

Shafts .

drylin® shafts from stock ...



Configure shafts online ...








Machining service ...

plastics for longer life®

igus®.eu.

www.igus.eu/shafts

Suitable liner materials:

						
	The All-rounder – iglidur® J	The specialist – iglidur® J200	The extreme – iglidur® X	The endurance runner – iglidur® E7	The FDA-compliant – iglidur® A180	Blue Sky Thinking FDA/EU-compliant – iglidur® A160
Potential counter partner	All shaft materials	Hard anodised aluminium	Hardened stainless steel	Steel/stainless steel shaft	All shaft materials	Stainless steel
Application temperature	-50 up to +90°C	-50 up to +90°C	-100°C up to +250°C	-50°C up to +70°C	-50 up to +90°C	-50 up to +90°C
Best coefficient of friction with	Steel shaft	Hard anodised aluminium	Hard chrome steel	Steel/stainless steel shaft	Stainless steel shaft	Hardened stainless steel shafts
Maximum service life with	Hard anodised aluminium	Hard anodised aluminium	Hardened stainless steel	Steel/stainless steel shaft	Stainless steel shaft	Hardened stainless steel shafts
Permissible stat. surface pressure	35MPa	23MPa	150MPa	18MPa	28MPa	15MPa
Moisture absorption	1.3% weight	0.7% weight	0.5% weight	< 0.1% weight	0.2% weight	< 0.1% weight
Volume resistance	> 10 ¹³ Ωcm	> 10 ⁸ Ωcm	< 10 ⁵ Ωcm	> 10 ⁹ Ωcm	> 10 ¹² Ωcm	> 10 ¹² Ωcm
More information	www.igus.eu/J	www.igus.eu/J200	www.igus.eu/X	www.igus.eu/E7	www.igus.eu/A180	www.igus.eu/A160

Available shaft materials:

Aluminium


- Ideal in combination with liners made from iglidur® J/J200
- Lightweight
- Low wear
- Corrosion-resistant
- Available from stock

Steel

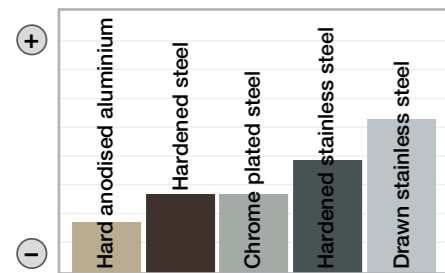
- E7 liners for up to 8 times longer service life
- Cost-effective standard
- High load capacity
- Dry area applications
- Hard chrome plated also available
- Lower coefficient of friction against polymer bearings

Stainless steel

- A180/A160 liners for food and pharmaceutical applications
- High corrosion resistance
- High chemical resistance
- Ideal solution for wet applications
- 316 stainless steel for extremely chemical intensive applications

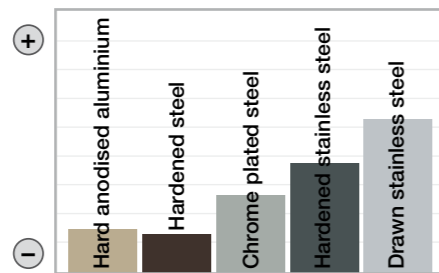
 Service life can be calculated online
 ► www.igus.eu/drylin-expert

Wear



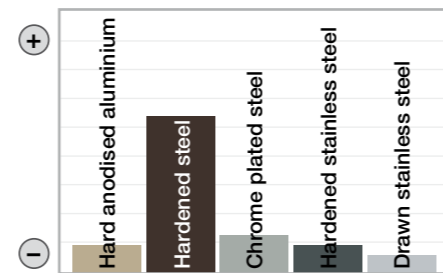
igidur® J against particular shaft materials

Coefficient of friction



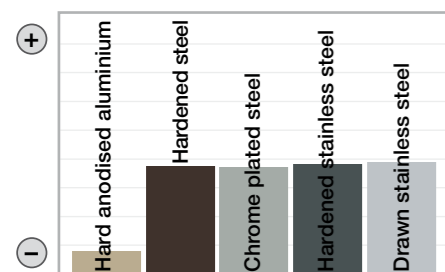
igidur® J against particular shaft materials

Corrosion



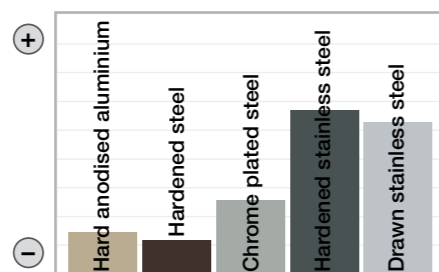
igidur® J against particular shaft materials

Weight



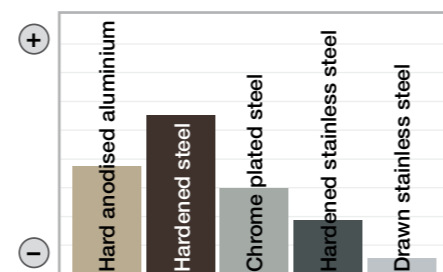
igidur® J against particular shaft materials

