

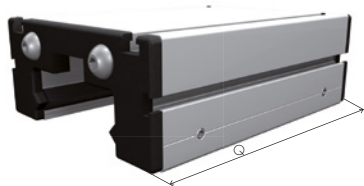


Spare parts

Spare parts

Carriage

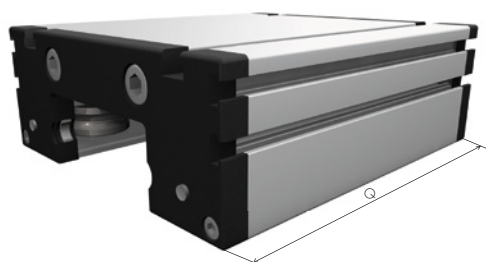
Complete carriage EG



Additional complete carriage with V-slides and end plates.

Code-No.	Type	Q _{Standard}	Q _{max.}
04532	EG 30	82	1000
04542	EG 40	118	1000
04562	EG 60	164	1000
04582	EG 80	193	1000

Complete carriage EL/ML



Additional complete carriage with rollers, eccentrics and wiper end plates for free rolling. Temperature: Up to 100° C.

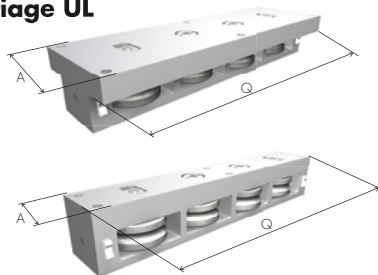
without Slider ²⁾	Code-No.	Type	Q _{Standard}	Q _{max.}
	04531	EL 30	82	3000
	04541	EL 40	122	3000
	04561	EL/ML 60	168	3000
	04560	EL/ML 60S	194	3000
	04581	EL/ML 80	194	3000
	04580	EL/ML 80S	214	3000
	04511	EL/ML 100	300	2000
with Slider ¹⁾	04521	EL 125	365	2000

with Slider ¹⁾	Code-No.	Type	Q _{Standard}	Q _{max.}
	045311	EL 30	82	3000
	045411	EL 40	122	3000
	045611	EL 60	168	3000
	045601	EL 60S	194	3000
	045811	EL 80	194	3000
	045801	EL 80S	214	3000
	045111	EL 100	300	2000
without Slider ²⁾	045211	EL 125	365	2000

1) ELT/K, ELVZ, ELHZ

2) ELZ, ELZT, ELZU, ELZA, ELZQ, MLZ

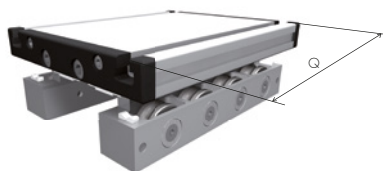
Complete carriage UL



Carriage with rollers, eccentrics and end plates.
Temperature: Up to 100° C.

Code-No.	Type	A	Q
045471	UL 40	40	146
045472	UL 40	20	146
045671	UL 60	60	194
045672	UL 60	29	194
045871	UL 80	80	260
045872	UL 80	42	260

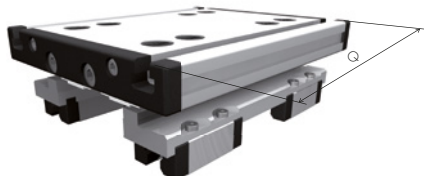
Complete carriage DL



Standard carriage with 2x4 rollers, eccentrics and end plates.
Temperature: Up to 100° C.
Different versions by inquiry.

Code-No.	Type	Q _{Standard}	Q _{max.}
04591	DL 120	156	3000
04590	DL 160	200	3000
04592	DL 200	270	3000

Complete carriage DS



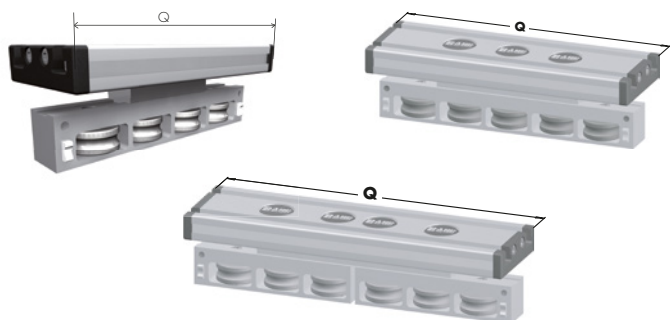
Carriage with four runner blocks and end plates.
Temperature: Up to 100° C.
Different versions by inquiry.

Code-No.	Type	Q _{Standard}	Q _{max.}
045700	DS 120	156	3000
045710	DS 160	200	3000
045720	DS 200	270	3000

Spare parts

Carriage

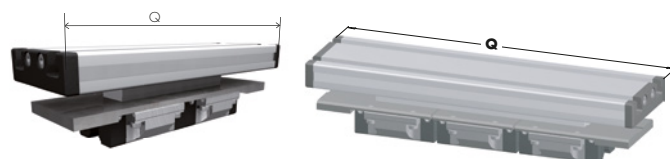
Carriage QL



Carriage with rollers, eccentrics and end plates.
Temperature: Up to 100° C. Different versions by inquiry.

Code-Nr.	Type	Q _{Standard}	Number of rollers
04593A	QL 60	152	4
04593B	QL 60	192	5
04593C	QL 60	232	6
04594A	QL 80	196	4
04594B	QL 80	246	5
04594C	QL 80	296	6
04595A	QL 100	260	4
04595B	QL 100	320	5
04595C	QL 100	388	6

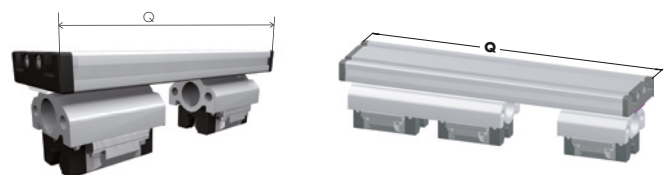
Carriage QS



Carriage with 2 runner blocks and end plates.
Temperature: Up to 100° C Different versions by inquiry.

