



#### REF 101

##### TRACOE *comfort* Tracheostomy Tube

Including: ♦ neck strap



#### REF 102

##### TRACOE *comfort* Tracheostomy Tube

Including: ♦ inner cannula with low profile  
♦ neck strap



#### REF 102-D

##### TRACOE *comfort* Tracheostomy Tube

Including: ♦ 2 inner cannulas with low profile  
♦ neck strap



#### REF 106-D

##### TRACOE *comfort* Laryngectomy Tube

Including: ♦ 2 inner cannulas with low profile  
♦ neck strap

For patients whose larynx has been removed.





**REF 201 | XL**

**TRACOE *comfort* XL Tracheostomy Tube**

Including: ♦ neck strap



**REF 202 | XL**

**TRACOE *comfort* XL Tracheostomy Tube**

Including: ♦ inner cannula with low profile  
♦ neck strap

For permanent wearers and patients with tracheal stenosis.



**REF 202-D | XL**

**TRACOE *comfort* XL Tracheostomy Tube**

Including: ♦ 2 inner cannulas with low profile  
♦ neck strap

For permanent wearers and patients with tracheal stenosis.





**REF 103**



**TRACOE *comfort* Tracheostomy Tube**  
fenestrated

Including: ♦ inner cannula, fenestrated, with slide-on speaking valve type A (silver valve holder)  
♦ inner cannula with low profile  
♦ neck strap

For tracheostomised patients with fully or partially intact larynx, for speaking.



**REF 103-O**



**TRACOE *comfort* Tracheostomy Tube**  
fenestrated with oxygen supply port attached to the inner cannula

Including: ♦ inner cannula, fenestrated, with slide-on speaking valve type A (silver valve holder) and oxygen supply port  
♦ inner cannula with low profile  
♦ neck strap

For tracheostomised patients with fully or partially intact larynx, for speaking. Made upon order.



**REF 103-A**



**TRACOE *comfort* Tracheostomy Tube**  
fenestrated

Including: ♦ inner cannula, fenestrated, with slide-on speaking valve type A (silver valve holder)  
♦ inner cannula with 15mm connector  
♦ inner cannula with low profile  
♦ neck strap

For tracheostomised patients with fully or partially intact larynx, for speaking.




**REF 203** **XL** 
**TRACOE *comfort* XL Tracheostomy Tube**  
 fenestrated

Including: ♦ inner cannula, fenestrated, with slide-on speaking valve type A (silver valve holder)  
 ♦ inner cannula with low profile  
 ♦ neck strap

For tracheostomised patients with fully or partially intact larynx for speaking or e. g. with tracheal stenosis.


**REF 203-O** **XL** 
**TRACOE *comfort* XL Tracheostomy Tube**  
 fenestrated with oxygen supply port attached to the inner cannula

Including: ♦ inner cannula, fenestrated, with slide-on speaking valve type A (silver valve holder) and oxygen supply port  
 ♦ inner cannula with low profile  
 ♦ neck strap

For tracheostomised patients with fully or partially intact larynx for speaking or e. g. with tracheal stenosis. Made upon order.


**REF 203-A** **XL** 
**TRACOE *comfort* XL Tracheostomy Tube**  
 fenestrated

Including: ♦ inner cannula, fenestrated, with slide-on speaking valve type A (silver valve holder)  
 ♦ inner cannula with 15mm connector  
 ♦ inner cannula with low profile  
 ♦ neck strap

For tracheostomised patients with fully or partially intact larynx for speaking or e. g. with tracheal stenosis.





**REF 103-A-O**



**TRACOE *comfort* Tracheostomy Tube**

fenestrated with oxygen supply port attached to the inner cannula

- Including:
- ◆ inner cannula, fenestrated, with slide-on speaking valve type A (silver valve holder) and oxygen supply port
  - ◆ inner cannula with 15mm connector
  - ◆ inner cannula with low profile
  - ◆ neck strap

For tracheostomised patients with fully or partially intact larynx, for speaking. Made upon order.



**REF 104**



**TRACOE *comfort* Tracheostomy Tube**

fenestrated

- Including:
- ◆ inner cannula, fenestrated, with swivel speaking valve type B
  - ◆ inner cannula with low profile
  - ◆ neck strap

For tracheostomised patients with fully or partially intact larynx, for speaking.



**REF 104-O**



**TRACOE *comfort* Tracheostomy Tube**

fenestrated with oxygen supply port attached to the inner cannula

- Including:
- ◆ inner cannula, fenestrated, with swivel speaking valve type B and oxygen supply port
  - ◆ inner cannula with low profile
  - ◆ neck strap

For tracheostomised patients with fully or partially intact larynx, for speaking. Made upon order.