Cost



igidur® J against particular shaft materials

Chemical charge



igidur® J against particular shaft materials

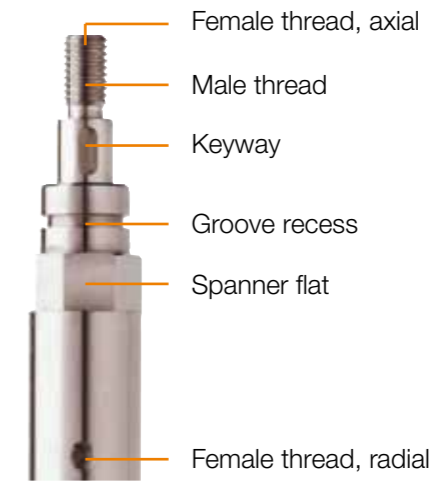
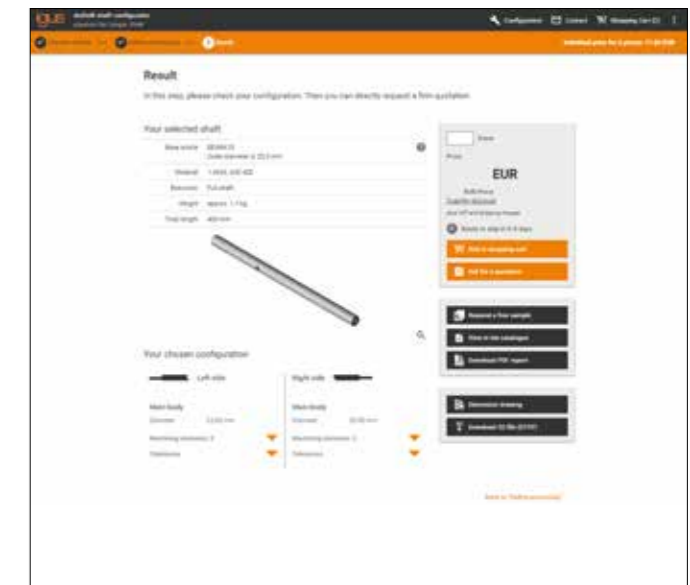
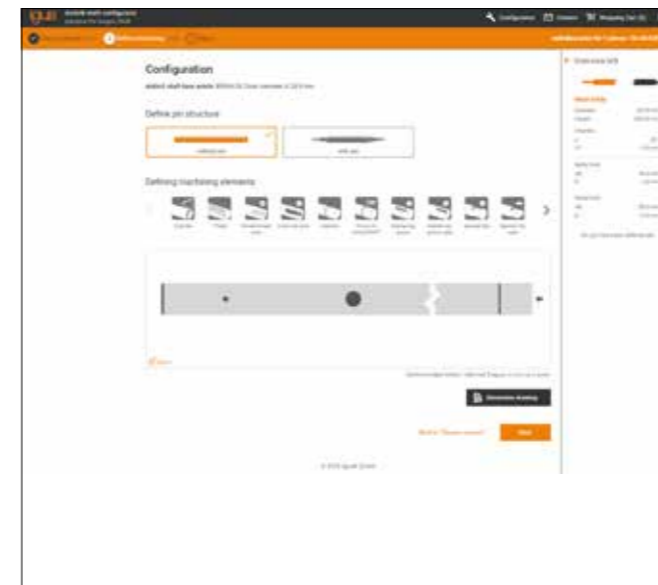


Configurator for guide shafts:
 guide shafts with machining – anyone can configure online

With this online tool, guide shafts with and without machining can be individually configured and ordered. Fast and easy with no previous CAD experience. All in all, the tool makes it possible to order 7 shaft materials with Ø 6 to 50mm. Order online, delivered quickly.

- Add chamfers with just one click
- Offset machined end possible
- Radial and axial holes, with or without female thread
- With plausibility check
- Live price display

► www.igus.eu/shaft-configurator



Special machining

All shafts can be individually machined. Please send us your drawing. We can then provide a quotation quickly.

drylin® shafts | Product range

Precision aluminium shafts

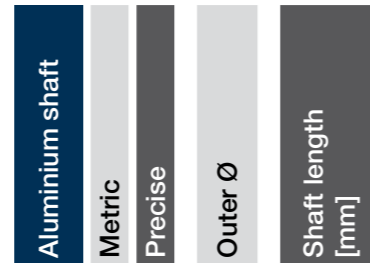


AWMR AWMP

Order key

Type Size Options

AW M P - 06 - 2000



AWMP:
Solid shaft up to
Ø25mm
Hollow shaft from
Ø30mm
AWMR: Tube

! igus® recommendation: linear plain bearings equipped with iglidur® J200 liners for the longest service life

i Hard anodised surfaces
▶ Page 4

🖱 Please contact us!
drylin® shafts can be individually machined. Please send us your drawing or configure online. We can then provide a quotation quickly.
▶ www.igus.eu/shaft-configurator

