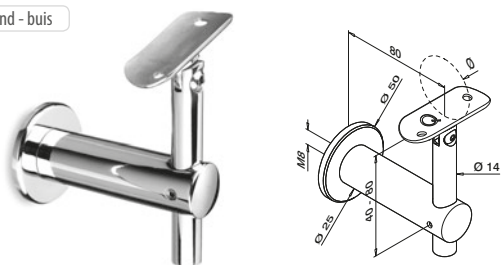




**PERFECT  
GEPOLIJST.**

Wand - buis



**MOD 0145**

**304**

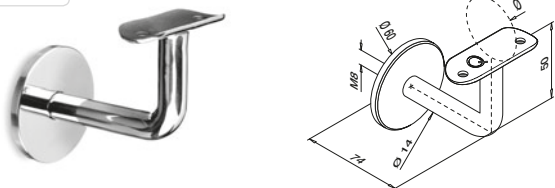
INDOOR	Ø			
13.0145.042.10	42,4	QS-1	348 / QS-10	348 2

**316**

OUTDOOR	Ø			
14.0145.042.10	42,4	QS-2	348 / QS-11	348 2



Wand - buis



**MOD 0111**

**304**

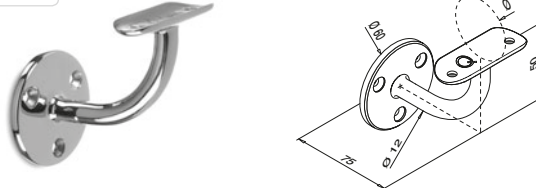
INDOOR	Ø			
13.0111.042.10	42,4	QS-1	348 / QS-10	348 2
13.0111.048.10	48,3	QS-1	348 / QS-10	348 2

**316**

OUTDOOR	Ø			
14.0111.042.10	42,4	QS-2	348 / QS-11	348 2
14.0111.048.10	48,3	QS-2	348 / QS-11	348 2



Wand - buis



**MOD 0112**

**304**

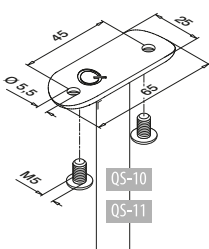
INDOOR	Ø			
13.0112.042.10	42,4	QS-7	348 / QS-10	348 2
13.0112.048.10	48,3	QS-7	348 / QS-10	348 2

**316**

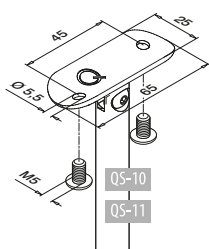
OUTDOOR	Ø			
14.0112.042.10	42,4	QS-50	348 / QS-11	348 2
14.0112.048.10	48,3	QS-50	348 / QS-11	348 2



Q-INFO MOD 0111 / 0112



Q-INFO MOD 0145



Q-INFO



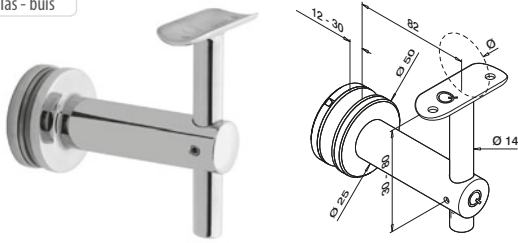
Q-23  
Q-cleaner  
300 ml  
19.0601.000.00

Q-INFO



Q-22  
Q-ultra-clean  
500 ml  
19.0610.000.00

Glas - buis

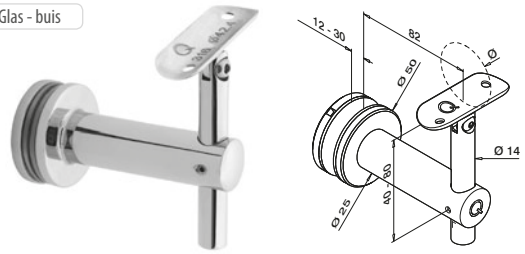


**MOD 0150**

304			
INDOOR	Ø		
13.0150.042.10	42,4	QS-10 348	2
13.0150.048.10	48,3	QS-10 348	2
316			
OUTDOOR	Ø		
14.0150.042.10	42,4	QS-11 348	2
14.0150.048.10	48,3	QS-11 348	2