**REF 204** **XL** 
**TRACOE *comfort* XL Tracheostomy Tube**  
 fenestrated

- Including:
- ◆ inner cannula, fenestrated, with swivel speaking valve type B
  - ◆ inner cannula with low profile
  - ◆ neck strap

For tracheostomised patients with fully or partially intact larynx for speaking or e. g. with tracheal stenosis.


**REF 204-O** **XL** 
**TRACOE *comfort* XL Tracheostomy Tube**  
 fenestrated with oxygen supply port attached to the inner cannula

- Including:
- ◆ inner cannula, fenestrated, with swivel speaking valve type B and oxygen supply port
  - ◆ inner cannula with low profile
  - ◆ neck strap

For tracheostomised patients with fully or partially intact larynx for speaking or e. g. with tracheal stenosis.  
 Made upon order.





REF 104-A



**TRACOE *comfort* Tracheostomy Tube**  
fenestrated

- Including:
- ◆ inner cannula, fenestrated, with swivel speaking valve type B
  - ◆ inner cannula with 15mm connector
  - ◆ inner cannula with low profile
  - ◆ neck strap

For tracheostomised patients with fully or partially intact larynx, for speaking.



REF 104-A-O



**TRACOE *comfort* Tracheostomy Tube**  
fenestrated with oxygen supply port attached to the inner cannula

- Including:
- ◆ inner cannula, fenestrated, with swivel speaking valve type B and oxygen supply port
  - ◆ inner cannula with 15mm connector
  - ◆ inner cannula with low profile
  - ◆ neck strap

For tracheostomised patients with fully or partially intact larynx, for speaking. Made upon order.





REF 204-A

XL


**TRACOE *comfort* XL Tracheostomy Tube**  
 fenestrated

Including:

- ◆ inner cannula, fenestrated, with swivel speaking valve type B
- ◆ inner cannula with 15mm connector
- ◆ inner cannula with low profile
- ◆ neck strap

For tracheostomised patients with fully or partially intact larynx for speaking or e. g. with tracheal stenosis.



REF 204-A-O

XL


**TRACOE *comfort* XL Tracheostomy Tube**  
 fenestrated with oxygen supply port attached to the inner cannula

Including:

- ◆ inner cannula, fenestrated, with swivel speaking valve type B and oxygen supply port
- ◆ inner cannula with 15mm connector
- ◆ inner cannula with low profile
- ◆ neck strap

For tracheostomised patients with fully or partially intact larynx for speaking or e. g. with tracheal stenosis.  
 Made upon order.





## REF 105

### TRACOE *comfort* Tracheostomy Tube

Including: ♦ inner cannula with 15mm connector  
♦ neck strap



## REF 105-D

### TRACOE *comfort* Tracheostomy Tube

Including: ♦ 2 inner cannulas with 15mm connector  
♦ neck strap



## REF 115



### TRACOE *comfort* Tracheostomy Tube fenestrated

Including: ♦ inner cannula, fenestrated, with  
15mm connector  
♦ inner cannula with 15mm connector  
♦ neck strap





**REF 205** **XL**

**TRACOE *comfort* XL Tracheostomy Tube**

Including: ♦ inner cannula with 15 mm connector  
♦ neck strap



**REF 215** **XL** 

**TRACOE *comfort* XL Tracheostomy Tube  
fenestrated**

Including: ♦ inner cannula, fenestrated, with  
15 mm connector  
♦ inner cannula with 15 mm connector  
♦ neck strap





**REF 107**



## **TRACOE *comfort* Tracheostomy Tube** fenestrated

Including: ♦ inner cannula, fenestrated, with 22mm housing  
♦ inner cannula with 15mm connector  
♦ neck strap



**REF 108**



## **TRACOE *comfort* Tracheostomy Tube** fenestrated

Including: ♦ inner cannula, fenestrated, with swivel speaking valve type B  
♦ inner cannula, fenestrated, with 22mm housing  
♦ neck strap

For tracheostomised patients with fully or partially intact larynx, for speaking.



**REF 114**



## **TRACOE *comfort* Tracheostomy Tube** fenestrated

Including: ♦ inner cannula, fenestrated, with swivel speaking valve type B  
♦ inner cannula with 15mm connector  
♦ neck strap

For tracheostomised patients with fully or partially intact larynx, for speaking.





REF 157


**TRACOE *comfort plus* Tracheostomy Tube**  
 double fenestrated at inner and outer bend

Including: ♦ inner cannula, double fenestrated, with 22mm housing  
 ♦ inner cannula with 15mm connector  
 ♦ neck strap



REF 158


**TRACOE *comfort plus* Tracheostomy Tube**  
 double fenestrated at inner and outer bend

Including: ♦ inner cannula, double fenestrated, with swivel speaking valve type B  
 ♦ inner cannula, double fenestrated, with 22mm housing  
 ♦ neck strap

For tracheostomised patients with fully or partially intact larynx, for speaking.



