

Upholstered furniture is your passion ... Ours too!





trendline



filigrano II



freeline lounge





Heavy duty upholstery joint



lift fitting-silence



Headrest adjustment



Functional fitting for sofabed



Backrest fitting

Content

Service

Production and locations

Functional fittings for chairs, swivel chairs, multiseaters and longchairs

with ground clearance

Accessories, swivel chairs

Accessories and optional equipment, motor systems

Functional fittings for sofabeds and unit ranges

Sofabeds with closed front

Sofabeds with ground clearance

Functional fittings for headrest-, armrest and backrest adjustments

Connectors

Functional fittings for beds

We will support you right from the start

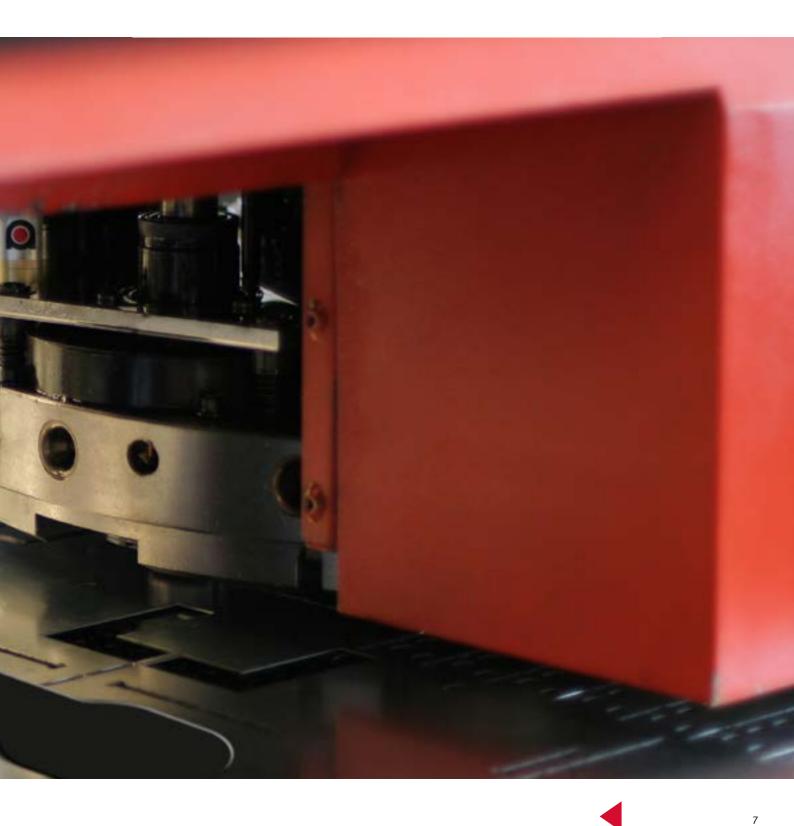




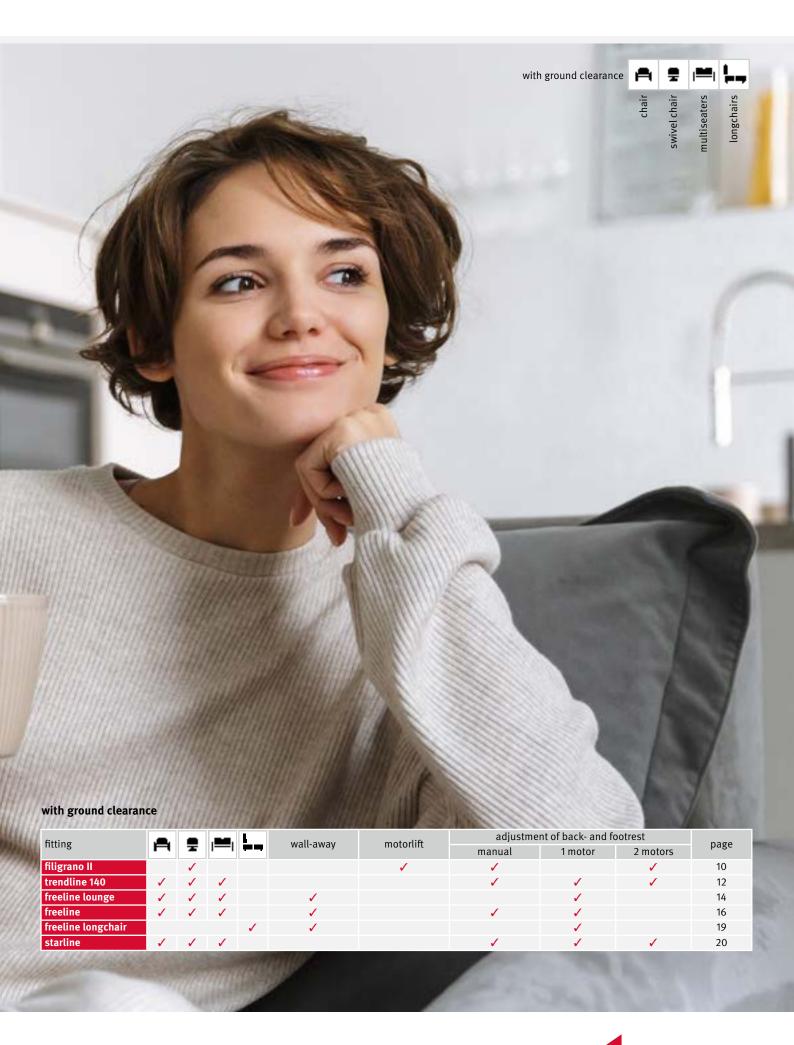


Develop your upholstered furniture with us!

More than 75 years of experience in development, production and efficient series production. The market continues to develop - and so do we! For decades, our product policy has been focussed on further development of fittings for the upholstered furniture industry and other industrial sectors. Our innovative product portfolio with functional fittings and construction elements for all applications is therefore at the forefront when it comes to intelligent function. Demand-oriented development Whether it's possible hardware functions or their individual adaptation to your product vision from the application consultation to the subsequent production, our internal organisational structures are geared to fast implementation of new products. Take advantage of the shortcut to Optimal market launch Realise your projects in a targeted and timely manner. Whether prototypes, small series or large series - we adapt to your quantity and market requirements. We combine the greatest possible flexibility with consistent quality management, so that you can fully rely on your functional fittings. Proven series supply With our know-how in the use of quantity-optimised production technology, such as the use of flatbed or punching lasers and efficient progressive stamping technology, semi- and and fully automated assembly technology as well as experienced employees, we guarantee stable customer supply in perfect quality.









filigrano II

patent

Innovative accents for swivel chairs with ground clearance and rise function, variable seat heights and depths

Maximum comfort for all generations: a large lying area, variable seat heights and depths as well as an optional rise function is what makes the multifunctional fitting filigrano II special. The open armrest reflect its modern and transparent design.

back-, seat- and footrest adjustment

adjustment	manual	motorised	motorlift	incl. middle unit	seat height cm	unit	width 505 mm
	gas spring/lever	-	-	-	44/46	set	AA 73-01
	gas spring/button	-	-	-	44/46	set	AA 73-10
separate	-	2 motors	-	-	44/46	set	AA 73-02
	-	3 motors	×	×	44	set	AA 73-03
	-	3 motors	×	×	46	set	AA 73-04







- · motorlift with concealed drive technology
- separate adjustment of back, seat, footrest and motorlift
- 3 different seat depths, 2 different seat heights
- multiple design options with adjustable back heights and various back shapes
- for manual or motorised adjustable swivel chairs

- motorlift with swivel lock
- new seat width for ideal proportions
- integrated headrest adjustment
- rechargeable battery with deep discharge protection
- no power consumption in standby mode
- individual back shapes on request

accessories		unit	article
	middle unit		
	seat height 44 cm	pce.	RN 45-60
	seat height 46 cm	pce.	RN 45-61
	disc base		
	brushed stainless steel	pce.	RN 45-27
	Ø 625 mm		
	starbase	pce.	RN 45-40
	aluminium polished		
	Ø 625 mm more star base types on page 24		

accessories		unit	article
	armrest adapter for wooden armrest, fixed (for adjustment manual and 2 motors)	pce.	MP 26-15
	armrest adapter for metal armrest, fixed (for adjustment manual and 2 motors)	pce.	MP 26-20
	armrest adapter for moving metal armrest (for adjustment with 2 or 3 motors)	set	MP 26-25
	damper unit	set	DA 14-48

Custom made versatility for motorised adjustments

Please select from our wide range of control elements on page 24













adapter for touch sensor

touch sensor

handset

switching power supply



built-in buttons for 1 or 2 motors







trending 140

Ground clearance up to 140 mm, comfort experience for any size

High quality patented comfort: trendline 140 guarantees a first class comfort experience for all sizes. The up to 140 mm ground clearance offer ideal inspriration for a smooth, modern design for relaxing chairs, swivel chairs and multiseaters.







back-, seat- and footrest adjustment

adjustment	manual	motorised	unit	width, mm			
				535	585	635	750
fixed	-	-	set	KX 01-74			
combined	×	-	set		AA 22-01		
Combined	-	1 motor	set	AA 22-35	AA 22-36	AA 22-37	AA 22-38
	gas spring left	-	set	AA 22-25	AA 22-26	AA 22-27	AA 22-28
separate	gas spring right	-	set	AA 22-30	AA 22-31	AA 22-32	AA 22-33
	-	2 motors	set	AA 22-40	AA 22-41	AA 22-42	AA 22-43