- Material: EN AW 6061/6060
- Straightness: EN 754-3
- Hardness: 75 HB
- Surface: hard anodised
- Hardness: up to 550 HV
- Imperial shafts available upon request

Dimensions [mm]

Part No.	Design	Outer Ø	Tolerance	Insulation thickness	Inner Ø	Max. length	Weight [kg/m]
AWMP-06	Solid shaft	6	h8	–	–	3,000	0.08
AWMP-08	Solid shaft	8	h8	–	–	3,000	0.14
AWMP-10	Solid shaft	10	h8	–	–	3,000	0.22
AWMP-12	Solid shaft	12	h8	–	–	3,000	0.32
AWMR-12	Tube	12	h8	2	8	3,000	0.17
AWMP-16	Solid shaft	16	h8	–	–	3,000	0.56
AWMR-16	Tube	16	h8	2	12	3,000	0.25
AWMP-20	Solid shaft	20	h8	–	–	3,000	0.88
AWMR-20	Tube	20	h9	2	16	3,000	0.32
AWMP-25	Solid shaft	25	h8	–	–	3,000	1.37
AWMR-25	Tube	25	h9	3	19	3,000	0.59
AWMP-30	Hollow shaft	30	h8	7.5	15	3,000	1.48
AWMPV-30	Solid shaft	30	h8	–	–	3,000	1.9
AWMP-40	Hollow shaft	40	h8	10	20	3,000	2.63
AWMPV-40	Solid shaft	40	h8	–	–	3,000	3.4
AWMP-50	Hollow shaft	50	h8	11	28	3,000	3.75
AWMP-60	Hollow shaft	60	h8	11	38	3,000	4.7

🛒 Order example:
AWMP-12-500: precision aluminium shaft, 12mm Ø, 500mm length

drylin® shafts | Product range

Supported aluminium shafts

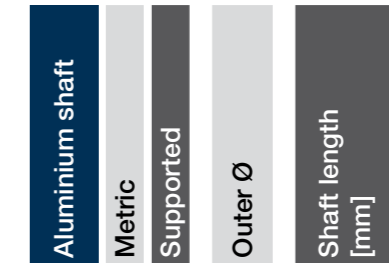


AWMU

Order key

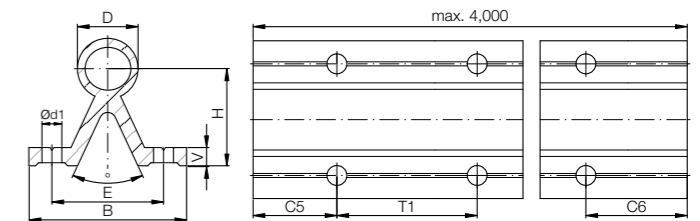
Type Size Options

AW M U - 12 - 2000



- Material: EN AW 6061/6060
- Straightness: DIN 12020
- Hardness: 75 HB
- Surface: hard anodised
- Hardness: up to 550 HV
- Symmetrical standard hole pattern C5 = C6

i Hard anodised surfaces
▶ Page 4



Dimensions [mm]

Part No.	D	B	H	V	d1	(°)	E	T1	C5/C6	Max. length	Weight [kg/m]	ly [mm²]	lz [mm²]	Wby [mm²]	Wbz [mm²]
	-0.1		±0.25				±0.25		Min. Max.						
AWMU-12	12	40	22	5	4.5	50	29	75	20 57	4,000	0.75	26,600	19,700	1,330	1,091
AWMU-16	16	45	26	5	5.5	50	33	100	20 69	4,000	1.00	40,000	39,200	1,778	1,844
AWMU-20	20	52	32	6	6.6	50	37	100	20 69	4,000	1.42	76,600	86,200	2,946	3,336
AWMU-25	25	57	36	6	6.6	50	42	120	20 79	4,000	1.81	109,800	146,700	3,853	5,103
AWMU-30	30	69	42	7	9.0	50	51	150	20 94	4,000	2.69	226,900	328,700	6,577	10,049
AWMU-40 ²⁾	40	73	50	8	9.0	50	55	200	20 119	4,000	4.06	382,100	734,800	10,468	19,160

²⁾ The tolerance for the shaft diameter D amounts -0.15

🛒 Order example:
AWMU-16-500: supported aluminium shaft, 16mm Ø, 500mm length

drylin® shafts | Product range

Standard steel shafts



SWM SWUMN SWUM

- Completely supported and mounted with standard aluminium support
- Available shaft materials:
 - ▶ Cf53 steel (AISI 1055), hardened/ground
 - ▶ Cf53 steel (AISI 1055), hard chrome
- For supported shafts:
 - ▶ Partial shaft support supplied in lengths of 600mm max.
 - ▶ Standard pitch T2, T1 also possible upon request
 - ▶ Symmetrical hole pitches C5 = C6

