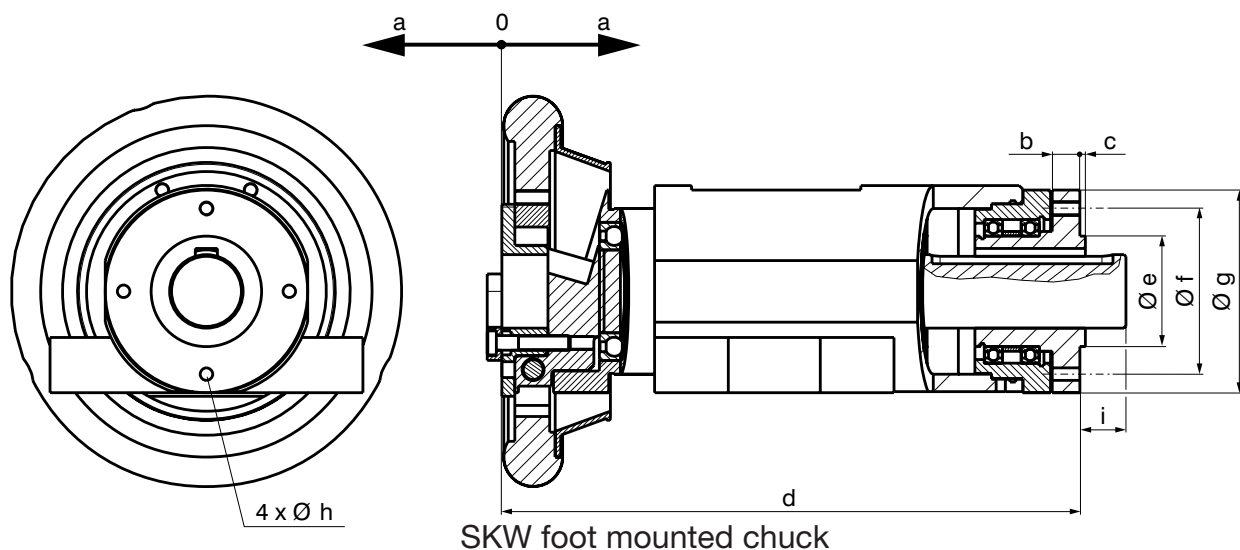


SKO foot mounted chuck without shaft end



SKW foot mounted chuck with shaft end

Boschert-Sliding-Chuck with axial fixed drive



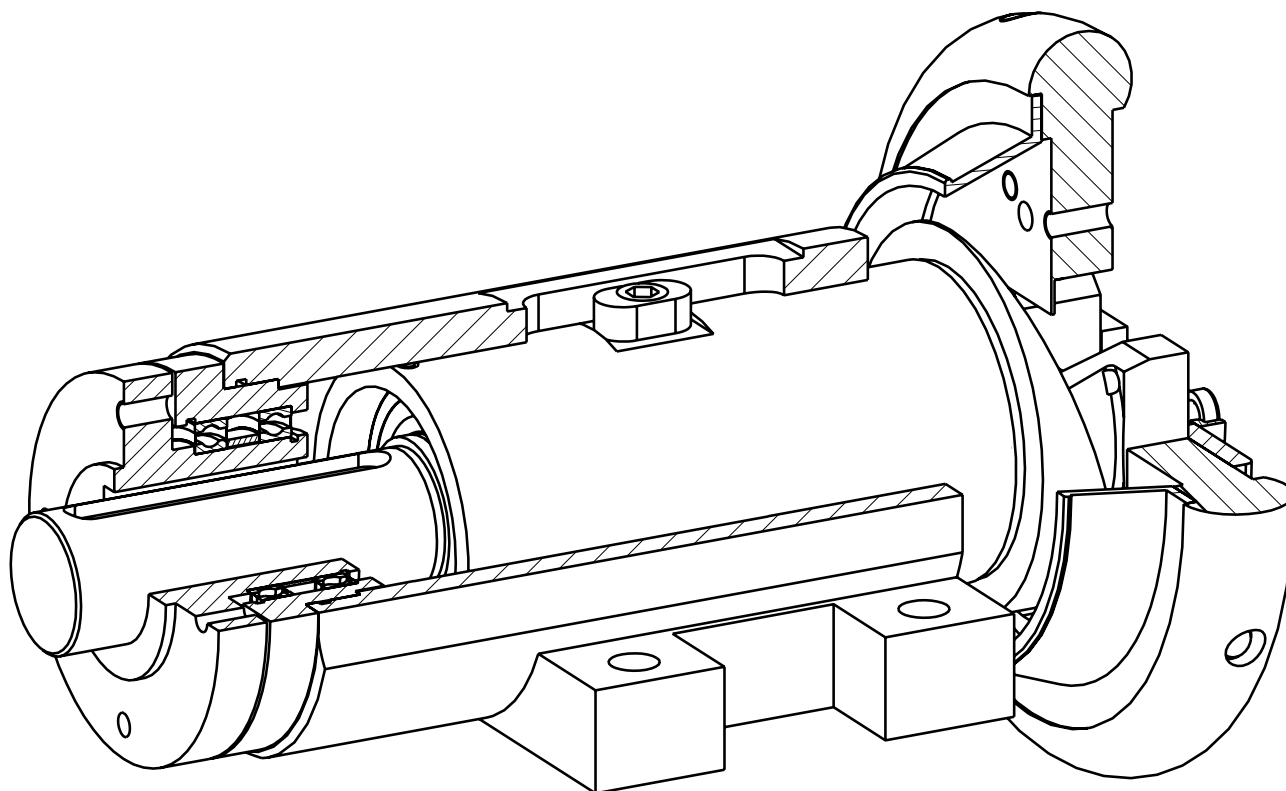
SW = adjustment

	22-30		30-40		40-50	
SW	50	100	50	100	50	100
a	25	50	25	50	25	50
b	12	12	15	15	15	15
c	3	3	3	3	3	3
d	308	383	314	389	330	405
e h7	50	50	60	60	76	76
f	75	75	90	90	110	110
g	98	98	110	110	138	138
h	M8	M8	M8	M8	M10	M10
i	30	50	25	50	31	56