Code-Nr.	Type	Q _{Standard}	Number of Runnerblocks
045970	QS 60	177	2
045973	QS 60	242	3
045980	QS 80	232	2
045983	QS 80	312	3
045990	QS 100	268	2
045993	QS 100	362	3
04550	QS 125	300	2
045502	QS 125	365	3

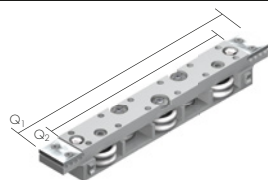
Carriage QST/K



Carriage with 2 runner blocks and end plates without leading nut.
Temperature: Up to 100° C. Different versions by inquiry.

Code-Nr.	Type	Q _{Standard}	Q _{max.}
045974	QST/K 60	188	3000
045984	QST/K 80	250	3000
045997	QST/K 100	288	3000

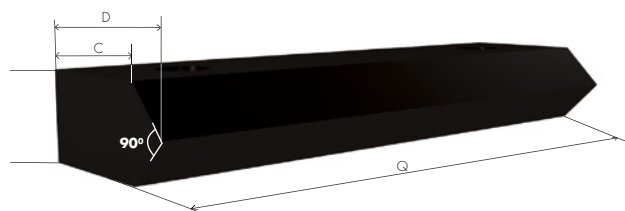
Carriage LLZ 60



Carriage with 5 runner blocks.

Code-No.	Type	Q ₁	Q ₂
04570	LLZ 60	215	175

V-slide EG



Made of low-wear plastic with good sliding characteristics.
2 pieces per carriage.

Code-No.	Type	A	B _{max.}	C	D
04233	30	9,3	1.000	-	17,6
04243	40	8	1.000	9	13
04263	60	10	1.000	16	21
04283	80	14	1.000	22	29

Carriage roller



Standard roller. Stainless steel upon request.

Code-Nr.	Type	Name
04000	EL 30	LFR 687-2Z
04001	EL 40 / DL 120 / QL 60 / LLZ 60	LFR 608-2Z
04002	EL/ML 60 / DL 160 / QL 80	LR 10
04039	EL/ML 60S / DL 200 / QL 100	LFR 5302 KDD
04003	EL/ML 80	LR 12
04038	EL/ML 80S	LFR 5202-12 NPP
04004	EL/ML 100	LFR 5204-16 NPP
04009	EL 125	LFR 5206-20 KDD

Spare parts

Carriage

Carriage roller block DL - QL

Made of aluminium, complete with rollers, eccentric and screws.

Code-No.	Type	Standard	By inquiry
04100	DL 120	4 rollers	3; 5; 2x3 rollers
04110	DL 160	4 rollers	3; 5; 2x3 rollers
04115	DL 200	4 rollers	3; 5; 2x3 rollers
04116	QL 60	4 rollers	5; 2x2; 2x3 rollers
04117	QL 80	4 rollers	5; 2x2; 2x3 rollers
04119	QL 100	4 rollers	5; 2x2; 2x3 rollers

* for outside fixed roller

** for inner movable roller

Runner block for DS - QS

Code-No.	Type
04150	QS 60
04152	QS 80
04154	QS 100
04156	DS 120
04157	DS 160
04158	DS 200

Eccentric EL/ML

Size 40, 60

Eccentric made of stainless steel with mounting accessories, screw, shims and safety washer.

Code-No.	Type	For roller
04050	EL 30	LFR 687-2Z
04051	EL 40	LFR 608-2Z
04052	EL/ML 60	LFR 5201 - KDD
040521	EL/ML 60S	LFR 5302 - KDD
04053	EL/ML 80	LFR 5201-12 - KDD
04049	EL/ML 80S	LFR 5202-12 - NPP
04054	EL 100	LFR 5204-16 - NPP
04055	EL 125	LFR 5206-20 - KDD

Size 30, 60S, 80, 80S, 100, 125

Eccentric DL - QL

Eccentric made of stainless steel with mounting set, screw, shims and safety washer. The front side has an embossed marking to enable uniformly adjustment of rollers.

Code-No.	Type	For roller
04057	DL 120	LFR 608-2Z
04058	DL 160	LFR 5201 - KDD
04059	DL 200	LR 5302 - KDD
06060	QL 60*	LFR 608-2Z
06061	QL 60**	LFR 608-2Z
06080	QL 80*	LFR 5201 - KDD
06081	QL 80**	LFR 5201 - KDD
06010	QL 100*	LR 5302 - KDD
06011	QL 100**	LR 5302 - KDD

* for outside fixed roller

** for inner movable roller

For arrangement of the different rollers see „carriage roller block“ above.

Spare parts

Carriage

Tool for eccentric adjustment



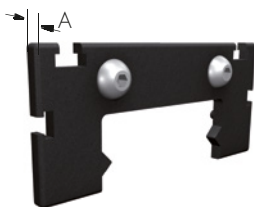
1.2

Fix tool			Adjust tool	
Type	Code-No.	Dimension	Code-No.	Dimension
EL 30	09019	T 10	09030	LK 9,5 ø 1,3
EL 30	09020	SW 2	09030	LK 9,5 ø 1,3
EL 40	09021	SW 4	09022	SW 5
EL 60	09022	SW 5	09023	SW 6
EL 60S	09023	SW 6	09036	LK 20 ø 2
EL 80	09022	SW 5	09031	LK 15 ø 2
EL 80S	09023	SW 6	09036	LK 20 ø 2
EL 100	09023	SW 6	09032	LK 24 ø 3
EL 125	09024	SW 8	09033	LK 32 ø 4

Fix tool			Adjust tool	
Type	Code-No.	Dimension	Code-No.	Dimension
DL 120	09025	SW 3	09034	LK 10,5 ø 1,3
DL 160	09021	SW 4	09031	LK 15 ø 2
DL 200	09023	SW 6	09036	LK 20 ø 2
QL 60	09038	LK 8 ø 1,5	09026	SW 2,5
	09021	SW 4	09022	SW 5
QL 80	09037	LK 10 ø 2	09025	SW 3
	09022	SW 5	09023	SW 6
QL 100	09035	LK 13 ø 2,5	09021	SW 4
	09023	SW 6	09036	LK 20 ø 2