- ground clearance up to 140 mm
- seat depth and reclining area with spacious reclining comfort for all body sizes
- for manual or motorised adjustable chairs, swivel chairs and multiseaters
- combined or separate adjustment of back- and footrest
- wooden or metal frames for seat and back possible
- all from one source: mechanism and motor system perfectly compatible
- larger metal backframe for tall persons available
- motorised swivel chair with rechargeable battery available

accessories		width mm	unit	article
A. A.	chassis	535	pce.	KX 35-00
	chair	585	pce.	KX 35-01
- Co		635	pce.	KX 35-02
Lung	chassis swivel chair	535	pce.	KX 35-35
	chassis	2 × 535	pce.	KX 35-10
	2-seater	2 × 585	pce.	KX 35-11
11/		2 × 635	pce.	KX 35-12
		2 × 750	pce.	KX 35-13
A	chassis	3 × 535	pce.	KX 35-25
Audus	3-seater	3 × 585	pce.	KX 35-26
		3 × 635	pce.	KX 35-27

accessories optional		unit	article		
	footrest extension approximate 90 mm	pce.	AF 10-50		
	support foot for multiseaters for large size	pce.	KU 01-97		
(*)	middle unit with EC cone aluminium polished				
	version				
	short, 137 mm	pce.	RN 45-50		
	long, 157 mm	pce.	RN 45-51		
	star base 5-arm, Ø 780 mm				
	black powdercoated	pce.	RN 50-21		
	more star base types on page 24				

accessories	optional			
metal seatfr incl. wire sp				
	width	ı, mm		
535	585	635	750	5 35 3 50 50
AK 12-33	AK 12-34	AK 12-35	AK 12-36	
	rame includin y variable fric	. ,	•	
	width	ı, mm		
535	585	635	750	
AK 02-65	AK 02-66	AK 02-67	AK 01-81	

Custom made versatility for motorised adjustments

Please select from our wide range of control elements on page 24











switching power supply

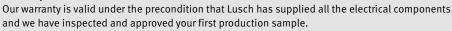
built-in buttons for 1 or 2 motors

touch sensor

battery

! Warranty:

handset











patent

freeling lounge

Lounge and relax function, wall-away concept, closed front

A large variety of design options: Numerous functions and combinations turn freeline lounge into a universal solution which doesn't leave any wishes unfulfilled when it comes to lounging and relaxing. This wall-away solution with a variable front blind is compatible with the freeline range.

- for wall-away relaxing chairs and multiseaters with ground clearance
- for manual or motorised adjustable chairs and multiseaters
- · combined adjustment of backrest, seat and footrest
- motorised chair with rechargeable battery available
- wooden or metal frames for seat and back possible
- footrest extension
- all from one source: mechanism and motor system perfectly compatible

Optional:

- · adjustment of headrest without fabric creases for low backs
- · motorized headrest adjustment







back-, seat- and footrest adjustment for wall-away chairs

adjustment	manual	motorised	width mm	unit	—	7
	×	-	535	set	AA 71-	·05
combined		1 motor	535	set	AA 71-	09
	×	-	635	set	AA 71-05	-
NEW	-	1 motor	635	set	AA 71-10	-
111-11						

back-, seat- and footrest adjustment for wall-away multiseaters

adjustment	ndjustment manual motorised uni	unit		width mm			
adjustment manuat	illotoriseu	uiiit	535	635	785		
combined	-	1 motor	set	AA 71-09	AA 71-10	AA 71-11	
	×	-	set	AA 71-05			

accessories		width mm	unit	article
A	chassis, motori	sch		
1	1-seater	1 × 535	pce.	KX 17-64
	i-Seater	1 × 635	pce.	KX 17-66
	2-seater	2 × 635	pce.	KX 17-92
1	2.5-seater	2 × 785	pce.	KX 17-93
The state of the s	3-seater	3 × 535	pce.	KX 17-95
	swivel chair	535	pce.	KX 17-69
4				
	crossbar	535	pce.	MP 36-10
7	for wooden	635	pce.	MP 36-12
	backframes	785	pce.	MP 36-13



Custom made versatility for motorised adjustments

Please select from our wide range of control elements on page 24







handset



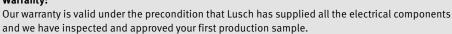




switching power supply battery

adapter for touch sensor















patent



Lounge and relax function, wall-away concept

Maximum flexibility for individual design: with its multifunction and multicomfort freeline guarantees stress-free lounging and relaxing in your living room or home cinema. This wall-away solution with ground clearance is compatible with the freeline range.

- for wall-away chairs, swivel chairs and multiseaters with ground clearance
- combination of seats with or without function possible in multiseaters
- for manual or motorised adjustable chairs, swivel chairs and multiseaters
- · combined adjustment of backrest, seat and footrest
- motorised chair with rechargeable battery available
- wooden or metal frames for seat and back possible
- all from one source: mechanism **and** motor system perfectly compatible
- · motor system UL-rated

Optional:

- · adjustment of headrest without fabric creases for low backs
- motorised headrest adjustment



individually for the different mechanisms. It will also be offered separately.



back-, seat- and footrest adjustment for wall-away chairs

adjustment	manual	motorised	width mm	unit	A	7
	×	-	535	set	AA 5:	2-05
combined	-	1 motor	535	set	AA 52	2-20
Combined	×	-	635	set	AA 52-05	-
	-	1 motor	635	set	AA 52-21	_

|**==**|

back-, seat- and footrest adjustment for wall-away multiseaters

adjustment	manual	motorised	unit	width mm			
		motorised	uiiit	535	635	785	
combined	×	-	set		AA 52-05		
	-	1 motor	set	AA 52-20	AA 52-21	AA 52-22	
fixed	-	-	set		AA 52-10		

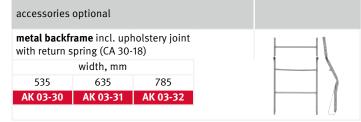
accessories		width mm	unit	article	
A	chassis, manua	l			
	1-seater	1 × 535	pce.	KX 16-25	
	i-seater	1 × 635	pce.	KX 16-27	
	2-seater	2 × 635	pce.	KX 16-32	
A c	2.5-seater	2 × 785	pce.	KX 16-33	
	3-seater	3 × 535	pce.	KX 16-35	
	swivel chair	535	pce.	KX 16-40	
1	chassis, motorised				
	1-seater	1 × 535	pce.	KX 17-64	
_	i-seater	1 × 635	pce.	KX 17-66	
1	2-seater	2 × 635	pce.	KX 17-92	
1-1-1-1	2.5-seater	2 × 785	pce.	KX 17-93	
	3-seater	3 × 535	pce.	KX 17-95	
·	swivel chair	535	pce.	KX 17-69	
4					
1	cross bar	535	pce.	MP 36-10	
	for wooden	635	pce.	MP 36-12	
17	backframes	785	pce.	MP 36-13	











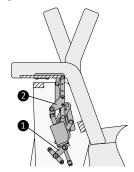
accessories optional

headrest adjustment for manual or motorised extension of low backs

- adjustment of headrest without fabric creases due to axis extension
- can be combined with other motorised Lusch mechanisms
- combination of manual and motorised version possible
- can be combined with headrest adjustments (detailed information on page 50, 52–53



pat. pend.



motorised headrest adjustment

pivoting angle	extension	single function	combined function	unit	article
108°	80 mm	-	×	set	DA 18-26
123°	80 mm	-	X	set	DA 18-31

crossbar

accessories	width B	width b*	unit	article	
	mm	mm		0	2
	535	460	pce.	MP 34-40	MP 34-50
0	635	560	pce.	MP 34-47	MP 34-51
	785	710	pce.	MP 34-48	MP 34-52

^{*}width b = internal dimension of the back









freeling longghair

Wall-away concept, motorised "knee bend" relax function

Solitary or as part of the seating ensemble: the wall-away and ground clearance longchair option optimises the design possibilities the freeline program offers. Tired legs can rest at the click of a button with the motorised "knee bend" function: the freeline longchair invites you to relax!



back and seat adjustment for wall-away longchairs

motorised	width mm	unit	article
	535	set	AA 52-23
1 motor		set	AA 52-24
Tillotoi	785	set	AA 52-19
	885	set	AA 52-18
	motorised 1 motor	motorised mm 535 635 785	motorised mm unit 535 set 635 set 785 set

accessories		width mm	unit	article
4	cross bar	535	pce.	MP 36-10
1	for wooden backframes	635	pce.	MP 36-12
		785	pce.	MP 36-13
		885	pce.	MP 36-14

Patent



- a perfect reclining comfort for all body sizes
- wall-away longchair function with ground clearance matching the freeline series
- adjustable by motor
- combined adjustment of back, seat and reclining area
- ideal for modern low back design on high legs
- · perfect relaxation by ergonomic leg position
- all from one source: mechanism and motor system perfectly compatible
- motor system UL-rated

Options:

- adjustment of headrest without fabric creases for low backs
- motorised headrest adjustment

Custom made versatility for motorised adjustments

Please select from our wide range of control elements on page 24











adapter for touch sensor

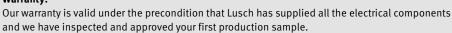
switching power supply

handset

magnet holder

adapter for controls

! Warranty:





touch sensor









Smooth-running comfort function for modern, multifunctional design

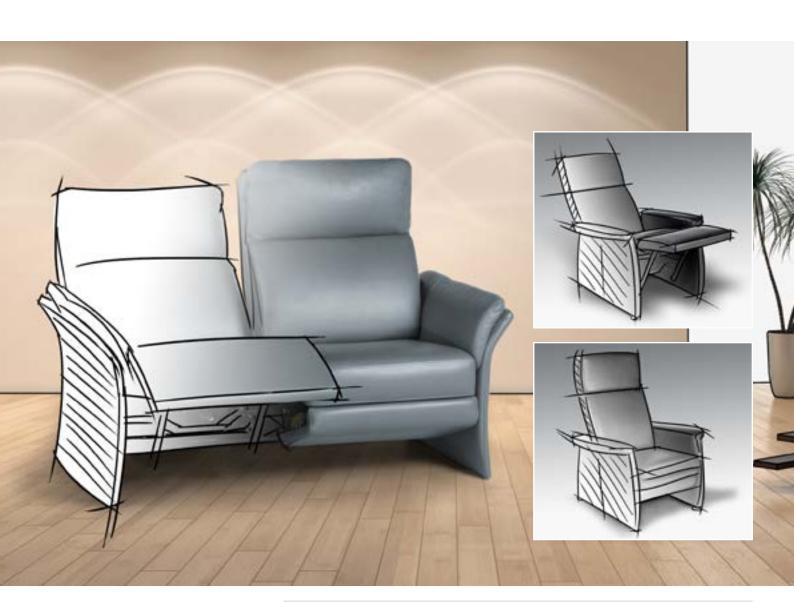
AFULO 9 patent

Maximum comfort that stands out: this multifunctional program is distinguished by its great versatility. It impresses with its large lying area and almost invisible fittings. The ground clearance gives the starline relaxing chairs and multiseaters an eye-catching lightness.