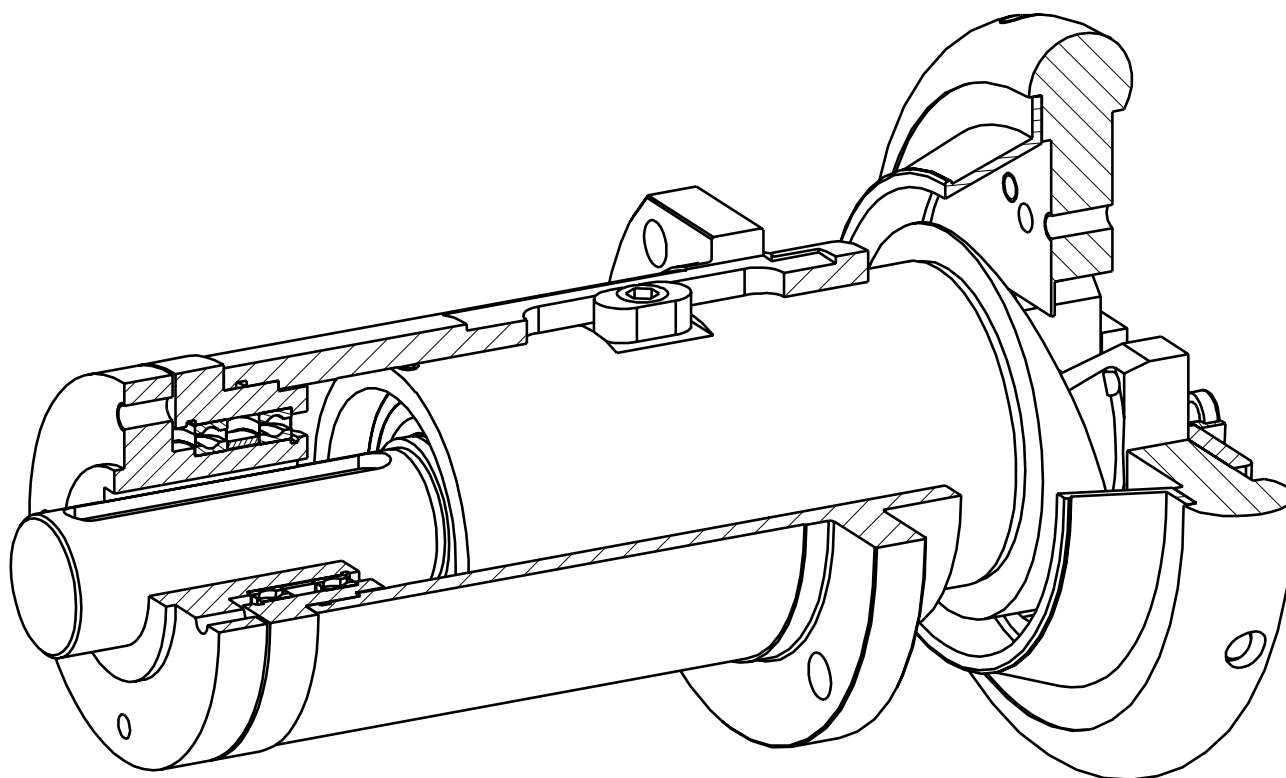
for dimensions not
shown please see
page [3.04](#) / [3.06](#)

	max. beam weight	max. torque	square bar
22-30	800 kg (1760 lbs)	180 Nm (130 ft·lb)	22-30 mm (0.8661"-1.1811")
30-40	1600 kg (3530 lbs)	350 Nm (250 ft·lb)	30-40 mm (1.1811" - 1.5748")
40-50	2800 kg (6170 lbs)	1100 Nm (800 ft·lb)	40-50 mm (1.5748"-1.9685")