Order key

Type Size Options

SW M- 06 - 2000

Steel shaft
Metric
Outer Ø
Shaft length [mm]

igus® recommendation: linear plain bearings equipped with iglidur® E7 liners for 8 times longer service life

Service life can be calculated online
▶ www.igus.eu/drylin-expert

Dimensions [mm] – steel shafts 1.1213

Part No.	Outer Ø	Weight [kg/m]	Max. length	Effective hardness depth (at 1.1213)
SWM-06	6	0.222	3,000	0.8
SWM-08	8	0.359	4,000	0.9
SWM-10	10	0.617	4,000	0.9
SWM-12	12	0.888	6,000	1.0
SWM-16	16	1.578	6,000	1.2
SWM-20	20	2.466	6,000	1.6
SWM-25	25	3.853	6,000	1.8
SWM-30	30	5.549	6,000	2.0
SWM-40	40	9.865	6,000	2.2
SWM-50	50	15.413	6,000	2.4

Dimensions [mm] – hard chrome steel shafts 1.1213

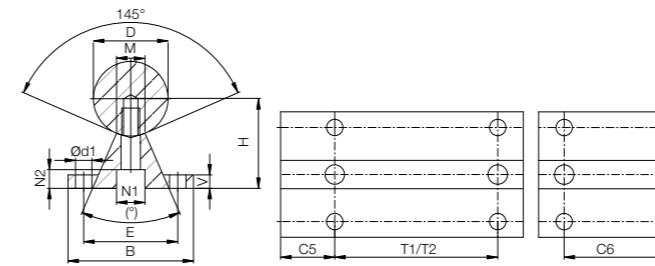
Part No.	Outer Ø	Weight [kg/m]	Max. length	Effective hardness depth (at 1.1213)
SWMH-06	6	0.222	3,000	0.8
SWMH-08	8	0.359	4,000	0.9
SWMH-10	10	0.617	4,000	0.9
SWMH-12	12	0.888	6,000	1.0
SWMH-16	16	1.578	6,000	1.2
SWMH-20	20	2.466	6,000	1.6
SWMH-25	25	3.853	6,000	1.8
SWMH-30	30	5.549	6,000	2.0
SWMH-40	40	9.865	6,000	2.2
SWMH-50	50	15.413	6,000	2.4

Order example:
SWM-16-500: steel shaft 16mm Ø 1.1213, 500mm in length

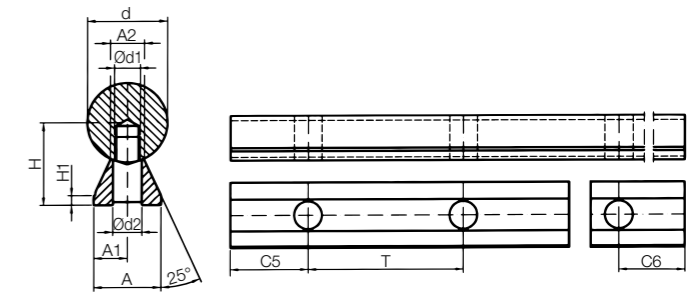
drylin® shafts | Product range

Supported standard steel shaft

SWUM



SWUMN



Please contact us!

drylin® shafts can be individually machined. Please send us your drawing or configure online. We can then provide a quotation quickly.

▶ www.igus.eu/shaft-configurator

Dimensions [mm] – supported steel shafts 1.1213

Part No.	D	B	H	V	N1	N2	d1	M	(°)	E	T1	C5/C6	T2	C5/C6	Weight		
			±0.02								±0.15	Min. Max.	Standard	Min. Max.	[kg/m]		
												for T1	Standard	for T2			
SWUM-12	12	40	22	5	8.0	5.0	4.5	5.8	50	29	75	20	57	120	20	79	1.75
SWUM-16	16	45	26	5	9.5	6.0	5.5	7.0	50	33	100	20	69	150	20	94	2.64
SWUM-20	20	52	32	6	11.0	6.5	6.6	8.3	50	37	100	20	69	150	20	94	3.97
SWUM-25	25	57	36	6	14.0	8.5	6.6	10.8	50	42	120	20	79	200	20	119	5.65
SWUM-30	30	69	42	7	17.0	10.5	9.0	11.0	50	51	150	20	94	200	20	119	7.93
SWUM-40	40	73	50	8	17.0	10.5	9.0	15.0	50	55	200	20	119	300	20	169	12.88
SWUM-50	50	84	60	9	19.0	12.5	11.0	19.0	46	63	200	20	119	300	20	169	19.60

Dimensions [mm] – supported steel shafts 1.1213

Part No.	d	H	H1	A	A1	A2	d1	d2	T	C5/C6	Weight	
			±0.02			±0.02				Min. Max.	[kg/m]	
SWUMN-12	12	14.5	3	11	5.5	5.4	M4	4.5	75	20	57	1.62
SWUMN-16	16	18	3	14	7.0	7.0	M5	5.5	75	20	57	2.54
SWUMN-20	20	22	3	17	8.5	8.1	M6	6.6	75	20	57	3.81
SWUMN-25	25	26	3	21	10.5	10.3	M8	9.0	75	20	57	5.62
SWUMN-30	30	30	3	23	11.5	11.0	M10	11.0	100	20	69.5	7.63
SWUMN-40	40	39	4	30	15.0	15.0	M12	13.5	100	20	69.5	13.47
SWUMN-50	50	46	5	35	17.5	19.0	M14	15.5	100	20	69.5	20.31

Low level supported shafts are delivered unmounted.

