

## Accessories for drylin® drive technology



Absolute freedom from lubricants

Displacement indicator

Hand wheels in many versions

Lead screw clamps

Angular drives for customized operating directions

## drylin® Drive Technology | Accessories

An extensive list of accessories is available for many drylin® drive units to perform manual adjustments quickly and conveniently. When directly configuring the linear unit with the order, the units are shipped completely assembled. Any subsequent reconfiguration may result in the lead screw having to be exchanged because the lead screw ends may be too short.



Many options of hand wheels  
(diameter, types of handles, ...)

Displacement indicators for  
different pitches and directions.

A lead screw clamp secures the lead  
screw against unintentional movement

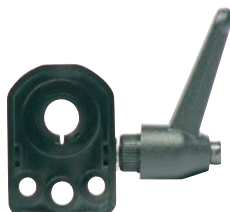
Angular drives for continuously  
adjustable operation



## Position Indicator

- Direct read-out of the carriage position for the lead screw unit
- Bore reducers included to enable fitting to the entire product line

► page 1068



## Lead screw Clamp

- For clamping of the lead screw
- Provides a mechanical brake to the lead screw
- Material: plastic housing with aluminum shaft clamp

► page 1069



## Hand Wheel

- Hand wheel: defined standard for complete systems
- Different outer-diameters available
- Different handles available

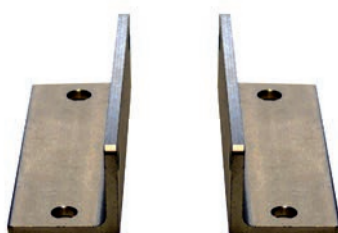
► page 1069



## V-drive

- 360° continuously adjustable
- Fixing of setting angle with clamp
- Small flange saves installation space

► page 1070



## Angle kit

- Angle kit for series SHT
- For 3-axis-systems XYZ
- Material: Stainless Steel
- 2 different sizes (12 and 20)

► page 1072



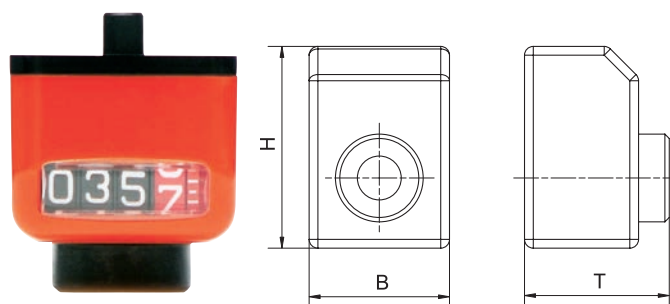
## Flexshaft

- Optional offset operation of the drylin® linear modules
- Controls can be positioned independently
- Available in length 500 and 1,000 mm
- Can be combined with other accessories,

► page 1073

## Position indicator

To keep downtime to a minimum and make adjustments quickly and precisely, the indicator is used to create reproducible values. These can be shipped from stock for almost any linear unit in the matching pitch, in the required counting and viewing direction and in a variety of colors.



- Plastic digital indicator for adjustment and direct reading of slide position
- 4-digit counter (red digit indicates tenths)
- Can be combined with hand clamps and hand wheels
- Reduction sleeves included



### Order key

**SHT-P3-A-2-DX-O**



- Housing colour  
O = Orange (Standard)
- Direction of rotation  
DX = clockwise  
SX = anti clockwise
- Pitch
- Display orientation
- Size  
Standard

