

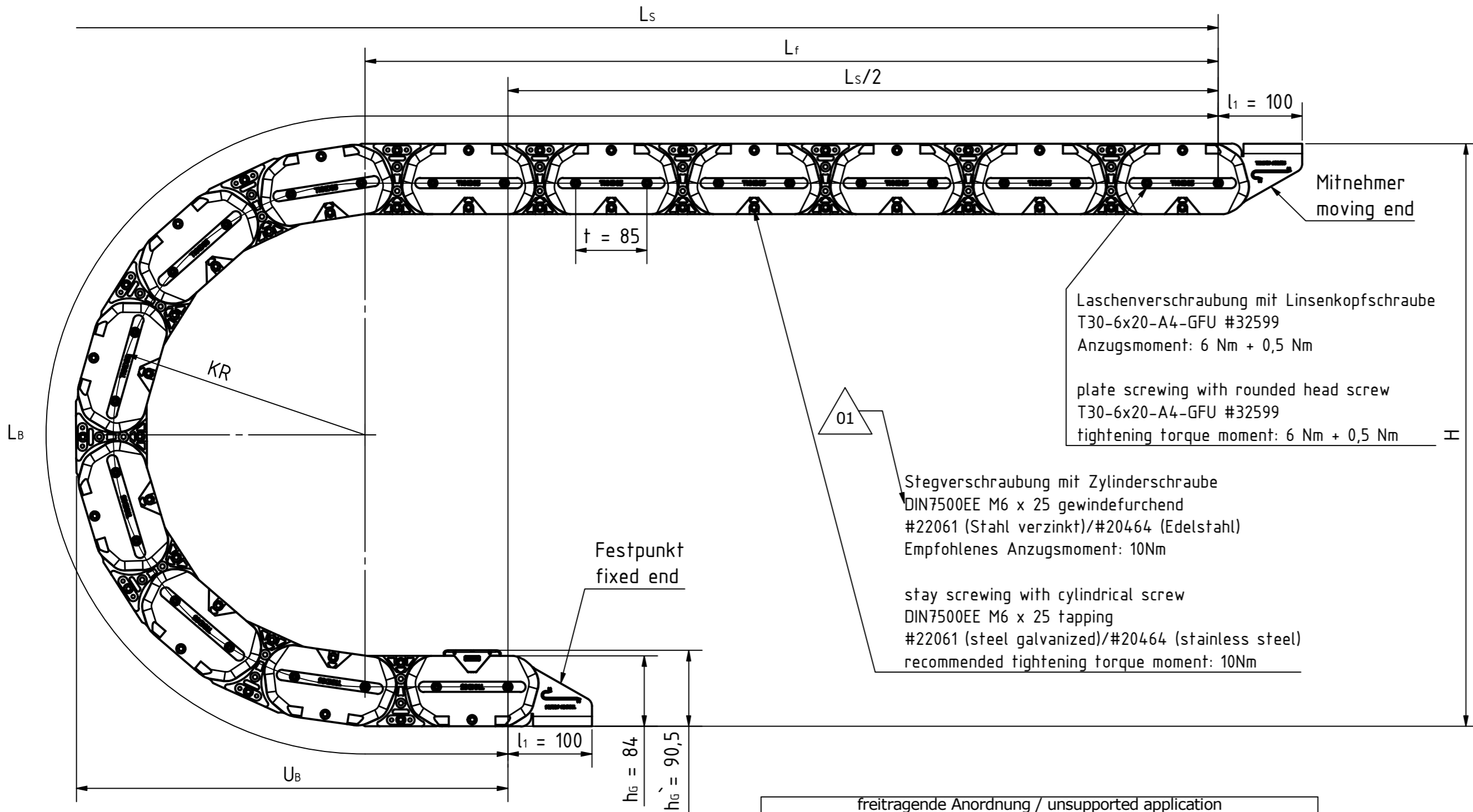


# Steckbrief TKHD85 / Characteristics TKHD85

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Blatt 2-3 / sheet 2-3	01	GO-Modul KG auf 4 korrigiert, Schraube bei Stegverschraubung geändert, Ergänzung Einsatzparameter / number of GO-links to 4 corrected, change screw at stay connection, add application parameters	07.03.2023	ANWE	
ZONE	REV	BENENNUNG/DESCRIPTION	DATE	NAME	
Tolerances/ Toleranzen DIN ISO 2768-c	Projection/ Projektion 	Scale/ Maßstab 1:1	State/ Status Drawn/ Gezeichnet 03.08.2021 ANWE		
Surface/ Oberfläche -			Approved/ Freigegeben 19.06.2023 UEKR		
Material see table					
Weight/ Gewicht see table					
Description/ Beschreibung Characteristics TKHD85 Steckbrief TKHD85		Department/ Abteilung	Country/ Land	Drawing-No / Zeichnungs-Nr. 10-DE000183540-01	Revision A2
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# Kettenablauf freitragend / chain arrangement unsupported ( 1 : 5 )



Laschenverschraubung mit Linsenkopfschraube  
T30-6x20-A4-GFU #32599  
Anzugsmoment: 6 Nm + 0,5 Nm

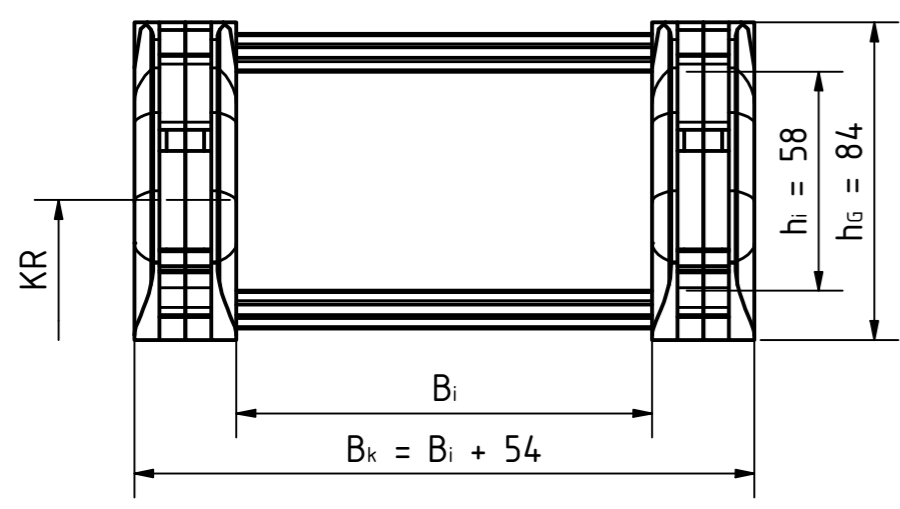
plate screwing with rounded head screw  
T30-6x20-A4-GFU #32599  
tightening torque moment: 6 Nm + 0,5 Nm

Stegverschraubung mit Zylinderschraube  
DIN7500EE M6 x 25 gewindefurchend  
#22061 (Stahl verzinkt)/#20464 (Edelstahl)  
Empfohlenes Anzugsmoment: 10Nm

stay screwing with cylindrical screw  
DIN7500EE M6 x 25 tapping  
#22061 (steel galvanized)/#20464 (stainless steel)  
recommended tightening torque moment: 10Nm

freitragende Anordnung / unsupported application				
	KR 240	KR 300	KR 350	KR400
Bogenlänge LB / bending length LB	930 mm	1120 mm	1270 mm	1430 mm
Bogenüberstand UB / loop overhang (depot) UB	300 mm	360 mm	410 mm	460 mm
Anschlusshöhe H min. / connection height H min.	574 mm	694 mm	794 mm	894 mm
Einbauhöhe Hz / installation height Hz	704 mm	824 mm	924 mm	1024 mm