Glas - buis

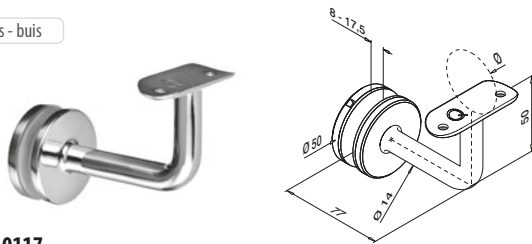


**MOD 0155**

304			
INDOOR	Ø		
13.0155.042.10	42,4	QS-10 348	2
13.0155.048.10	48,3	QS-10 348	2
316			
OUTDOOR	Ø		
14.0155.042.10	42,4	QS-11 348	2
14.0155.048.10	48,3	QS-11 348	2



Glas - buis

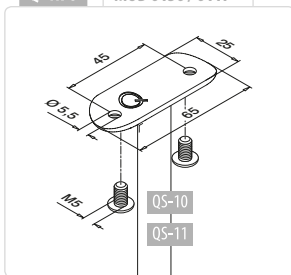


**MOD 0117**

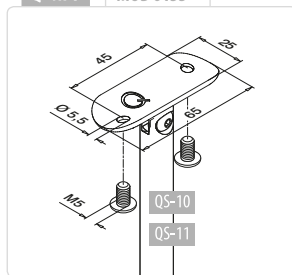
304			
INDOOR	Ø		
13.0117.042.10	42,4	QS-10 348	2
13.0117.048.10	48,3	QS-10 348	2
316			
OUTDOOR	Ø		
14.0117.042.10	42,4	QS-11 348	2
14.0117.048.10	48,3	QS-11 348	2



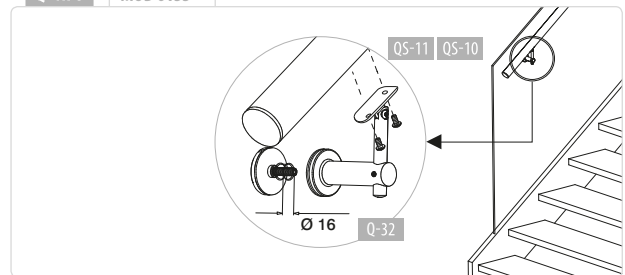
Q-INFO MOD 0150 / 0117



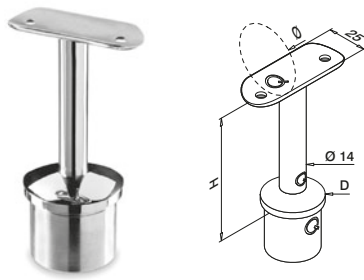
Q-INFO MOD 0155



Q-INFO MOD 0155



Buis - Buis



**MOD 0710** - D 42,4 mm

**304**

INDOOR	D	H	Ø		
13.0710.242.10	Ø 42,4 x 2,0	79	42,4	QS-10	348 2

**316**

OUTDOOR	D	H	Ø		
14.0710.242.10	Ø 42,4 x 2,0	79	42,4	QS-11	348 2

**MOD 0711** - D 48,3 mm

**304**

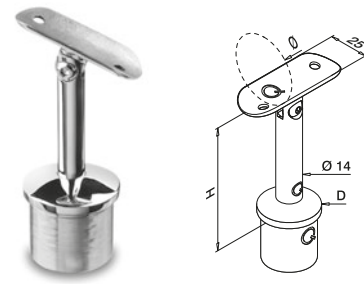
INDOOR	D	H	Ø		
13.0711.048.10	Ø 48,3 x 2,6	80	48,3	QS-10	348 2