End plates EG

Material ABS, for temperatures up to 100°C



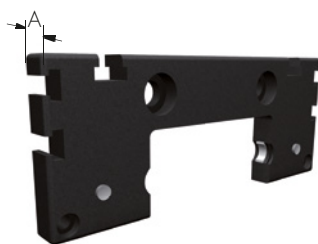
without slider		
Code-No.	Type	A
04241	EG 40	5
04261	EG 60	6
04281	EG 80	6

with slider		
Code-No.	Type	A
04246	EG 40	5
04266	EG 60	6
04286	EG 80	6

with slider and output for grease nipple		
Code-No.	Type	A
042661	EG 60	6
042861	EG 80	6

Wiper end plate complete for EL/ML

Material ABS, for temperatures up to 100°C



without slider ¹⁾		
Code-Nr.	Type	A
04230	EL 30	6
04240	EL 40	11
04260	EL/ML 60	12
04268	EL/ML 60S	12
04280	EL/ML 80	12
04288	EL/ML 80S	12
04210	EL/ML 100	15
04220	EL 125	15

with slider ²⁾		
Code-Nr.	Type	A
04234	EL 30	6
04244	EL 40	11
04264	EL 60	12
04269	EL 60S	12
04284	EL 80	12
04289	EL 80S	12
04214	EL100	15
04224	EL125	15

with slider and output for grease nipple ³⁾		
Code-Nr.	Type	A
042641	EL 60	12
042691	EL 60S	12
042841	EL 80	12
042891	EL 80S	12
042141	EL 100	15
042241	EL 125	15

1) ELZ, ELZT, ELZU, ELZA, ELZQ, MLZ 2) ELT/K, ELVZ, ELHZ 3) ELT/K

Slider inset for ELT / ELK Slider inset for DLT / DLK

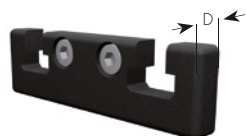
When changing the cover band, it is necessary to replace the slide.



ELT / ELK	
Code-No.	Type
03132	EL 30
03142	EL 40
03162	EL 60

DLT / DLK	
Code-No.	Type
03164	DL 120
03184	DL 160
03114	DL 200

Wiper end plate DL / DS - QL / QS



Code-No.	Type	D	Material
04211	DL/DS 120	8	ABS
04212	DL/DS 160	10	ABS
04213	DL/DS 200	15	ABS
04267	QL/QS 60	6	ABS
04287	QL/QS 80	8	ABS
04217	QL/QS 100	10	ABS

DL / DS

QL / QS

Spare parts

guide body profile

Cover band

Spring steel (stainless steel)

Code-No.	Type	A x B
01020....	EL/EG 30	8 x 0,15
01021....	EL/EG 40/60/80 DL/DS 120	13,5 x 0,3
01026....	DL/DS 160	17,3 x 0,3
01022....	EL 100/125 DL/DS 200	22 x 0,3
01023	QST/K 60	24 x 0,3
01024	QST/K 80	32,3 x 0,3
01025	QST/K 100	38,5 x 0,3

Code-No. length in mm

01026	2300
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Sample ordering code:

Cover band 17,3 x 0,3 2.300 mm long.

Jointing plate for closed carriage

Aluminium plate with connection bores.

Code-No	Type	A	B	C
03045	EG 40	70	70	8
03065	EG 60	100	98	8
03085	EG 80	140	140	8
03036	EL 30	70	52	6
03046	EL 40	100	70	8
03066	EL/ML 60	144	98	8
03067	EL/ML 60S	170	106	10
03086	EL/ML 80	170	140	8
03087	EL/ML 80S	190	142	10
03016	EL 100	230	180	8
03026	EL 125	295	215	12

Guide rod

Code-No.	Type	Ø	Material	Hardness
04131....	EL/EG 30	5 _{h6}	Cf 53	HRC 62
04132....	EL/EG 30	5 _{h6}	x 90 CrMoV18	HRC 56
04141....	EL 40 / DL 120 LLZ 60 / QL 60	6 _{h6}	Cf 53	HRC 62
04142....	EL 40 / DL 120 LLZ 60 / QL 60	6 _{h6}	x 90 CrMoV18	HRC 56
04161....	EL 60 (S) DL 160/200 QL 80/100	10 _{h6}	Cf 53	HRC 62
04162....	EL 60 (S) DL 160/200 QL 80/100	10 _{h6}	x 90 CrMoV18	HRC 56
04181....	EL 80 (S)	12 _{h6}	Cf 53	HRC 62
04182....	EL 80 (S)	12 _{h6}	x 90 CrMoV18	HRC 56
04111....	EL 100	16 _{h6}	Cf 53	HRC 62
04112....	EL 100	16 _{h6}	x 90 CrMoV18	HRC 56
04113....	EL 125	20 _{h6}	Cf 53	HRC 62
04114....	EL 125	20 _{h6}	x 90 CrMoV18	HRC 56

Code-No. length in mm

04131	2000
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Sample ordering code:

Guiding rod steel Ø 5 2.000 mm long.

Spare parts

Spindle

Trapezoidal spindle



1.2

Code-No.	Type	Pitch	Unit length L _{max.}
04609....	EL/EG 30	10x03 R	1.500 mm
04629....	EL/EG 30	10x03 L	1.500 mm
04600....	EL/EG 40	18x0	3.000 mm
04620....	EL/EG 40	18x04 L	3.000 mm
04640....	DL/DS 120 / QS 60	18x04 R	3.000 mm
04650....	DL/DS 120 / QS 60	18x04 L	3.000 mm
04601....	EL/EG 40	18x08 R	3.000 mm
04621....	EL/EG 40	18x08 L	3.000 mm
04641....	DL/DS 120 / QS 60	18x08 R	3.000 mm
04651....	DL/DS 120 / QS 60	18x08 L	3.000 mm
04602....	EL/EG 60	24x05 R	4.000 mm
04622....	EL/EG 60	24x05 L	3.000 mm
04642....	DL/DS 160 / QS 80	24x05 R	4.000 mm
04652....	DL/DS 160 / QS 80	24x05 L	3.000 mm
04603....	EL/EG 60	24x10 R	3.000 mm