Construction Sliding-Chuck with axial fixed drive

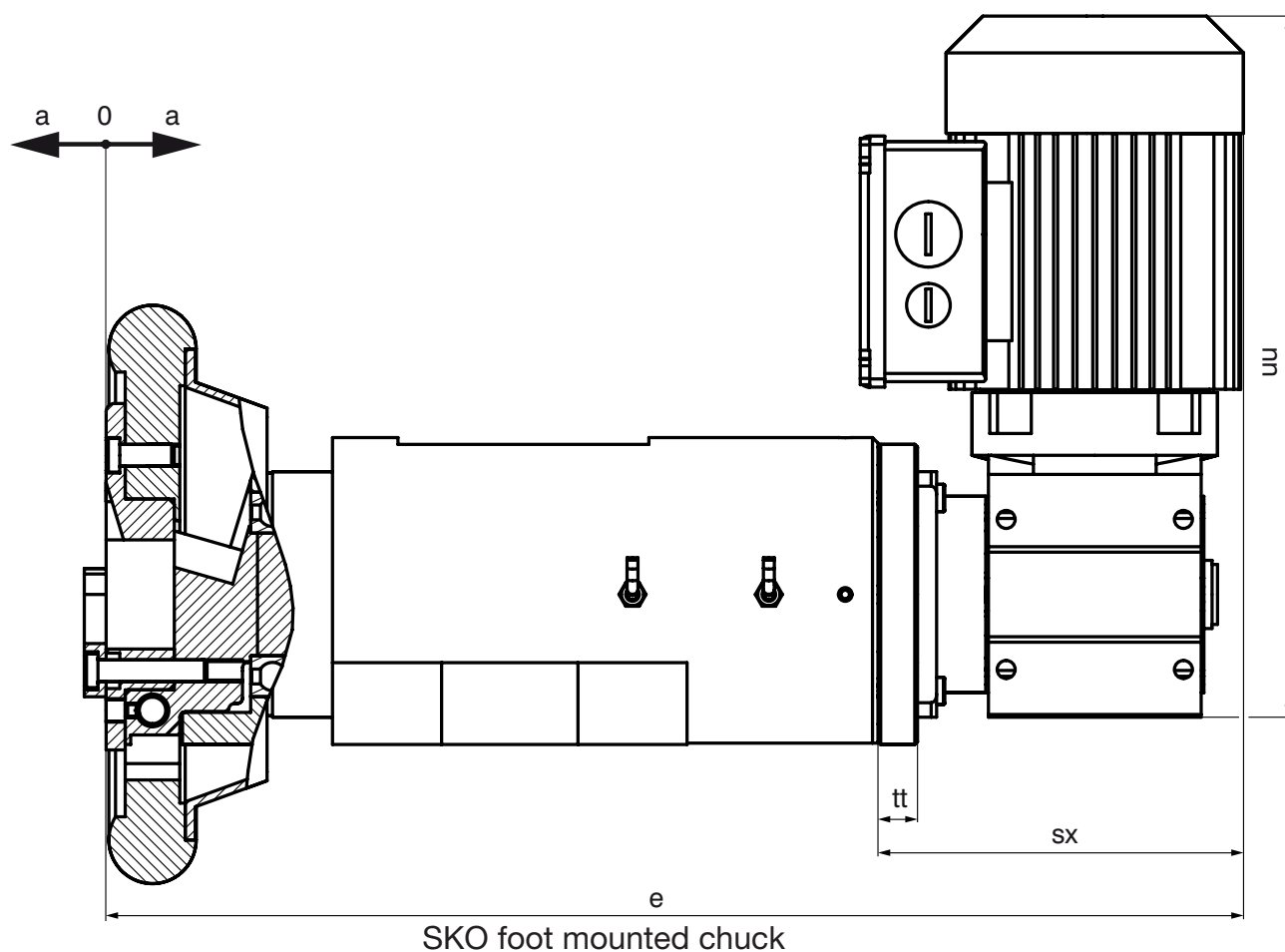


SKW foot mounted chuck



SKWF flange mounted chuck

Boschert-Sliding-Chuck with motorized adjustment



SKO foot mounted chuck

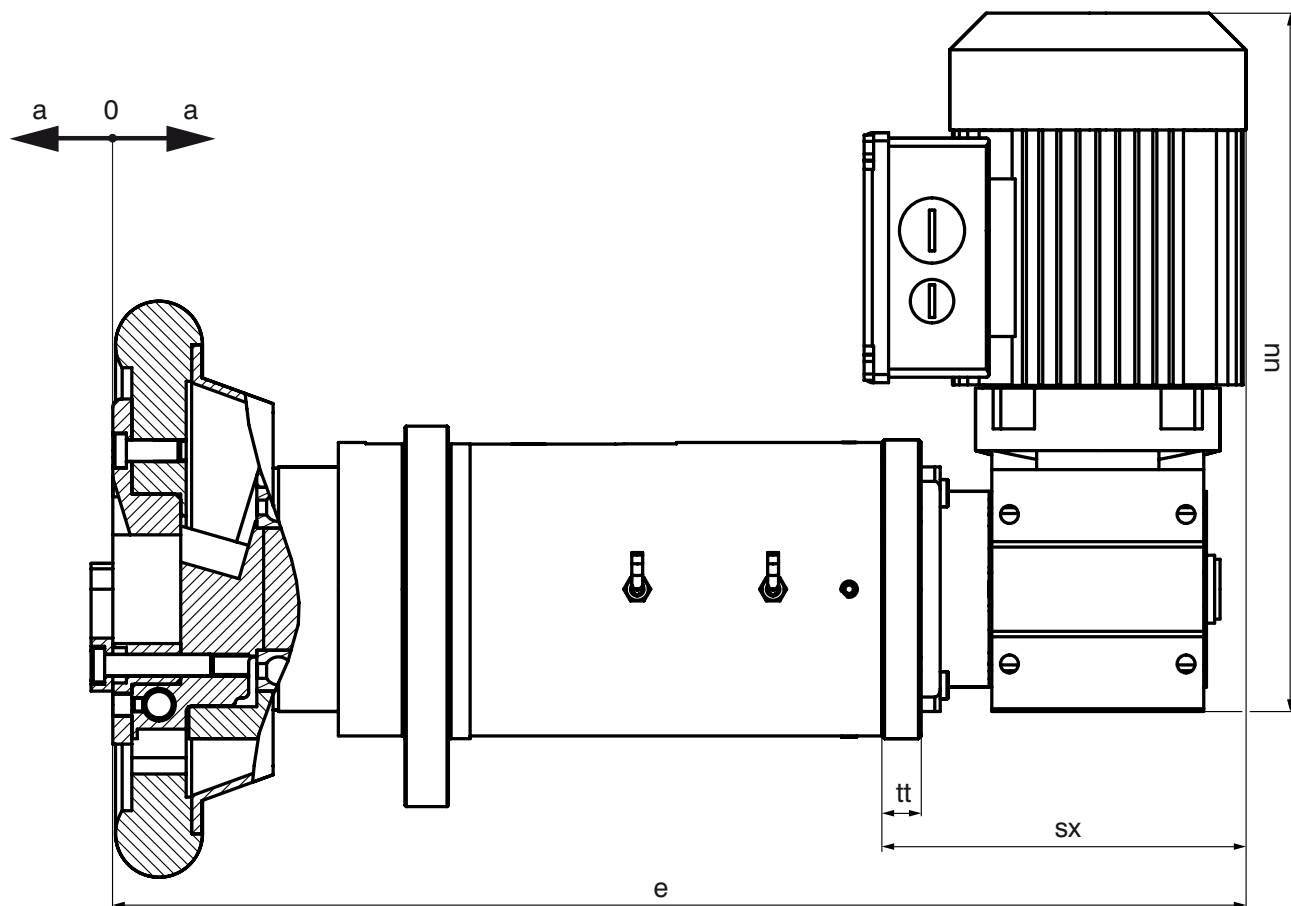
SW = adjustment

	22-30		30-40		40-50	
SW	50	100	50	100	50	100
a	25	50	25	50	25	50
e	412.5	489.5	417	492	425	499
sx	134	134	134	134	134	134
tt	14	14	14.5	14.5	14.5	14.5
uu	267	267	267	267	267	267

for dimensions not shown please see page [3.04](#)

	max. beam weight	max. torque	square bar
22-30	800 kg (1760 lbs)	180 Nm (130 ft·lb)	22-30 mm (0.8661" - 1.1811")
30-40	1600 kg (3530 lbs)	350 Nm (250 ft·lb)	30-40 mm (1.1811" - 1.5748")
40-50	2800 kg (6170 lbs)	1100 Nm (800 ft·lb)	40-50 mm (1.5748" - 1.9685")