**316**

OUTDOOR	D	H	Ø		
14.0711.048.10	Ø 48,3 x 2,6	80	48,3	QS-11	348 2



Buis - Buis



**MOD 0718** - D 42,4 mm

**304**

INDOOR	D	H	Ø		
13.0718.242.10	Ø 42,4 x 2,0	79	42,4	QS-10	348 2

**316**

OUTDOOR	D	H	Ø		
14.0718.242.10	Ø 42,4 x 2,0	79	42,4	QS-11	348 2

**MOD 0719** - D 48,3 mm

**304**

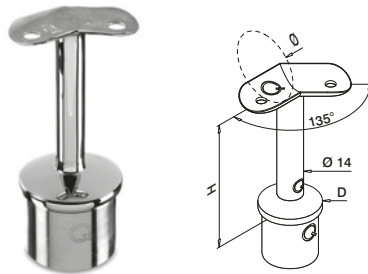
INDOOR	D	H	Ø		
13.0719.048.10	Ø 48,3 x 2,6	80	48,3	QS-10	348 2

**316**

OUTDOOR	D	H	Ø		
14.0719.048.10	Ø 48,3 x 2,6	80	48,3	QS-11	348 2



Buis - buis



**MOD 0710** - D 42,4 mm

**304**

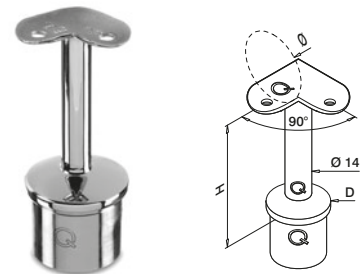
INDOOR	D	H	Ø		
13.0710.342.10	Ø 42,4 x 2,0	79	42,4	QS-10	348 2

**316**

OUTDOOR	D	H	Ø		
14.0710.342.10	Ø 42,4 x 2,0	79	42,4	QS-11	348 2



Buis - buis



**MOD 0710** - D 42,4 mm

**304**

INDOOR	D	H	Ø		
13.0710.842.10	Ø 42,4 x 2,0	79	42,4	QS-10	348 2

**316**

OUTDOOR	D	H	Ø		
14.0710.842.10	Ø 42,4 x 2,0	79	42,4	QS-11	348 2



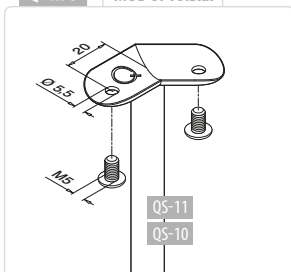
**MOD 0711** - D 48,3 mm

**316**

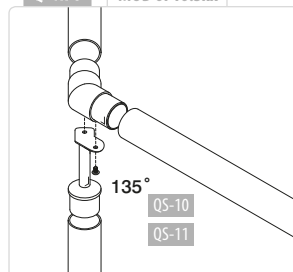
OUTDOOR	D	H	Ø		
14.0711.948.10	Ø 48,3 x 2,6	80	48,3	QS-11	348 2