Code-No.	Type	Pitch	Unit length L _{max.}
04623....	EL/EG 60	24x10 L	3.000 mm
04643....	DL/DS 160 / QS 80	24x10 R	3.000 mm
04643....	DL/DS 160 / QS 80	24x10 L	3.000 mm
04604....	EL/EG 80(S)	28x05 R	3.000 mm
04624....	EL/EG 80(S)	28x05 L	3.000 mm
04605....	EL/EG 80(S)	28x10 R	3.000 mm
04625....	EL/EG 80(S)	28x10 L	3.000 mm
04606....	EL / QS 100 DL/DS 200	32x06 R	4.500 mm
04626....	EL / QS 100 DL/DS 200	32x06 L	3.000 mm
04607....	EL / QS 100 DL/DS 200	32x12 R	3.000 mm
04627....	EL / QS 100 DL/DS 200	32x12 L	3.000 mm
04630....	EL 125	40x07 R	4.000 mm
04631....	EL 125	40x07 L	3.000 mm
04632....	EL 125	40x14 R	3.000 mm
04633....	EL 125	40x14 L	3.000 mm

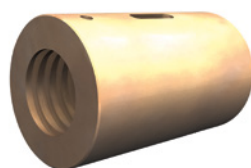
Code-No. unit length in mm

04603	1000
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Sample ordering code:

Trapezoidal spindle Tr 24x10 right, unit length 1000 mm.

Trapezoidal screw made of RG 7



Code-No.	Type	Pitch
04332	EL/EG 30	10x03 R
04333	EL/EG 30	10x03 L
04340	EL/EG 40 / DL/DS 120 / QS 60	18x04 R
04341	EL/EG 40 / DL/DS 120 / QS 60	18x04 L
04342	EL/EG 40 / DL/DS 120 / QS 60	18x08 R
04343	EL/EG 40 / DL/DS 120 / QS 60	18x08 L
04360	EL/EG 60 / DL/DS 160 / QS 80	24x05 R
04361	EL/EG 60 / DL/DS 160 / QS 80	24x05 L
04362	EL/EG 60 / DL/DS 160 / QS 80	24x10 R
04363	EL/EG 60 / DL/DS 160 / QS 80	24x10 L
04380	EL/EG 80(S)	28x05 R

Code-No.	Type	Pitch
04381	EL/EG 80(S)	28x05 L
04382	EL/EG 80(S)	28x10 R
04383	EL/EG 80(S)	28x10 L
04310	EL / QS 100 / DL/DS 200	32x06 R
04311	EL / QS 100 / DL/DS 200	32x06 L
04312	EL / QS 100 / DL/DS 200	32x12 R
04313	EL / QS 100 / DL/DS 200	32x12 L
04320	EL 125	40x07 R
04321	EL 125	40x07 L
04322	EL 125	40x14 R
04323	EL 125	40x14 L

Spare parts

Spindle

Ballscrew spindle



Code-No.	Type	Pitch	Unit length L _{max}
04610....	EL/EG 30	8x2,5 R	2.000 mm
04611....	EL/EG 40	16x05 R	3.000 mm
04661....	DL/DS 120 / QS 60	16x05 R	3.000 mm
04612....	EL/EG 40	16x10 R	3.000 mm
04662....	DL/DS 120 / QS 60	16x10 R	3.000 mm
04614....	EL/EG 60	25x05 R	3.000 mm
04615....	EL/EG 60	25x10 R	3.000 mm
04613....	EL/EG 60	20x20 R	3.000 mm
04663....	DL/DS 120 / QS 80 DL/DS 160	20x20 R	3.000 mm
046151....	EL/EG 60	20x05 L	3.000 mm

Code-Nr. unit length in mm

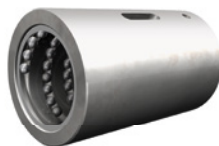
04617	1000
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Sample ordering code:

Ballscrew spindle 32x05 right, unit length 1.000 mm.

Code-No.	Type	Pitch	Unit length L _{max}
04664....	DL/DS 120 DL/DS 160 QS 80	25x05R	3.000 mm
04665....	DL/DS 120 DL/DS 160 QS 80	25x10 R	3.000 mm
04616....	EL/EG 80(S)	25x25 R	3.000 mm
04666....	DL/DS 120 DL/DS 160	25x25 R	3.000 mm
04617....	EL/EG 80(S) EL/QS 100 DL/DS 200	32x05 R	3.000 mm
04684....	EL/EG 80(S) EL/QS 100 DL/DS 200	32x05 L	3.000 mm
04618....	EL/EG 80(S) EL/QS 100 DL/DS 200	32x10 R	3.000 mm
04683....	EL 100 DL/DS 200	32x20 R	3.000 mm
04619....	EL 100 DL/DS 200	32x32 R	3.000 mm
04634....	EL 125	40x10 R	3.000 mm
04635....	EL 125	40x20 R	3.000 mm
04636....	EL 125	40x40 R	3.000 mm

Ballscrew nut



Code-No.	Type	Pitch	first greasing	re-greasing*
04430	EL/EG 30	8x2,5 R	0,02 g	0,01 g
04440	EL/EG 40 DL/DS 120 QS 60	16x05 R	4,0 g	1,3 g
04441	EL/EG 40 DL/DS 120 QS 60	16x10 R	2,5 g	0,8 g
04442	DL/DS 120 QS 60	16x16 R	2,0 g	0,6 g
04460	EL/EG 60 DL/DS 120 DL/DS 160 QS 80	25x05 R	6,0 g	2,0 g
04461	EL/EG 60 DL/DS 120 DL/DS 160 QS 80	25x10 R	8,0 g	2,6 g
04462	EL/EG 60 DL/DS 120 DL/DS 160 QS 80	20x20 R	8,0 g	2,6 g

