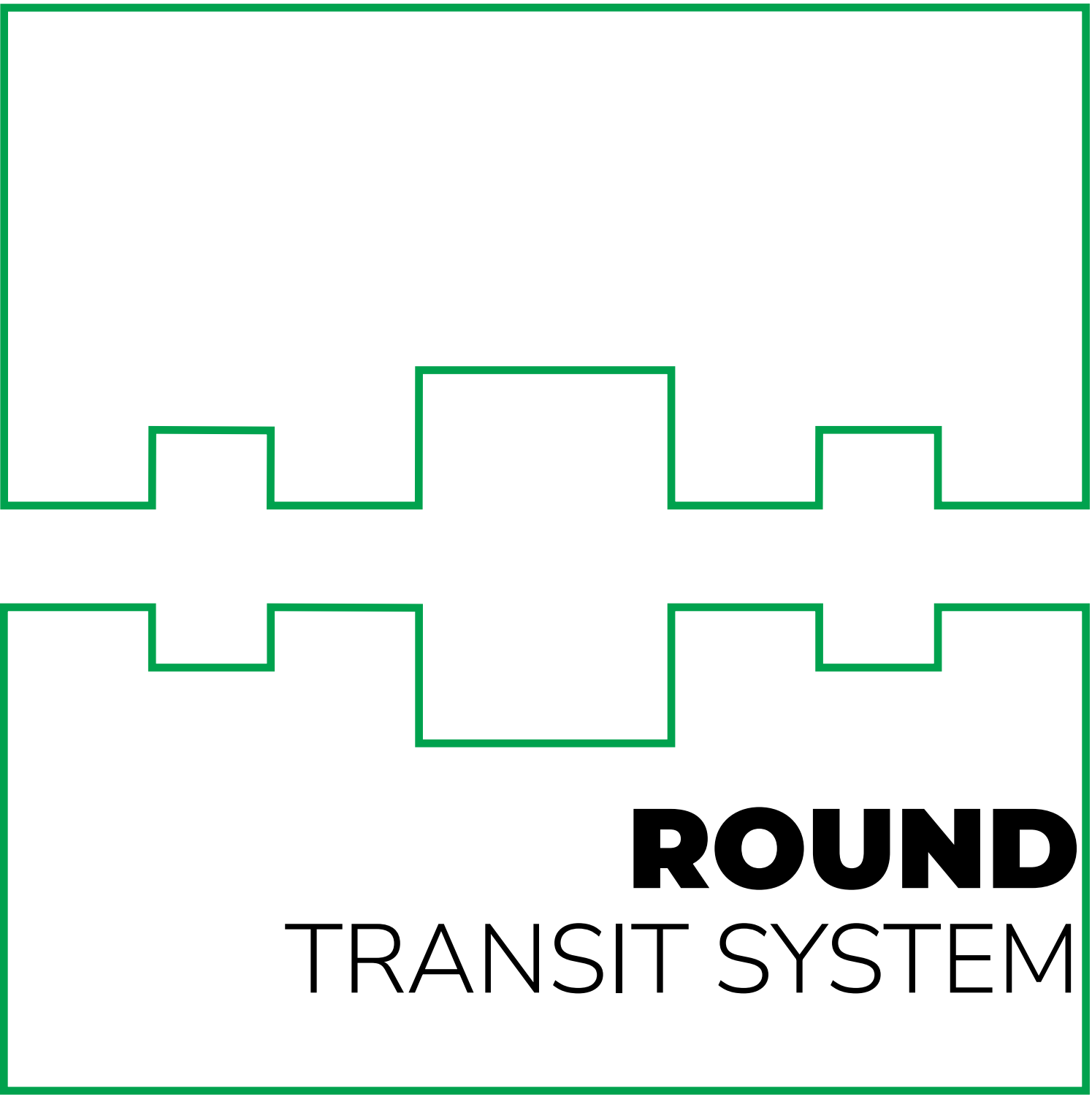
20
20

HTS

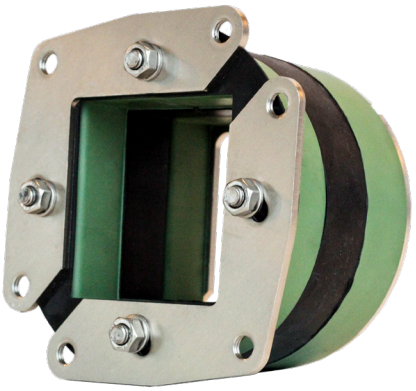


ROUND

TRANSIT SYSTEM

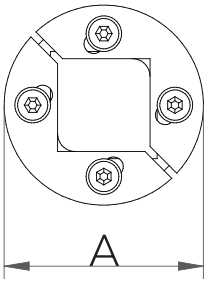
HRTO Family

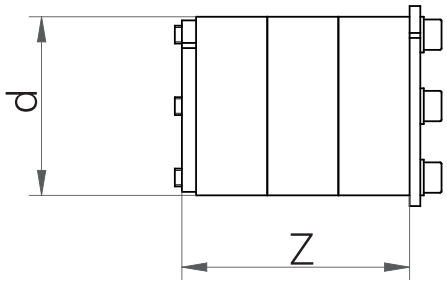
HTS HRTO is a round sealing solution for multiple cables/pipes passing through a circular aperture in a wall or bulkhead/deck. The seal is formed by tightening the compression bolts which expand the system radially with no need of a compression system.

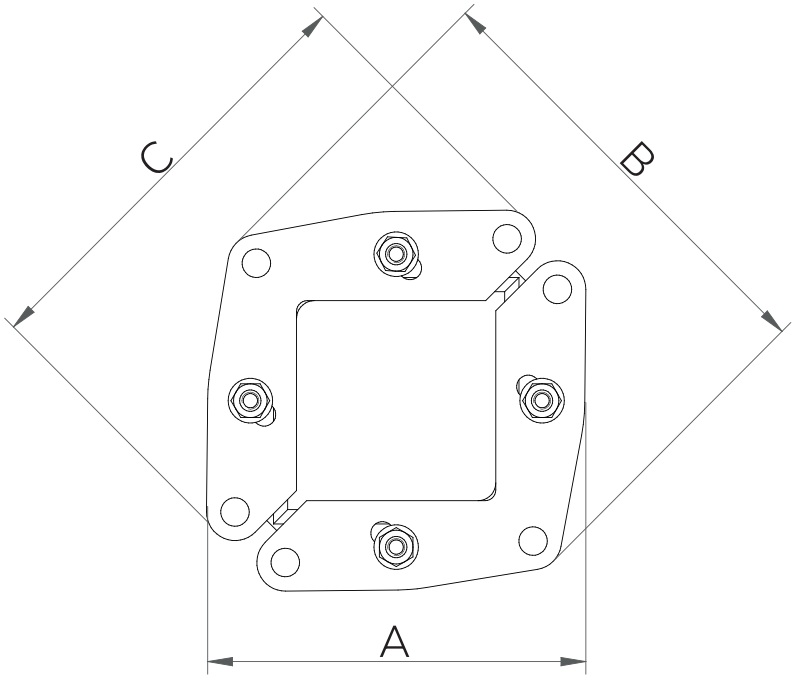


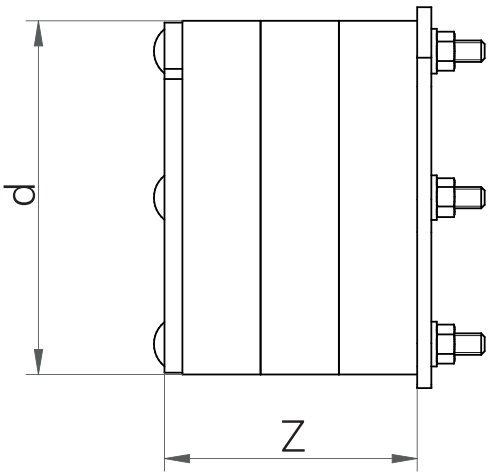
CHARACTERISTCS

- Designed to be installed using HTS Sleeves (welded, bolted or casted) and standard HF blocks.
- Manufactured in intumescent elastomer polymer with stainless steel front and back plates. Plates also available in mild steel.
- HRTO is always supplied as an open frame. This enables the frame to be installed after cable/pipe installation.
- No extra tools are required for its installation.
- Ex available under request.