Order example:
SWUM-16-500: supported steel shaft 16mm ø made from 1.1213, 500mm length

drylin® shafts | Product range

Stainless steel shafts



EWM

EEWM

EWMR



igus® recommendation: linear plain bearings equipped with iglidur® E7 liners for 8 times longer service life



Please contact us!

drylin® shafts can be individually machined. Please send us your drawing or configure online. We can then provide a quotation quickly.

► www.igus.eu/shaft-configurator

Dimensions [mm] – hardened stainless steel AISI 440B

Part No.	Outer Ø	Weight [kg/m]	Max. length	Effective hardness depth
EWM-06	6	0.222	3,000	0.8
EWM-08	8	0.359	4,000	0.9
EWM-10	10	0.617	4,000	0.9
EWM-12	12	0.888	6,000	1.0
EWM-16	16	1.578	6,000	1.2
EWM-20	20	2.466	6,000	1.6
EWM-25	25	3.853	6,000	1.8
EWM-30	30	5.549	6,000	2.0
EWM-40	40	9.865	6,000	2.2
EWM-50	50	15.413	6,000	2.4

drylin® shafts | Product range

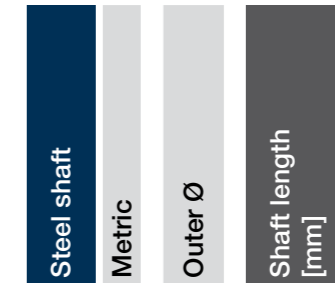
Materials: AISI 440B, AISI 420C, AISI 304, AISI 316Ti



Order key

Type Size Options

EW M- 06 - 2000



Available shaft materials

- AISI 440B, hardened/ground ► EWM
- AISI 420C, hardened/ground ► EEWM
- AISI 304, drawn ► EWMR
- AISI 316Ti, drawn ► EWMS

Dimensions [mm] – hardened stainless steel AISI 420C

Part No.	Outer Ø	Weight [kg/m]	Max. length	Effective hardness depth
EEWM-06	6	0.222	3,000	0.8
EEWM-08	8	0.359	4,000	0.9
EEWM-10	10	0.617	4,000	0.9
EEWM-12	12	0.888	6,000	1.0
EEWM-16	16	1.578	6,000	1.2
EEWM-20	20	2.466	6,000	1.6
EEWM-25	25	3.853	6,000	1.8
EEWM-30	30	5.549	6,000	2.0
EEWM-40	40	9.865	6,000	2.2
EEWM-50	50	15.413	6,000	2.4

Dimensions [mm] – stainless steel AISI 304 (EWMR) or AISI 316Ti soft stainless steel (EWMS)

Part No.	Outer Ø	Weight [kg/m]	Max. length	
EWMR-06	EWMS-06	6	0.222	3,000
EWMR-08	EWMS-08	8	0.359	3,000
EWMR-10	EWMS-10	10	0.617	3,000
EWMR-12	EWMS-12	12	0.888	3,000
EWMR-16	EWMS-16	16	1.578	3,000
EWMR-20	EWMS-20	20	2.466	3,000
EWMR-25	EWMS-25	25	3.853	3,000
EWMR-30	EWMS-30	30	5.549	3,000
EWMR-40	EWMS-40	30	5.549	3,000
EWMR-50		30	5.549	3,000



Order example:

EWM-16-500: Stainless steel shaft (AISI 440B) with 16mm Ø, 500mm in length

drylin® shafts | Product range

Supported stainless steel shafts

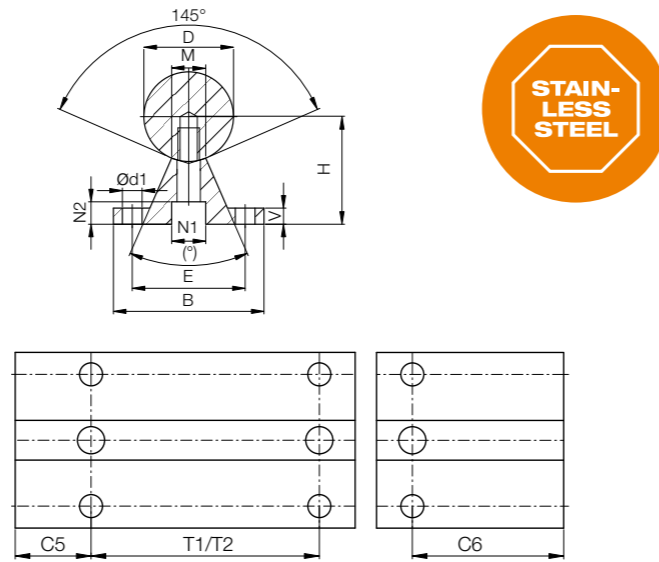


EWUM

! igus® recommendation: linear plain bearings equipped with iglidur® E7 liners for 8 times longer service life