Boschert-Sliding-Chuck with motorized adjustment



SKOF flange mounted chuck

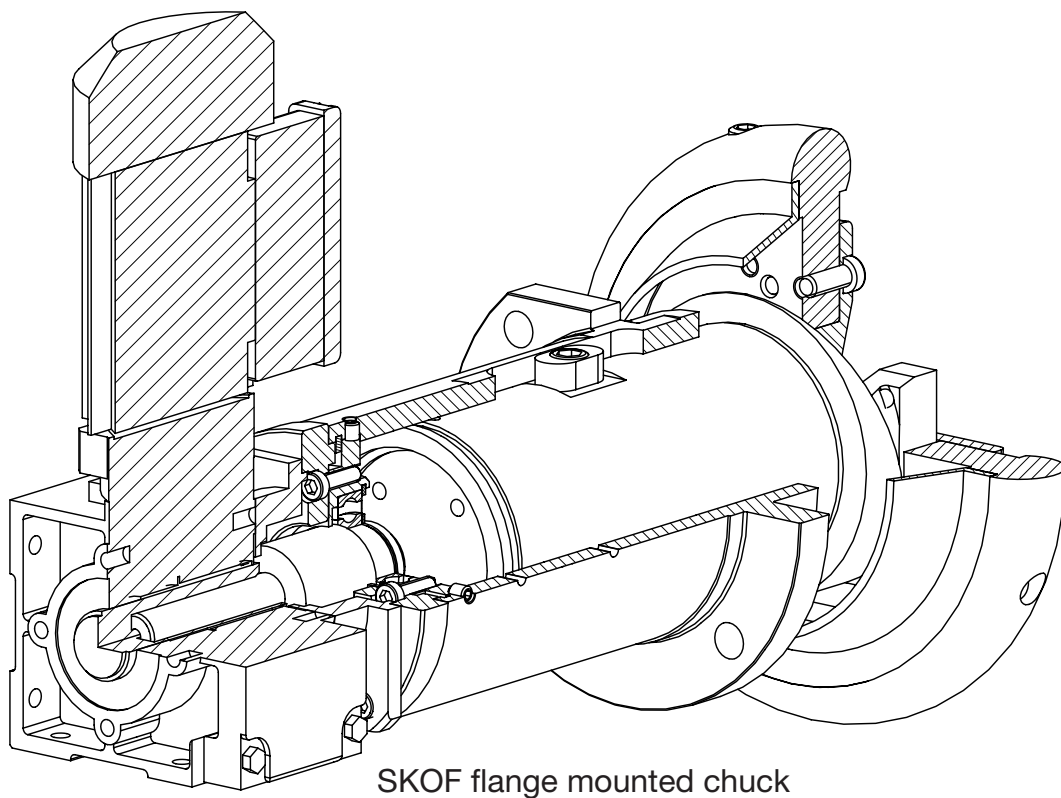
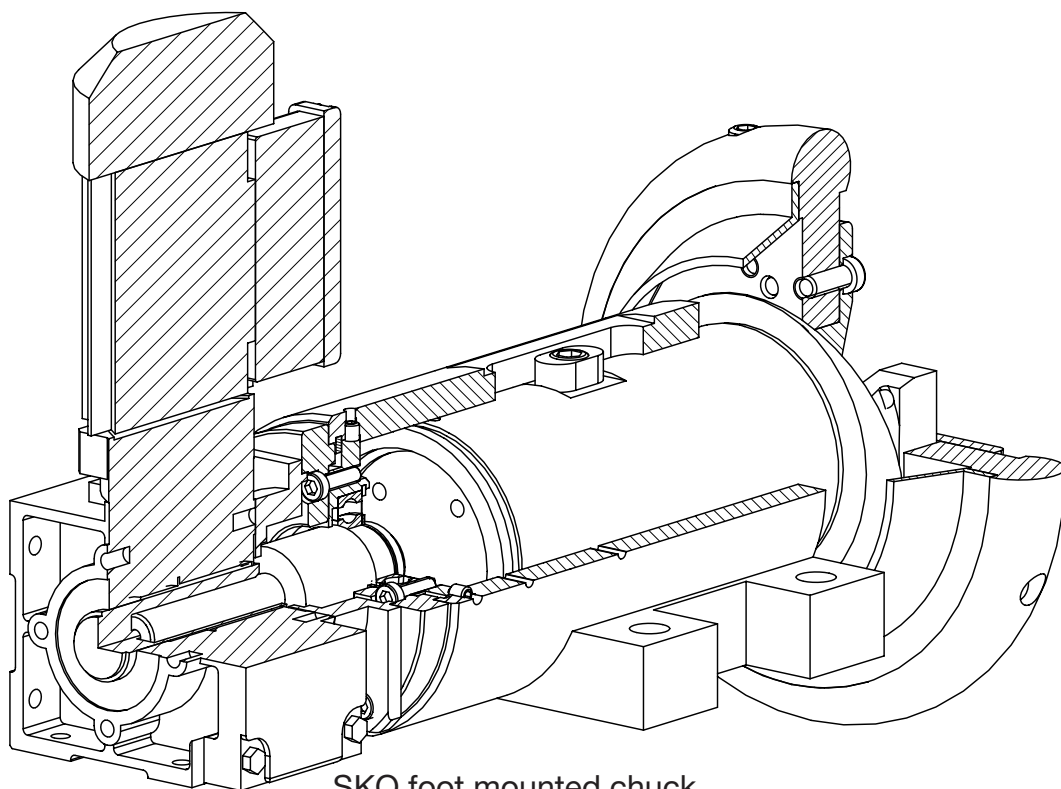
SW = adjustment

	22-30		30-40		40-50	
SW	50	100	50	100	50	100
a	25	50	25	50	25	50
e	412.5	489.5	417	492	425	499
sx	134	134	134	134	134	134
tt	14	14	14.5	14.5	14.5	14.5
uu	267	267	267	267	267	267

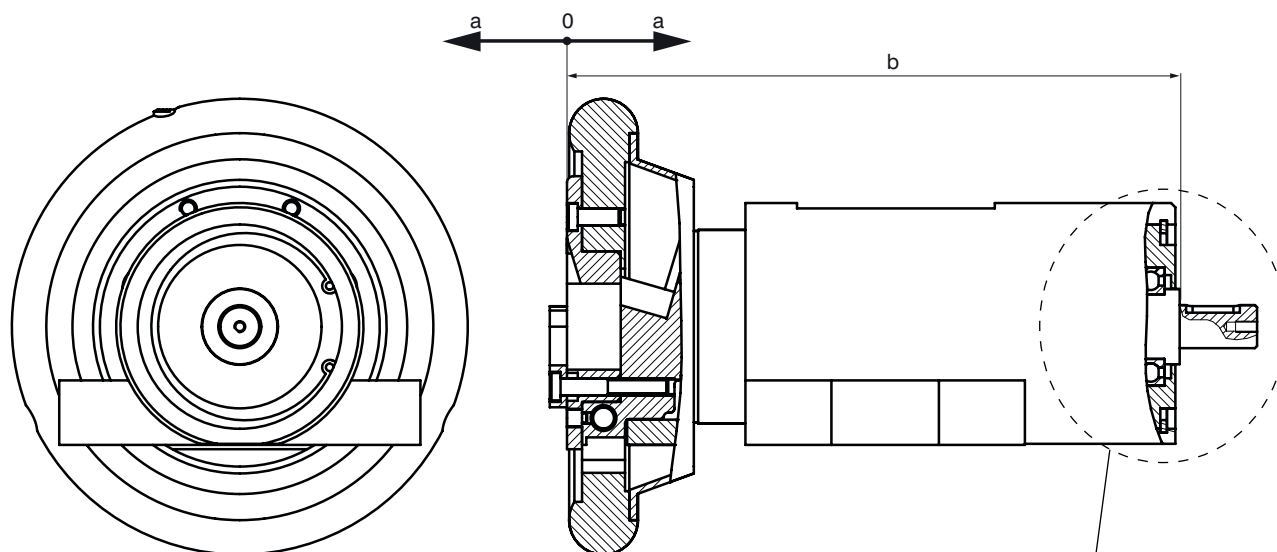
for dimensions not
shown please see
page 3.06

	max. beam weight	max. torque	square bar
22-30	800 kg (1760 lbs)	180 Nm (130 ft·lb)	22-30 mm (0.8661"-1.1811")
30-40	1600 kg (3530 lbs)	350 Nm (250 ft·lb)	30-40 mm (1.1811" - 1.5748")
40-50	2800 kg (6170 lbs)	1100 Nm (800 ft·lb)	40-50 mm (1.5748"-1.9685")