## Installation options



0 degrees    90 degrees    180 degrees    270 degrees

## Display orientation



**A\***

\* Standard

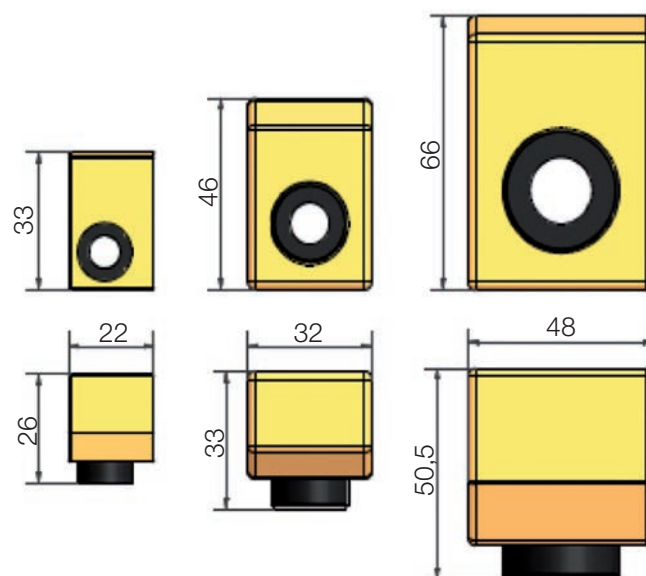
**B (optional)**

for vertical fitting position:  
display turned 180

## Dimensions [mm]

Pitch	for lead screw	Display after 1 rotation	Type
1,25	M8 x 1.25	001.25	P1
1,5	TR8x1.5	001.5	P1
2	TR 10 x 2	002.0	P3
3	TR 10 x 3; TR 12 x 3	003.0	P3
4	TR 18 x 4; TR 14 x 4	004.0	P3
5	TR 24 x 5	005.0	P3
	TR26x5	005.0	P6
6	TR30x6	006.0	P6
12	10 x 12	012.0	P3
15	8x15	015.0	P1
50	10 x 50	005.0	P3
100	18 x 100	001.0	P3

The pitch depends on the lead screw used.



**P1**

SLW-0630  
SHTP-01-06

**P3**

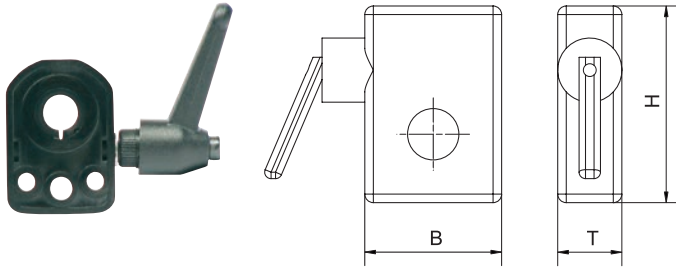
all other  
linear tables

**P6**

SHTC-40  
SHTC-50

## Lead screw clamp

Linear modules with trapezoidal threads are equipped with a self locking mechanism. Many applications call for an additional clamping option as an additional safeguard against unintentional movement.



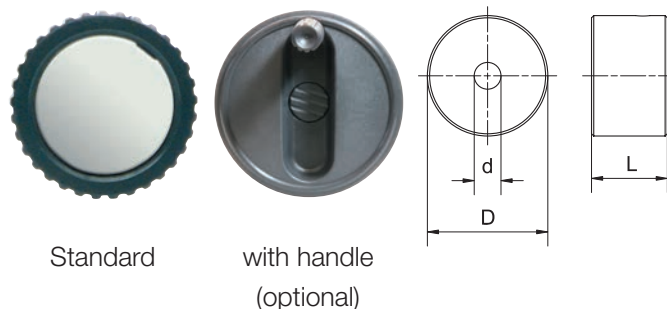
- Shaft clamping flange for attachment to the position indicator and subsequent mounting on the lead screw
- Provides a mechanical brake to the lead screw
- Material: plastic housing with aluminum shaft clamp
- Colour: black

## Dimensions [mm]

Part number	SHT-HK-12	SHT-HK-16	SHT-HK-20	SHT-HK-30
Lead screw	10	14	18	24
Dimensions (B x H x T)	32 x 46 x 15	32 x 46 x 15	32 x 46 x 15	32 x 46 x 15

## Hand wheel

We have an extensive selection of hand-wheels available to ship from stock for the most varied requirements. These range from small compact sizes up to ø 125 with/without grips, and in various configurations.



Standard

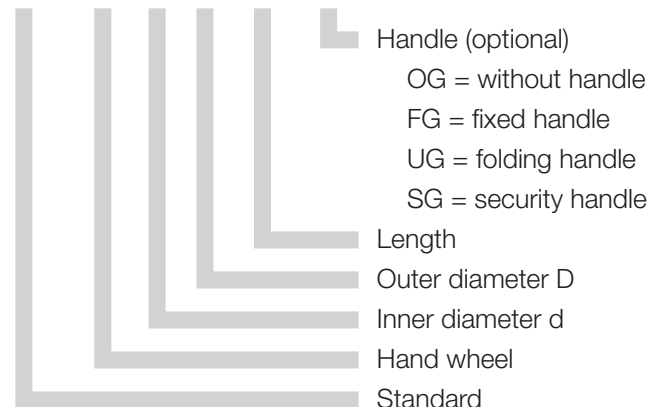
with handle  
(optional)