Bauart 070 beidseitig offenbar  
stay type 070 openable both-sided  
( 1 : 2 )



Materialnummern / material numbers			
Benennung DE	Description EN	Mat.-Nr./no.	Gew./Weight
EF-Band TKHD85 KR240 VS0	cc-band TKHD85 KR240 VS0	32574	2,173 kg
EF-Band TKHD85 KR240 VS1	cc-band TKHD85 KR240 VS1	32576	2,173 kg
EF-Band TKHD85 KR240 VSR	cc-band TKHD85 KR240 VSR	32578	2,173 kg
EF-Band TKHD85 KR300 VS0	cc-band TKHD85 KR300 VS0	32579	2,213 kg
EF-Band TKHD85 KR300 VS1	cc-band TKHD85 KR300 VS1	32580	2,213 kg
EF-Band TKHD85 KR300 VSR	cc-band TKHD85 KR300 VSR	32581	2,213 kg
EF-Band TKHD85 KR350 VS0	cc-band TKHD85 KR350 VS0	32582	2,222 kg
EF-Band TKHD85 KR350 VS1	cc-band TKHD85 KR350 VS1	32583	2,222 kg
EF-Band TKHD85 KR350 VSR	cc-band TKHD85 KR350 VSR	32584	2,222 kg
EF-Band TKHD85 KR400 VS0	cc-band TKHD85 KR400 VS0	32585	2,229 kg
EF-Band TKHD85 KR400 VS1	cc-band TKHD85 KR400 VS1	32586	2,229 kg
EF-Band TKHD85 KR400 VSR	cc-band TKHD85 KR400 VSR	32587	2,229 kg
LK-Schraube-T30-6x20-A4-GFU	LK-Schraube-T30-6x20-A4-GFU	32599	0,004 kg
Schraube M6 x 25 gewindefurchend	spiral thread screw M6 x 25 self-tapping	22061	0,007 kg
Zylinderschraube M6x25 V4A DIN7500 EE	cylinder head screw M6x25 V4A DIN7500 EE	20464	0,008 kg
Profil TKHD90 RMF 26 x 10	profile TKHD90 RMF 26 x 10	5857	0,429 kg/m
Montageanleitung TKHD	assembly instruction TKHD	760102	0,001 kg

1 Kettenband = 12 Teilungen = 1020 mm  
1 chain band = 12 pitches = 1020 mm

Typ/type	Bi	KR	Vorspannung / pretension
TKHD85	100 mm - 800 mm	240, 300, 350, 500	VS0, VS1, VSR

$$L_k \approx \frac{L_s}{2} + L_B$$

$$L_f = \frac{L_s}{2} + t$$

$$L_B = KR \times \pi + 2 \times t$$

$$U_B = KR + \frac{h_G}{2} + t$$

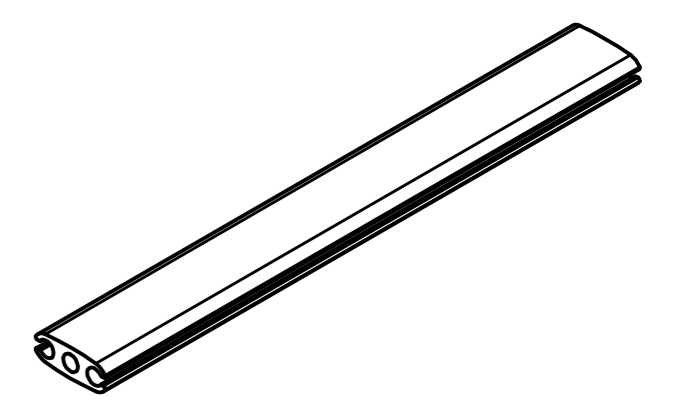
$$H_{min} = 2 \times KR + 1,5 \times h_G$$

$$B_k = B_i + 54 \text{ mm}$$

$$B_{st} = B_i + 15 \text{ mm}$$

Innen-, Außenbreite & Ketteneigengewicht / width inside, outside & weight of cable carrier		
Bi [mm]	Bk [mm]	qk [kg/m]
100	154	6,000
150	204	6,514
200	254	7,029
250	304	7,544
300	354	8,059
350	404	8,574
400	454	9,088
450	504	9,603
500	554	10,118
550	604	10,633
600	654	11,148
650	704	11,662
700	754	12,177
750	804	12,692
800	854	13,207

#5857  
Profil TKHD90 RMF 26 x 10  
profile TKHD90 26 x 10  
L = Bi + 15  
( 1 : 2 )



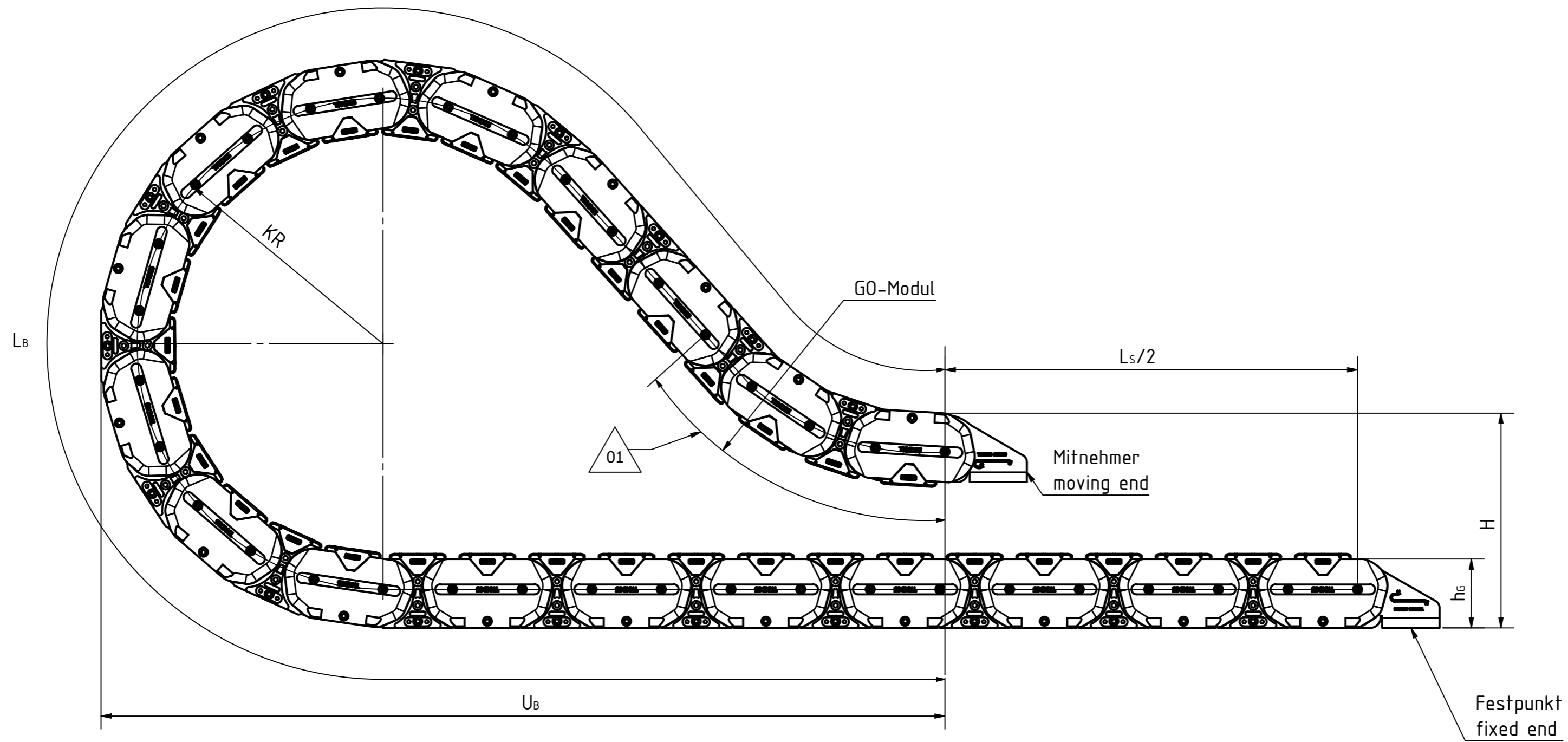
Standardausführung  
Steganordnung an jedem Kettenglied (vollstegig)  
stay arrangement at every chain link (full-stayed)