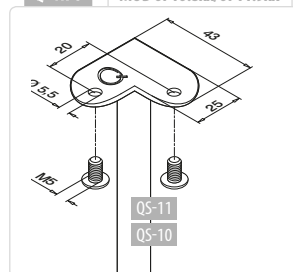
Q-INFO MOD 0710.3xx



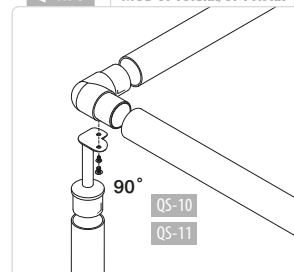
Q-INFO MOD 0710.3xx



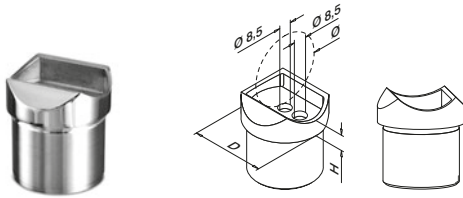
Q-INFO MOD 0710.8xx/0711.9xx



Q-INFO MOD 0710.8xx/0711.9xx



Buis - Buis

**MOD 0772** - D 42,4 mm

304

INDOOR	D	Ø	H			
13.0772.242.10	Ø 42,4 x 2,0	42,4	9	Q5-26	349	2

316

OUTDOOR	D	Ø	H			
14.0772.242.10	Ø 42,4 x 2,0	42,4	9	Q5-27	349	2

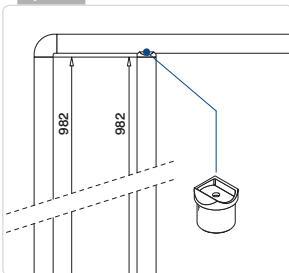
**MOD 0771** - D 48,3 mm

316

OUTDOOR	D	Ø	H			
14.0771.048.10	Ø 48,3 x 2,6	48,3	11	Q5-27	349	2



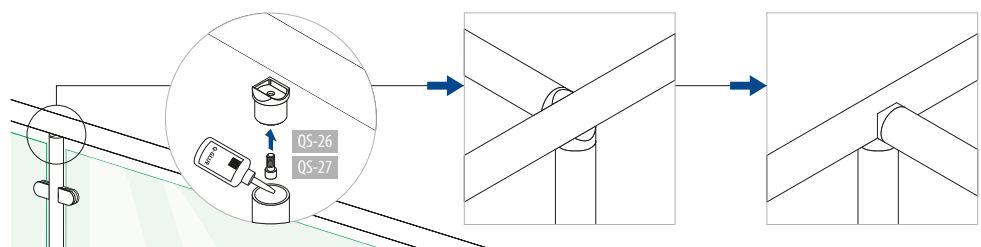
## Q-INFO

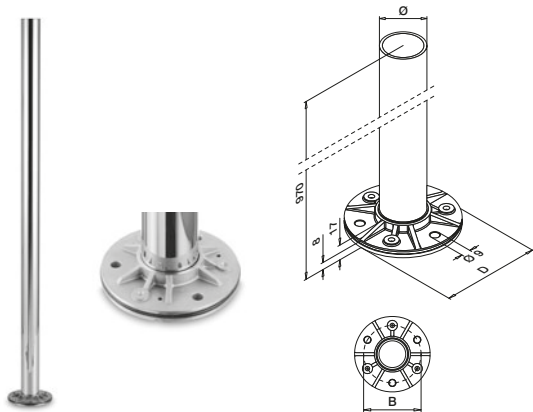


## Q-INFO



Q-21  
Q-glue  
50 ml  
19.1331.000.00

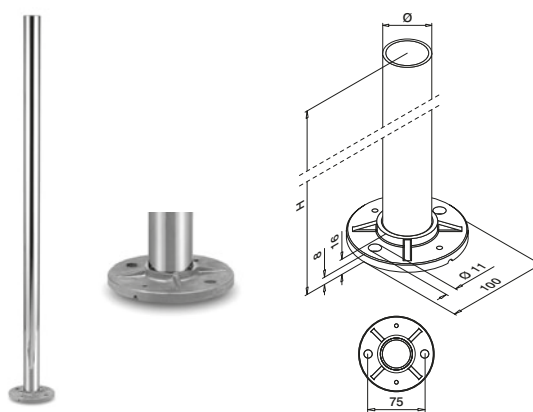


**MOD 0913****304**

INDOOR	Ø	B	D		
13.0913.048.10	48,3 x 2,6	90	Ø 115	Q5-35	354 1

**316**

OUTDOOR	Ø	B	D		
14.0913.048.10	48,3 x 2,6	90	Ø 115	Q5-34	354 1

**MOD 0914****304**

INDOOR	Ø	H		
13.0914.242.10	42,4 x 2,0	970	Q5-59	354 1

**316**

OUTDOOR	Ø	H		
14.0914.242.10	42,4 x 2,0	970	Q5-58	354 1

**MOD 0511****304**

INDOOR	Ø	D	
13.0511.042.10	42,4	Ø 110	2
13.0511.048.10	48,3	Ø 120	2

**316**

OUTDOOR	Ø	D	
14.0511.042.10	42,4	Ø 110	2
14.0511.048.10	48,3	Ø 120	2

**MOD 0512****304**

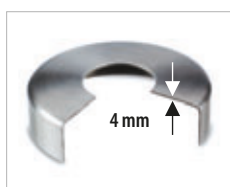
INDOOR	Ø	D	
13.0512.042.10	42,4	Ø 105	2

**316**

OUTDOOR	Ø	D	
14.0512.042.10	42,4	Ø 105	2

Q-INFO

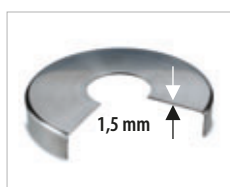
MOD 0511