Construction Sliding-Chuck with motorized adjustment



Boschert-Sliding-Chuck for motorized adjustment



SKO foot mounted chuck

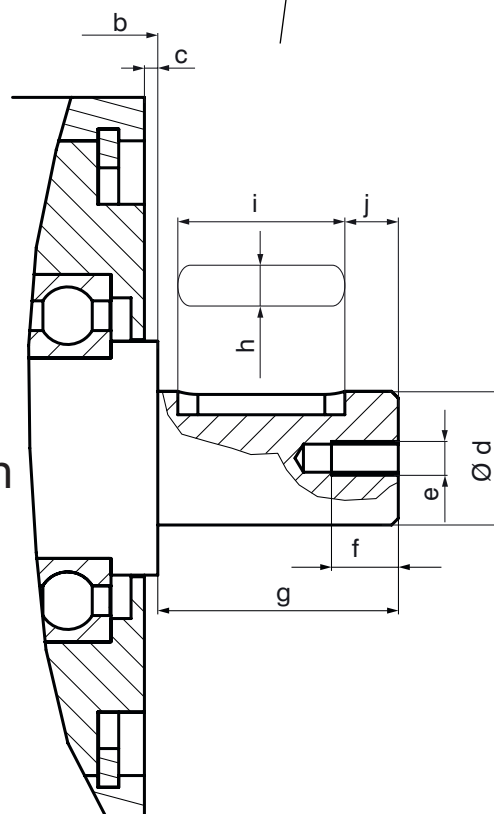
SW = adjustment

	22-30		30-40		40-50	
SW	50	100	50	100	50	100
a	25	50	25	50	25	50
b	300	358	285	360	291	366
c	2	2	2	2	2	2

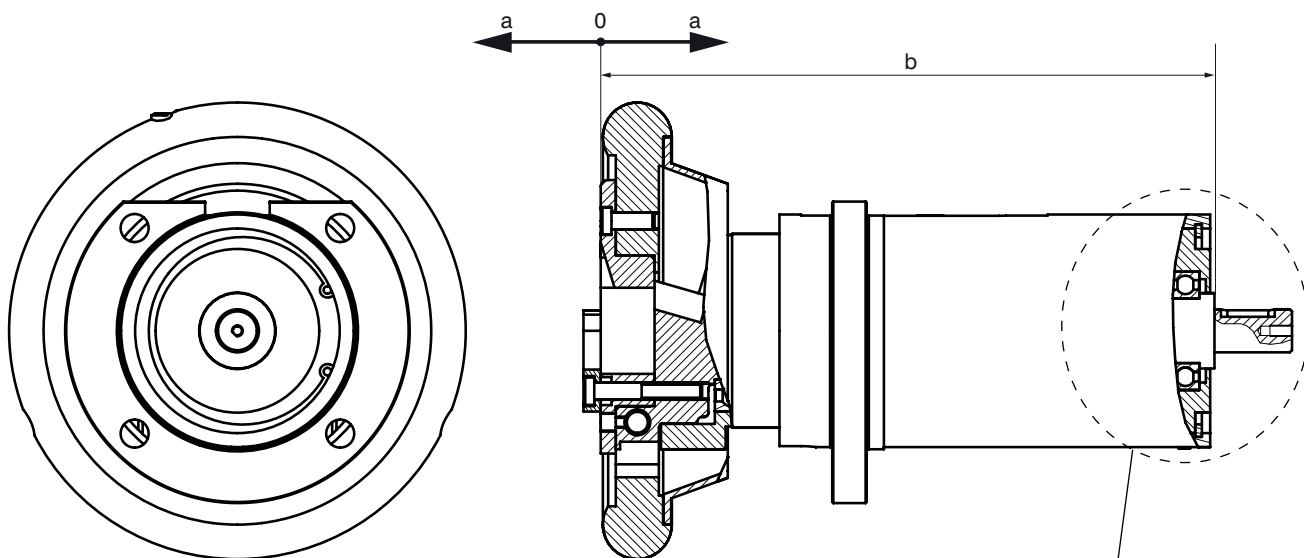
for dimensions not shown please see page [3.04](#)

Shaft end per customer specification

d =		mm
e =		mm
f =		mm
g =		mm
h =		mm
i =		mm
j =		



Boschert-Sliding-Chuck for motorized adjustment



SKOF flange mounted chuck

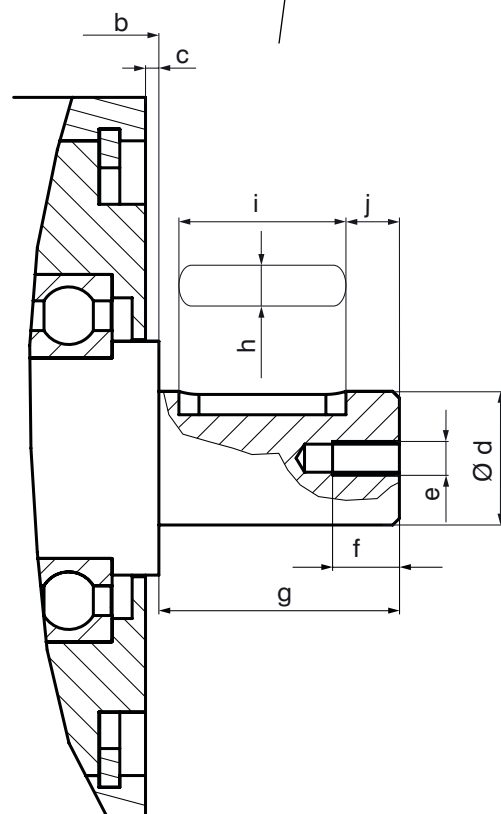
SW = adjustment

	22-30		30-40		40-50	
SW	50	100	50	100	50	100
a	25	50	25	50	25	50
b	300	358	285	360	291	366
c	2	2	2	2	1	1

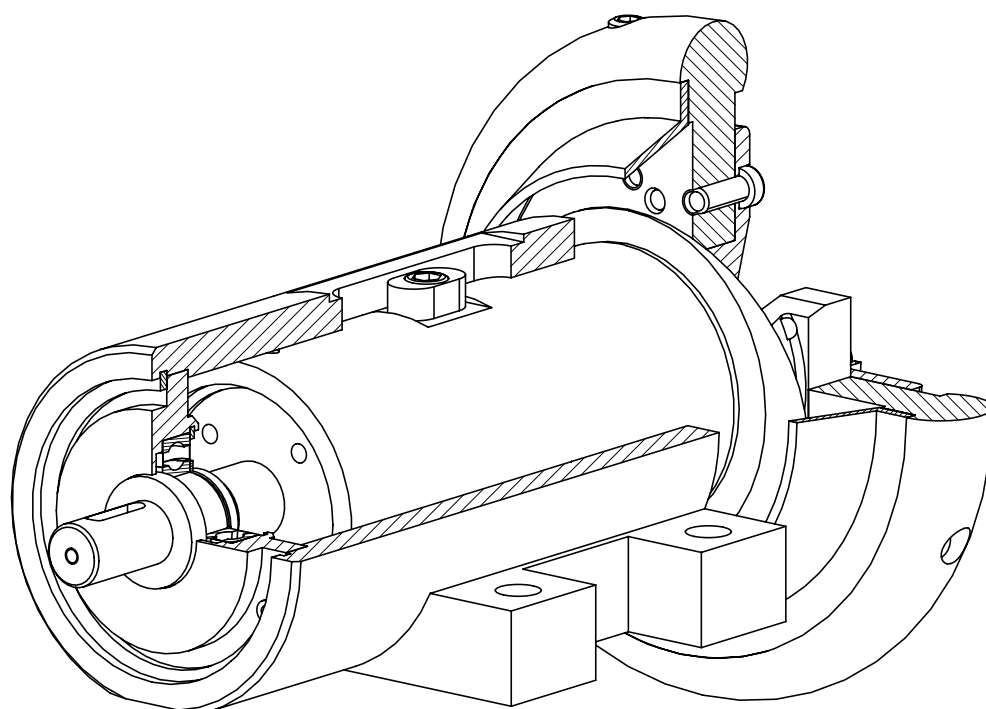
for dimensions not shown please see page [3.06](#)