- Hand wheel: defined standard for complete systems
- Different handles available
- Different diameters available



## Order key

### SHT-HR-8-27-17-OG



## Dimensions [mm]

d	D	L	OG	FG	UG	SG*
8	27	17	●	—	—	—
10	27	17	●	—	—	—
12	42	23	●	—	—	—
14	42	23	●	—	—	—
6	50	52	—	●	—	—
8	80	75	—	●	●	●

d	D	L	OG	FG	UG	SG*
10	80	75	—	●	●	●
12	80	75	—	●	●	●
12	125	109	—	●	●	●
14	125	109	—	●	●	●
16	120	109	—	●	●	●
20	120	109	—	●	●	●

\* The automatic panning will return on release

## V-drive

In addition to safety technology aspects, limited operating space requires drylin® drives to be operated with flexibility and ease. We provide a product line of continuously adjustable angular drives for adjustment options from a defined direction. For manual adjustments, the angular drives can also be configured with position indicator, clamp and hand-wheel, and are shipped pre-assembled. Angular drives with keyed/grooved shafts are available for motor interfaces with increased torque transfers.

### V-drives WT-3



Angular drive with hand-wheel, cursor and lead screw clamp (optional)

- Flexible adjusting to your installation scenario with continuously variable adjustment (can be oscillated 360°)
- Motor or manual operation
- Max. torque 3 Nm
- Clamping using set screw
- Ø 12 mm h7 output shaft
- Compatible with drylin® linear modules SHT/SHTC (installation sizes 12 and 20) and SLW-1040, - 1660 and - 2080
- SHT-30 on request
- Position indicator, lead screw clamp, hand wheel available

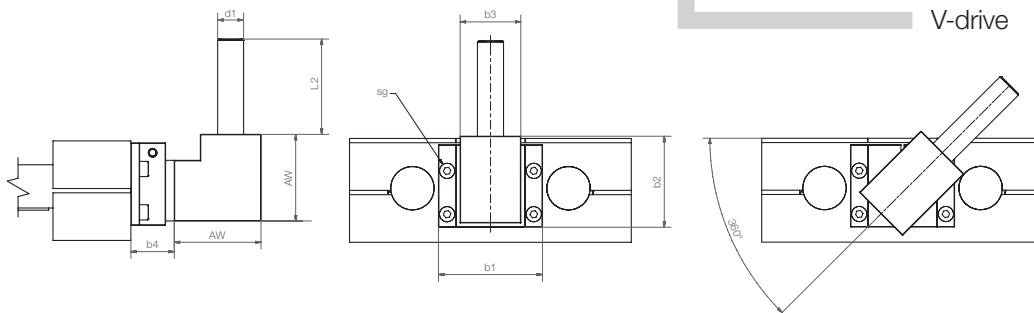
► page 1068



#### Order key

#### WT-3100

- 00 without
- 10 HR
- 20 PA
- 30 PA-HR
- 40 HK
- 50 HK-HR
- 60 HK-PA
- 70 HK-PA-HR
- Ready for use with drylin® linear slide table:
- 0: SHT/SHTC-12
- 1: SHT/SHTC-20
- 2: SHT-30
- 5: SLW-1040/-1080
- 6: SLW-1660
- 7: SLW-2080
- Type of angular drive
- 1: WT1
- 3: WT3
- 4: WT4
- V-drive



### Dimensions [mm]

Part number	I*	AW	b1	b2	b3	b4	L2	d1	sg
WT-3000   3100   3500	1:1	40	48	42	28	20	26	12	M4
WT-3600   3700	1:1	40	48	42	28	30	26	12	M4

\* gear ratio



delivery from stock  
time



## New: Heavy Duty V-drive WT-4



drylin® angular drives provide for a maximum of positioning flexibility. The form fitting connection can give a maximum torque of up to 6 Nm.