Voor model 0913 en 0940

Q-INFO

MOD 0512



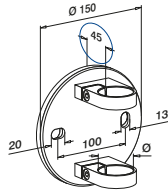
Voor model 0914 en 0940

Q-INFO



Rubberen ring

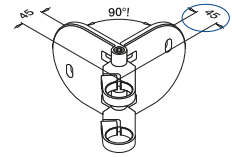
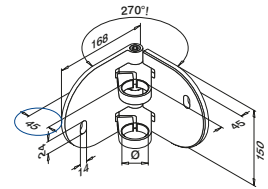


**MOD 0551****304**

INDOOR				
	Ø			
13.0551.042.10	42,4	QS-33	352	1
13.0551.048.10	48,3	QS-33	352	1 <span>Tested</span>

**316**

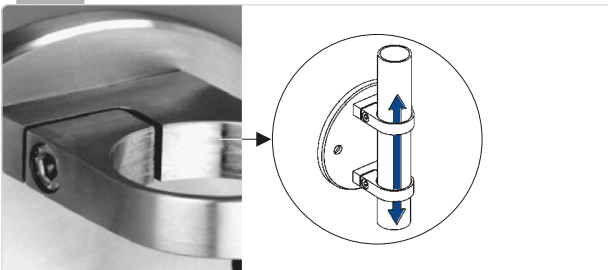
OUTDOOR				
	Ø			
14.0551.042.10	42,4	QS-32	352	1
14.0551.048.10	48,3	QS-32	352	1 <span>Tested</span>

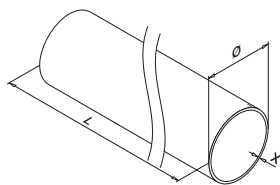
TESTED  
P.131**MOD 0555****316**

OUTDOOR				
	Ø			
14.0555.042.10	42,4	QS-32	352	1
14.0555.048.10	48,3	QS-32	352	1

**NEW**

## Q-INFO





## MOD 0900 / 8925

Ø 42,4 mm

304

INDOOR	X	
13.8925.242.10	2,0	L = 2500 mm
13.0900.242.10	2,0	L = 5000 mm

316

OUTDOOR	X	
14.8925.242.10	2,0	L = 2500 mm
14.0900.242.10	2,0	L = 5000 mm

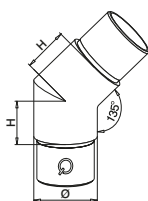
Ø 48,3 mm

304

INDOOR	X	
13.8925.048.10	2,6	L = 2500 mm
13.0900.048.10	2,6	L = 5000 mm

316

OUTDOOR	X	
14.8925.048.10	2,6	L = 2500 mm
14.0900.048.10	2,6	L = 5000 mm



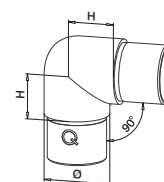
## MOD 0300

304

INDOOR	Ø	H	
13.0300.242.10	42,4 x 2,0	30	2

316

OUTDOOR	Ø	H	
14.0300.242.10	42,4 x 2,0	30	2



## MOD 0303

304

INDOOR	Ø	H	
13.0303.242.10	42,4 x 2,0	30	2
13.0303.048.10	48,3 x 2,6	35	2

316

OUTDOOR	Ø	H	
14.0303.242.10	42,4 x 2,0	30	2
14.0303.048.10	48,3 x 2,6	35	2



Toepasbaar bij 0710 (handrailingsteunen)