REF 164


**TRACOE *comfort plus* Tracheostomy Tube**  
 double fenestrated at inner and outer bend

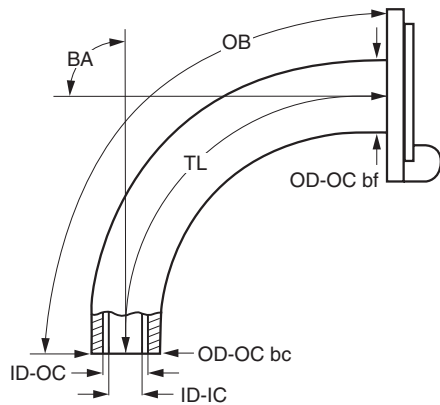
Including: ♦ inner cannula, double fenestrated, with swivel speaking valve type B  
 ♦ inner cannula with 15mm connector  
 ♦ neck strap

For tracheostomised patients with fully or partially intact larynx, for speaking.



# Technical Data

## TRACOE *comfort*

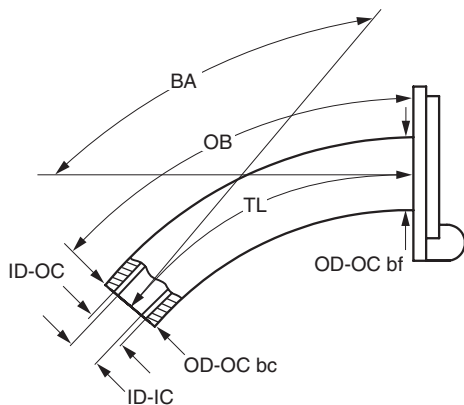


REF 101, REF 102, REF 102-D, REF 103, REF 103-O, REF 103-A, REF 103-A-O, REF 104, REF 104-O, REF 104-A, REF 104-A-O, REF 105, REF 105-D, REF 107, REF 108

REF 114 and REF 115 *in sizes 07 – 11*

Size	ID-OC mm	OD-OC bc mm	OD-OC bf mm	ID-IC mm	TL mm	OB mm	BA °
03	3.5	4.8	6.4	2.6	42	46	90°
04	4.0	5.6	7.3	3.2	50	55	90°
05	5.0	6.7	8.7	4.0	52	57	90°
06	6.0	7.6	10.0	4.8	54	60	90°
07	7.0	8.8	10.5	5.8	57	65	90°
08	8.0	10.0	11.3	6.8	61	70	90°
09	9.0	11.4	12.6	7.6	65	75	90°
10	10.0	12.4	13.7	8.7	74	85	90°
11	11.0	13.1	15.0	9.7	76	87	90°
12	12.0	14.2	16.2	10.8	78	90	90°
13	13.0	15.4	17.2	11.8	87	100	90°
14	14.0	16.6	18.2	12.6	91	105	90°

## TRACOE *comfort* Laryngectomy Tube



REF 106-D

Size	ID-OC mm	OD-OC bc mm	OD-OC bf mm	ID-IC mm	TL mm	OB mm	BA °
07	7.0	8.8	10.5	5.8	47	50	130°
08	8.0	10.0	11.3	6.8	50	53	130°
09	9.0	11.4	12.6	7.6	52	57	130°
10	10.0	12.4	13.7	8.7	55	60	130°
11	11.0	13.1	15.0	9.7	58	63	130°
12	12.0	14.2	16.2	10.8	60	66	130°

**ID-OC:** inside diameter (clear width) at bottom of outer cannula; **OD-OC bc:** outside diameter at bottom of outer cannula; **OD-OC bf:** outside diameter of outer cannula behind the flange; **ID-IC:** inside diameter at bottom of inner cannula; **TL:** length along centre line from start of neck flange to bottom of tube; **OB:** length along outer bend (greatest length); **BA:** bending angle

To order, specify **REF + size**, e. g. **REF 103-08**

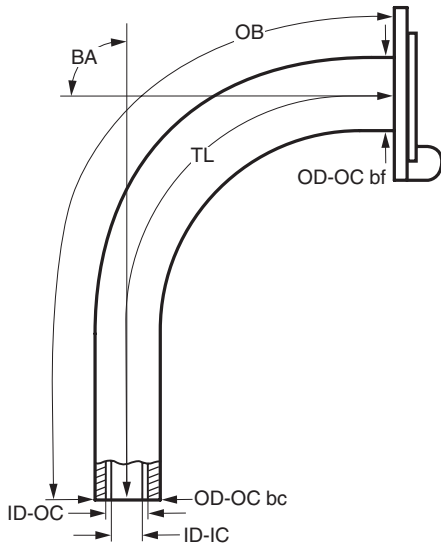


Product variants can be made in order to optimise the functionality and wearing comfort and also for patients with complex anatomical and physiological conditions. The relevant ordering forms are available at [www.tracoe.com/en/downloads](http://www.tracoe.com/en/downloads).



