

Rubber Shrouded U-bolts [RSU]
Lined U-strap [LUS]

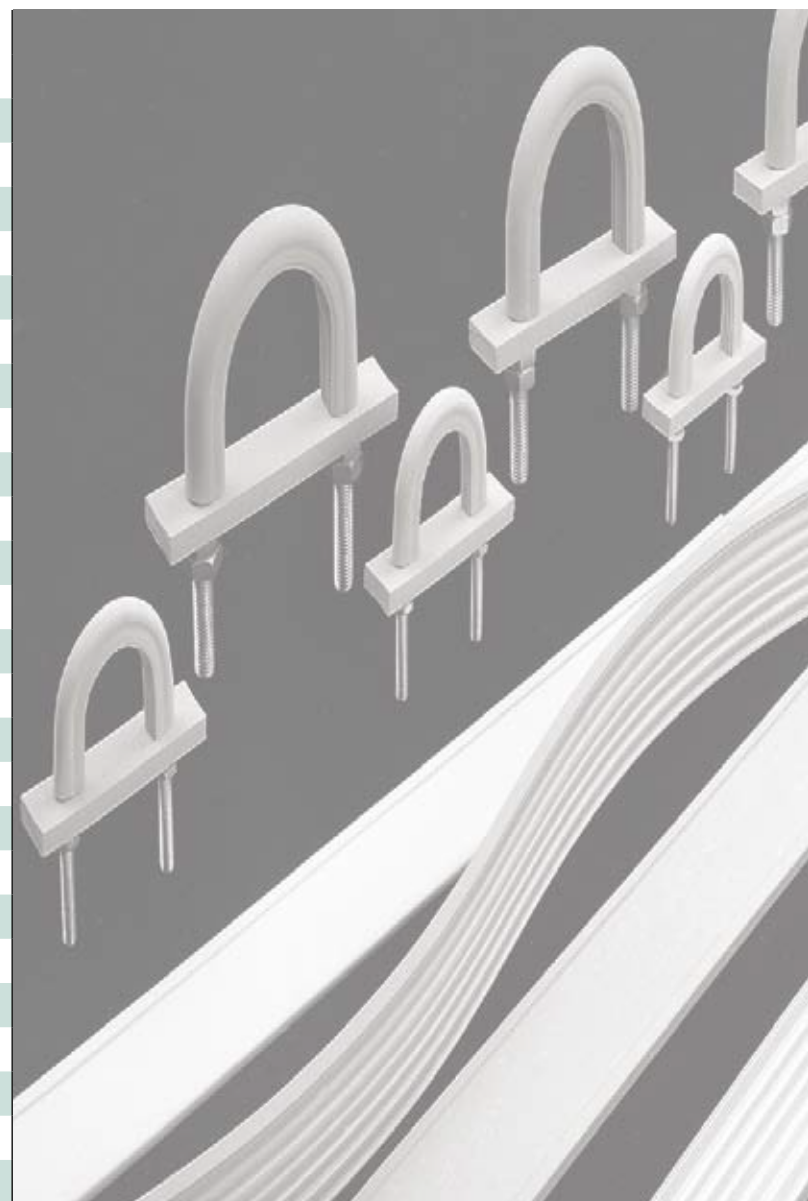


Local Solutions for Individual Customers Worldwide

STAUFF

Material Properties

Property	Test Method	Unit	Material Grade	
			FR80	HTFR65
Hardness, 5 Sec	D2240	Shore A	80	65
Specific Gravity	D297	1.17	1.31	1.05
Ultimate Tensile Strength	D412	MPa	7.2	7.5
Ultimate Elongation	D412	%	410	350
100% Modulus	D412	MPa	3.2	4.0
Compression Set @ 168 Hrs. 25 °C	D395B	%	27.1	10.0
Compression Set @ 168 Hrs. 100 °C	D395B	%	46.3	15.0
Tension Set	D412	%	10.0	12.0
Brittle Point	D746	°C	-56.0	-70.0
Maximum Continuous Temperature		°C	150	300
Oxygen Index	D2863		25.0	35.0
Horizontal Burn	UL94 HB		V-0	V-0
Ozone/UV Resistance			V.Good	V.Good
Dielectric Constant			2.44	2.8
Colour Code				
Type 801			Black	Grey
Type 802			Red	Grey
Type 901			•	•
Type 902			•	•
Type 816			Green	Grey
Type 817			Green	Grey
Type 818			Green	•
Type 916			•	•
Type 917			•	•
Type 918			•	•