## Q-INFO

Berekeningsbasis voor buizen

calculated by ONDRA

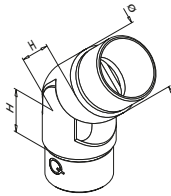
	Ø (mm)	A (cm <sup>2</sup> )	I <sub>x</sub> =I <sub>y</sub> (cm <sup>4</sup> )	W <sub>x</sub> =W <sub>y</sub> (cm <sup>3</sup> )	M (kg/m)	R <sub>po,2</sub> (kN/cm <sup>2</sup> )	R <sub>m</sub> (kN/cm <sup>2</sup> )
13.0900.242.10 / 13.8925.242.10	42,4 x 2,0	2,53	5,19	2,44	1,98	23	54
14.0900.242.10 / 14.8925.242.10	42,4 x 2,0	2,53	5,19	2,44	1,98	24	53
13.0900.248.10 / 13.8925.248.10	48,3 x 2,0	2,90	7,80	3,23	2,28	23	54
14.0900.248.10 / 14.8925.248.10	48,3 x 2,0	2,90	7,80	3,23	2,28	24	53

A = oppervlakte dwarsdoorsnede  
 I<sub>x</sub> / I<sub>y</sub> = oppervlaktetraagheidsmoment  
 W<sub>x</sub> / W<sub>y</sub> = weerstandsmoment  
 M = massa  
 R<sub>po,2</sub> = toelaatbare spanning  
 R<sub>m</sub> = minimale trekvastheid





0 - 70°



## MOD 0312

304

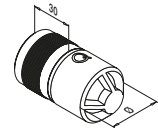
INDOOR	Ø	H	
13.0312.242.10	42,4 x 2,0	27	2
13.0312.048.10	48,3 x 2,6	30	2

316

OUTDOOR	Ø	H	
14.0312.242.10	42,4 x 2,0	27	2
14.0312.048.10	48,3 x 2,6	30	2



International Design Model Protection



## MOD 5792- EASY HIT®

304

INDOOR	Ø	
13.5792.242.00	42,4 x 2,0	2

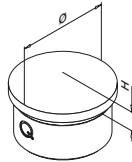
316

OUTDOOR	Ø	
14.5792.242.00	42,4 x 2,0	2
14.5792.048.00	48,3 x 2,6	2

NEW



International Design Model Protection



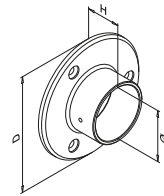
## MOD 0729

304

INDOOR	Ø	H	
13.0729.242.10	42,4 x 2,0	9	2
13.0729.048.10	48,3 x 2,6	10	2

316

OUTDOOR	Ø	H	
14.0729.242.10	42,4 x 2,0	9	2
14.0729.048.10	48,3 x 2,6	10	2



## MOD 0505

304

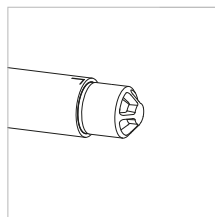
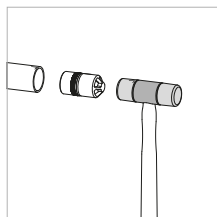
INDOOR	Ø	D	H		
13.0505.042.10	42,4	Ø 95	30	QS-5	348 2
13.0505.048.10	48,3	Ø 100	35	QS-5	348 2

316

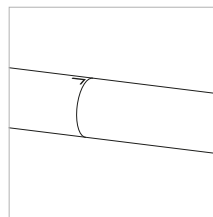
OUTDOOR	Ø	D	H		
14.0505.042.10	42,4	Ø 95	30	QS-6	348 2
14.0505.048.10	48,3	Ø 100	35	QS-6	348 2