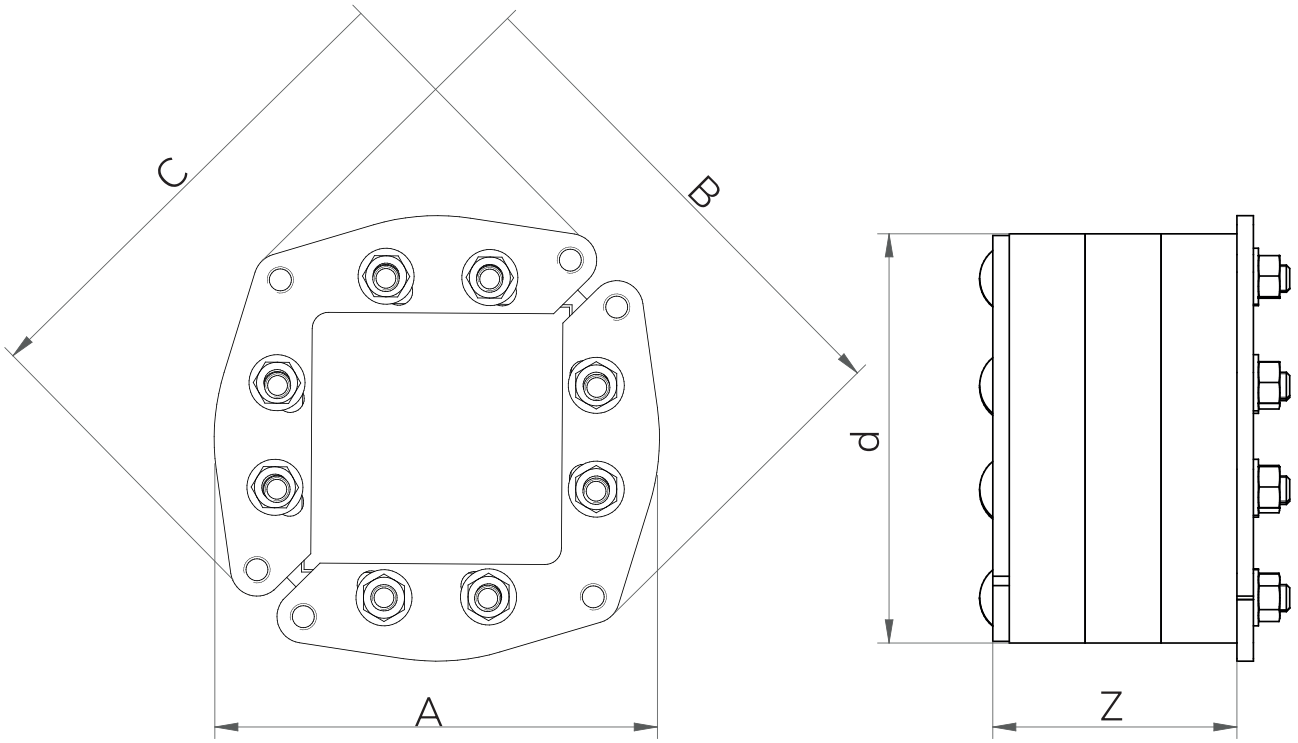






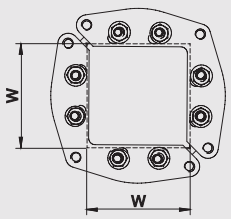


HRTO Family



DESCIPTION	SLEEVE SIZE NEEDED	A (mm)	B (mm)	C (mm)	d (mm)	Z (mm)	Weigth (Kg)
HRTO-30	30	36	-	-	32	64	0,11
HRTO-40	40	46	-	-	40	64	0,15
HRTO-50	50	56	-	-	50	64	0,2
HRTO-70	70	85	105	50	70	70	0,5
HRTO-100	100	108	137	94	100	70	0,8
HRTO-125	125	150	163	124	125	74	0,95
HRTO-150	150	160	187	179	150	74	1,9
HRTO-200	200	210	237	226	200	74	3,7

Sealing Area



TYPE	SEALING AREA (mm)
HRTO-30	15x15
HRTO-40	20x20
HRTO-50	30x30
HRTO-70	40x40
HRTO-100	60x60
HRTO-125	80x80
HRTO-150	90x90
HRTO-200	120x120

