

Two different types of depth extensions are available:

- Depth extension with transfer pin (TV)
- Depth extension without transfer pin (TVT)

TV depth extensions can be used for measuring depths of up to several meters, depending on the model. Most of the depth extensions are temperature stabilised.

This means that temperature fluctuations, e.g. resulting from hand warmth, do not have a noticeable effect on the measuring results. It is important to ensure that the depth extension may not bend during the measuring process, as this will result in measuring errors. Only size TV8 (7, 8) and larger depth extensions are used in combination.

The TV4 extension has 2 different connection threadings (adapter function). Depth extensions TV4 through TV15 are also available with additional pressure springs. This feature may be useful where a BMD with a longer extension is used in overhead work (the weight of the pressure pin counteracts the gauging pressure of the indicator) requiring increased total gauging pressure.

The spring can also be installed separately. Order suffix: F e.g. TV15-500-F  
Type TVT depth extensions are suitable for use with probes only. The probe is clamped directly to the BMD using EH10-61-T28 (15) holders. The power cable is fed through the extension.

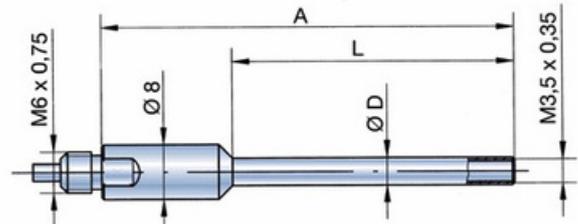
## TV4 (3.8)

### Series 4 depth extensions

TV4 depth extensions are designed for use with BMD series 4. These depth extensions cannot be used in combination. They are equipped with two different threads and thus also function as adapters (Series 4 to Series 6).

All series 4 depth extensions are temperature stabilized.

The TV4 is suitable for automatic measurement only under certain conditions.



| Ø D | L  | A  | Order Code |
|-----|----|----|------------|
| 3.8 | 64 | 79 | TV3.8-64   |
| 4.0 | 25 | 40 | TV4-25     |
| 4.0 | 35 | 50 | TV4-35     |
| 4.0 | 50 | 65 | TV4-50     |
| 4.0 | 64 | 79 | TV4-64     |
| 4.0 | 80 | 95 | TV4-80     |

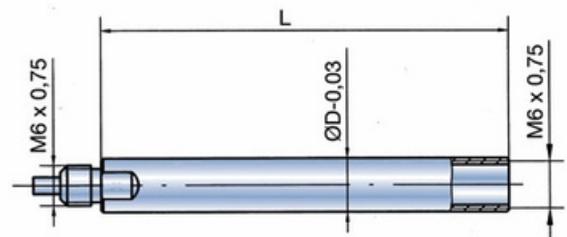
| Ø D | L    | A    | Order Code |
|-----|------|------|------------|
| 4.0 | 100  | 115  | TV4-100    |
| 4.0 | 125  | 140  | TV4-125    |
| 4.0 | 250  | 275  | TV4-250    |
| 4.0 | 500  | 525  | TV4-500    |
| 4.0 | 750  | 775  | TV4-750    |
| 4.0 | 1000 | 1025 | TV4-1000   |

## TV8 (7.8)

### Series 6 depth extensions

TV extensions with L = 80 and above are temperature stabilized. Multiple extensions can be used in combination.

Select model L-TV8 for use with BMD with air supply. The same dimensions apply: Example L-TV8-64



| Ø D | L  | Order Code |
|-----|----|------------|
| 7.8 | 20 | TV7.8-20   |
| 7.8 | 30 | TV7.8-30   |
| 7.8 | 40 | TV7.8-40   |
| 7.8 | 50 | TV7.8-50   |
| 7.8 | 64 | TV7.8-64   |

| Ø D | L  | Order Code |
|-----|----|------------|
| 8.0 | 20 | TV8-20     |
| 8.0 | 30 | TV8-30     |
| 8.0 | 40 | TV8-40     |
| 8.0 | 50 | TV8-50     |
| 8.0 | 64 | TV8-64     |
| 8.0 | 64 | TV8-h5-64  |
| 8.0 | 80 | TV8-80     |

| Ø D | L   | Order Code |
|-----|-----|------------|
| 8.0 | 100 | TV8-100    |
| 8.0 | 125 | TV8-125    |
| 8.0 | 125 | TV8-h5-125 |
| 8.0 | 250 | TV8-250    |
| 8.0 | 500 | TV8-500    |

## TV15

### Series 10 depth extensions

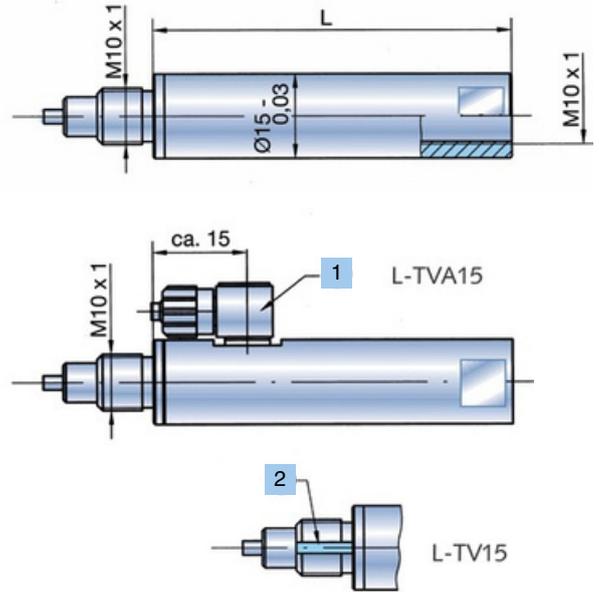
These depth extensions are temperature stabilized. Multiple extensions can be used in combination.

With air supply:

The TV15 for BMD with air supply is available in 2 versions:

1. with lateral air connection for hose internal  $\varnothing$  3,0  
Order Code L-TVA15
2. with air connection in threading  
Order Code L-TV15 (from L-TV15-80)

| L   | Order Code | L   | Order Code |
|-----|------------|-----|------------|
| 45  | TV15-45    | 125 | TV15-125   |
| 64  | TV15-64    | 250 | TV15-250   |
| 80  | TV15-80    | 500 | TV15-500   |
| 100 | TV15-100   |     |            |



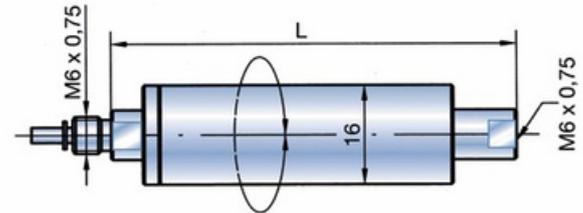
## TV64-D

### Rotary adapter for series 6

The rotary adapter enables the BMD to rotate by 360° in the bore. The measured value display remains fixed in place.

Application:  
bore roundness testing.

| L  | Order Code |
|----|------------|
| 36 | TV36-D     |
| 64 | TV64-D     |



## TV15-70-D

### Rotary adapter for series 10

Same principle as TV64-D. With M10 x 1 connection thread.

Longer size on request.

Order Code TV15-70-D