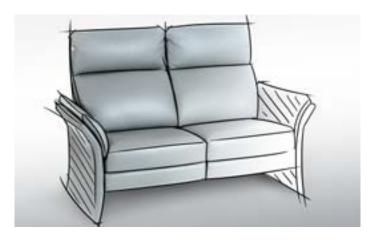
back-, seat- and footrest adjustment

adjustment	manual	motorised	back with gas spring	width mm	unit	A	==
combined	×	-	-	535	set	AA 35-25	AA 41-25
combined _	-	1 motor	-	535	set	AA 35-27	AA 41-27
conarato	×	-	left	535	set	AA 35-26	AA 41-26
separate	-	2 motors	-	535	set	AA 35-28	AA 41-28

other widths on request







- for chairs, swivel chairs and multiseaters
- combined or separate adjustment of back, seat and
- wooden or metal frames for seat and back possible
- for manual or motorised adjustable chairs and multiseaters
- motorised chair with rechargeable battery available
- larger metal backframe for tall persons available
- for lean, smallzise chairs and multiseaters
- all from one source: mechanism **and** motor system perfectly compatible
- motor system UL-rated

accessories		width mm	unit	article
	chassis chair			
	manual	535	pce.	KA 25-80
	motorised			
	back with gas spring	535	pce.	KA 25-90
	chassis swivel chair	535	pce.	KA 25-85
4	chassis 2-seater	2 × 535	pce.	KX 16-20
A STATE OF THE PARTY OF THE PAR	chassis 3-seater	3 × 535	pce.	KX 17-45
accessories optional			unit	article

accessories optional		unit	article
	middle unit with EC cone aluminium polished		
	version		
	short, 137 mm	pce.	RN 45-50
	long, 157 mm	pce.	RN 45-51
	star base 5-arm, Ø 780 mm		
	black powdercoated	pce.	RN 50-21
	more star base types on p	age 24	

accessories optional	
metal seat frame incl. wire springs width 535 mm AK 12-14	Mangagang Manga Manga Mangagang Manga Ma Manga Manga Manga Manga Manga Manga Manga Manga Ma Manga Ma Ma Ma Ma Ma Ma Ma Ma Ma Ma Ma Ma Ma
metal backframe incl. upholstery joint with infinitely variable friction (CA 10-43) width 535 mm AK 02-65	
crossbar additional lateral stabilisation KX 11-00	
screw for crossbar, 4 pcs per bar RA 13-52	

Custom made versatility for motorised adjustments

Please select from our wide range of control elements on page 24







touch sensor



handset



switching power supply with integrated plug

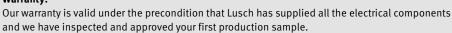


magnet holder



battery







Disc bases, Star bases

The basis for modern chairs



disc base stainless steel, brushed



starbase black powdercoated



middle unit aluminium polished



starbase aluminium polished



starbase chromed

disc base

version	diameter, mm	finish	unit	article
disc	625	stainless steel, brushed	pce.	RN 45-27

star base

version	diameter, mm	finish	unit	article
5-arm	625	aluminium polished	pce.	RN 45-40
4-arm	(25	le la alconoccida con a de d	set	RN 50-00
5-arm	625	black powdercoated	set	RN 50-01
4-arm	700	blook poudovoostod	set	RN 50-20
5-arm	780	black powdercoated	set	RN 50-21
4-arm	700	chromed	set	RN 50-22
5-arm	780	criromea	set	RN 50-23

middle unit EC-Konus

version	length, mm	finish	unit	article
short	137	alamainiana naliahad	pce.	RN 45-50
long	157	aluminium polished	pce.	RN 45-51

middle unit MK4-Konus

version	length, mm	finish	unit	article
short	137	-1i	pce.	RN 45-60
long	157	aluminium polished	pce.	RN 45-61

Design-oriented. Shapely. Versatile. Thus a relaxing chair will turn into the center of the room.





The **Life** motor system

Exactly matched to the requirements of the LUSCH functional fittings the actuators are either manufactured in our own production facilities or selected by us from the high-quality supplier sector if special features are needed.

In both cases, we guarantee the perfect function of the LUSCH hardware technology with the selected precision drive system. This ensures the smooth functioning of your upholstered furniture.

The appropriate electrical components for the fittings you have selected are put together individually for you by our technical support.





built-in-buttons stainless steel, shining



touch sensor



handset



handset with magnet holder • magnet incl.



battery with recharging equipment • EU plug







switching power supply



power supply with integrated plug • UL rated



adapter for touch sensor



adapter for controls

Standby power consumption

All Lusch motors do not consume any power in standby mode. You will benefit from a longer battery lifetime compared to existing systems.

pat. pend.

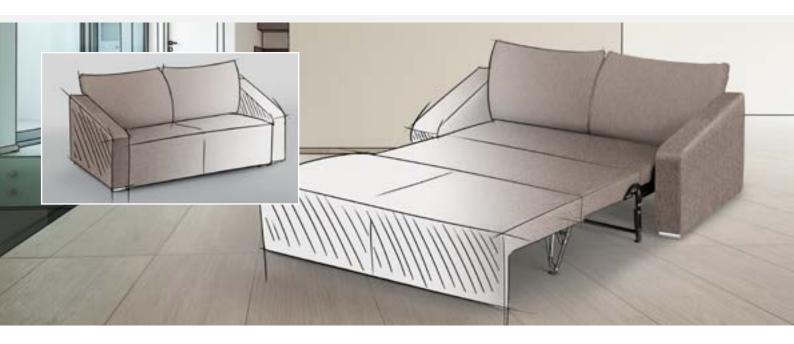












BC05 patent

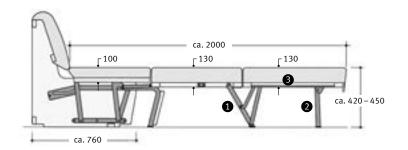
Sofa sitting comfort united with bed sleeping comfort

Comfort unfolds: sit, lie, relax on a comfortable base

- easy to operate thanks to patented technology
- metal construction for a durable function
- spring supported movement
- intermediate relax position by pulling out of the seat
- seat turns into footrest by pivoting forward
- legs fold out automatically, without castors on the floor
- sleep comfortably on ticking

adjustment

• sitting-/sleeping level increase 15, 25 or 30 mm possible



unit

article
BC 05-60

BC 05-61

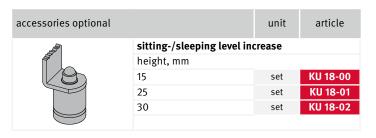
manual, for slim back upholstery		set	BC 05-50
manual, for larger volume back upholstery		set	BC 05-51
accessories		unit	article
/86	crossbar		
	width, mm		
0	1200	pce.	KX 34-52
	1400	pce.	KX 34-54
	1600	pce.	KX 34-56
ME	crossbar		
	width, mm		
2	1200	pce.	KX 34-53
•	1400	pce.	KX 34-55
	1600	pce.	KX 34-57
	metal bar for wooden seat	frame	
6	2 pcs. per seat frame	pce.	KX 08-10

unit

article

detachable for transport

detachable for transport









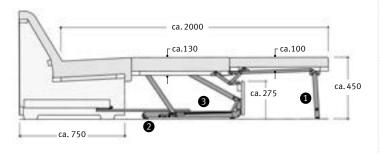
BC 14 patent

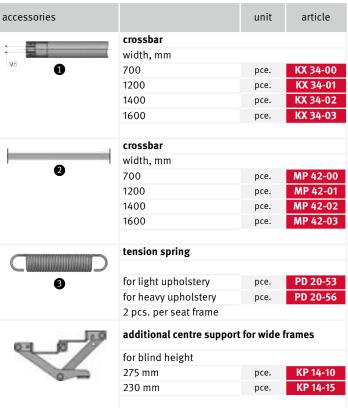
The highest sitting, sleeping and operating comfort for design oriented sofabeds

Extension made easy: easily turn your favourite sofa into your favourite bed

- fixed seat and back, sleeping comfort out of a drawer
- sofa design is independent from the bed function
- seat height = sleeping height
- easy operation by spring support
- legs fold out automatically
- floor castors with soft surface
- comfortable sleeping on ticking
- front blind in two heights possible

adjustment	unit	article
manual, for blind height 275 mm	set	BC 14-00
manual, for blind height 230 mm	set	BC 14-05







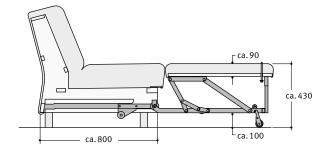


BC06-53

A transformation artist that allows for maximum performance with minimum effort $% \left(1\right) =\left(1\right) \left(1\right) \left$

Think outside the box: perfect use of space turns the multiseater into a relaxation landscape

- back and seat fixed
- cross sleeper
- seat height = sleeping height
- castors with soft surface



version	unit	article
with fold-away castor leg 10 cm	set	BC 06-53

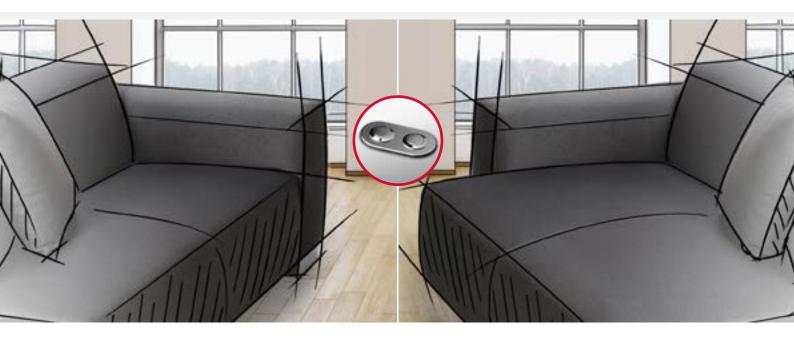
other versions on request

accessories		unit	article
	crossbar		
	1400	pce.	KX 31-54
M8	1500	pce.	KX 31-02
	1950	pce.	KX 31-69