# Technical Data and Scope of Supply

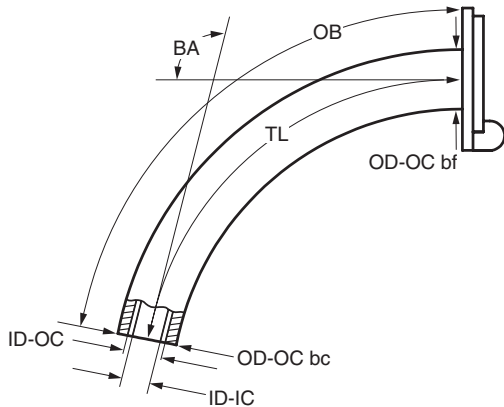
## TRACOE *comfort* XL



REF 201, REF 202, REF 202-D, REF 203, REF 203-O, REF 203-A,  
REF 204, REF 204-O, REF 204-A, REF 204-A-O, REF 205, REF 215

Size	ID-OC mm	OD-OC bc mm	OD-OC bf mm	ID-IC mm	TL mm	OB mm	BA °
05	5.0	6.6	9.0	4.0	85	92	90°
06	6.0	7.7	9.8	5.0	87	95	90°
07	7.0	8.7	10.5	6.0	93	100	90°
08	8.0	10.5	12.2	6.7	96	105	90°
09	9.0	11.5	13.0	7.5	100	110	90°
10	10.0	12.5	14.5	8.8	104	115	90°
11	11.0	13.5	15.5	9.2	108	120	90°
12	12.0	14.4	16.4	10.0	112	125	90°
13	13.0	15.4	18.0	11.8	116	130	90°
14	14.0	16.4	18.2	12.6	122	135	90°

## TRACOE *comfort* plus



REF 157, REF 158, REF 164

Size	ID-OC mm	OD-OC bc mm	OD-OC bf mm	ID-IC mm	TL mm	OB mm	BA °
07	7.0	8.8	10.5	5.8	81	87	100°
08	8.0	10.2	11.3	6.8	84	91	100°
09	9.0	11.6	12.6	7.6	86	94	100°
10	10.0	12.0	13.7	8.7	88	97	100°
11	11.0	13.5	15.0	9.7	91	100	100°

## Scope of Supply of TRACOE *comfort* Tubes



All TRACOE *comfort* tubes are supplied with a wide adjustable neck strap and a product info card with two detachable labels.



# Product Information and Specialities

## Special Features of the Speaking Valves



### ◆ TRACOE *comfort* Speaking Valve, type A

TRACOE *comfort* tubes with type A speaking valves have a silver valve holder that is attached to the inner cannula with a chain. When necessary, it can be pulled off the inner cannula, allowing free access to the lumen, e.g. for suctioning off tracheal secretions.



### ◆ TRACOE *comfort* Speaking Valve, type B

TRACOE *comfort* tubes with type B speaking valves have a swivelling holder that allows free access to the lumen of the inner cannula, e.g. for suctioning off tracheal secretions. The valve flap is protected from accidental distortion that would affect its function.

## Fenestration



### TRACOE *comfort*

Standard holes for phonation can be found on the outer bend of all outer cannulas.

### TRACOE *comfort plus*

Double fenestration leads to better phonation: *comfort plus* tubes have two additional phonation holes on the inner bend (tube length is adjusted according to the patient's increasing body mass index (BMI)). The inner cannulas are correspondingly fenestrated.



## Special Features of the 15 mm Connector and 22 mm Housing



### ◆ 15 mm connector

Universal 15 mm connectors allow the use of heat/moisture exchangers and speaking valves.



### ◆ 22 mm housing

Universal 22 mm housing on inner cannulas give a more discreet appearance thanks to accessories with a flat profile, e.g. a flat speaking valve with silicone membrane (REF 650-S).

## Care of the Tubes

- ◆ leave in contact with cleaning solutions for only short periods (max. 1 minute)
- ◆ use clean, warm, potable tap water to rinse the tubes
- ◆ moisten the inner cannula with one drop (not more) of paraffin oil directly behind the flange



A video clip with tips on the care of tracheostomy tubes can be found at [www.tracoe.com/en/media-library](http://www.tracoe.com/en/media-library)



## Accessories and Cleaning Products for TRACOE *comfort* and *comfort plus* Tracheostomy Tubes



### REF 902

**TRACOE *care* Liquid Paraffin** lets inner cannulas be easily inserted and removed, assures best possible fit and good quality of speech  
Details on page 102



### REF 931-A/-B

**TRACOE tube clean Cleaning Kit** with concentrated cleaning liquid REF 933  
Details on page 101