- Flexible adjusting to your installation scenario with continuously variable adjustment (can be oscillated 360°)
- Motor or manual operations
- Max. torque 6 Nm through coupling
- Fixed using feather key groove
- Base shaft Ø14 mm h7 with size
- Compatible with drylin® SHT/SHTC/SLW (installation sizes 16, 20 and 30)
- Position indicator, lead screw clamp, hand wheel available

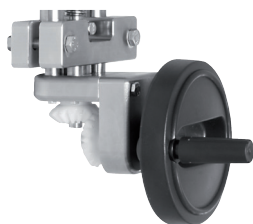
► page 1068

### Dimensions [mm]

Part number	I*	AW	b1	b2	b3	b4	L2	d1	sg
WT-4000   4100   4200   4700 <b>New!</b>	1:1	60	52	51	48	23	26	14	M4
WT-4600 <b>New!</b>	1:1	60	52	51	48	33	26	14	M4

\* gear ratio

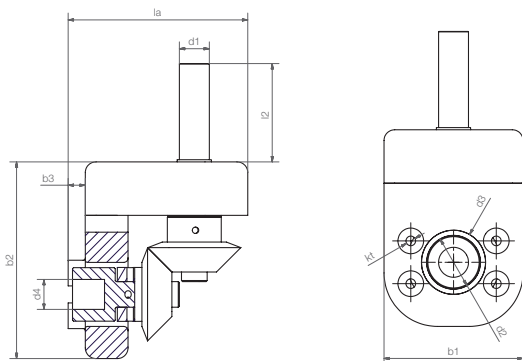
## Hygienic-Design-angular drive WT-1



angular drive with hand wheel  
(optional)

Following the idea of “Hygienic Design” the V-drive is available as maintenance-free and washable stainless steel/ polymer system.

- Lubrication-free
- Max. torque 3 Nm
- Single parts made of stainless steel
- Easy to clean with water
- Compatible with drylin® SHTC-20-EWM-HYD ► page 1031
- Position indicator, lead screw clamp, hand wheel available ► page 1068



### Dimension [mm]

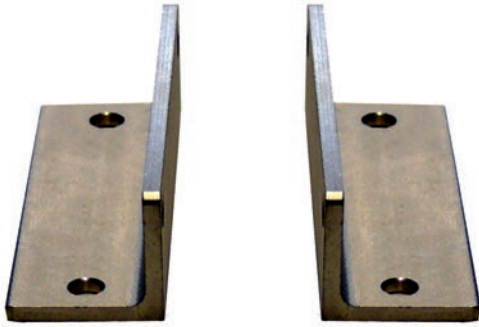
Part number	I*	la	kt	b1	b2	b3	d4	L2	d1	d2	d3	sg
WT-1100	1:1	84	4.5	65	92	8	8	26	14	25	30	M4

\* gear ratio



**delivery**  
**time** on request

## Stainless steel angle kit for linear modules, XZ-axis



Order key

**SHT-WS-12**



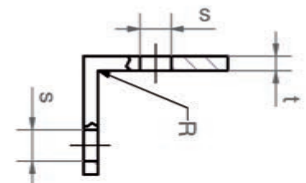
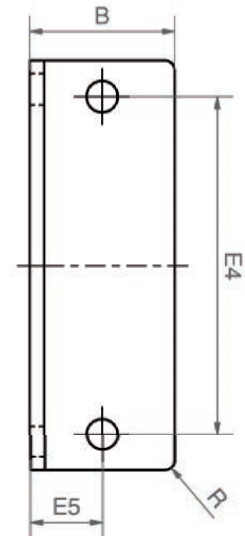
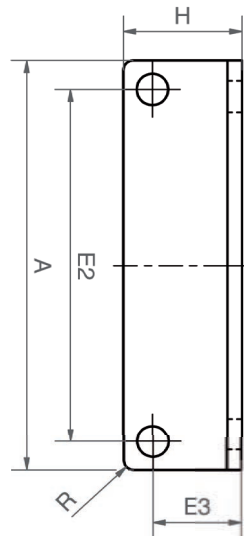
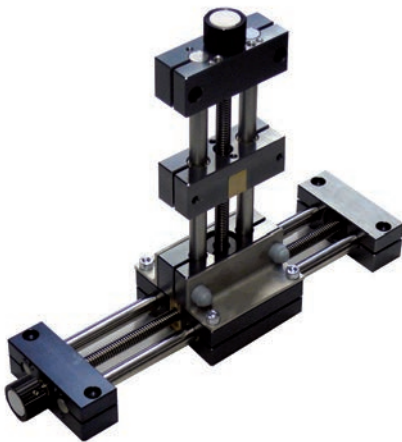
Dimension

Angle kit

Standard

drylin® SHT-WS is the new angle kit for the SHT linear sliding tables range. Stainless steel angle brackets for the dimensions 12 and 20 make any combination possible.