🖱️ Service life can be calculated online
▶ www.igus.eu/drylin-expert

- Completely supported and mounted with standard aluminium support
- For supported shafts:
 - ▶ Shaft support supplied in lengths of 600mm max.
 - ▶ Standard pitch T2, T1 also possible upon request
 - ▶ Symmetrical hole pitches C5 = C6



Dimensions [mm] – supported stainless steel shafts AISI 440B

Part No.	D	B	H	V	N1	N2	d1	M	(°)	E	T1	C5/C6		T2	C5/C6		Weight [kg/m]
												Min.	Max.		Min.	Max.	
	±0.02										±0.15	for T1	Standard		for T2	Standard	
EWUM-12	12	40	22	5	8.0	5.0	4.5	5.8	50	29	75	20	57	120	20	79	1.75
EWUM-16	16	45	26	5	9.5	6.0	5.5	7.0	50	33	100	20	69	150	20	94	2.64
EWUM-20	20	52	32	6	11.0	6.5	6.6	8.3	50	37	100	20	69	150	20	94	3.97
EWUM-25	25	57	36	6	14.0	8.5	6.6	10.8	50	42	120	20	79	200	20	119	5.65
EWUM-30	30	69	42	7	17.0	10.5	9.0	11.0	50	51	150	20	94	200	20	119	7.93
EWUM-40	40	73	50	8	17.0	10.5	9.0	15.0	50	55	200	20	119	300	20	169	12.88
EWUM-50	50	84	60	9	19.0	12.5	11.0	19.0	46	63	200	20	119	300	20	169	19.60

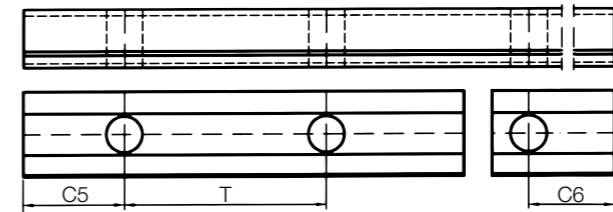
🛒 Order example:
EWUM-16-500-T1: supported stainless steel shaft (AISI 440B) with 16mm outer Ø, 500mm length, T1 pitch

drylin® shafts | Product range

Low level supported stainless steel shafts



EWUMN



🔑 Order key

Type	Size	Options
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EWUMN- 20 - 2000 - T1

Low level supported stainless steel shaft, metric	Outer Ø	Shaft length [mm]	Hole pattern
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EWUM: Supported stainless steel shaft
EWUMN; Low level supported stainless steel shaft

Available materials and lengths:
AISI 440B, max. 6,000mm

Hole pattern:
T2: T2 pitch (standard)
T1: T1 pitch (upon request)

Dimensions [mm] – low level supported stainless steel shafts AISI 440B

Part No.	Outer Ø d	H ±0.02	H1	A	A1	A2 ±0.02	d1	d2	T	C5/C6		Weight [kg/m]
										Min.	Max.	
EWUMN-12	12	14.5	3	11	5.5	5.4	M4	4.5	75	20	57	1.62
EWUMN-16	16	18	3	14	7.0	7.0	M5	5.5	75	20	57	2.54
EWUMN-20	20	22	3	17	8.5	8.1	M6	6.6	75	20	57	3.81
EWUMN-25	25	26	3	21	10.5	10.3	M8	9.0	75	20	57	5.62
EWUMN-30	30	30	3	23	11.5	11.0	M10	11.0	100	20	69.5	7.63
EWUMN-40	40	39	4	30	15.0	15.0	M12	13.5	100	20	69.5	13.47
EWUMN-50	50	46	5	35	17.5	19.0	M14	15.5	100	20	69.5	20.31

Low level supported shafts are delivered unmounted.