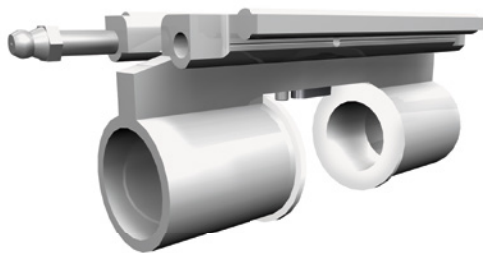
Code-No.	Type	Pitch	first greasing	re-greasing*
04463	EL/EG 60	20x05 L	5,0 g	2,0 g
04464	EL/EG 80(S)	25x25 R	10,0 g	3,0 g
04464-1	DL/DS 160	25x25 R	10,0 g	3,0 g
04480	EL/EG 80(S) EL/QS 100 DL/DS 200	32x05 R	8,0 g	3,0 g
04485	EL/EG 80(S) EL/QS 100 DL/DS 200	32x05 L	8,0 g	3,0 g
04481	EL/EG 80(S) EL/QS 100 DL/DS 200	32x10 R	11,0 g	4,0 g
04483	EL 100 DL/DS 200	32x20 R	11,8 g	4,0 g
04482	EL 100 DL/DS 200	32x32 R	12,6 g	4,0 g
04420	EL 125	40x10 R	25,0 g	8,3 g
04421	EL 125	40x20 R	29,0 g	9,6 g
04422	EL 125	40x40 R	34,0 g	011,3 g

* after approx. 500 hours

Spare parts

Spindle

Leading nut receiver



Ballscrew EL/EG

Code-No.	Type
03130	30
03140	40
03160	60(S)
03180	80(S)
03110	100
03120	125

Ballscrew DL/DS

Code-No.	Type
03163	120
03183	160
03113	200

Ballscrew QS

Code-No.	Type
03167	60
03187	80
03117	100

Trapezoidal EL/EG

Code-No.	Type
03131	30
03141	40
03161	60(S)
03181	80(S)
03111	100
03121	125

Trapezoidal DL/DS

Code-No.	Type
03168	120
03188	160
03118	200

Trapezoidal QS

Code-No.	Type
03166	60
03186	80
03116	100

1.2



Lubricants



Code-No.	Name
09001	Molyduval, 1 litre
09003	Steel oil gun for carriage rollers
09010	One hand oil gun 125cm³ (with peak und angle adapter)
09004	Steel grease gun for ballscrew
09009	regreasing adapter DLT/K 160
09012	One hand grease gun 125cm³ (with peak und angle adapter)
09002	SKF grease LGMT 2/1 (1kg)
09006	Grease gun filling device LAGF 5 (for 5kg canister)
09007	SKF grease LGMT 2/5 (5kg)
09013	Grease gun filling device LAGF 18 (for 18kg canister)
09014	SKF grease LGMT 2/18 (18kg)
09016	Grease cartridge with cannula (5ml) for DS 120

* for from outside difficult to reach nipples



Cover caps



Code-No.	Type	D	Position
04206	QL/QS 60	15	Servicing bores
04205	ELK 30	19	Bearing-block
	QL/QS 80, DL/DS 120		Servicing bores
	QL 60		Carriage
04235	ELZ 30	28	Pulley-block
	ELT/K 40, EGT/K 40		Bearing-block
	DL/DS 160		Servicing bores
	QL 80 - 100		Carriage
04245	ELZ 40, ELHZ 60, ELVZ 60	37	Pulley-block
04265	ELZ/MLZ 60, ELHZ 80, ELVZ80, DLZ 120, QLZ/QSZ 60	47	Pulley-block
04285	ELZ/MLZ 80, ELHZ 100, ELVZ 100, DLZ/DSZ 160, QLZ/QSZ 80	68	Pulley-block
04215	ELZ/MLZ 100, DLZ/DSZ 200, QLZ/QSZ 100	90	Pulley-block
04225	ELZ 125 / QS 125	110	Pulley-block
042650	D 120, Q 60	32	Bearing-block
042850	D 160, Q 80	40	Bearing-block
042150	D 200, Q 100	52	Bearing-block

Spare parts

Toothed belt

Toothed belt

Toothed belts are available by the meter. Temperature resistant from -10 °C to 50 °C, please call outside this Temperature range our technical service.



Belt with steel reinforcement PU HP PAZ

Code No.	Type	Toothed belt
00531	ELZ 30	3M 12
00532	ELZ 40	5M 15
00534	ELZ/ML 60 (S)	5M 25
00536	ELZ/ML 80 (S)	8M 30
00538	ELZ/ML 100	8M 50
00540	ELZ 125	8M 70

00531	ELZG 30	3M 12
00532	ELZG 40	5M 15
00534	ELZG 60 (S)	5M 25
00536	ELZG 80 (S)	8M 30

00542	ELZZ 60 (S)	5M 09
00543	ELZZ 80 (S)	8M 12
00544	ELZZ 100	8M 20
00536	ELZZ 125	8M 30

00546	ALLZ 203	8M 100
00546	ALLZ 204	8M 100

00534	DLZ / DSZ 120	5M 25
00536	DLZ / DSZ 160	8M 30
00538	DLZ / DSZ 200	8M 50
00538	DLZ / DSZ 160 HD	8M 50
00540	DLZ / DSZ 200 HD	8M 70

00534	QLZ / QSZ 60	5M 25
00536	QLZ / QSZ 80	8M 30
00538	QLZ / QSZ 100	8M 50
00540	QSZ 125	8M 70
00534	DSZPVI 120	5M 25
00536	DSZPVI 160	8M 30
00538	DSZPVI 200	8M 50

00547	LLZ 60	5M 30
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Code-No length in mm

00534	5000
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Sample ordering code:
Belt 5M 25, PU HP PAZ, 5m long