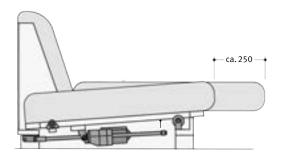


BH11

Motorised seat adjustment

Comfortable transformation at the push of a button: you can read, watch TV or relax in your desired position

- safe rail guided extension up to 250 mm
- motor pushes the seat out of the inclined into the full horizontal position
- comfortable operation
- motor system UL-rated



version		unit	article
motorised	1 motor	set	BH 11-25

Custom made versatility for motorised adjustments

Please select from our wide range of control elements on page 24



built-in buttons for 1 or 2 motors



adapter for controls



handset



adapter for touch sensor



switching power supply







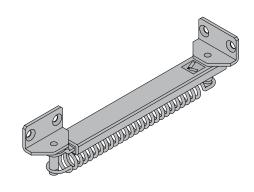


pat. pend.

for manual seat depth adjustment

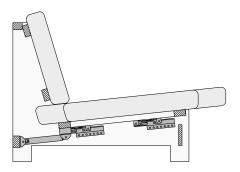
- easy conversion
- noiseless
- infinitely variable adjustment up to 120 mm





infinitely variable seat depth adjustment

version	unit	article
with spring	pce.	AS 22-57



infinitely variable seat depth adjustment

• with glide unit including an automatic tolerance compensation

unit	article
pce.	AS 22-59

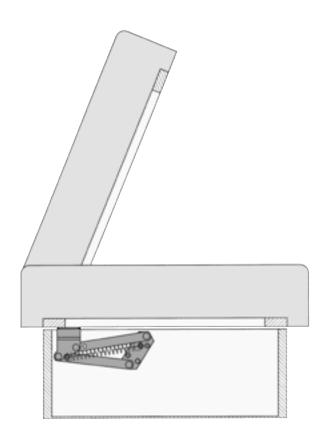




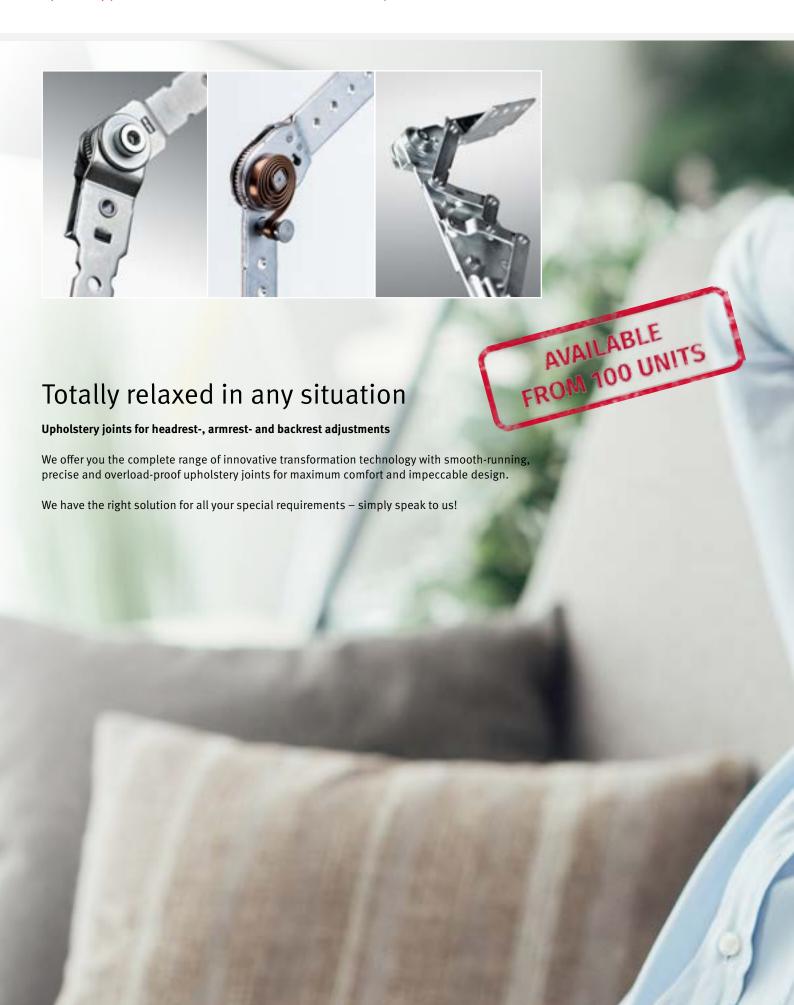
Lid fitting for footstools

- easy operation by spring support
- wide opening
- maximum overlap of top cover 6 cm

unit	article
set	DA 10-55









I We will find the suitable upholstery joint for your individual assembly situation, too. Please contact us!

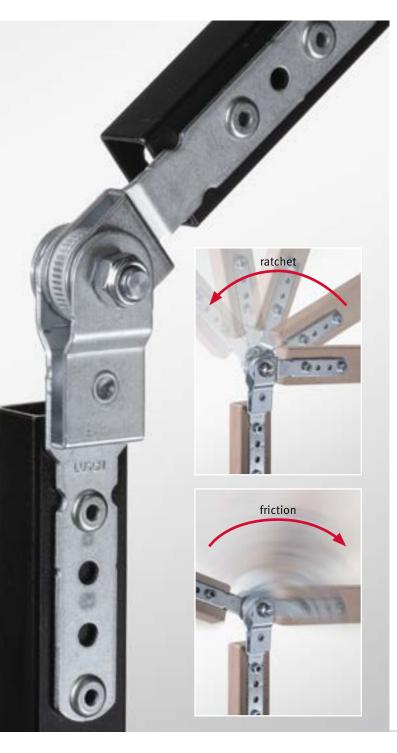




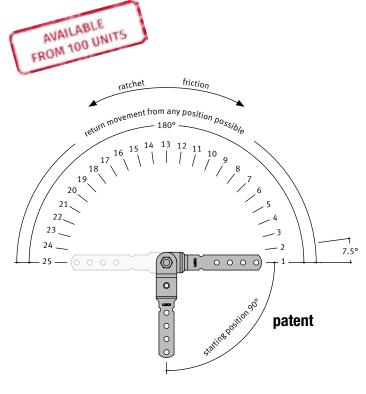
Upholstery joint CA 05

Combination of ratchet and infinitely variable friction

- upholstery joint with tooth catch with simple adjustment from any position
- exact adjustment in 7.5° steps
- position is held by friction
- easy change of position by pushing against the friction
- overload will cause no damage, the mechanism just gives way
- with brackets and levers for every assembly situation, see page 48







CA 05 function for headrests overload protection by infinitely variable friction adjustment

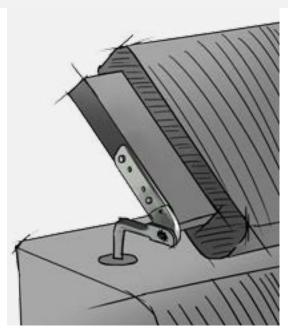
torque/pce. Nm	with angle	unit	article
9	_	pce.	CA 05-00
12	-	pce.	CA 05-01
9	×	set	CA 05-10
12	×	set	CA 05-11



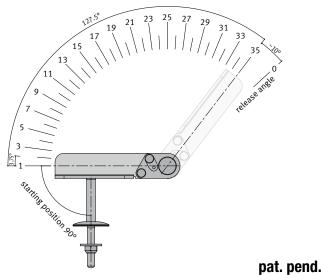


with visible design elements for separate headrests

- pivoting range also suitable for relax chairs
- ratchet construction optimised for function and stability
- very fine tooth catch 3.75°
- silent movement
- compact construction
- encapsulated mechanism for easy mounting
- chrome or black finish
- return spring (optional)









CA 36 / CA 37 function for headrests

starting position	positions	final position incl. release angle	version	torque Nm/set	unit	article	article with return spring
90°	35	227.5°	round bracket, chromed	180	set	CA 36-00	CA 37-25
90°	31	212.5°	round bracket, chromed	180	set	CA 36-01	CA 37-26
900	25	1900	round bracket, chromed	180	set	CA 36-02	CA 37-27





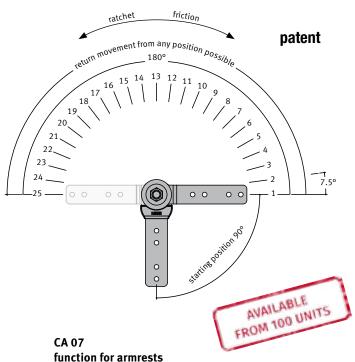
Combination of ratchet and infinitely variable friction

- upholstery joint with tooth catch with simple adjustment from any position
- exact adjustment in 7.5° steps
- position is held by friction
- change of position by pushing against the friction
- overload will cause no damage, the mechanism just gives way
- with brackets and levers for every assembly situation, see page 48









overload protection by infinitely variable friction adjustment

torque Nm / pce.	pivoting range	with angle	unit	article
15	180°	-	pce.	CA 07-00
22.5	180°	-	pce.	CA 07-01
30	180°	-	pce.	CA 07-02
7.5	180°	-	pce.	CA 07-03
15	180°	×	set	CA 07-20
22.5	180°	×	set	CA 07-21
30	180°	×	set	CA 07-22
15	90°	-	pce.	CA 07-25
22.5	90°	-	pce.	CA 07-26
30	90°	-	pce.	CA 07-27
7.5	90°	-	pce.	CA 07-28