Einsatzparameter / application parameters	
	Wert / value
Geschwindigkeit / speed	bis / up to 5 m/s
Beschleunigung / acceleration	bis / up to 20 m/s <sup>2</sup>
Zusatzlast / additional load	bis / up to 50 kg/m

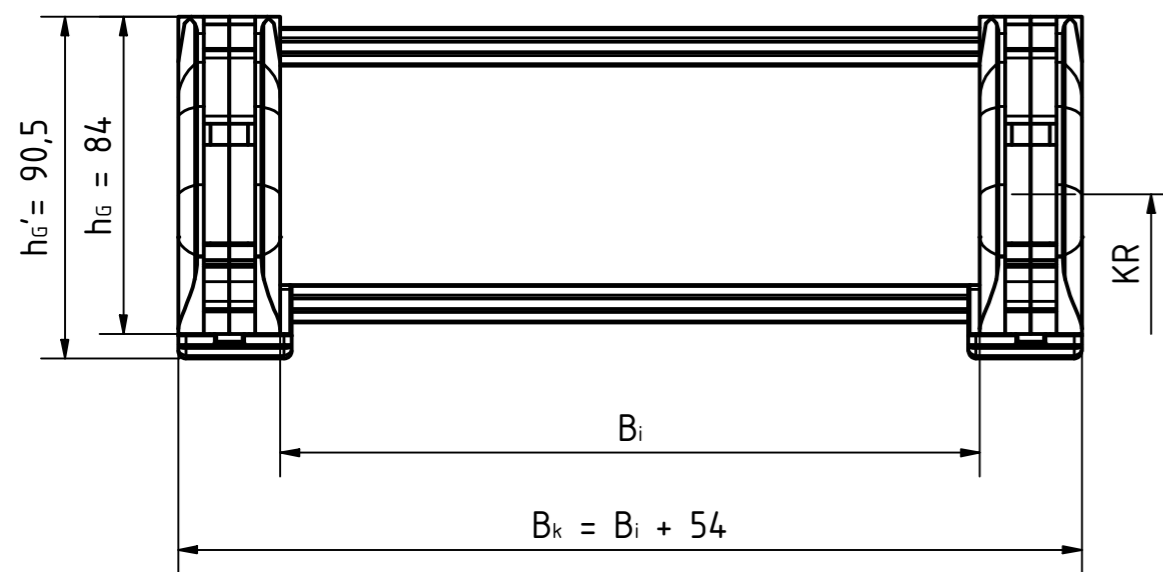
Tolerances / Toleranzen DIN ISO 2768-c	Projection / Projektion 	Scale / Maßstab 1:1	State / Status Drawn / Gezeichnet Approved / Freigegeben	Date / Datum 03.08.2021 19.06.2023	Name ANWE UEKR
Material see table	Weight / Gewicht see table	Description / Beschreibung Characteristics TKHD85 Steckbrief TKHD85	Department / Abteilung	Country / Land	Drawing-No / Zeichnungs-Nr. 10-DE000183540-01
					Revision 2
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					off / von 6

Mitteltende Zeichnungen / additional drawings:  
DE0000182741\_Characteristics\_TKHD85-R

# Kettenablauf gleitend / chain arrangement gliding ( 1 : 5 )

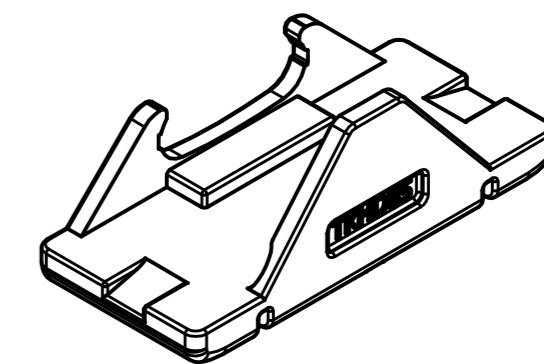


TKHD85 mit aufsteckbaren Gleitschuhen für lange Verfahrwege  
TKHD85 with push-to-connect glide shoes for long travel length  
KR<sub>min</sub> = 240mm  
( 1 : 2 )



gleitende Anordnung / gliding application				
	KR 240	KR 300	KR 350	KR400
Bogenlänge LB / bending length LB	2390 mm	2900 mm	3410 mm	3835 mm
Bogenüberstand UB / loop overhang (depot) UB	1052 mm	1254 mm	1462 mm	1631 mm
Anschlusshöhe H min. / connection height H min.	252 mm	252 mm	252 mm	252 mm
Einbauhöhe Hz / installation height Hz	704 mm	824 mm	924 mm	1024 mm

#32596  
Gleitschuh  
glide shoe  
( 1 : 1 )



passender Kanal / suitable channel:  
TKAL254  
TKSG209

Mitgeltende Zeichnungen / additional drawings:  
DE000194350\_GO-Modul\_TKHD85 MAI  
DE000201838\_GO-Modul\_TKHD85 MII  
DE000203543\_GO-Modul\_TKHD85 MAA  
DE000213541\_GO-Modul\_TKHD85 MIA

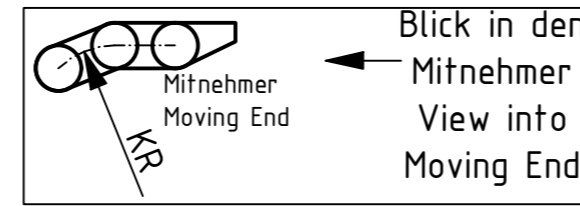
Materialnummern / material numbers					
TITLE	DESCRIPTION-DE	DESCRIPTION-EN	MAT.-NR./NO.	MATERIAL	WEIGHT
GO-Module	TKHD85 MAI	TKHD85 MAI	32595		2,451 kg
GO-Module	TKHD85 MII	TKHD85 MII	32549		2,447 kg
GO-Module	TKHD85 MIA	TKHD85 MIA	32902		2,447 kg
GO-Module	TKHD85 MAA	TKHD85 MAA	32903		2,451 kg
Glide shoe	TKHD85	TKHD85	32596	#7438 PA6.6	0,017 kg

Einsatzparameter / application parameters		Tolerances / Toleranzen DIN ISO 2768-c	Projection / Projektion	Scale / Maßstab	State / Status	Date / Datum	Name	
Geschwindigkeit / speed	bis / up to 5 m/s	Surface / Oberfläche		1:1	Drawn / Gezeichnet	03.08.2021	ANWE	
Beschleunigung / acceleration	bis / up to 2,5 m/s <sup>2</sup>	Material			Approved / Freigegeben	19.06.2023	UEKR	
Verfahrweg / travel length	bis / up to 200 m	Weight / Gewicht	Description / Beschreibung		Department / Abteilung	Country / Land	Drawing-No / Zeichnungs-Nr.	
Zusatzlast / additional load	bis / up to 50 kg/m	Characteristics TKHD85 Steckbrief TKHD85		10-DE000183540-01		Revision	Format	
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# TKHD85 Trennstegsystem TS0 / TKHD85 divider system TS0