Rubber Shouded U-bolts [RSU] Lined U-strap [LUS]

Primarily utilised in order to:

- Reduce vibration noise caused by abrasion against supporting structure
- Pevent corrosion - both the bolt and structure where dissimilar metals are in contact or presence of an electrolyte.
- Protect less resilient or thin walled pipework/cablling.

The standard material for Stauff U-Bolts is carbon steel meeting the requirements of BS4190/DIN601 Grade 4.6 with nuts to BS4190/DIN555 Grade 4.

Stainless Steel: BSENISO3506 Grade A2 (Tp304) or Grade A4 (Tp316)

Other grade materials including zinc plated or black are available on request

Approved to DEFSTAN 07247 category A2.

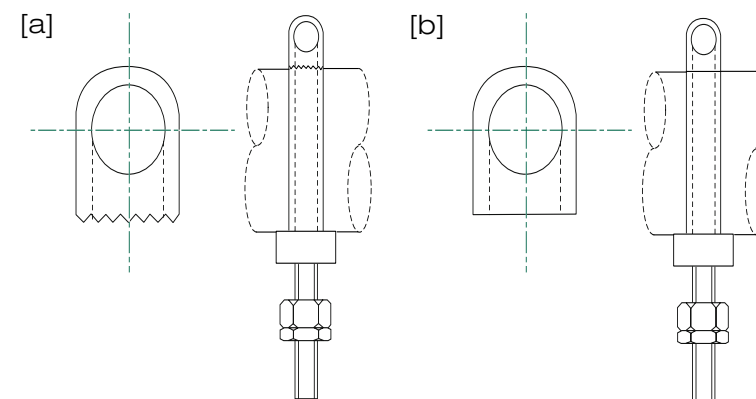
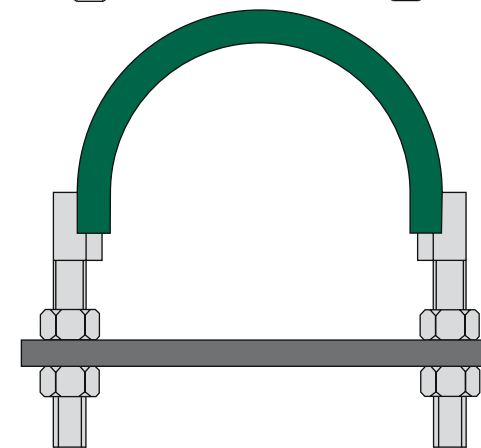
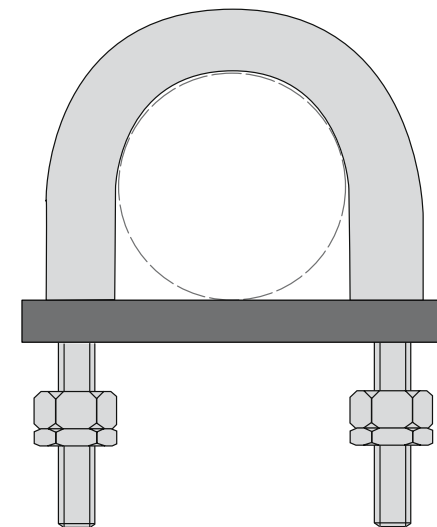
Two profiles available:

- [a] Grip profile
- [b] Non grip profile

Types: **FR80 / HTFR65**

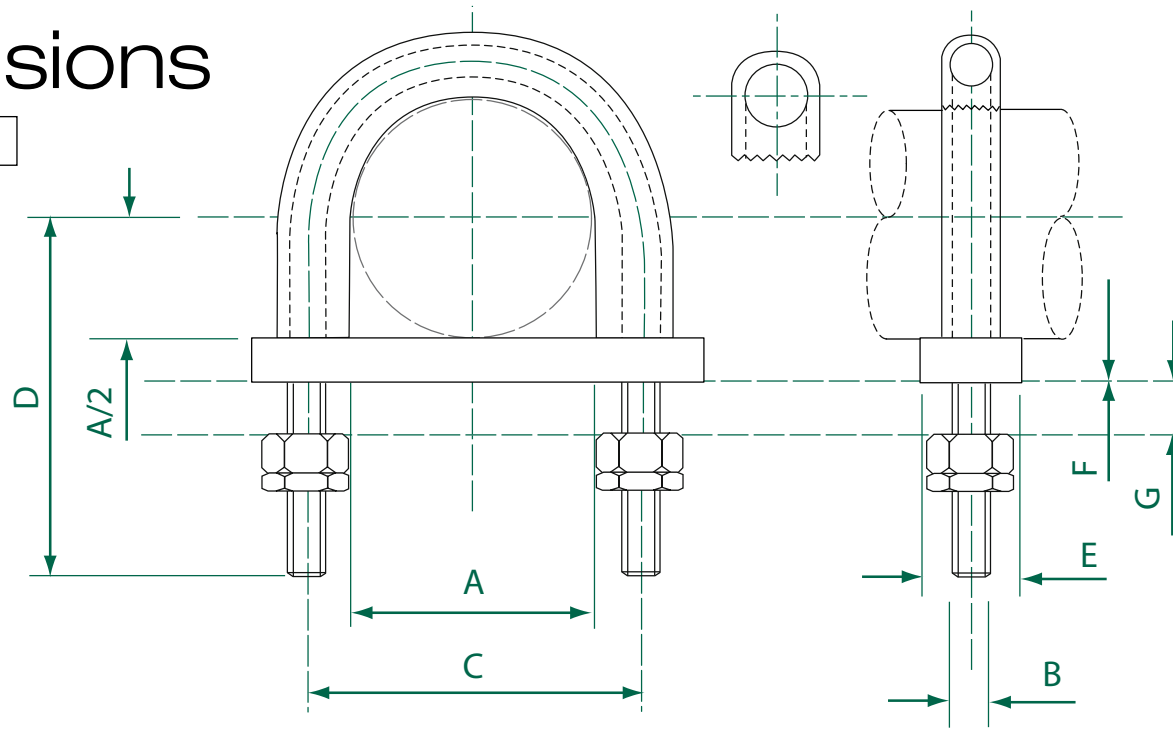
This high temperature material is suitable for applications within the temperature range of -60 to 350°C. It has excellent resistance to fire, and is a zero halogen, low toxicity, non conductive compound and has excellent resistance to ozone, UV and weathering.

See table on following page for full details of material properties.



RSU Dimensions

All Dimensions stated in mm



801 Non-grip Type Lined U-Bolt for Stainless Steel and Galvanised Pipes

Part Number	A	B	C	D	E	F	G	Thread Length
801-021	21	6	37	60	20	8	30	60
801-027	27	6	43	65	20	8	32	64
801-034	34	6	50	65	20	8	28	60
801-043	43	10	69	70	25	10	19	69
801-049	49	10	75	80	25	10	26	76
801-061	61	10	87	90	25	10	30	80
801-072	72	12	98	95	25	10	25	83
801-089	89	12	115	100	25	10	22	80
801-115	115	12	141	110	25	10	19	77
801-140	140	12	166	135	25	10	31	89
801-168	168	16	210	180	35	15	49	128
801-219	219	16	261	200	35	15	44	123
801-245	245	16	287	210	35	15	41	120
801-273	273	16	315	225	35	15	42	121
801-324	324	16	366	250	35	15	41	120
801-356	356	16	398	265	35	15	40	119
801-407	407	16	449	300	35	15	50	129