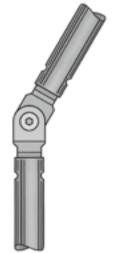


with infinitely variable friction for arm- and headrest adjustment

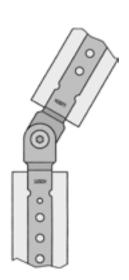
- for a jointed connection of wooden frames or rectangular tubes Ø $22 \times 1.8 \text{ mm}$
- variable mounting. All desired positions 90°, 180° etc. will be achieved infinitely variable
- optimised friction technology
- with brackets and levers for every assembly situation, see page 48











for steel tube Ø 22 x 1.8 mm mounting for headrests

torque Nm	unit	article
approx. 9	pce.	CA 10-32
approx. 11.5	pce.	CA 10-33
approx. 19.5	pce.	CA 10-31

for wooden frame mounting

for headrests, low strain for armrests, medium strain

torque Nm	unit	article
approx. 4.5	pce.	CA 10-46
approx. 6	pce.	CA 10-47
approx. 9	pce.	CA 10-48
approx. 12	pce.	CA 10-45
approx. 13.5	pce.	CA 10-70
approx. 19.5	pce.	CA 10-43



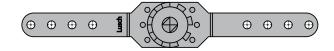


with friction catch for arm- and headrest adjustment

 with brackets and levers for every assembly situation, see page 48

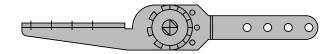






friction catch 45°

torque Nm	disc springs	unit	article
approx. 4,5	1	pce.	CA 12-25
approx. 7,5	2	pce.	CA 12-28
approx. 9	2	pce.	CA 12-26
approx. 13,5	3	pce.	CA 12-27
approx. 16,5	4	pce.	CA 12-29



friction catch 45° with 1 bracket

torque / pce. Nm	disc springs	unit	article
approx. 4,5	1	set	CA 12-43
approx. 9	2	set	CA 12-44
approx. 13,5	3	set	CA 12-45
approx. 16,5	4	set	CA 12-46









friction catch 45° with 2 brackets

torque Nm	disc springs	unit	article
approx. 4,5	1	pce.	CA 12-37
approx. 9	2	pce.	CA 12-38
approx. 13,5	3	pce.	CA 12-39
approx. 16,5	4	pce.	CA 12-40





friction catch 18°

torque Nm	disc springs	unit	article
approx. 6	1	pce.	CA 12-54
approx. 15	1	pce.	CA 12-50
approx. 18	1	pce.	CA 12-51
approx. 27	2	pce.	CA 12-52
approx. 36	3	pce.	CA 12-53



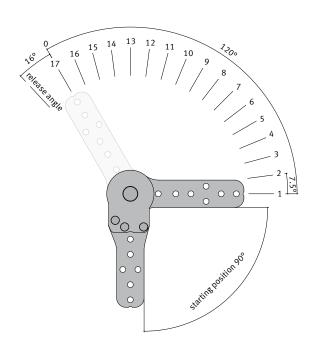


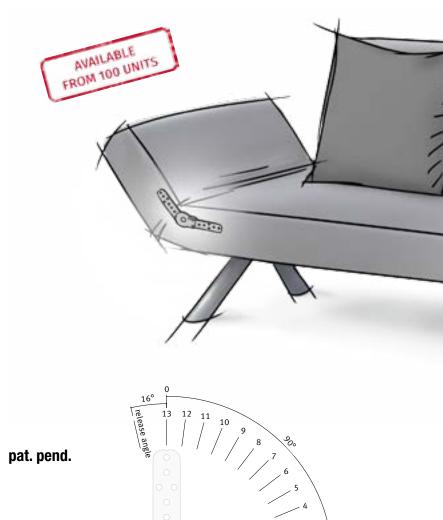


Heavy duty upholstery joint CA 41

powerful and robust for heavy loads

- load capacity 850 Nm (per set) in both directions
- ratchet construction optimised for function and stability
- mechanism covered for easy mounting
- installation in vertical and horizontal position
- variable pivoting angle, more than 120° possible
- return spring for exact positioning of any upholstery style (optional)
- weldable





CA 41/ CA 42 for back adjustment

starting position	positions	final position incl. release angle	torque Nm/set	unit	article	article with return spring
90°	17	226°	850	set	CA 41-02	CA 42-02
90°	13	196°	850	set	CA 41-00	CA 42-00
90°	15	211°	850	set	CA 41-01	CA 42-01
90°	11	181°	850	set	CA 41-04	CA 42-04
180°	13	286°	850	set	CA 41-03	CA 42-03
180°	11	271°	850	set	CA 41-05	CA 42-05
180°	7	241°	850	set	CA 41-07	CA 42-07
225°	7	286°	850	set	CA 41-06	CA 42-06

starting position 180°

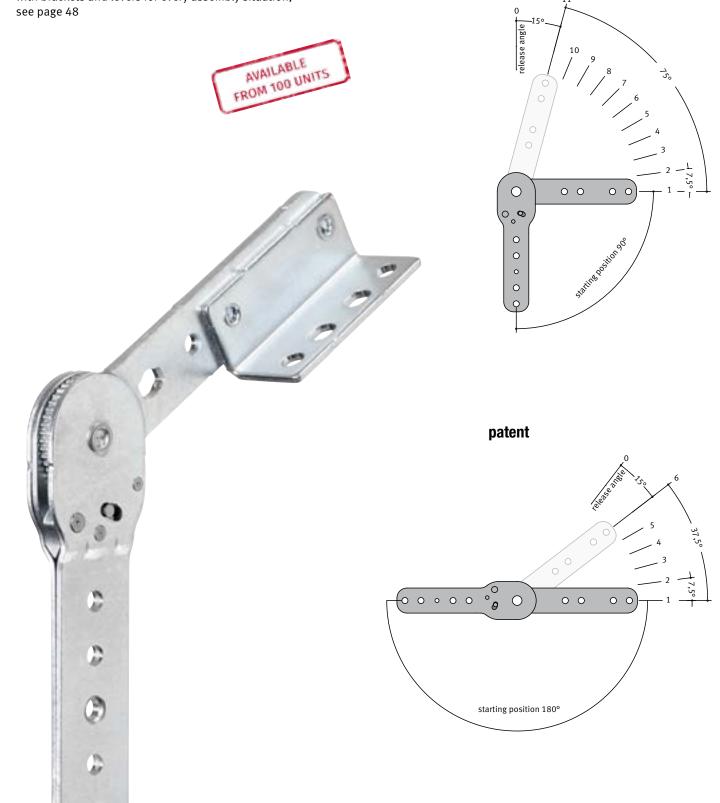






for the adjustment of arm- and headrests

- fine tooth catch 7.5°
- covered teeth
- possibility of horizontal and vertical assembly
- with brackets and levers for every assembly situation,







starting position	positions	final position incl. release angle	torque Nm/set	with angle	unit	article
900	17	225.50	300	-	pce.	CA 25-72
900	15	210°	300	-	pce.	CA 25-74
900	13	1950	300	-	pce.	CA 25-00
900	11	180°	300	-	pce.	CA 25-03
900	8	157.50	300	-	pce.	CA 25-54
900	7	150°	300	-	pce.	CA 25-51
900	5	1350	300	-	pce.	CA 25-60
900	4	127.50	300	-	pce.	CA 26-01
1050	18	247.50	300	-	pce.	CA 25-70
1050	15	2250	300	-	pce.	CA 25-07
1050	13	210°	300	-	pce.	CA 25-05
105°	7	1650	300	-	pce.	CA 25-50
105°	6	157.5°	300	-	pce.	CA 25-57
1350	7	1950	300	-	pce.	CA 25-62
1350	5	180°	300	-	pce.	CA 25-52
150°	3	180°	300	-	pce.	CA 25-56
180°	13	285°	300	-	pce.	CA 25-01
180°	11	270°	300	-	pce.	CA 25-04
180°	9	255°	300	-	pce.	CA 25-61
180°	8	247.5°	300	-	pce.	CA 26-02
180°	6	232.50	300	-	pce.	CA 25-02
180°	5	225°	300	-	pce.	CA 25-65
180°	4	217.50	300	-	pce.	CA 25-64
180°	3	210°	300	-	pce.	CA 25-66
900	5	1350	300	×	pce.	CA 26-68
900	13	1950	300	×	set	CA 25-97
900	11	180°	300	×	set	CA 25-83
900	8	157.5°	300	×	set	CA 25-86
900	7	150°	300	×	set	CA 26-87
900	7	150°	300	×	set	CA 25-79
900	7	1500	300	×	set	CA 25-98
900	5	1350	300	×	set	CA 26-53
105°	13	2100	300	×	set	CA 26-78
105°	7	1650	300	×	set	CA 25-81
105°	6	157.50	300	×	set	CA 25-87
1800	13	285°	300	×	set	CA26-57
180°	8	247.50	300	×	set	CA26-85
1800	6	232.50	300	×	set	CA26-76







for the adjustment of arm- and headrests

- compensation of tension of upholstery cover by torsion spring = armrest / headrest stays in position
- fine tooth catch 7.5 °
- horizontal and vertical mounting possible
- available for the complete CA 25 range
- with brackets and levers for every assembly situation, see page 48