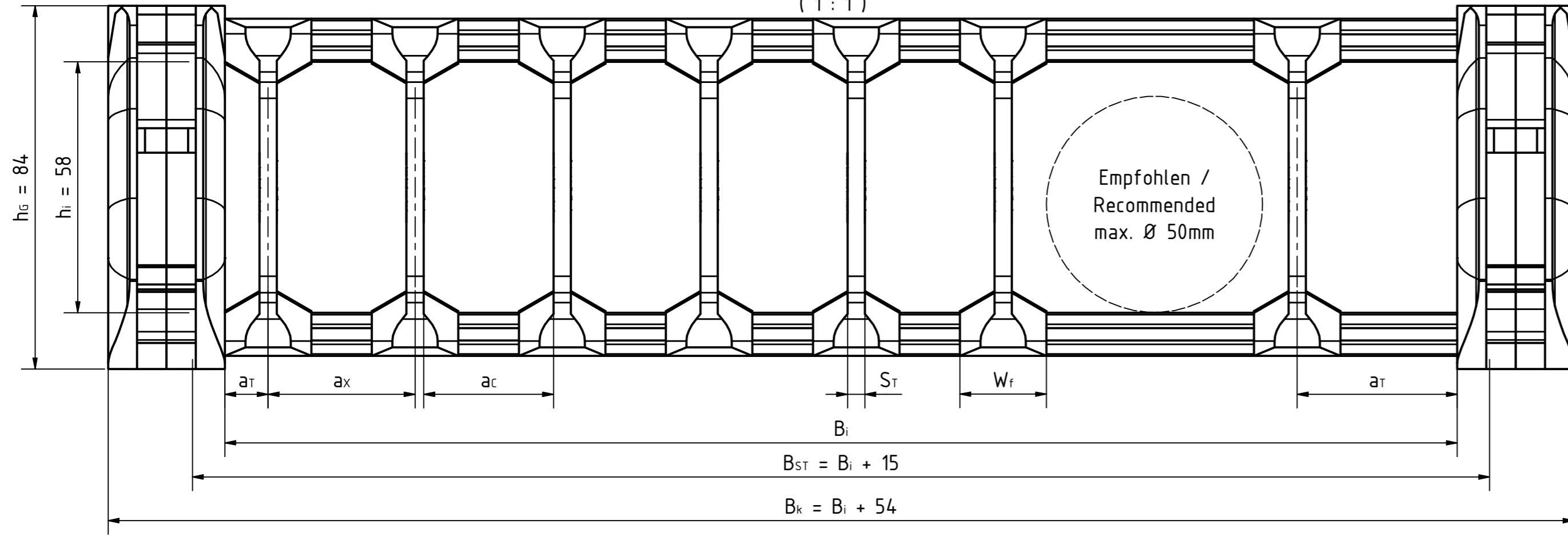
## Standardausführung / standard configuration



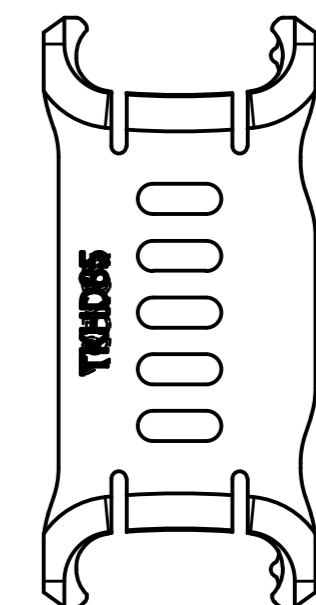
**TKHD85 RMF Trennstegsystem TS0**  
 ohne Höhenunterteilung  
 Die Trennstege sind im Querschnitt verschiebbar (Version A) oder fixiert (Version B)

**TKHD85 RMF divider system TS0**  
 without height separation  
 the dividers can be moved within the grid (version A) or fixed (version B)

( 1 : 1 )



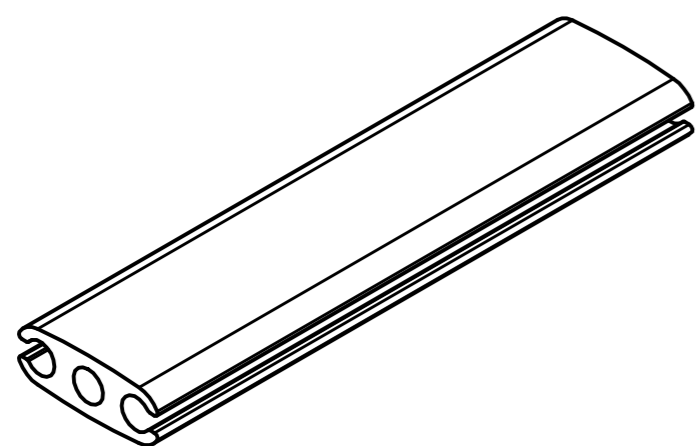
#32597  
 Trennsteg TKHD85 TS0-TS1  
 divider TKHD85 TS0-TS1  
 ( 1 : 1 )



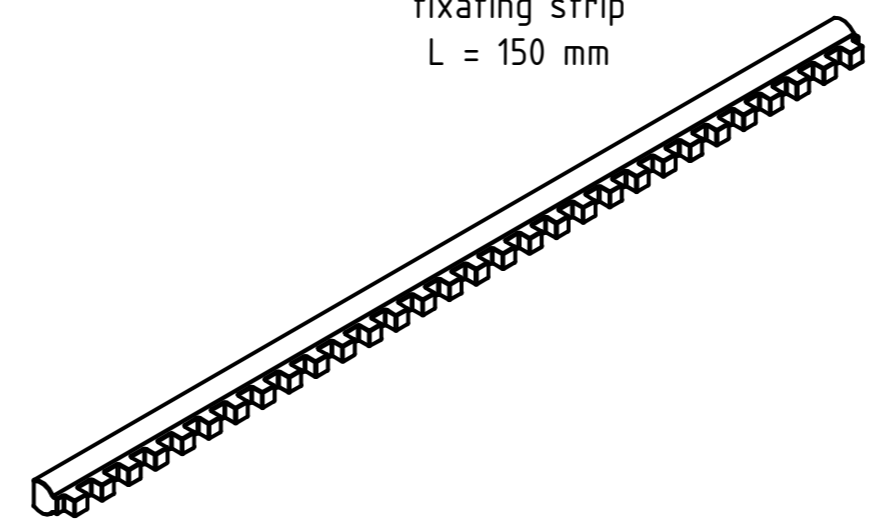
Maße / dimensions	Version A	Version B
aT min	10 mm / 13 mm*	12,5 mm / 17,5 mm *
aX min	20 mm	20 mm
aC min	16 mm	16 mm
WF	20 mm	20 mm
ST	4 mm	4 mm
SH	4 mm	4 mm
Raster / grid	1 mm	5 mm

Version A - verschiebbar / movable  
 Version B - fixiert (durch Fixierprofil) / fixed (by fixing profile)  
 \* mit Gleitschuh / with glide shoe

#5857  
 Profil RMF 26 x 10  
 profile RMF 26 x 10  
 L = B<sub>i</sub> + 15



#55105  
 Fixierleiste  
 fixing strip  
 L = 150 mm



**Materialnummern / material numbers**

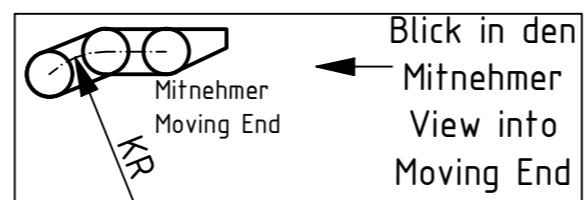
TITLE	DESCRIPTION-DE	DESCRIPTION-EN	MAT.-NR./NO.	MATERIAL	WEIGHT
Profile	TKHD90 RMF 26 x 10	TKHD90 RMF 26 x 10	5857	AlMgSi0,5	42,247 g
Divider	TKHD85 TS0-TS1	TKHD85 TS0-TS1	32597	PA6 GF35%	0,016 kg
Equipment	M1300, TKHD90 - Fixierleiste	M1300, TKHD90 - fixing strip	55105	PA6 GF35%	0,004 kg
	Montageanleitung TKHD	assembly instruction TKHD	760102		0,001 kg