Installation references

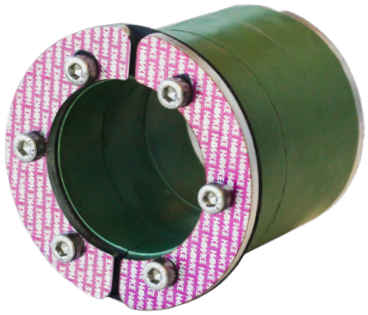
See assembly parts	69
See accessories	79
See installation guide	127
See inspection check	172

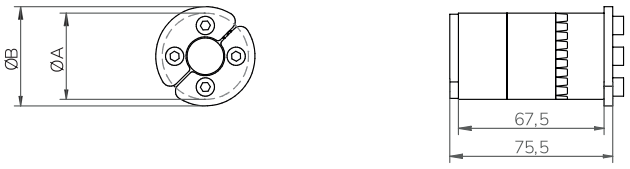
HRST Family

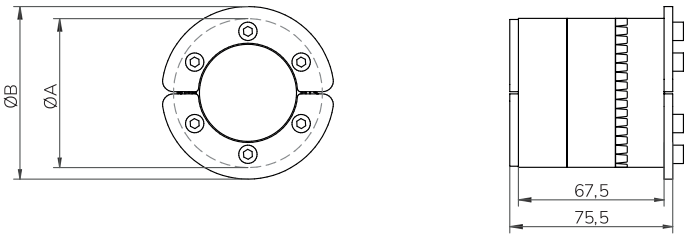
HTS HRST is a round sealing solution for a single cable/pipe passing through a wall or bulkhead/deck Each size of HRST frame can seal a large range of diameters without any onsite modifications.

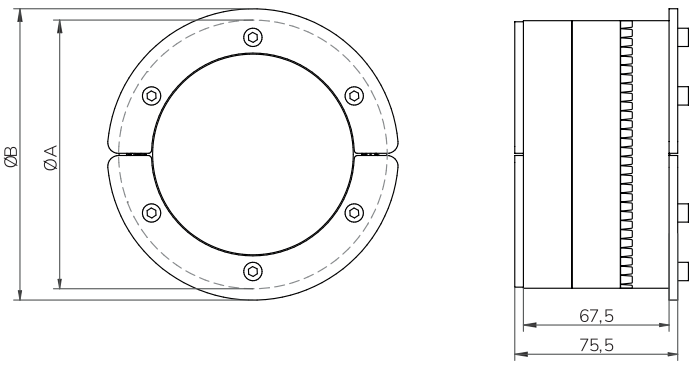
CHARACTERISTCS

- Available to seal services from 4mm up to 170mm of external diameter (standard version).
- Tolerant up to 7 mm.
- Designed to be installed using HTS Sleeves (welded, bolted or casted)
- Manufactured in intumescent elastomer polymer with stainless steel front and back plates. Each HRST frame has a gasket to prevent galvanic corrosion when installed within a mild steel sleeve.
- HRST is always supplied as an open frame. This enables the frame to be installed after cable/pipe installation.
- No extra tools are required for its installation.
- Ex available under request.









HRST Family

Description	Sleeve size needed	Sealing from (mm)	Sealing to	A (mm)	B (mm)	Weight (kg)	Color
HRST-30/4	30	4	10	32	36	0,16	White
HRST-30/7	30	7	14	32	36	0,15	Red
HRST-30/10	30	10	17	32	36	0,14	Blue
HRST-40/4	40	4	10	40	46	0,24	Purple
HRST-40/7	40	7	14	40	46	0,23	Yellow
HRST-40/10	40	10	17	40	46	0,21	Green
HRST-40/17	40	17	24	40	46	0,18	Pink
HRST-50/4	50	4	10	50	56	0,35	Red
HRST-50/10	50	10	17	50	56	0,33	White
HRST-50/17	50	17	24	50	56	0,29	Blue
HRST-50/24	50	24	30	50	56	0,25	Orange
HRST-70/26	70	26	33	69	80	0,56	Purple
HRST-70/33	70	33	39	69	80	0,50	Yellow
HRST-70/39	70	39	45	69	80	0,44	Green
HRST-70/45	70	45	50	69	80	0,38	Pink
HRST-100/48	100	48	55	99	110	0,96	Red
HRST-100/55	100	55	61	99	110	0,87	White
HRST-100/61	100	61	66	99	110	0,79	Blue
HRST-100/66	100	66	71	99	110	0,71	Orange
HRST-125/64	125	64	71	124	135	1,42	Purple
HRST-125/71	125	71	79	124	135	1,27	Yellow
HRST-125/79	125	79	86	124	135	1,12	Green
HRST-125/86	125	86	93	124	135	0,96	Pink
HRST-125/93	125	93	98	124	135	0,84	Orange
HRST-150/93	150	93	102	149	160	1,79	Red
HRST-150/102	150	102	108	149	160	1,63	White
HRST-150/108	150	108	115	149	160	1,43	Blue
HRST-150/115	150	115	120	149	160	1,28	Orange
HRST-175/118	175	118	125	174	185	2,16	Purple
HRST-175/125	175	125	132	174	185	1,93	Yellow
HRST-175/132	175	132	138	174	185	1,72	Green
HRST-175/138	175	138	145	174	185	1,47	Pink
HRST-200/136	200	136	143	199	210	2,73	Red
HRST-200/143	200	143	150	199	210	2,48	White
HRST-200/150	200	150	157	199	210	2,20	Blue
HRST-200/157	200	157	164	199	210	1,92	Orange
HRST-200/164	200	164	170	199	210	1,67	Yellow