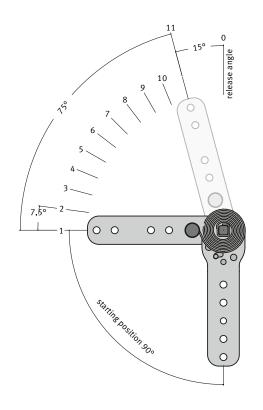


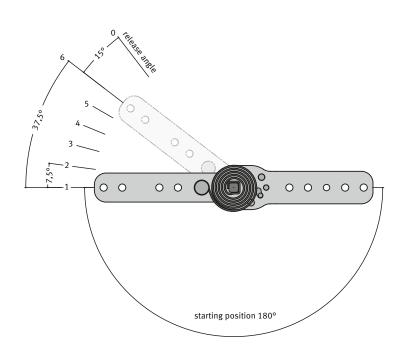


individual solutions with brackets



patent



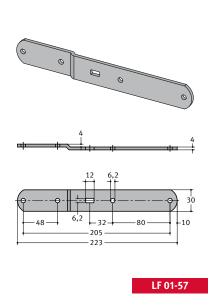


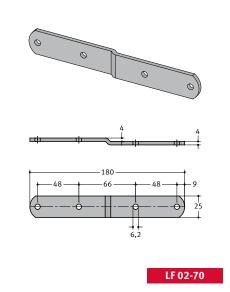
starting position	positions	final position incl. release angle	return torque Nm	torque Nm/set	with angle	unit	article
900	15	2100	1.5	300	-	pce.	CA 33-05
900	13	195°	1.5	300	-	pce.	CA 33-06
900	11	180°	1.5	300	-	pce.	CA 33-07
900	8	157.50	1.5	300	-	pce.	CA 33-08
105°	17	2400	1.5	300	-	pce.	CA 33-20
105°	15	2250	1.5	300	-	pce.	CA 33-21
105°	9	1800	1.5	300	-	pce.	CA 33-23
180°	8	247.5°	1.5	300	-	pce.	CA 33-38
1800	7	240°	1.5	300	-	pce.	CA 33-39
1800	6	232.50	1.5	300	-	pce.	CA 33-40
180°	5	225°	1.5	300	-	pce.	CA 33-41
90°	8	157.50	1.5	300	×	set	CA 34-03
105°	9	1800	1.5	300	×	set	CA 34-04
180°	7	2400	1.5	300	×	set	CA 34-05
1800	6	232.50	1.5	300	×	set	CA 34-06
180°	5	2250	1.5	300	×	set	CA 34-07

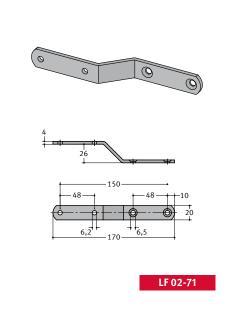


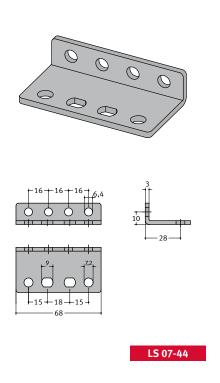
Brackets and levers

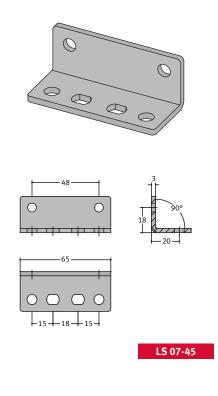
fastening accessories for all 🔽 🕮 ETD-upholstery joints

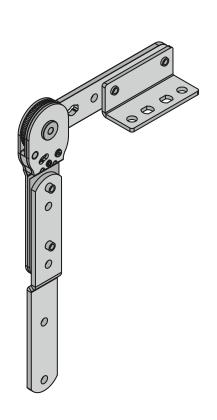
















for headrest adjustments without fabric creases

• tooth catch 7.5°

ADJUSTMENT no fabric creases

- covered teeth
- with automatic axis extension for headrest adjustments without fabric creases

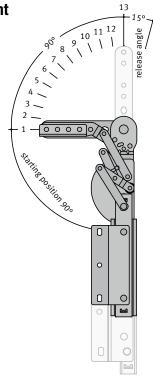


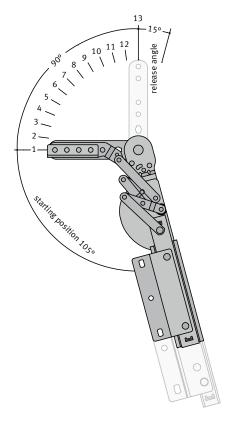












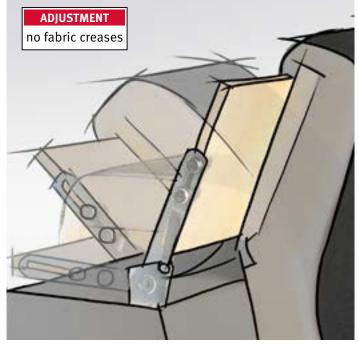
starting position	positions	final position incl. release angle	axis extension mm	torque Nm/set	unit	article
90°	13	195°	75	180	set	CA 27-02
105°	17	240°	75	180	set	CA 27-08
105°	15	225°	75	180	set	CA 27-04
105°	13	210°	75	180	set	CA 27-03



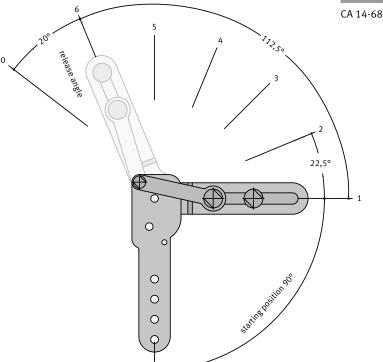


for headrest adjustments without fabric creases

- tooth catch 22.5°
- covered teeth
- with automatic axis extension for headrest adjustments without fabric creases
- reinforced version for headrests with higher load
- with friction catch in starting position
- with brackets and levers for every assembly situation, see page 48









starting position	positions	final position incl. release angle	friction catch starting position	return spring	axis extension mm	torque Nm/set	unit	article
90°	6	222.5°	-	-	30	90	set	CA 14-66
90°	6	222.5°	×	_	30	90	set	CA 14-67
90°	6	222.5°	×	-	50	90	set	CA 14-68
90°	6	222.5°	-	×	30	90	set	CA 14-86*
90°	6	222.5°	-	×	50	90	set	CA 14-87*
90°	7	245°	-	×	50	90	set	CA 14-91*
90°	6	222.5°	-	×	50	1 50	set	CA 14-25*
114°	6	246.5°	-	×	50	150	set	CA 14-26*
					NEW			4

*patent







Headrest adjustment DA 18

for the manual or motorised adjustment of headrests

- headrest adjustment without fabric creases by automatic axis extension
- new extended pivoting angle for relax back frames
- motorised and manual version can be combined
- suitable for small and large frame depth constructions
- can be combined with other motorised Lusch mechanisms
- available as single function for manual chairs
- can be combined with CA 27
- "silence inside" the manual version: infinitely adjustable and noiseless
- new version with a defined release position
- motor system UL-rated



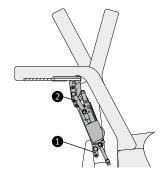


manual motorised

motorised headrest adjustment for slender backs

patent

patent



pivoting angle	extension	single function	combined function	unit	article
105°	70 mm	×	-	set	DA 18-00
105°	70 mm	-	×	set	DA 18-01

crossbar

accessories	width B width b*		unit	article		
accessories	mm	mm	mm		2	
	535	430	pce.	MP 34-10	MP 34-25	
10	635	530	pce.	MP 34-12	MP 34-27	
J 2	785	680	pce.	MP 34-13	MP 34-28	

motorised headrest adjustment for deep backs

pivoting angle	extension	single function	combined function	unit	article
108°	80 mm	×	-	set	DA 18-25
108°	80 mm	-	×	set	DA 18-26
123°	80 mm	×	-	set	DA 18-30
123°	80 mm	-	×	set	DA 18-31

crossbar

accessories	width B	width b*	unit	article	
accessories	mm	mm	uiiit	8	4
	535	460	pce.	MP 34-40	MP 34-50
3	635	560	pce.	MP 34-47	MP 34-51
4	785	710	pce.	MP 34-48	MP 34-52

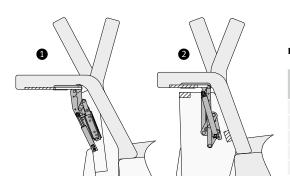
*width b = internal dimension of the back











manual headrest adjustment

pivoting angle	extension	defined release position	matching	unit	article
105°	70 mm	-	DA 18-00/01 1	set	DA 18-50
108°	80 mm	-	DA 18-25/26 2	set	DA 18-75
123°	80 mm	-	DA 18-30/31 2	set	DA 18-80
108°	80 mm	×	DA 18-25/26 2	set	DA 18-76
123°	80 mm	×	DA 18-30/31 2	set	DA 18-81

Custom made versatility for motorised adjustments

handset

Please select from our wide range of control elements on page 24









battery

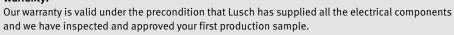


magnet holder

adapter for touch sensor

! Warranty:

touch sensor







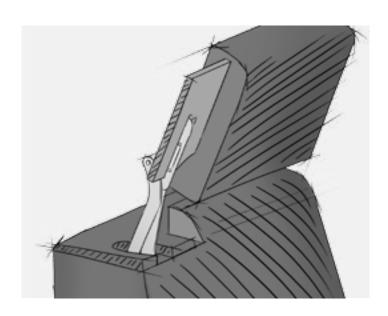
Headrest adjustment DA 19

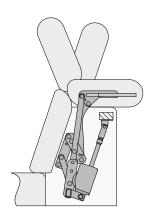
safe and crease-free

- motorised or manual
- automatic axis extension for a headrest adjustment without creases
- infinitely and noiseless adjustment "silence inside"
- more design options because of a reduced upholstery gap
- slim-line design with ideal movement
- safe and nicely shaped levers
- silvery grey finish









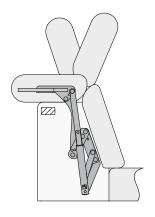
motorised headrest adjustment with visible levers

pivoting angle	extension	single function	combined function	unit	article
113°	90 mm	×	-	set	DA 19-25
113°	90 mm	-	×	set	DA 19-26

crossbar

accessories	width B mm	width b* mm	unit	article
	535	460	pce.	MP 32-24
	635	560	pce.	MP 32-01
C. V	785	710	pce.	MP 32-67