Tolerances/ Toleranzen DIN ISO 2768-c	Projection/ Projektion 	Scale/ Maßstab 1:1	State/ Status Drawn/ Gezeichnet 19.06.2023	Date/ Datum 03.08.2021	Name ANWE
Surface/ Oberfläche			Approved/ Freigegeben 19.06.2023		UEKR
Material see table					
Weight/ Gewicht see table					
Description/ Beschreibung			Department/ Abteilung	Country/ Land	Drawing-No/ Zeichnungs-Nr.
Characteristics TKHD85 Steckbrief TKHD85					10-DE000183540-01
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					Format A2
					Sheet/ Blatt 4
					off/ von 6



# TKHD85 Trennstegsystem TS1 / TKHD85 divider system TS1

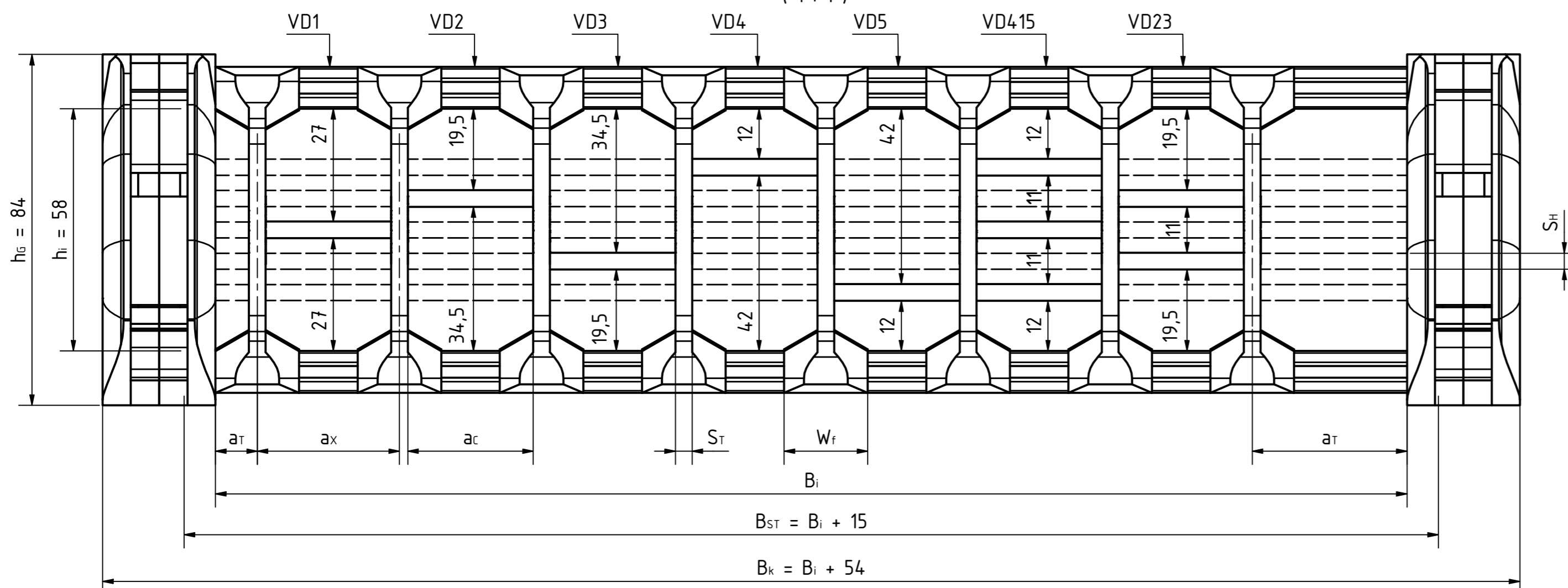
## Standardausführung / standard configuration



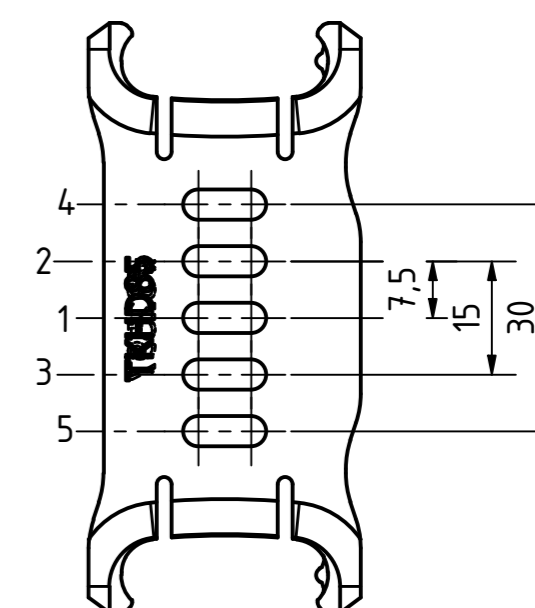
**TKHD85 RMF Trennstegsystem TS1**  
 durchgehende Höhenunterteilung mit Profil 10,8 x 4 #5803  
 die Trennstege sind im Querschnitte verschiebbar (Version A) oder fixiert (Version B)

**TKHD85 RMF divider system TS1**  
 continuous height separation with profile 10,8 x 4 #5803  
 the dividers can be moved within the cross (version A) or fixed (version B)

( 1 : 1 )

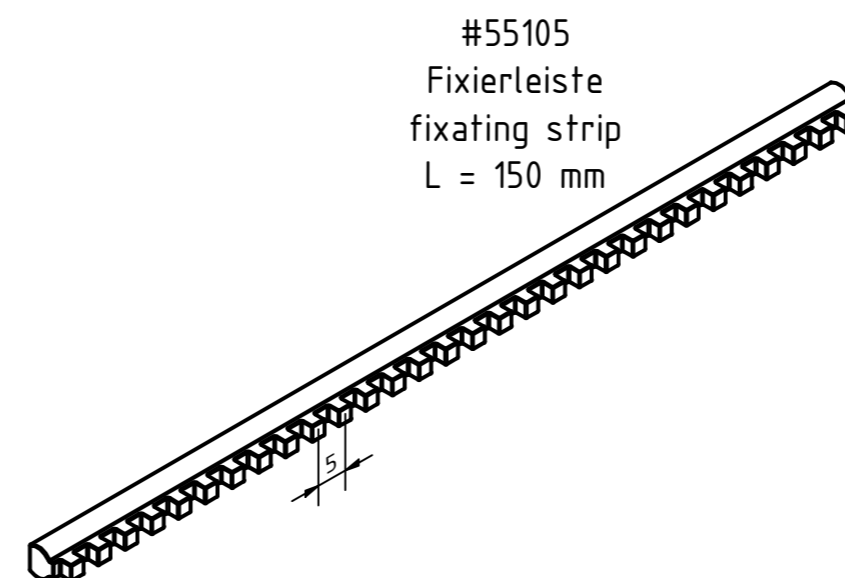
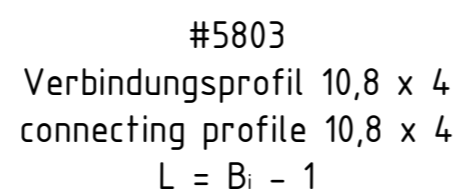
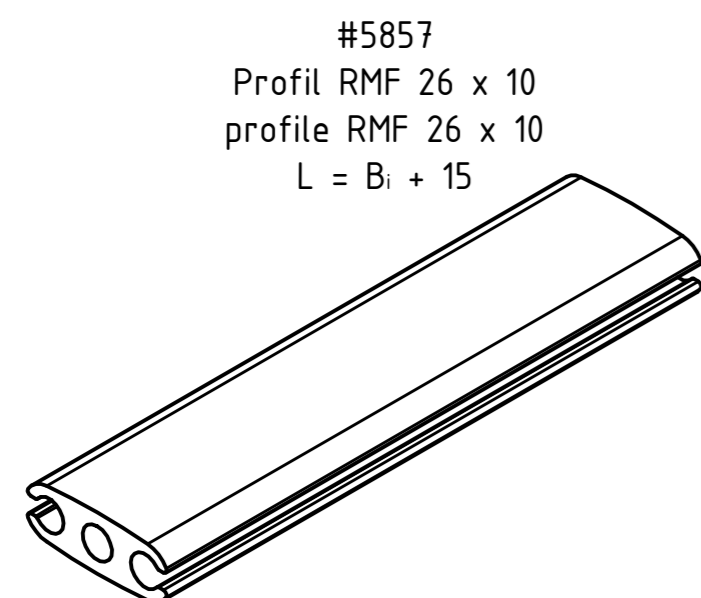