- Two different sizes
- Can be combined with all drylin® linear slide tables SHT/SHTC/SHTS in the dimensions 12 and 20



### Dimensions [mm]

Part number.	A	H	B	E2	E3	E4	E5	s	t
SHT-WS-12	85	26.5	30	73	20.5	70	15	6.5	3
SHT-WS-20	130	36	35	108	18	115	35	8.5	5



**delivery** 2-8 days  
**time**



## Flexshaft

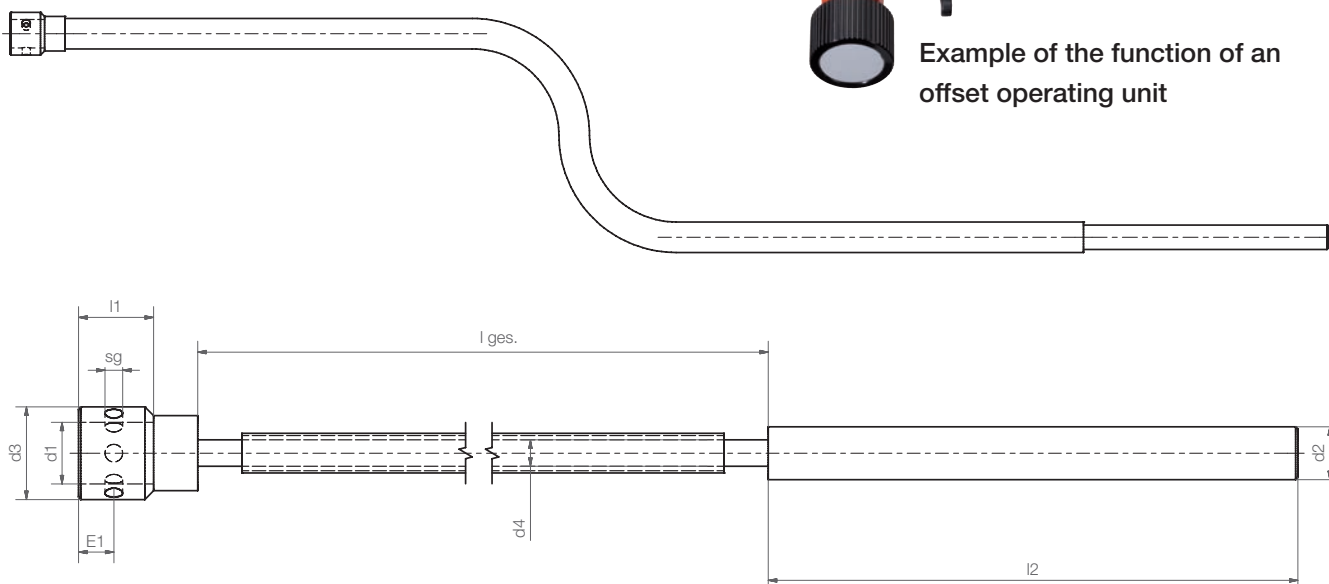


The ideal complement to drylin® linear modules. The flexshaft enables the positioning of the hand wheel independent of the installation position of the linear unit. Distance of 500 mm and offset by 85°? No problem!

- 2 lengths (500 + 1,000 mm)
- For all journal diameters (10, 12, 14 mm)
- Flexible installation
- Space saving
- Can be combined with a bearing block ► **page 980**
- Position indicator, lead screw clamp, hand wheel available  
► **page 1068**



Example of the function of an offset operating unit



## Dimensions [mm]

Part number	d1	d2	d3	d4	sg	E1	l1	l2	l ges.	T max [Nm]	min. bending radius
								max.			
FS-06-500-Z12X120-AA <b>New!</b>	14H7	12h7	21	6	M4	8	17	120	500	1.8	70
FS-08-1000-Z12X120-AA <b>New!</b>	14H7	12h7	21	8	M4	8	17	120	1,000	2.7	90



delivery  
time

from  
stock