Shaft end per customer specification

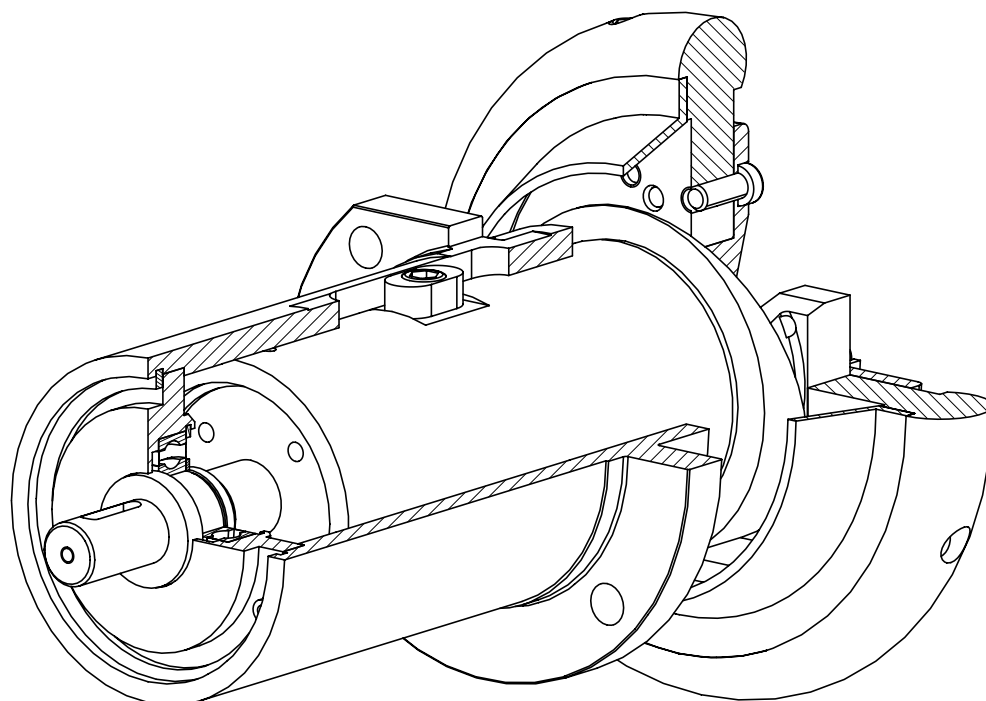
d =		mm
e =		mm
f =		mm
g =		mm
h =		mm
i =		mm
j =		



Construction Sliding-Chuck for motorized adjustment



SKO foot mounted chuck



SKOF flange mounted chuck

VT-insert



VT 1

[Info 11.10](#)



VT 2

[Info 11.10](#)



VT 6

[Info 11.11](#)



VT 7

[Info 11.12](#)

Special square bar

VT1/VT2:

on request

Note at VT2 and VT7 Chucks:

max. weight = 0.8 x catalogue value

max. torque = 0.7 x catalogue value

[Info 11.20](#)

VT1

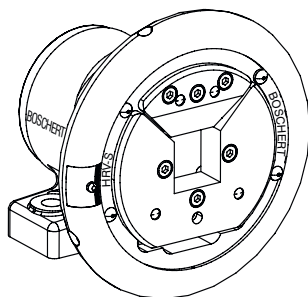
Shaft end

Special shaft ends per customer request

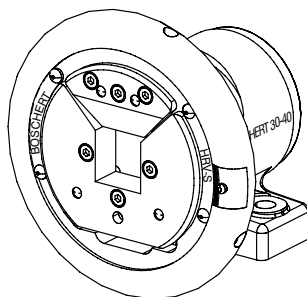
Max. shaft-dia.: see table
(special shaft without stop)

type	max. shaft-dia.
22-30	Ø 30 mm
30-40	Ø 45 mm
40-50	Ø 55 mm

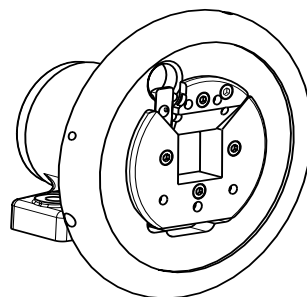
Handwheel lock



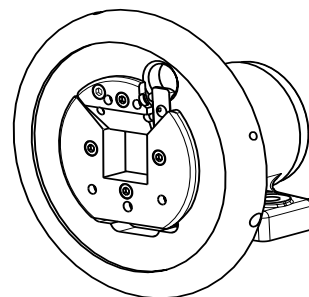
HRV-S left



HRV-S right



HRV II left



HRV II right

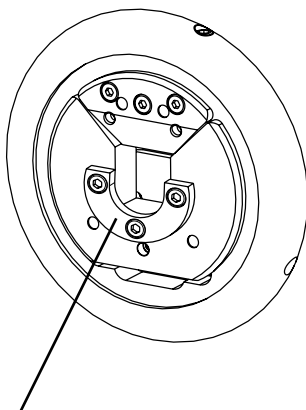
**Due to safety reasons we recommend
handwheel locks on applications in turret winders.**

[Info 8.30](#)

[Info 8.31](#)

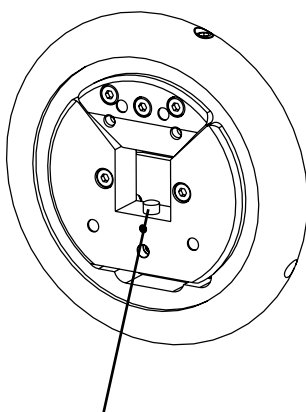
Handwheel-diameter on chucks 30-40 / 40-50 with lock type II: ~ Ø 248 mm

Axial locking of winding shaft



Axial locking with driver disc

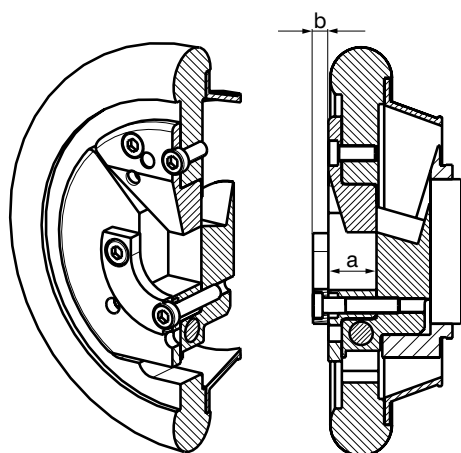
	standard	Option
VT1	x	
VT2	x	
VT6	x	
VT7	x	