#32597  
 Trennsteg TKHD85 TS0-TS1  
 divider TKHD85 TS0-TS1  
 ( 1 : 1 )



Maße / dimensions	Version A	Version B
aT min	10 mm / 13 mm*	12,5 mm / 17,5 mm*
aX min	20 mm	20 mm
aC min	16 mm	16 mm
Wf	20 mm	20 mm
ST	4 mm	4 mm
SH	4 mm	4 mm
Raster / grid	1 mm	5 mm

Version A - verschiebbar / movable  
 Version B - fixiert (durch Fixierprofil) / fixed (by fixing profile)  
 \* mit Gleitschuh / with glide shoe



### Materialnummern / material numbers

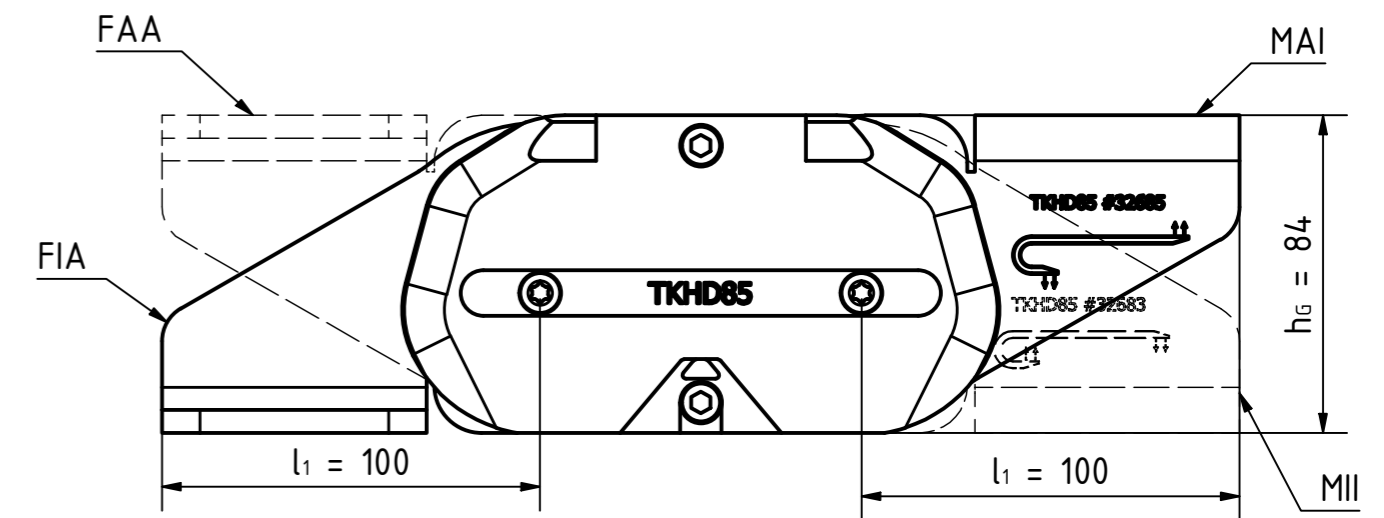
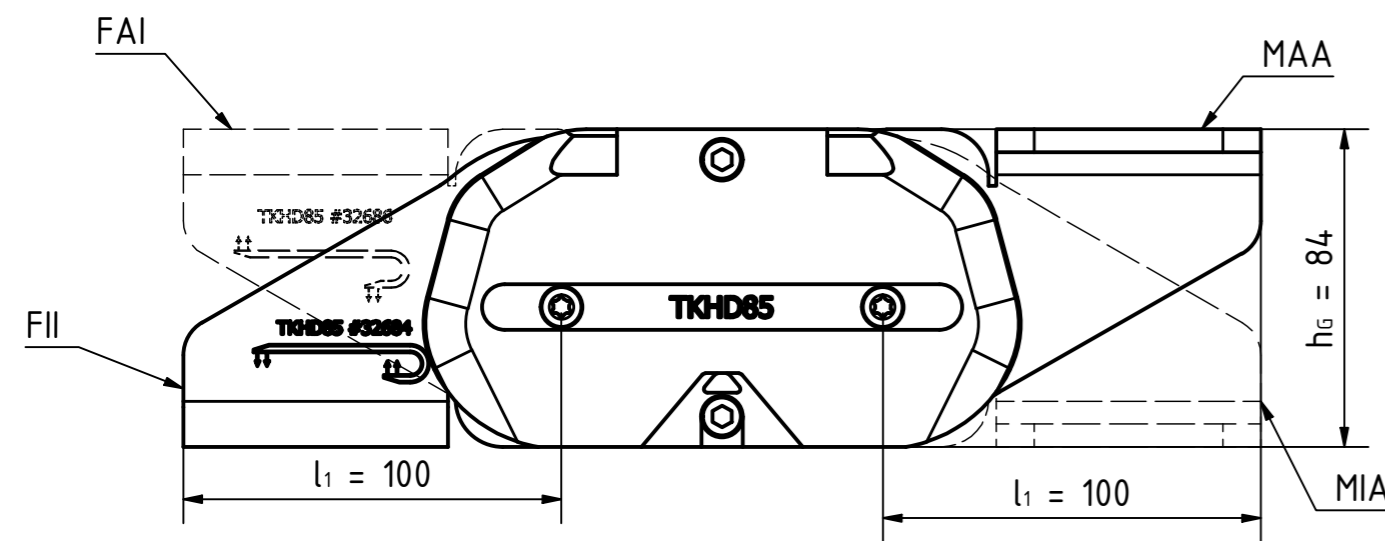
TITLE	DESCRIPTION-DE	DESCRIPTION-EN	MAT.-NR./NO.	MATERIAL	WEIGHT
Profile	TKHD90 RMF 26 x 10	TKHD90 RMF 26 x 10	5857	AlMgSi0,5	42,247 g
Divider	TKHD85 TS0-TS1	TKHD85 TS0-TS1	32597	PA6 GF35%	0,016 kg
Equipment	M1300, TKHD90 - Fixierleiste	M1300, TKHD90 - fixing strip	55105	PA6 GF35%	0,004 kg
Profile	Verbindungsprofil 10,8 x 4 0321 Glied	Connecting profile 10,8 x 4 0321 link	5803	AlMgSi0,5	0,065 kg
	Montageanleitung TKHD	assembly instruction TKHD	760102		0,001 kg