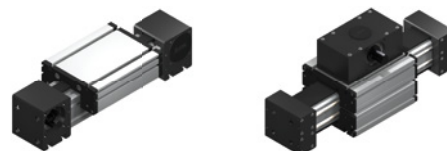
Belt with kevlar-reinforcement PU PAZ

Code No.	Type	Toothed belt
005341	DLVZ 120	5M 25
005341	DLVZ 160	5M 25

005341	ELHZ / ELVZ 60	5M 25
005341	ELHZ / ELVZ 80 (S)	5M 25
005451	ELHZ / ELVZ 100	8M 48
005381	ELHZ / ELVZ 125	8M 50

00531	ELZU 30	3M 12
005321	ELZU 40	5M 15
005341	ELZU 60 (S)	5M 25
005361	ELZU 80 (S)	8M 30
005381	ELZU 100	8M 50

005321	ELZI 30	5M 15
005341	ELZI 40	5M 25
005361	ELZI 60	8M 30



Ex - protection ATEX PU HP PAZ PAR antistatic

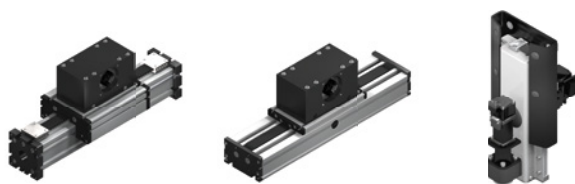
Code No.	Type	Toothed belt
00532EX	ELZ 40	5M 15
00534EX	ELZ 60/60S	5M 25
00536EX	ELZ 80/80S	8M 30
00538EX	ELZ 100	8M 50
00540EX	ELZ 125	8M 70
00536EX	ELFZ 60 S	8M 30
00538EX	ELFZ 80 S	8M 50
00540EX	ELFZ 100	8M 70
00546EX	ELFZ 125	8M 100

Spare parts

Toothed belt

Toothed belt

Toothed belts are available by the meter. Temperature resistant from -10 °C to 50 °C, please call outside this Temperature range our technical service.



1.2



Ω - redirection pulley block Kevlar-reinforcement PU PAZ		
Code No.	Type	Toothed belt
005361	ELFZ 60 S	8M 30
005381	ELFZ 80 S	8M 50
005401	ELFZ 100	8M 70
005461	ELFZ 125	8M 100

Stainless steel linear units Kevlar-reinforcement PU PAZ		
Code No.:	Type	Toothed belt
005341	QLZE / QSZE 60	5M 25
005361	QLZE / QSZE 80	8M 30
005381	QLZE / QSZE 100	8M 50
005401	QLZE 125	8M 70

00531	ELSZ 30	3M 12
005321	ELSZ 30 HD	5M 15
005321	ELSZ / ELSD 40	5M 15
005341	ELSZ / ELSD 40 HD	5M 25
005341	ELSZ / ELSD 60 (S)	5M 25
005361	ELSZ / ELSD 60 (S) HD	8M 30
005361	ELSZ / ELSD 80 (S)	8M 30
005381	ELSZ / ELSD 80 (S) HD	8M 50
005381	ELSZ / ELSD 100	8M 50
005401	ELSZ / ELSD 100 HD	8M 70
005401	ELSZ 125	8M 70
005461	ELSZ 125 HD	8M 100

005341	DSZPVIE 120	5M 25
005361	DSZPVIE 160	8M 30
005381	DSZPVIE 200	8M 50

005471	LLZE 60	5M 30
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005321	QSSZ 60	5M 15
005341	QSSZ 80	5M 25

00531	HDU 12	3M 12
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005362	DSZS 160 (PU HF PAZ)	8M 30
005361	DLSZ 120	8M 30
005381	DLSZ 160	8M 50
005401	DLSZ 200	8M 70
005361	DSSZ 120	8M 30
005381	DSSZ 160	8M 50
005401	DSSZ 200	8M 70

005341	ELZT 40	5M 25	Main belt
00532	ELZT 40	5M 15	Rotating belt
005361	ELZT 60 (S)	8M 30	Main belt
00534	ELZT 60 (S)	5M 25	Rotating belt
005381	ELZT 80 (S)	8M 50	Main belt
00536	ELZT 80 (S)	8M 30	Rotating belt
005401	ELZT 100	8M 70	Main belt
00538	ELZT 100	8M 50	Rotating belt

Spare parts

Pulley

Toothed pulleys

1.2



coupling claw on one side



coupling claws on both sides



shaft on one side



shaft on both sides

Pulley size 30-80 bronzed steel, size 100 hard-coated aluminium. Coupling claws compatible with Rotex GS system.

	Code No.		Code No.					
Size	Coupling claw on one side	Coupling claw on both sides	Shaft on one side	Shaft on both sides	Belt	Number of teeth	mm/ rev.	Coupling Rotex
ELZ / ELSZ / MLZ with standard belt								
30	04010	04020	04828	04829	3M12	25	75	7
40	04011	04021	04830	04831	5M15	20	100	9
60(S)	04012	04022	04832	04833	5M25	26	130	14
80(S)	04013	04023	04834	04835	8M30	24	192	19
100	04014	04024	04836	04837	8M50	32	256	24
125	04015	04025	04838	04839	8M70	38	304	28
ELSZ with widened belt								
30	04011	04021	04830	04831	5M15	20	100	9
40	04012	04022	04832	04833	5M25	26	130	14
60(S)	04013	04023	04834	04835	8M30	24	192	19
80(S)	04014	04024	04836	04837	8M50	32	256	24
100	04015	04025	04838	04839	8M70	38	304	28
125	040150	-	-	-	8M100	38	304	-
ELZG								
30	04820	04821	04840	04841	3M12	40	120	7
40	04822	04823	04842	04843	5M15	32	160	9
60(S)	04824	04825	04844	04845	5M25	44	220	14
80(S)	04826	04827	04846	04847	8M30	40	320	19
ELSD with standard belt								
40	04011	04021	04830	04831	5M15	20	100	9
60(S)	04012	04022	04832	04833	5M25	26	130	14
80(S)	04013	04023	04834	04835	8M30	24	192	19
100	04014	04024	04836	04837	8M50	32	256	24
ELSD with widened belt								
40	04012	04022	04832	04833	5M25	26	130	14
60(S)	04013	04023	04834	04835	8M30	24	192	19
80(S)	04014	04024	04836	04837	8M50	32	256	24
100	04015	04025	04838	04839	8M70	38	304	28
ELZU								
30	04010	04020	04828	04829	3M12	25	75	7
40	04011	04021	04830	04831	5M15	20	100	9
60(S)	04012	04022	04832	04833	5M25	26	130	14
80(S)	04013	04023	04834	04835	8M30	24	192	19