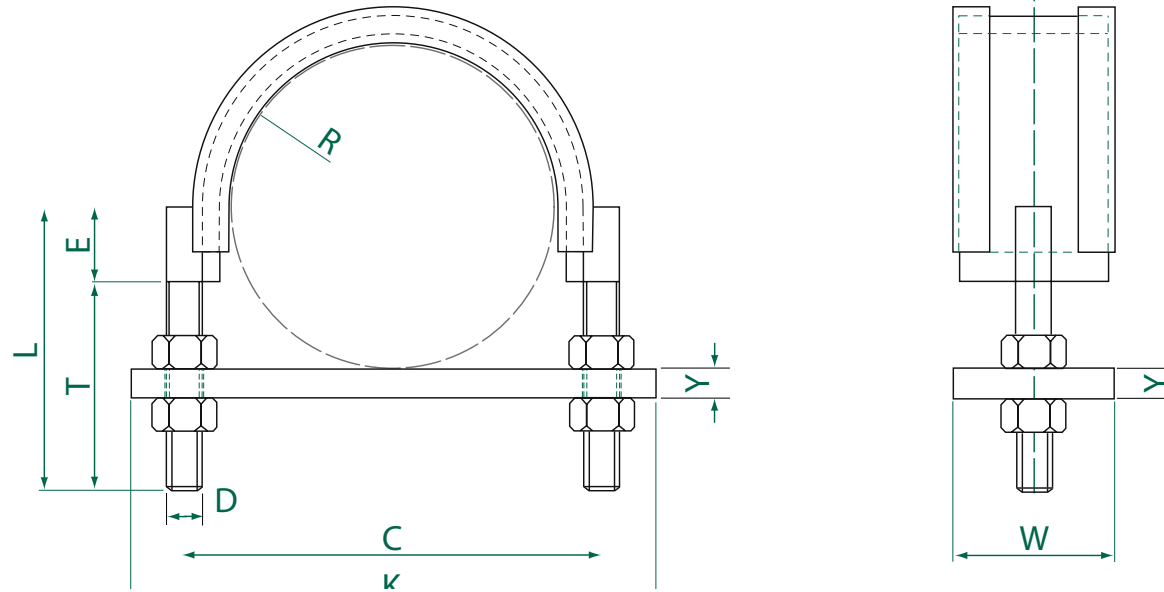
802 Non-grip Type Lined U-Bolt for Copper and Cupro-Nickel Pipes

Part Number	A	B	C	D	E	F	G	Thread Length
802-016	16	6	32	60	20	8	32	60
802-025	25	6	41	65	20	8	33	65
802-030	30	6	46	65	20	8	30	62
802-038	38	10	64	70	25	10	21	70
802-045	45	10	71	80	25	10	28	78
802-057	57	10	83	90	25	10	32	82
802-076	76	12	102	100	25	10	28	86
802-089	89	12	115	110	25	10	32	90
802-108	108	12	134	120	25	10	32	90
802-159	159	16	201	165	35	15	39	118
802-219	219	16	261	200	35	15	44	123

Temperature range for both 801 and 802 types: -60°C to +300°C

LUS Dimensions

All Dimensions stated in mm



Nom Pipe Size	Pipe O.D.	R	C	D	E	L	T	H	W	K	Y
100	108	58	140	12	25	125	100	6	25	176	10
125	133	71	165	12	35	135	100	6	25	202	10
150	159	84	195	16	40	160	120	6	35	244	15
200	219.1	114	255	16	70	190	120	6	35	304	15
250	267	138	315	20	90	225	135	10	50	368	15
300	323.9	166	372	20	120	260	140	10	50	426	15
100	116	62	148	12	25	125	100	6	25	185	10
125	143	76	175	12	35	140	105	6	25	212	10
150	170	89	206	16	45	165	120	6	35	255	15
200	223	116	259	16	70	190	120	6	35	308	15
250	281	145	329	20	95	230	135	10	50	382	15
300	334	171	382	20	125	260	135	10	50	436	15
350	358	183	406	20	135	270	135	10	50	460	15
400	408	208	456	20	150	300	150	10	80	512	15
450	461	235	513	24	170	335	165	10	80	580	15
500	511	260	563	24	200	360	160	10	80	631	15
600	614	311	666	24	240	415	175	10	100	735	20
700	740	374	812	24	300	480	180	20	100	863	20

Temperature range: -60C to +300°C