## MOD 5792



Q-21  
Q-glue  
50 ml  
19.1331.000.00



## Q-INFO

MOD 0900 / 8925 / 0300 / 0303 / 0312 / 0729



Q-21  
Q-glue  
50 ml  
19.1331.000.00



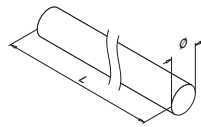
Q-glue space



## Q-INFO




Q-23  
Q-cleaner  
300 ml  
19.0601.000.00




## MOD 0900 / 8925 - Ø 12 mm

## 304

INDOOR	Ø	
13.8925.012.10	12	L = 2500 mm
13.0900.012.10	12	L = 5000 mm

## 316

OUTDOOR	Ø	
14.8925.012.10	12	L = 2500 mm
14.0900.012.10	12	L = 5000 mm



## Q-INFO



## Bespaar tijd en geld met Q-tube.

Q-tube heeft een veel lagere tolerantie dan standaard handelsbuis. Ook de lasnaad van Q-tube is speciaal aangepast aan onze fittingen. De buis past daardoor perfect op onze fittingen zodat u snel en effectief kunt werken. Om de kwaliteit te waarborgen en om beschadigingen te voorkomen wordt elke lengte buis apart verpakt.

## Q-INFO

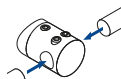
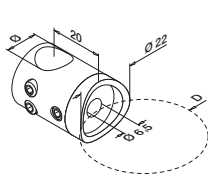
## Berekeningsbasis voor staven

calculated by 

	Ø (mm)	A (cm <sup>2</sup> )	I <sub>x</sub> =I <sub>y</sub> (cm <sup>4</sup> )	W <sub>x</sub> =W <sub>y</sub> (cm <sup>3</sup> )	M (kg/m)	R <sub>p0,2</sub> (kN/cm <sup>2</sup> )	R <sub>m</sub> (kN/cm <sup>2</sup> )
13.0900.012.10 / 13.8925.012.10	12	1,13	0,10	0,17	0,88	23	54
14.0900.012.10 / 14.8925.012.10	12	1,13	0,10	0,17	0,88	24	53

A = oppervlakte dwarsdoorsnede    W<sub>x</sub> / W<sub>y</sub> = weerstandsmoment    R<sub>p0,2</sub> = toelaatbare spanning  
 I<sub>x</sub> / I<sub>y</sub> = oppervlaktetraagheidsmoment    M = massa    R<sub>m</sub> = minimale trekvastheid

Buis - staf



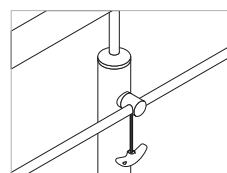
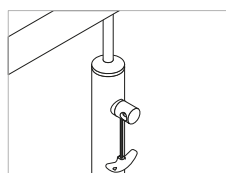
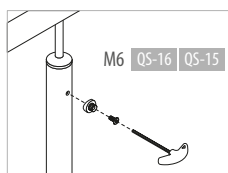
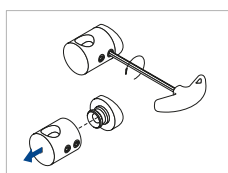
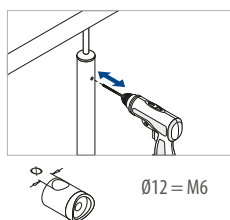
Midden

**MOD 0831 - Ø 12 mm**

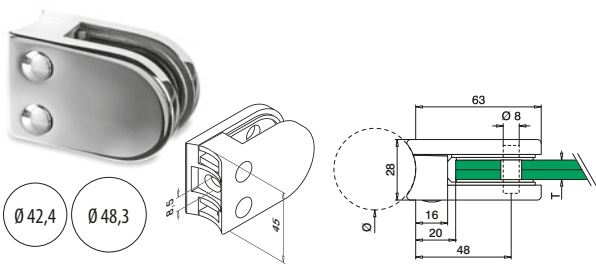
304				
INDOOR	Ø	D		
13.0831.042.10	12	Ø 42,4	QS-15	349 4
316				
OUTDOOR	Ø	D		
14.0831.042.10	12	Ø 42,4	QS-16	349 4