Spare parts

Pulley

Toothed pulleys

1.2



	Code No.		Code No.					
Size	Coupling claw on one side	Coupling claw on both sides	Shaft on one side	Shaft on both sides	Belt	Number of teeth	mm/ rev.	Coupling Rotex
ELZT internal belt								
40	04011				5M15	20	100	9
60(S)	04012				5M25	26	130	14
80(S)	04013				8M30	24	192	19
100	04014				8M50	32	256	24
ELZT external belt								
40	04012	04022	04832	04833	5M25	26	130	14
60(S)	04013	04023	04834	04835	8M30	24	192	19
80(S)	04014	04024	04836	04837	8M50	32	256	24
100	04015	04025	04838	04839	8M70	38	304	28
DLZ / DSZ								
DLZ/DSZ 120	04012	04022	04832	04833	5M25	26	130	14
DLZ/DSZ 160	04852	04853	04848	04849	8M30	22	176	19
DLZ/DSZ 200	04854	04855	04850	04851	8M50	28	224	24
DLZT / DSZT internal belt								
120	04012				5M25	26	130	14
DLZT / DSZT external belt								
120	04013	04023	04834	04835	8M30	24	192	19
QLZ / QSZ								
60	04012	04022	04832	04833	5M25	26	130	14
80	04852	04853	04848	04849	8M30	22	176	19
100	04854	04855	04850	04851	8M50	28	224	24
QLSZ / QSSZ								
80	04012	04022	04832	04833	5M25	26	130	14
LLZ								
60	—	04868	04869	—	5M30	26	130	14



two shafts short



one shaft long



two shafts long

	Code No.						
Size	Two shafts short	One shaft long	Two shafts long	Belt	Number of teeth	mm/ rev.	Coupling Rotex
ELHZ / ELVZ							
60(S)	04026	04860	04861	5M25	16	80	14
80(S)	04027	04862	04863	5M25	22	110	19
100	04028	04864	04865	8M50	18	114	24
125	04029	04866	04867	8M50	24	192	28

Spare parts

Pulley Plug in Shaft Tensioning set

Toothed pulleys



Coupling claw on one side



Shaft on one side

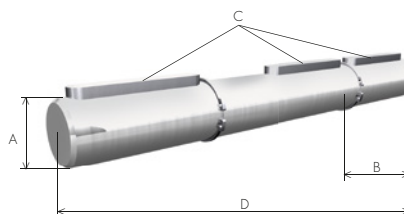
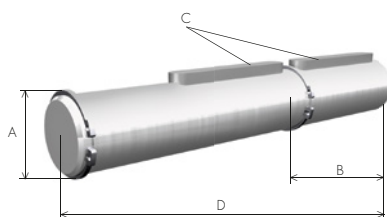


Shafts on both sides

	Code No.						
Size	Coupling claw on one side	Shaft on one side	Shaft on both sides	Belt	Number of teeth	mm/ rev.	Coupling Rotex
ELZZ							
60(S)	04856	048561	048562	5M09	26	130	14
80(S)	04857	048571	048572	8M12	24	192	19
100	04858	048581	048582	8M20	32	256	24
125	04859	048591	048592	8M30	38	304	28

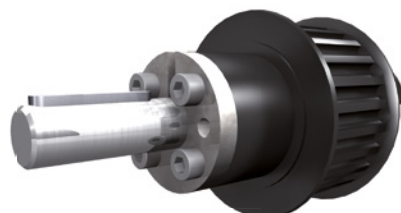
Plug-in shaft for pulleys

Plug-in shaft made of stainless steel, complete with key and locking rings for retrofitting.



Shaft on one side							Shaft on both sides						
Code-No.	Type	Size	A _{h7}	B	C	D	Code-No.	Type	Size	A _{h7}	B	C	D
04030	ELZ/ELSZ	30	6	15	2x2x12	57	04040	ELZ/ELSZ	30	6	15	2x2x12	72
04031	ELZ/ELSZ	40	10	27	3x3x25	85	04041	ELZ/ELSZ	40	10	27	3x3x25	112
04032	ELZ/ELSZ/MLZ	60	14	35	5x5x28	115	04042	ELZ/ELSZ QLZ/QSZ	60	14	35	5x5x28	150
	DLZ/DSZ DLZT/DSZT	120						DLZ/DSZ DLZT/DSZT	120				
04033	ELZ/ELSZ/MLZ	80	18	45	6x6x40	145	04043	ELZ/ELSZ QLZ/QSZ	80	18	45	6x6x40	190
	DLZ/DSZ	160						DLZ/DSZ	160				
	DLSZ/DSSZ	120						DLSZ/DSSZ	120				
04034	ELZ/ELSZ/MLZ	100	22	45	6x6x40	175	04044	ELZ/ELSZ	100	22	45	6x6x40	220
	DLSZ	160						DLSZ	160				
04035	ELZ	125	30	45	8x7x40	215	04045	ELZ	125	30	45	8x7x40	270

Tensioning set for sizes EL 100 - 125, DL/DS 200, ML / QL / QS 100



Code-No.	Type	Tension ring
00472	EL/ML 100 DL/DS 200 QL/QS 100	22 x 32
00476	E 125	30 x 41

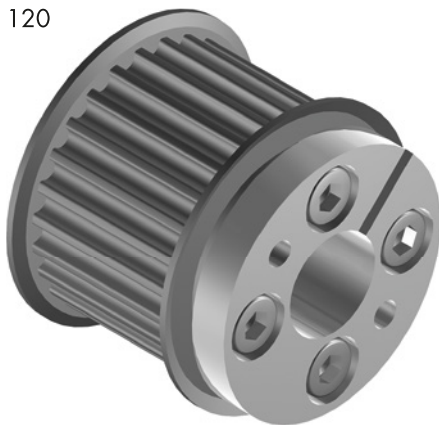
Spare parts

Pulley with integrated tension set D 120, 160, 200

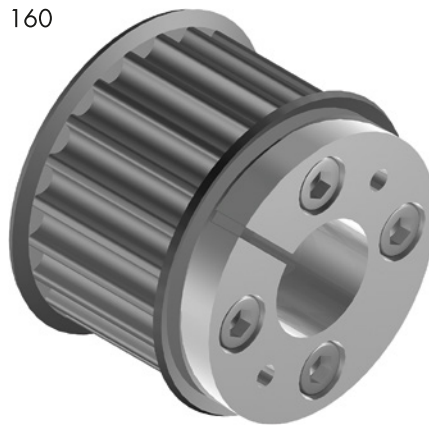
Dimensions (mm)