Tolerances/ Toleranzen DIN ISO 2768-c	Projection/ Projektion 	Scale/ Maßstab 1:1	State/ Status Drawn/ Gezeichnet	Date/ Datum 03.08.2021	Name ANWE
Surface/ Oberfläche			Approved/ Freigegeben	19.06.2023	UEKR
Material see table					
Weight/ Gewicht see table					
Description/ Beschreibung			Department/ Abteilung	Country/ Land	Drawing-No / Zeichnungs-Nr.
Characteristics TKHD85 Steckbrief TKHD85			10-DE000183540-01		A2
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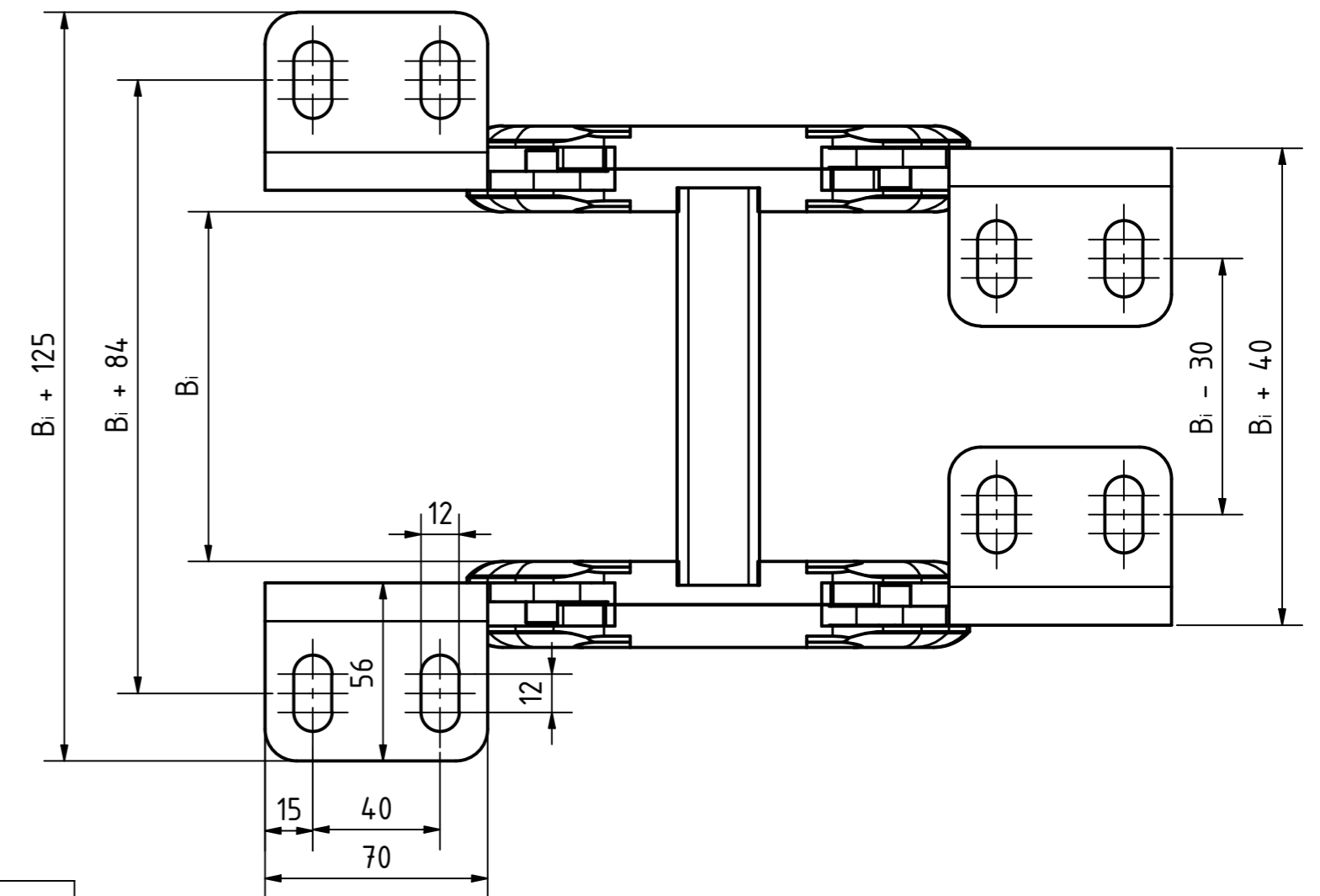
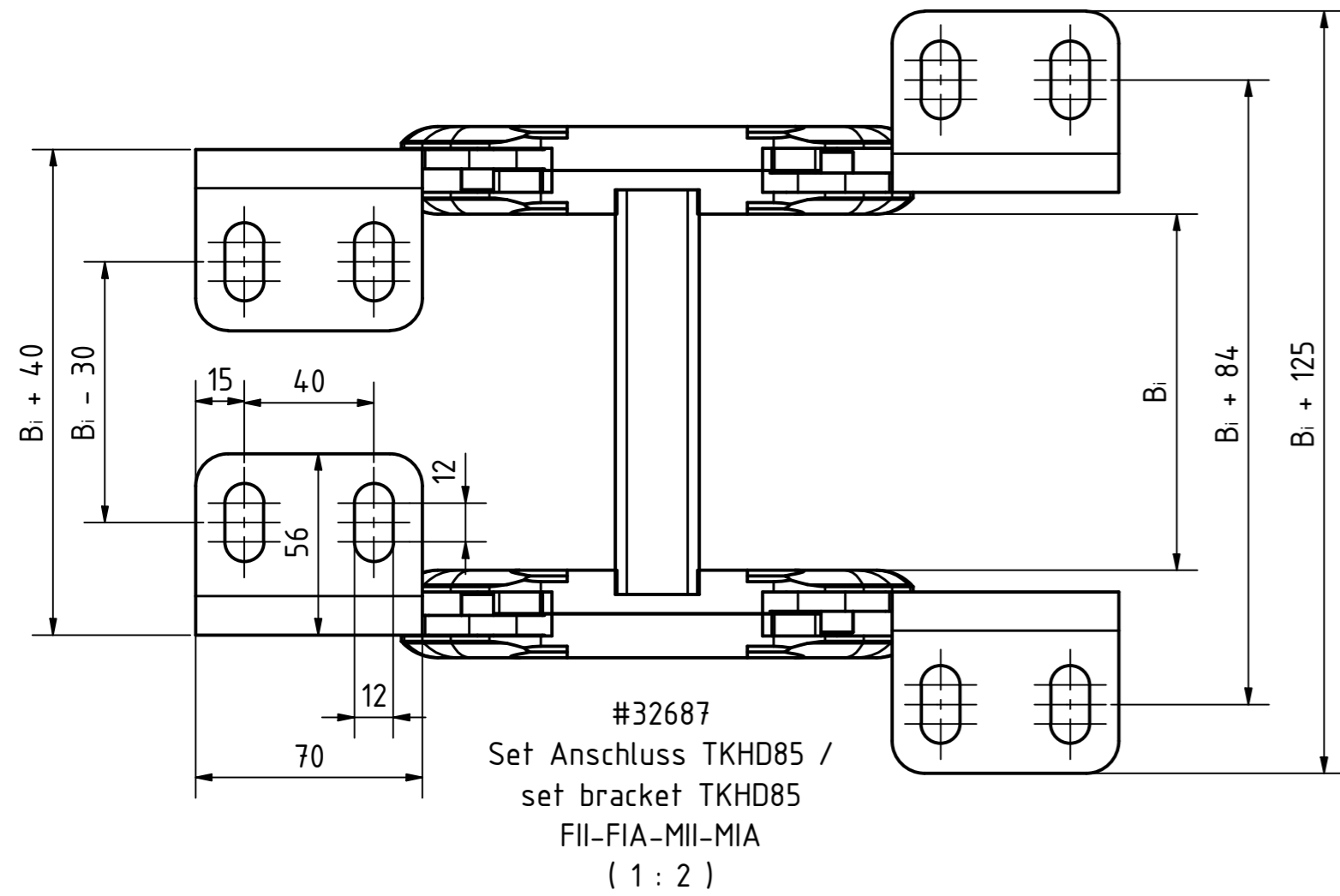
**Innovation in Motion**  
**TSUBAKI**  
**KABELSCHLEPP**  
 TSUBAKI KABELSCHLEPP

