

UERS101—Constant Force Roll Spring

Application

Constant Force Springs are a range of solderless connections for use on lead or aluminium sheaths and copper screened cables. The springs are easily applied by rolling onto the sheath connections, whereupon it continues to exert a constant pressure, even under load conditions.

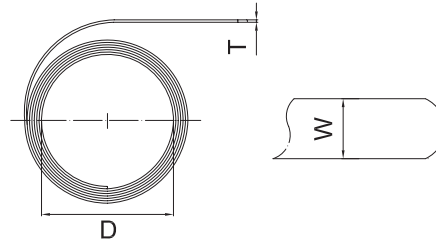
Using constant force springs is an easy and reliable way to earth the cable joint and termination systems as they constantly exert pressure on the earth braid to achieve a reliable continuity.



Feature

- The spring is resilient, non-magnetic.
- The spring is corrosion resistant, Anti-oxidant.
- The spring provides a constant and lasting force to the connection
- The spring is manufactured from stainless steel EN standard 1.4310
- The spring can be applied by hand without any tools

Selection guide



Type	Diameter (D) (mm)	Application diameter range (mm)	Width (W) (mm)	Thickness (T) (mm)	Tensile strength N/mm ²	Circle number
UERS101-8	ø8	11-15	12-0.2	0.14	1250-1600	6.5
UERS101-12	ø12	14-19	15-0.2	0.20	1250-1600	6.5
UERS101-14	ø14	16-21	15-0.2	0.22	1250-1600	6.5
UERS101-16	ø16	18-23	15-0.2	0.22	1250-1600	6.5
UERS101-18	ø18	20-27	15-0.2	0.25	1250-1600	6.5
UERS101-20	ø20	22-29	16-0.2	0.30	1250-1600	6.5
UERS101-22	ø22	24-31	16-0.2	0.30	1250-1600	6.5
UERS101-25	ø25	27-34	16-0.2	0.30	1250-1600	6.5
UERS101-28	ø28	30-37	20-0.2	0.40	1250-1600	6.5
UERS101-30	ø30	32-39	20-0.2	0.40	1250-1600	6.5
UERS101-32	ø32	34-43	20-0.2	0.40	1250-1600	6.5
UERS101-37	ø37	40-49	20-0.2	0.40	1250-1600	6.5
UERS101-40	ø40	43-52	20-0.2	0.50	1250-1600	6.5
UERS101-45	ø45	49-59	20-0.2	0.50	1250-1600	6.5
UERS101-50	ø50	55-65	20-0.2	0.50	1250-1600	6.5
UERS101-55	ø55	60-72	20-0.2	0.50	1250-1600	6.5
UERS101-60	ø60	68-80	20-0.2	0.60	1250-1600	6.5
UERS101-70-1	ø70	78-92	20-0.2	0.60	1250-1600	6.5
UERS101-70-2	ø70	90-150	20-0.2	0.70	≥1600	10
UERS101-75	ø75	83-100	20-0.2	0.60	1250-1600	6.5