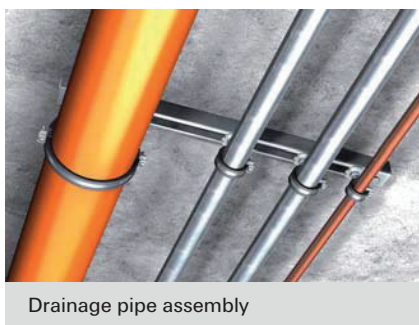
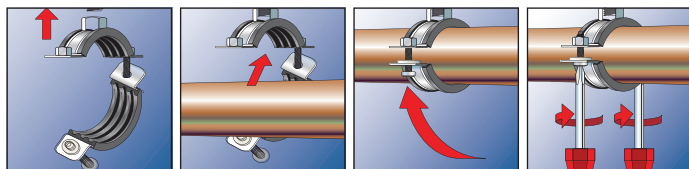




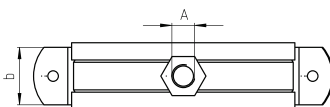
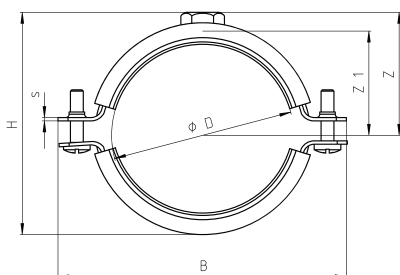
ADVANTAGES/BENEFITS

- Simple installation due to large opening angle.
- Locking screw secured against loss.
- Combination connecting thread for cost-effective warehousing and flexibility at the construction site.

INSTALLATION



TECHNICAL DATA



PROPERTIES

- **Material:** Steel
- **Zinc plating:** Electro zinc plated 5 - 9 µm
- **Standard:** comply with ASTM B633 SC1
Also available in SC3 on special request.
- Also available in dacromet finish 8.6 µm
- **Connecting nut:** resistance welded, M8, SW 13
- **Locking screw:** flat head screw with combination recessed head
- **Sound Insulation inserts:**
Material EPDM: Chlorine-free; Silicon-free
- **Sound insulation:** acc. to DIN 4109
- **Temperature range:** -40 °C to +100 °C
- **Hardness:** 60 ± 5° Shore

Item	Galvanized Art.-NO.	Dacromet Art.-NO.	Qty. per box pcs.	Size (inch)	Clamping range D (mm)	s x b (mm)	Screw M	Thread diameter A (mm)	Recommended load N _{rec} (kN)	Design load N _d (kN)
FRSR 11-14 M8 / M10	534133	560283	100	1/4"	11-14	1.2 x 20	M5 x 16	M8+M10	0.85	1.19
FRSR 15-19 M8 / M10	534134	560284	100	3/8"	15-19	1.2 x 20	M5 x 16	M8+M10	0.85	1.19
FRSR 20-25 M8 / M10	534135	560285	100	1/2"	20-25	1.2 x 20	M5 x 16	M8+M10	0.85	1.19
FRSR 26-30 M8 / M10	534136	560286	100	3/4"	26-30	1.2 x 20	M5 x 16	M8+M10	0.85	1.19
FRSR 32-36 M8 / M10	534137	560287	100	1"	32-36	1.2 x 20	M5 x 16	M8+M10	0.85	1.19
FRSR 38-43 M8 / M10	534138	560288	50	1-1/4"	38-43	1.2 x 20	M5 x 20	M8+M10	0.85	1.19
FRSR 47-51 M8 / M10	534139	560289	50	1-1/2"	47-51	1.2 x 20	M5 x 20	M8+M10	0.85	1.19
FRSR 53-58 M8 / M10	534140	560290	50	-	53-58	1.2 x 20	M5 x 20	M8+M10	0.85	1.19
FRSR 60-64 M8 / M10	534141	560291	50	2"	60-64	1.2 x 20	M5 x 20	M8+M10	0.85	1.19
FRSR 63-67 M8 / M10	534142	560292	25	65	63-67	1.2 x 20	M5 x 20	M8+M10	0.85	1.19
FRSR 68-72 M8 / M10	534143	560294	25	-	68-72	1.5 x 20	M6 x 20	M8+M10	0.85	1.19
FRSR 75-80 M8 / M10	534144	560295	25	2-1/2"	75-80	1.5 x 20	M6 x 20	M8+M10	0.85	1.19
FRSR 81-86 M8 / M10	534145	560296	25	-	81-86	1.5 x 20	M6 x 20	M8+M10	1.6	2.24
FRSR 87-92 M8 / M10	534146	560297	25	3"	87-92	1.5 x 20	M6 x 20	M8+M10	1.6	2.24
FRSR 99-105 M8 / M10	534147	560298	20	3-1/2"	99-105	2.0 x 20	M6 x 20	M8+M10	1.6	2.24
FRSR 107-112 M8 / M10	534148	560299	20	-	107-112	2.0 x 20	M6 x 20	M8+M10	1.6	2.24
FRSR 113-118 M8 / M10	534149	560300	10	4"	113-118	2.0 x 20	M6 x 20	M8+M10	2.2	3.08
FRSR 125-130 M8 / M10	534150	560301	10	-	125-130	2.0 x 20	M6 x 20	M8+M10	2.2	3.08
FRSR 131-137 M8 / M10	560264	560302	10	-	131-137	2.0 x 20	M6 x 20	M8+M10	2.2	3.08
FRSR 138-142 M8 / M10	534151	560303	10	5"	138-142	2.0 x 20	M6 x 20	M8+M10	2.2	3.08
FRSR 148-153 M8 / M10	560265	560304	10	-	148-153	2.0 x 20	M6 x 20	M8+M10	2.2	3.08
FRSR 159-166 M8 / M10	534152	560305	8	6"	159-166	2.0 x 20	M6 x 20	M8+M10	2.2	3.08
FRSR 168-172 M8 / M10	560266	560306	8	-	168-172	2.0 x 20	M6 x 20	M8+M10	2.2	3.08
FRSR 175-183 M8 / M10	560272	560313	8	-	175-183	2.0 x 20	M6 x 20	M8+M10	2.2	3.08
FRSR 193-203 M8 / M10	560268	560307	8	-	193-203	2.0 x 20	M6 x 20	M8+M10	2.2	3.08
FRSR 200-212 M8 / M10	534153	560308	8	-	200-212	2.0 x 20	M6 x 20	M8+M10	2.5	3.5
FRSR 215-220 M8 / M10	534154	560309	8	8"	215-220	2.0 x 20	M6 x 20	M8+M10	2.5	3.5
FRSR 249-253 M8 / M10	560269	560310	8	-	249-253	2.0 x 20	M6 x 20	M8+M10	2.5	3.5
FRSR 292-296 M8 / M10	560273	560314	8	-	292-296	2.0 x 20	M6 x 20	M8+M10	2.5	3.5
FRSR 313-318 M8 / M10	560270	560311	8	-	313-318	2.0 x 20	M6 x 20	M8+M10	2.5	3.5
FRSR 320-328 M8 / M10	560271	560312	8	-	320-328	2.0 x 20	M6 x 20	M8+M10	2.5	3.5