* width b = internal dimension of the back



manual headrest adjustment with visible levers

pivoting angle	extension	matching	unit	article
113°	90 mm	DA 19-25/26	set	DA 19-00

Custom made versatility for motorised adjustments

Please select from our wide range of control elements on page 24



touch sensor









nandset

magnet holder

battery

adapter for touch sensor



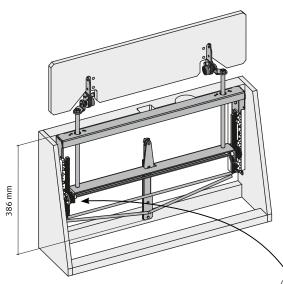


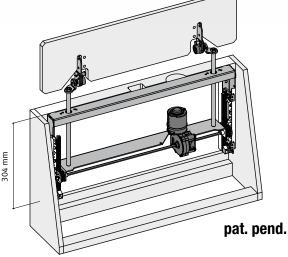
Headrest adjustment **DA 27**

with synchronised height adjustment

- motorised or manual
- exceptionally easy to adjust, even in wider sizes
- height adjustment of approx. 140 mm
- drill pattern for different widths
- infinitely and noiseless adjustment -"silence inside"
- Easy to install due to pre-assembled modules for manual and motorised versions
- space saving construction
- · manual version with dampened return movement (optional)
- manual headrest rotation
- modern finish in stainless steel



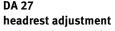






rotation damping module for manual version

accessories, optional	unit	article
rotation damping module with screws	set	PN 02-50



and we have inspected and approved your first production sample.

with synchronised height adjustment

Height adjustment	pivoting		unit		width b*	
140 mm	30°	version	uiiit	250 mm	500 mm	750 mm
manual	manual	brushed stainless steel	set	DA 27-20	DA 27-21	DA 27-22
1 motor	manual	brushed stainless steel	set	DA 27-40	DA 27-41	DA 27-42

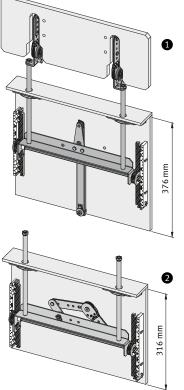
* width b = distance between the visible rails of the headrest adjustment

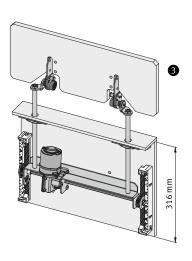


Headrest adjustment DA 28

Compact version of the synchronized headrest adjustment without mounting frame

- economic version for mounting on a wooden plate
- manual adjustment in 2 versions
- stepless and silent adjustment thanks to "Silence inside"
- space-optimized with ratchet joint
- height adjustment 134 mm
- with and without pivoting headrest
- particularly smooth adjustment even in large sizes
- different widths available
- space-saving installation
- · damped downward movement optional





DA 28
headrest adjustment
with synchronised height adjustment



2019

Award

NEW

hexagonal bar

to be used with	width B mm	unit	article
manual/motorised	300	pce.	MV 25-36
manual/motorised	500	pce.	MV 25-26
manual/motorised	700	pce.	MV 25-46

synchronizing bar

to be used with	width B mm	unit	article
manual	300	pce.	KU 23-75
manual	500	pce.	KU 23-76
manual	700	pce.	KU 23-77
motorised	300	pce.	KU 23-85
motorised	500	pce.	KU 23-86
motorised	700	pce.	KU 23-87

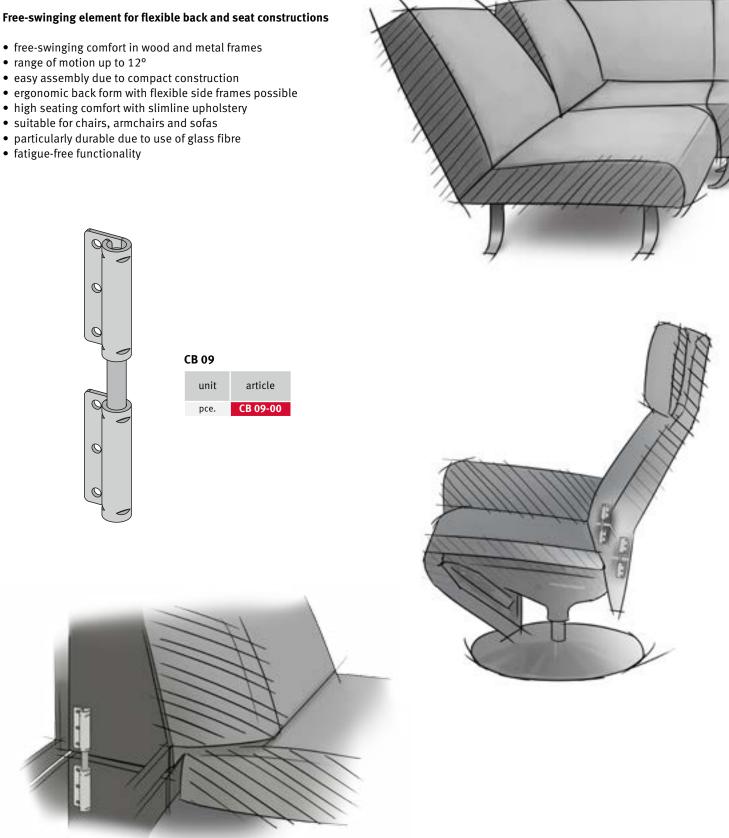
rotation damping module for manual version

accessories, optional	unit	article
rotation damping module with screws	set	PN 02-50

	Height adjustment approx. 140 mm	version	Height adjustment via *	swivel joint	starting position	posi- tions	final position incl. release angle	unit	article
0	manual	brushed stainl. st.	lift fitting	_	-	-	-	set	DA 28-00
0	manual	brushed stainl. st.	lift fitting	CA 35-50	180°	6	232.5°	set	DA 28-01
0	manual	brushed stainl. st.	lift fitting	CA 39-05	180°	11	227.5°	set	DA 28-02
2	manual	brushed stainl. st.	upholstery joint	-	-	-	-	set	DA 28-03
2	manual	brushed stainl. st.	upholstery joint	CA 35-50	180°	6	232.5°	set	DA 28-04
2	manual	brushed stainl. st.	upholstery joint	CA 39-05	180°	11	227.5°	set	DA 28-05
8	motorised	brushed stainl. st.	motor	-	-	-	-	set	DA 28-06
8	motorised	brushed stainl. st.	motor	CA 35-50	180°	6	232.5°	set	DA 28-07
8	motorised	brushed stainl. st.	motor	CA 39-05	180°	11	227.5°	set	DA 28-08



LUSCH Motion CB 09





*s*ilence

the multi-purpose lift fitting

- noiseless
- infinitely adjustable
- short release
- variable mounting positions
- suitable for numerous applications

patent

ADJUSTMENT noiseless infinitely variable



lift fitting

infinitely variable and noiseless

E mm	A mm	unit	article
141	217	pce.	DA 16-02
185	305	pce.	DA 16-01
185	296	pce.	DA 16-05
205	325	pce.	DA 16-25
211	325	pce.	DA 16-26
214	363	pce.	DA 16-03
214	351	pce.	DA 16-07
285	505	pce.	DA 16-04



fastening brackets and plates



unit pce.







quick fixing

with chromed cover













plastic washer

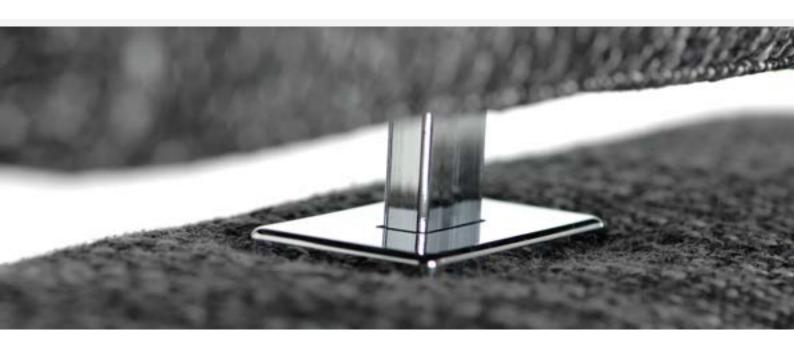


RN 01-08 unit pce.









Height adjustment for headrests

cover and square tube chromed

- plug in for more flexibility
- easy detachable
- infinitely variable and noiseless adjustment
- maximum height 140 mm



additional socket

to change the position of headrests flexibly

unit	article
set	DA 15-77



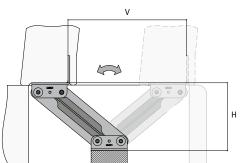
Backrest fitting CB 11

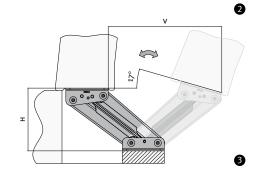
solid and easy to use with integrated relax position

- sit and lounge position with an adjustment of seat depth by 140, 190, 250 or 260 mm
- relaxed seating with an extra recline angle of 17° [3]
- different fixing brackets for any application available
- upper part with upholstery joint for adjustable armrests or backs
- plastic cover as safety guard
- easy to use patented pivoting point construction
- main levers with round edges to protect the fabric

patent

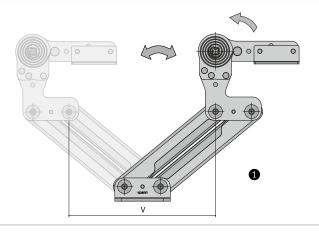
	height H mm	adjusting range V mm	inclination	unit	article
2	150	260	-	pce.	CB 11-31
2	100	140	-	pce.	CB 11-32
2	120	190	-	pce.	CB 11-34
8	NEW 150	250	17°	pce.	CB 11-75





CB 11 with upholstery joint CA 41

	height H mm	adjusting range V, mm	starting position	positions	final position incl. release angle	unit	article
0	197	260	90°	11	181°	pce.	CB 11-60