Axial locking with driver pin

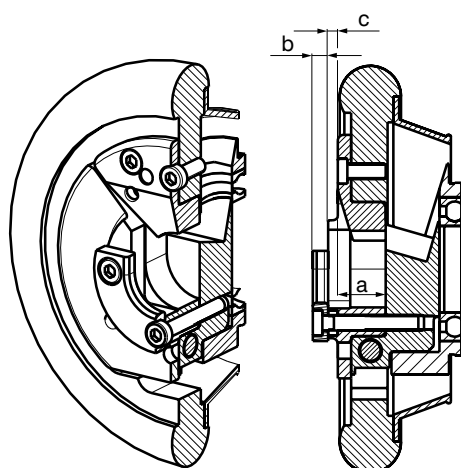
	standard	Option
VT1		x

Dimensions axial locking in Sliding-Chuck



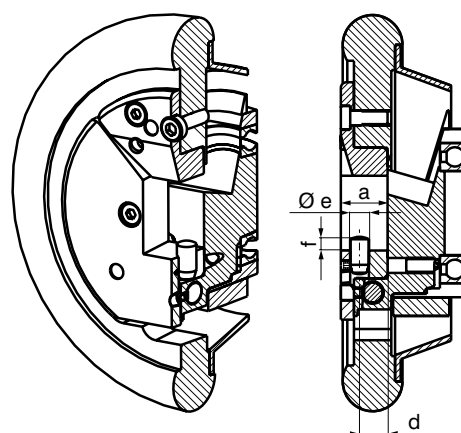
driver disc VT1 / VT2 / VT6

	22-30	30-40	40-50
a	22	25	27
b	7	8	8



driver disc VT7

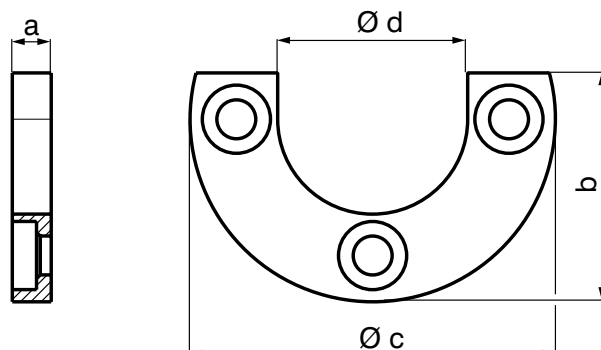
	22-30	30-40	40-50
a	22	25	27
b	7.5	7.5	7.5
c	3	5	4



driver pin

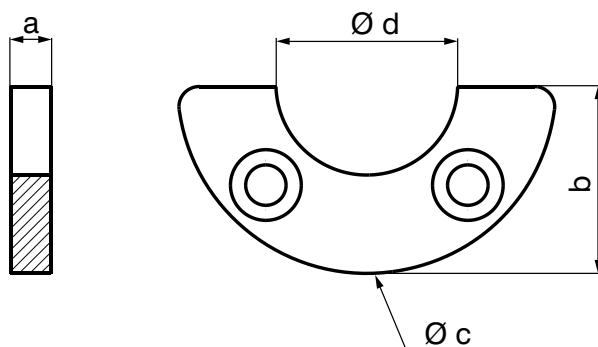
	22-30	30-40	40-50
a	22	25	27
d	12	15	14
e M6	8	10	12
f	6	6	6

VT 1



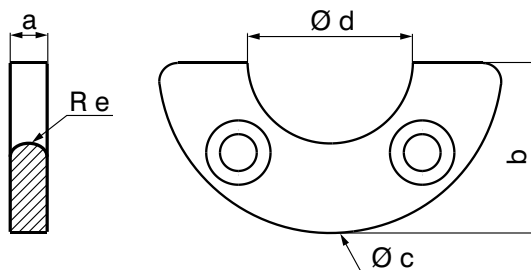
	Mini	19-25	22-30	30-40	40-50
a	5	5	7	8	8
b	31	30	38	47	55
c	48	48	60	75	90
d	d = square bar dimension - 1 ^{+0.1}				

VT 2



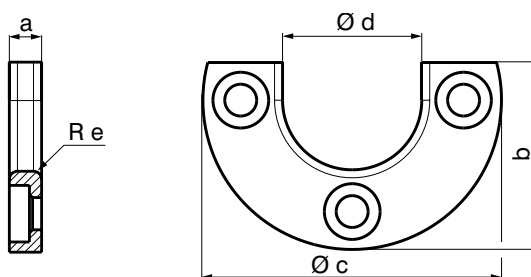
	22-30	30-40	40-50
a	7	8	8
b	38	47	55
c	60	75	90
d	d = square bar dimension - 1 ^{+0.1}		

VT 6



	Mini	19-25	22-30	30-40	40-50
a	7	7	7	8	8
b	23	23	29	37	44
c	48	48	60	75	90
d	20 ^{+0.1}	20 ^{+0.1}	30 ^{+0.1}	36 ^{+0.1}	46 ^{+0.1}
e	3.5	3.5	3.5	4	4