Q-INFO



Flak



MOD 22 - Ø 42,4 / Ø 48,3 mm



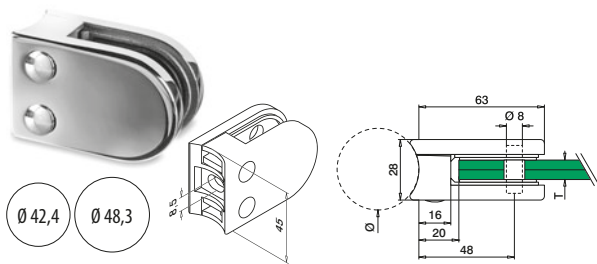
304				
INDOOR	Ø	T	Q-S-47	347
13.2206.042.10	42,4	6	Q-S-47	347
13.2208.042.10	42,4	8	Q-S-47	347
13.2210.042.10	42,4	10	Q-S-47	347
13.2206.048.10	48,3	6	Q-S-47	347
13.2208.048.10	48,3	8	Q-S-47	347
13.2210.048.10	48,3	10	Q-S-47	347



304				
INDOOR	Ø	T	Q-S-47	347
13.2207.042.10	42,4	6,76 (3 - 0,76 - 3)	Q-S-47	347
13.2209.042.10	42,4	8,76 (4 - 0,76 - 4)	Q-S-47	347
13.2244.042.10	42,4	9,52 (4 - 1,52 - 4)	Q-S-47	347
13.2207.048.10	48,3	6,76 (3 - 0,76 - 3)	Q-S-47	347
13.2209.048.10	48,3	8,76 (4 - 0,76 - 4)	Q-S-47	347
13.2244.048.10	48,3	9,52 (4 - 1,52 - 4)	Q-S-47	347



Buis



MOD 22 - Ø 42,4 / Ø 48,3 mm



316				
OUTDOOR	Ø	T	Q-S-45	347
14.2206.042.10	42,4	6	Q-S-45	347
14.2208.042.10	42,4	8	Q-S-45	347
14.2210.042.10	42,4	10	Q-S-45	347
14.2206.048.10	48,3	6	Q-S-45	347
14.2208.048.10	48,3	8	Q-S-45	347
14.2210.048.10	48,3	10	Q-S-45	347



316				
OUTDOOR	Ø	T	Q-S-45	347
14.2207.042.10	42,4	6,76 (3 - 0,76 - 3)	Q-S-45	347
14.2209.042.10	42,4	8,76 (4 - 0,76 - 4)	Q-S-45	347
14.2244.042.10	42,4	9,52 (4 - 1,52 - 4)	Q-S-45	347
14.2207.048.10	48,3	6,76 (3 - 0,76 - 3)	Q-S-45	347
14.2209.048.10	48,3	8,76 (4 - 0,76 - 4)	Q-S-45	347
14.2244.048.10	48,3	9,52 (4 - 1,52 - 4)	Q-S-45	347



Toebehoren

Rubbers voor glasklemmen



Rubbers voor glasklemmen

MOD 50

	Voor MOD	T	Stuks per glasklem	
19.5004.006.00	22	6	2	8
19.5004.007.00	22	6,76 (3 - 0,76 - 3)	2	8
19.5004.008.00	22	8	2	8
19.5004.041.00	22	8,38 (4 - 0,38 - 4)	2	8
19.5004.009.00	22	8,76 (4 - 0,76 - 4)	2	8
19.5004.010.00	22	10	2	8
19.5004.044.00	22	9,52 (4 - 1,52 - 4)	2	8

Borgpenen voor glasklemmen



MOD 5015

	Voor MOD	L	
19.5015.022.00	22	22	4

Borgpenen en bevestigingsmateriaal dienen apart te worden besteld.

Q-INFO



Q-23  
Q-cleaner  
300 ml  
19.0601.000.00

Q-INFO



Q-22  
Q-ultra-clean  
500 ml  
19.0610.000.00

Q-INFO

MOD 5015