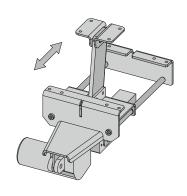




Backrest adjustment CB 13

For easy backrest adjustment of the seat depth

- comfortable sitting due to the linear shifting of the backrest by up to 140 mm
- intermediate back positions can be infinitely adjusted by motor
- 180 mm floor clearance due to compact design
- protection of the upholstery material by rounded edges
- easy assembly due to chassis construction



adjustment of the seat depth motorised

height H mm	adjusting range V mm	unit	article
135	140	set	CB 13-00

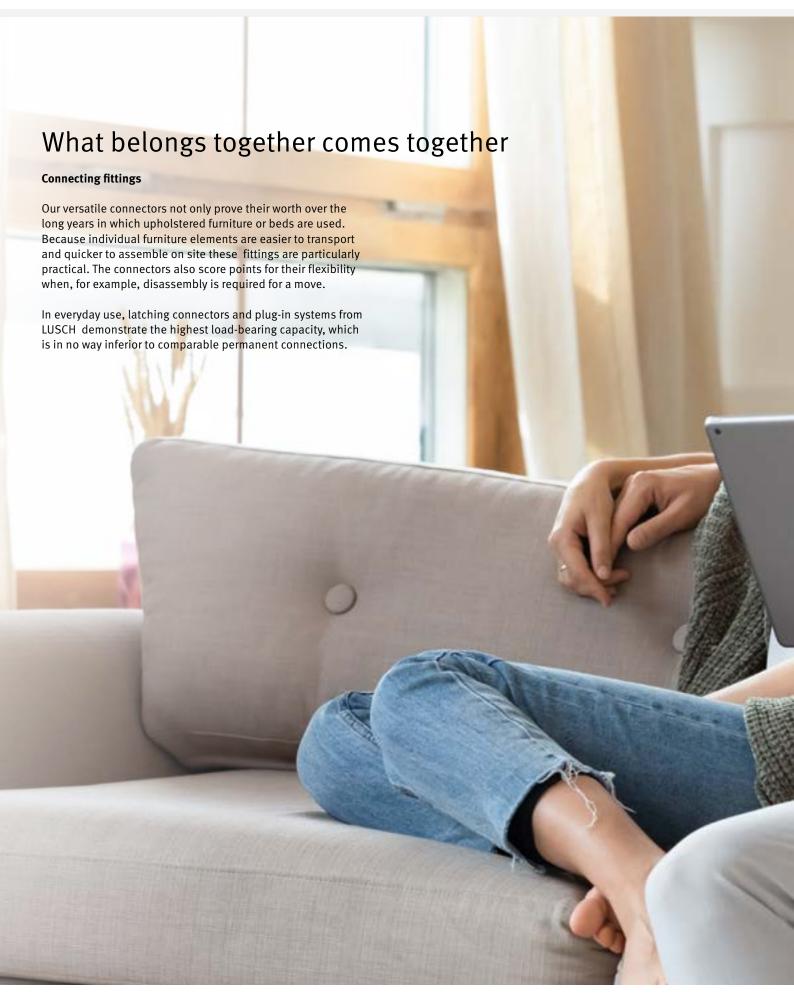
Backrest fitting CB 11



backrest fitting for sofas

with tension spring

version	pivoting angle	unit	article
infinitely variable	20°	set	CB 11-23
infinitely variable	28°	set	CB 11-24





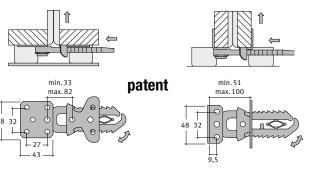


Connectors

connectors for upholstered elements

2 rack connectors

short version

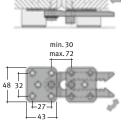


fastening with flat plate

unit	article
set	DA 13-29

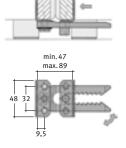
fastening with angle bracket

unit	article
set	DA 13-30



fastening with flat plate

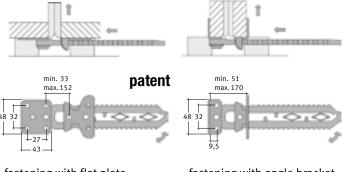
unit	article
set	DA 13-25



fastening with angle bracket

unit	article
set	DA 13-26

long version



fastening with flat plate

unit	article
set	DA 13-27

fastening with angle bracket

unit	article
set	DA 13-28



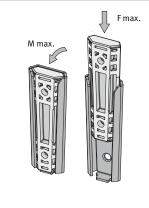


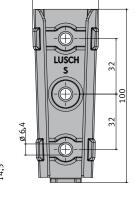
Rack connectors

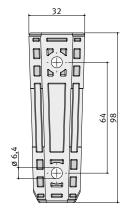
2 rack connectors

short version

- the right stability for all applications
- reduced height of 100 mm
- ideal for box-spring beds, slim-line frame constructions, high-leg designs ...
- simple and quick assembly to reduce cost
- optimised transport of upholstered furniture and beds



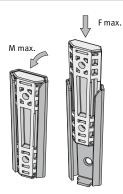




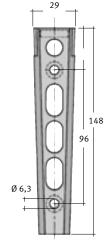
max. torque M	max. force F	unit	article
480 Nm	4,200 N	set	DA 12-50
290 Nm	2,400 N	set	DA 12-51

long version

- the right stability for all applications
- standard height 155 mm
- simple and quick assembly to reduce cost
- optimised transport of upholstered furniture and beds
- version with and without lock



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max. torque M	max. force F	unit	article
520 Nm	4,600 N	set	DA 12-75
520 Nm	4,600 N	set	DA 12-76
300 Nm	2,600 N	set	DA 12-90
300 Nm	2,600 N	set	DA 12-91



The certain extras **Functional fittings for beds** Exceptional design requires sophisticated solutions: whether you want to adjust the backrest, tilt or lift the headrest, connect furniture elements or open up beds and footstools, our comfort functions offer the final touch to any design idea.

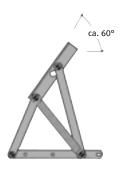






Functional fittings to open the bedding store

for light mattress



version	unit	article
fitting	set	BH 09-25
tension spring	pce.	PD 20-09

2 tension springs p. set to be ordered separately

for heavy mattress





version	unit	article
fitting	set	BH 09-26
tension spring	pce.	PD 20-12

2 or 4 tension springs p. set to be ordered separately

unit	article
set	BH 09-39
pce.	PC 21-05
	set

2 gas springs 1150 N p. set to be ordered separately



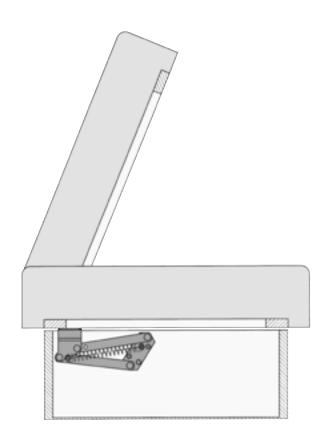




Lid lifting for footstools

- easy operation by spring support
- wide opening
- maximum overlap of top cover 6 cm

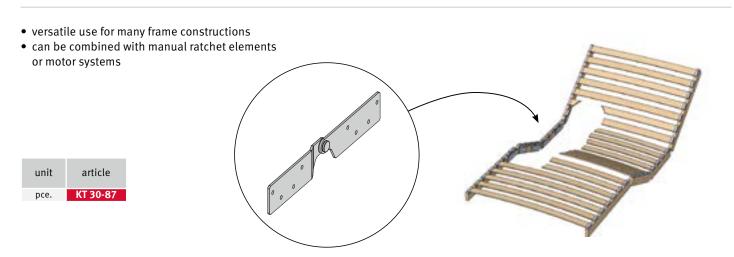
unit	article
set	DA 10-55



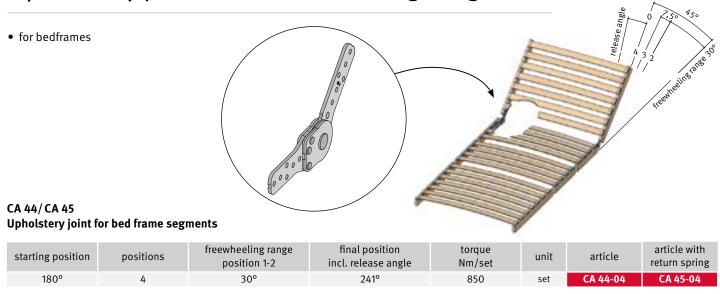




Hinge for bedframe segments



Upholstery joint with freewheeling range





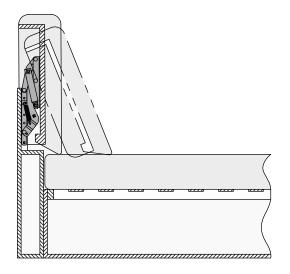


Backrest fitting for beds

• with tension spring



version	pivoting angle	unit	article
infinitely variable	29°	set	CB 11-26





Left / right

The definition for left and right side is determined by facing the furniture.

width B in mm

Internal dimension between the side parts resp. armrests.

Load-bearing capacity of upholstery joints

The load-bearing capacity is specified in torque, load (in Nm) × lever (in m) = Nm

e.g.: 10 N corresponds to approx. 1 Kg:

1. with tooth catch:

indication of maximum load, e.g. CA 25-00 700 N x 0.30 m = 210 Nm

2. with friction:

indication of the force held by friction, e.g. CA07-00 50 N x 0.30 m = 15 Nm

Definition set

- upholstery joints:
 - one set consists of one pce. of the mechanism right side and one pce. of the mechanism left side
- other mechanisms:

one set consists of several components

We are presenting our standard range of products in this catalog. The majority of our products is legally protected by patents and German DGM.

We reserve the right to do technical modifications.

The load capacity of our products depends on the actual installation situation. We cannot accept any liability for damage due to improper use.

Our general terms of trade apply. Please see our homepage **www.lusch.de** for details.

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Sitting, lying and relaxing comfortably begins with us.