# Anschlusselemente / brackets

## Standardausführung / standard configuration

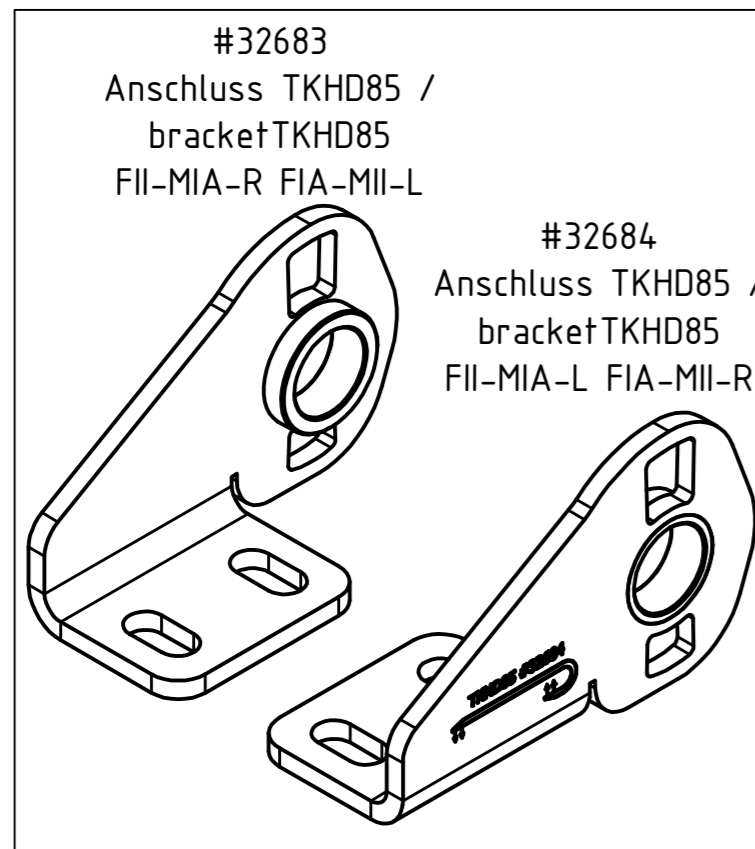


Anschlusswinkelverschraubung mit Zylinderschraube M10  
 Empfohlenes Anzugsmoment: 36Nm  
 bracket screwing with cylindrical screw M10  
 recommended tightening torque: 36Nm



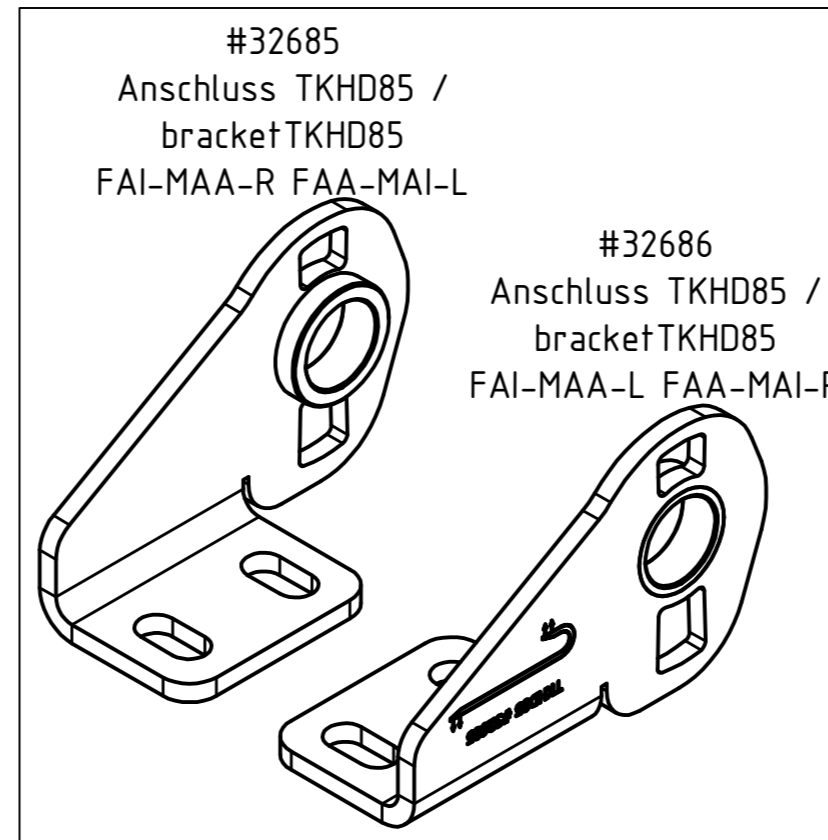
#32687  
 Set Anschluss TKHD85 /  
 set bracket TKHD85  
 FII-FIA-MII-MIA  
 ( 1 : 2 )

#32688  
 Set Anschluss TKHD85 /  
 set bracket TKHD85  
 FAI-FAA-MAI-MAA  
 ( 1 : 2 )



#32683  
 Anschluss TKHD85 /  
 bracket TKHD85  
 FII-MIA-R FIA-MII-L

#32684  
 Anschluss TKHD85 /  
 bracket TKHD85  
 FII-MIA-L FIA-MII-R



#32685  
 Anschluss TKHD85 /  
 bracket TKHD85  
 FAI-MAA-R FAA-MAI-L

#32686  
 Anschluss TKHD85 /  
 bracket TKHD85  
 FAI-MAA-L FAA-MAI-R

### Materialnummern / material numbers

TITLE	DESCRIPTION-DE	DESCRIPTION-EN	MAT.-NR./NO.	MATERIAL	WEIGHT
Bracket	TKHD85 FII-MIA-R FIA-MII-L	TKHD85 FII-MIA-R FIA-MII-L	32683	ER 1	0,469 kg
Bracket	TKHD85 FII-MIA-L FIA-MII-R	TKHD85 FII-MIA-L FIA-MII-R	32684	ER 1	0,469 kg
Bracket	TKHD85 FAI-MAA-R FAA-MAI-L	TKHD85 FAI-MAA-R FAA-MAI-L	32685	ER 1	0,471 kg
Bracket	TKHD85 FAI-MAA-L FAA-MAI-R	TKHD85 FAI-MAA-L FAA-MAI-R	32686	ER 1	0,471 kg
Bracket	Set TKHD85 FII-FIA MIA-MII	Set TKHD85 FII-FIA MIA-MII	32687		0,937 kg
Bracket	Set TKHD85 FAI-MAA-FAA-MAI	Set TKHD85 FAI-MAA-FAA-MAI	32688		0,941 kg

Tolerances/ Toleranzen DIN ISO 2768-c	Projection/ Projektion 	Scale/ Maßstab 1:1	State/ Status Drawn/ Gezeichnet 19.06.2023	Date/ Datum 03.08.2021	Name ANWE
Surface/ Oberfläche			Approved/ Freigegeben 19.06.2023		UEKR
Material see table					
Weight/ Gewicht see table					
Description/ Beschreibung			Department/ Abteilung	Country/ Land	Drawing-No/ Zeichnungs-Nr.
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