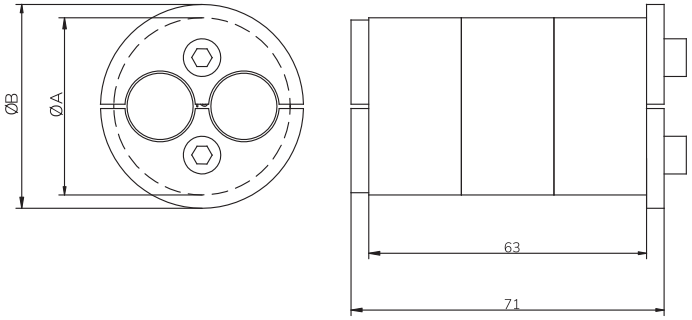
Installation references

See assembly parts	69
See installation guide	127
See inspection check	180

HRST 40 2D15

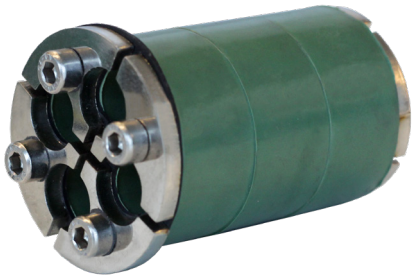
HTS HRST multihole designed for the sealing of up to 2 cables with an external diameter between 10 and 15 mm.

- Empty cable space to be filled with Plug HRST 2D15.
- Ex available under request.



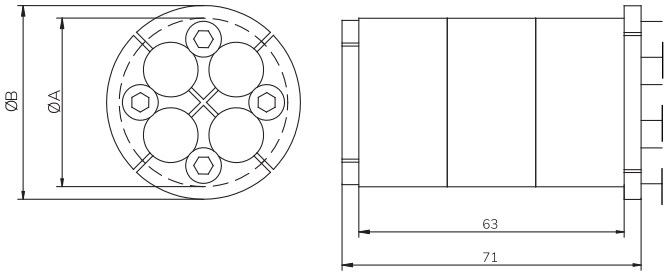
DESCRIPTION	SLEEVE SIZE NEEDED	NUMBER OF CABLES	SEALING FROM	SEALING TO	A (mm)	B (mm)	NUMBER OF BOLT	BOLT SIZE	WEIGHT (Kg)
HRST 40 2D15	40	4	10	15	40	46	2	M5	0,17
Plug HRST 2D15				-					0,02

HRST 40 4D12



HTS HRST multihole designed for the sealing of up to 4 cables with an external diameter between 8 and 12 mm.

- Empty cable space to be filled with Plug HRST 4D12
- Ex available under request.



DESCIPTION	SLEEVE SIZE NEEDED	NUMBER OF CABLES	SEALING FROM	SEALING TO	A (mm)	B (mm)	NUMBER OF BOLT	BOLT SIZE	WEIGHT (Kg)
HRST 40 4D12	40	4	8	12	40	46	4	M5	0,16
Plug HRST 4D12				-					0,02

→ Installation references

See assembly parts 69
See installation guide 127
See inspection check 181