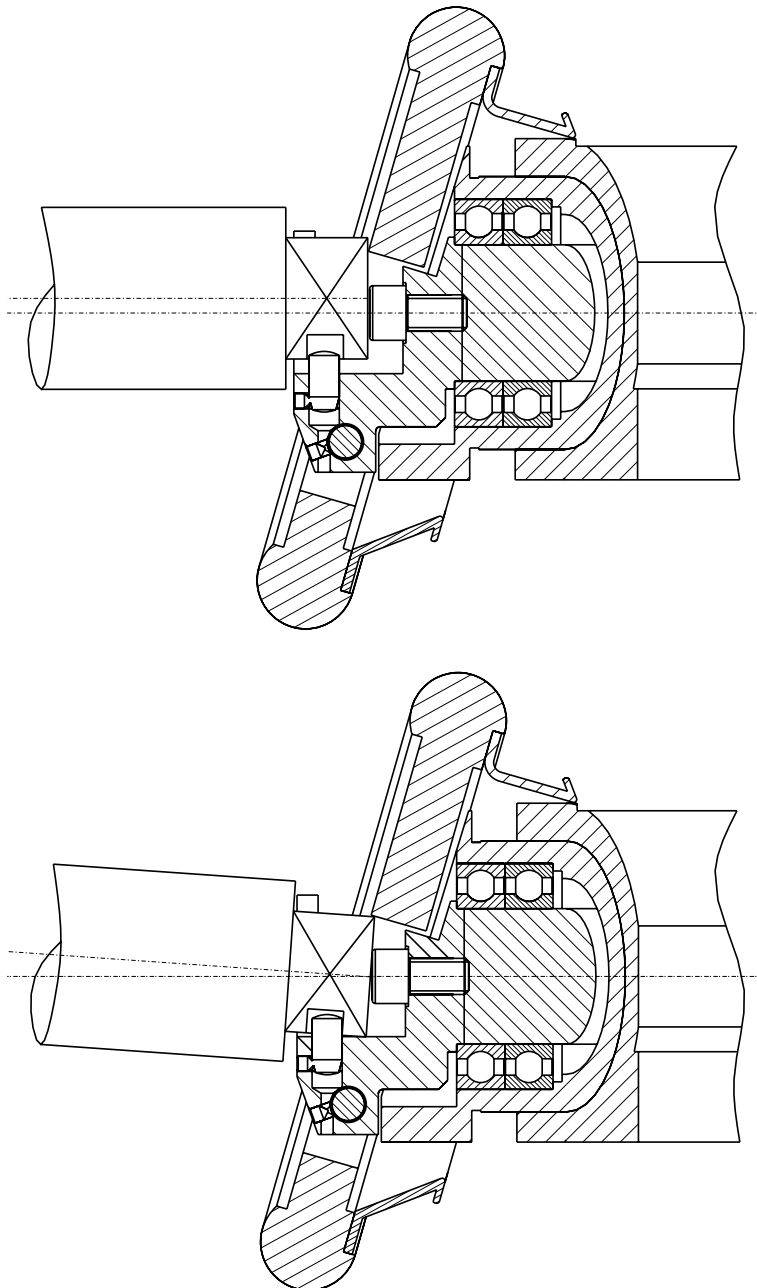
VT 7



	22-30	30-40	40-50
a	7,5	7,5	7,5
b	38	47	55
c	60	75	90
d	29 ^{+0.1}	39 ^{+0.1}	49 ^{+0.1}
e	2	2	2

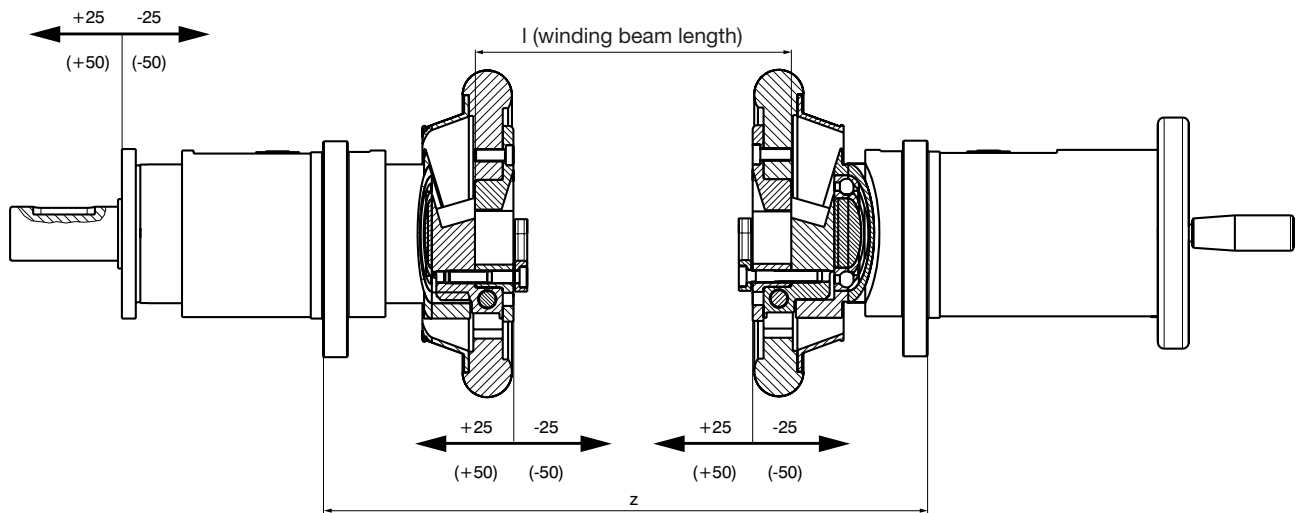
For chucks with axial-movement with driver pin

Occasionally, operation errors can occur when using a crane and the driver pins can become damaged. During unloading, if the winding shaft is lifted at an angle, enormous leverages can occur on the pins and cause them to shear.

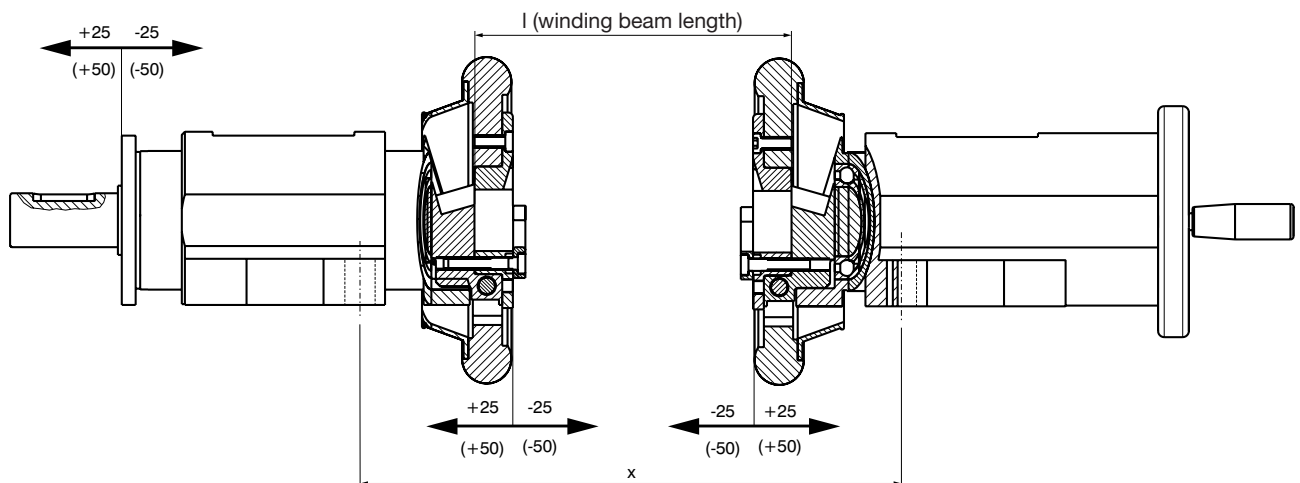


Please use driver discs as an alternative.

flange mounted chuck



foot mounted chuck



50 mm adjustment

	22-30	30-40	40-50
x	$l+156$	$l+156$	$l+176$
z	$l+188$	$l+197$	$l+219$

100 mm adjustment

	22-30	30-40	40-50
x	$l+206$	$l+206$	$l+226$
z	$l+238$	$l+247$	$l+269$

x / z = fixing distance