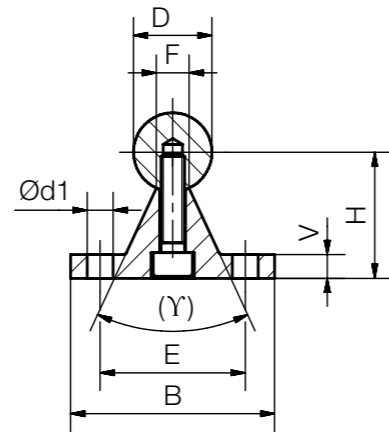
🛒 Order example:
EWUMN-16-500: low level supported stainless steel shaft (AISI 440B), 16mm outer Ø, 500mm length

drylin® shafts | Product range

Partially supported stainless steel shafts



EWUM-ES/
EWUMS-ES



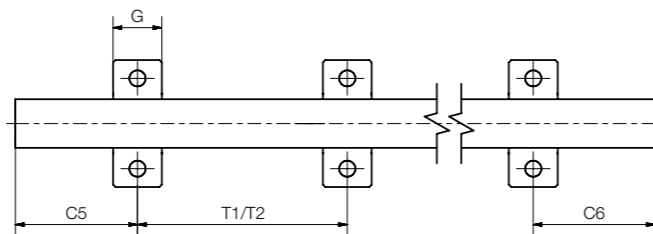
! igus® recommendation: linear plain bearings equipped with iglidur® E7 liners for 8 times longer service life

🖱️ Service life can be calculated online
▶ www.igus.eu/drylin-expert

Standard shaft support blocks made of stainless steel

● Connection sizes are identical to aluminium supports

▶ Page 6



Dimensions [mm] – partially supported stainless steel shafts AISI 440B

Part No.	D h6	B	H ±0.02	V	d1	E	γ	F	G	T1	C5/C6 for T1		T2 Standard	C5/C6 for T2	
											Min.	Max.		Min.	Max.
EWUM-ES-12	12	40	22	5	4.5	29	–	5.8	14	75	20	57	120	20	79
EWUM-ES-16	16	45	26	5	5.5	33	–	7.0	16	100	20	69	150	20	94
EWUM-ES-20	20	52	32	6	6.6	37	50°	8.3	20	100	20	69	150	20	94
EWUM-ES-25	25	57	36	6	6.6	42	–	10.8	25	150	20	79	200	20	119
EWUM-ES-30	30	69	42	7	9.0	51	–	11.0	25	150	20	94	200	20	119
EWUM-ES-40	40	73	50	8	9.0	55	–	15.0	25	200	20	119	300	20	169

🛒 Order example:

EWUM-ES-20-500, partially supported stainless steel shaft (shaft and support made of stainless steel), AISI 440B material, T2 pitch, outer Ø 20mm, L = 500mm

drylin® shafts | Product range



🔑 Order key

Type Size Options

EWUMS-ES-20-500-T2

Partially supported stainless steel shaft, metric	Material	Outer Ø	Shaft length [mm]	Hole pattern
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Available materials and lengths:

AISI 440B, max. 6,000mm

▶ EWUM

AISI 316Ti, max. 3,000mm

▶ EWUMS

Options:

Blank: AISI 440B material

S: AISI 316Ti

Hole pattern:

T2: T2 pitch (standard)

T1: T1 pitch

Dimensions [mm] – partially supported stainless steel shafts AISI 316Ti

Part No.	D h6	B	H ±0.02	V	d1	E	γ	F	G	T1	C5/C6 for T1		T2 Standard	C5/C6 for T2	
											Min.	Max.		Min.	Max.
EWUMS-ES-12	12	40	22	5	4.5	29	–	5.8	14	75	20	57	120	20	79
EWUMS-ES-16	16	45	26	5	5.5	33	–	7.0	16	100	20	69	150	20	94
EWUMS-ES-20	20	52	32	6	6.6	37	50°	8.3	20	100	20	69	150	20	94
EWUMS-ES-25	25	57	36	6	6.6	42	–	10.8	25	150	20	79	200	20	119
EWUMS-ES-30	30	69	42	7	9.0	51	–	11.0	25	150	20	94	200	20	119
EWUMS-ES-40	40	73	50	8	9.0	55	–	15.0	25	200	20	119	300	20	169

🛒 Order example:

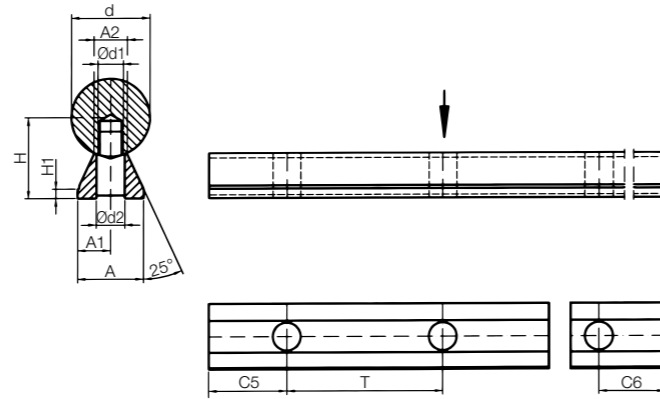
EWUM-ES-20-500, partially supported stainless steel shaft (shaft and support made of stainless steel), AISI 316Ti material, T1 pitch, outer Ø 20mm, L = 500mm

drylin® shafts | Product range

Low level partially supported stainless steel shafts



EWUMN-ES/
EWUMSN-ES



! igus® recommendation: linear plain bearings equipped with iglidur® E7 liners for 8 times longer service life