1.2

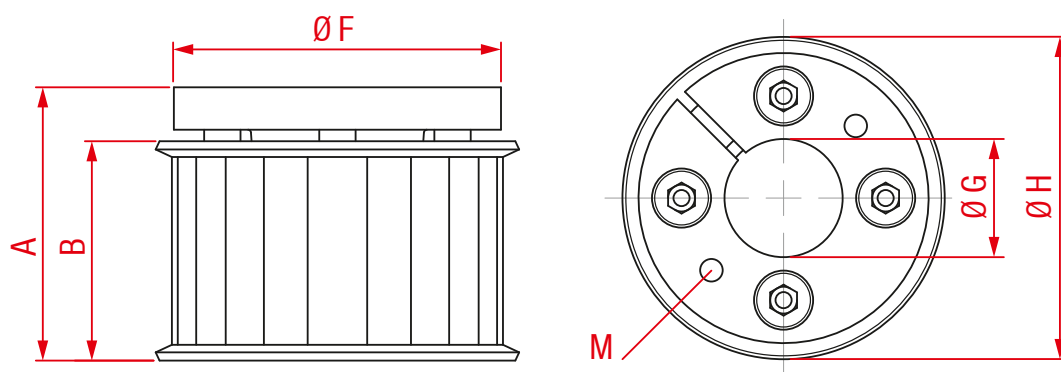
120



160



200



Type	Standard Code-No.	stainless Code-No.	A	B	Ø F	Ø G	Ø H
D 120	04873	04874	39	30	41	16	46
D 160	04875	04876	45	36,2	54	22	60
D 200	04877	04878	67,5	57,2	62	32	79

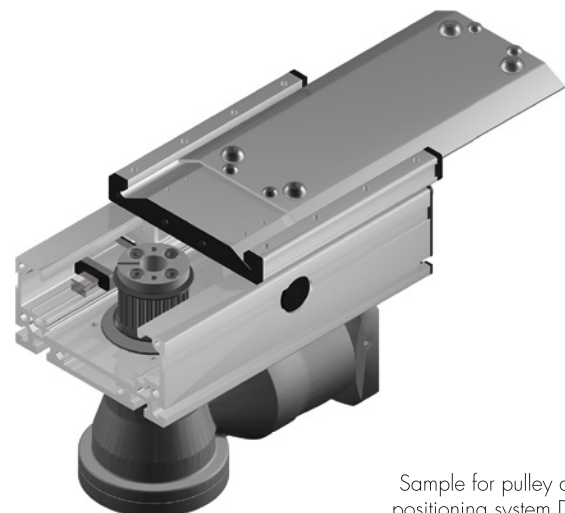
Belt type	Number of teeth
HTD 5M 25	26
HTD 8M 30	22
HTD 8M 50	28

M = Dismounting thread

Type	Clamping screws			Torque / axial force	
	M	z Number	T _A [Nm]	T [Nm]	F _{ax} [N]
D 120	M5	4	10	148	19 000
D 160	M6	4	17	244	22 000
D 200	M6	8	17	689	43 000

Function:

Pulley with integrated tension set for positioning systems DSZPVI and DSZPVIE. In order to realize a simple and fast assembling we reduced the number of parts. Each tension set has got two dismounting threads in order to disassemble the pulley easily.



Sample for pulley assembling - positioning system DSZPVI 120

Spare parts

Belt adjusters

Belt adjuster ELZ / MLZ

ELZ

MLZ

Code-No.	Type	Material
04060	30	Zinc coated steel
04061	40	Zinc coated steel
04062	ELZ 60(S)	Zinc coated steel
040621	MLZ 60(S)	Zinc coated steel
04063	ELZ 80(S)	Zinc coated steel
040631	MLZ 80(S)	Zinc coated steel
04064	ELZ 100	Zinc coated steel
040641	MLZ 100	Zinc coated steel
04065	125	Zinc coated steel

Belt adjuster ELSZ

Code-No.	Type	Material
04071	30/40	Zinc coated steel
04076	30/40	Nickel faced steel
04072	60(S)	Zinc coated steel
04077	60(S)	Nickel faced steel
04073	80(S)	Zinc coated steel
04078	80(S)	Nickel faced steel
04074	100	Zinc coated steel
04079	100	Nickel faced steel
04075	125	Zinc coated steel
04070	125	Nickel faced steel

Belt adjuster ELHZ

Code-No.	Type	Material
04080	60(S)	Black anodized Al and zinc coated steel
04081	80(S)	Black anodized Al and zinc coated steel
04082	100	Black anodized Al and zinc coated steel
04083	125	Black anodized Al and zinc coated steel

Belt adjuster ELVZ

Code-No.	Type	Material
04090	60(S)	Black anodized Al and zinc coated steel
04091	80(S)	Black anodized Al and zinc coated steel
04092	100	Black anodized Al and zinc coated steel
04093	125	Black anodized Al and zinc coated steel

Belt adjuster

DLZ
DSZ

DLSZ
DSSZ

QLZ
QSZ

Code-No.	Type	Material
04084	DLZ/DSZ 120	Nature anodized Al and zinc coated steel
04086	DLZ/DSZ 160	Nature anodized Al and zinc coated steel
04085	DLZ/DSZ 200	Nature anodized Al and zinc coated steel
04066	DLSZ 120	Zinc coated steel
04067	DLSZ/DSSZ 160	Zinc coated steel
04087	QLZ/QSZ 60	Nature anodized Al
04088	QLZ/QSZ 80	Nature anodized Al
04089	QLZ/QSZ 100	Nature anodized Al
04094	QSZ 125	Nature anodized Al