🖱️ Service life can be calculated online
▶ www.igus.eu/drylin-expert

Low level shaft support blocks made of stainless steel

● Connection sizes are identical to low-level aluminium supports ▶ [Page 7](#)

Dimensions [mm] – low level partially supported stainless steel shafts AISI 440B

Part No.	d	H ±0.02	H1	A	A1	A2	d1	d2	T	C5/C6		Weight [kg/m]
										Min.	Max.	
EWUMN-ES-12	12	14.5	3	11	5.5	5.4	M4	4.2	75	20	57.0	1.00
EWUMN-ES-16	16	18.0	3	14	7.0	7.0	M5	5.2	75	20	57.0	1.76
EWUMN-ES-20	20	22.0	3	17	8.5	8.1	M6	6.2	75	20	57.0	2.77
EWUMN-ES-25	25	26.0	3	21	10.5	10.3	M8	8.2	75	20	57.0	4.35
EWUMN-ES-30	30	30.0	3	23	11.5	11.0	M10	10.2	100	20	69.5	6.01
EWUMN-ES-40	40	39.0	4	30	15.0	15.0	M12	12.5	100	20	69.5	10.80

Low-level partially supported stainless steel shafts are supplied unassembled

🛒 Order example:
EWUMN-ES-20-500: low level partially supported stainless steel shafts. AISI 440B material, T2 pitch (standard), 20mm outer Ø, 500mm length

drylin® shafts | Product range



🔑 Order key

Type	Size	Options
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EWUMSN-ES- 20 -500-T2

Partially supported stainless steel shaft, metric	Material	Outer Ø	Shaft length [mm]	Hole pattern
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Available materials and lengths:

AISI 440B, max. 6,000mm

▶ EWUMN

AISI 316Ti, max. 3,000mm

▶ EWUMSN

Dimensions [mm] – low level partially supported stainless steel shafts AISI 316Ti

Part No.	d	H ±0.02	H1	A	A1	A2	d1	d2	T	C5/C6		Weight [kg/m]
										Min.	Max.	
EWUMSN-ES-12	12	14.5	3	11	5.5	5.4	M4	4.2	75	20	57.0	1.00
EWUMSN-ES-16	16	18.0	3	14	7.0	7.0	M5	5.2	75	20	57.0	1.76
EWUMSN-ES-20	20	22.0	3	17	8.5	8.1	M6	6.2	75	20	57.0	2.77
EWUMSN-ES-25	25	26.0	3	21	10.5	10.3	M8	8.2	75	20	57.0	4.35
EWUMSN-ES-30	30	30.0	3	23	11.5	11.0	M10	10.2	100	20	69.5	6.01
EWUMSN-ES-40	40	39.0	4	30	15.0	15.0	M12	12.5	100	20	69.5	10.80

Low-level partially supported stainless steel shafts are supplied unassembled

🛒 Order example:
EWUMSN-ES-20-500-T2: low-level partially supported stainless steel shaft. AISI 316Ti material, T2 pitch, outer Ø 20mm, length 500mm

drylin® shafts | Product range

Carbon fibre shafts



CWM

- Material: CFK composite
- Roundness tolerance: ± 0.05mm
- Diameter tolerance: -0.1mm
- Application temperature: max. +80°C
- Colour: Black

Order key

Type Size Options

CWM-12-1000

Carbon fibre shaft	Metric	Outer Ø	Shaft length [mm]
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Dimensions [mm]

Part No.	Design	Outer Ø	Inner Ø	Max. length	Weight [g]
CWM-12	Hollow shaft	-0.1	-0.1	2,000	70
CWM-16	Hollow shaft	16	9.0	2,000	120
CWM-20	Hollow shaft	20	12.5	2,000	170
CWM-30	Hollow shaft	30	16.0	2,000	270

 **Order example:**
CWM-16-500: carbon fibre shaft, 16mm outer Ø, 500mm length

drylin® shafts | Product range

Accessories



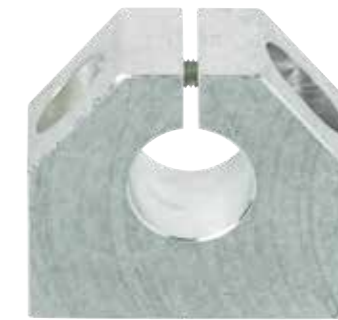
TA
Shaft end supports, floating
Material: aluminium
Threaded fixing hole



TAF
Shaft end supports, fixed
Material: aluminium
Through fixing hole



WA
Shaft end blocks, standard design
Material: aluminium




WAC
Shaft end blocks, compact design
Material: aluminium



WAS
Shaft end blocks, narrow design
Material: aluminium



WAF
Flanged shaft end block
Material: aluminium

 More information and extensive accessories for drylin® shafts can be found online.
▶ www.igus.eu/shaft-fastening

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