Weld-on lugs for pipes Type 41

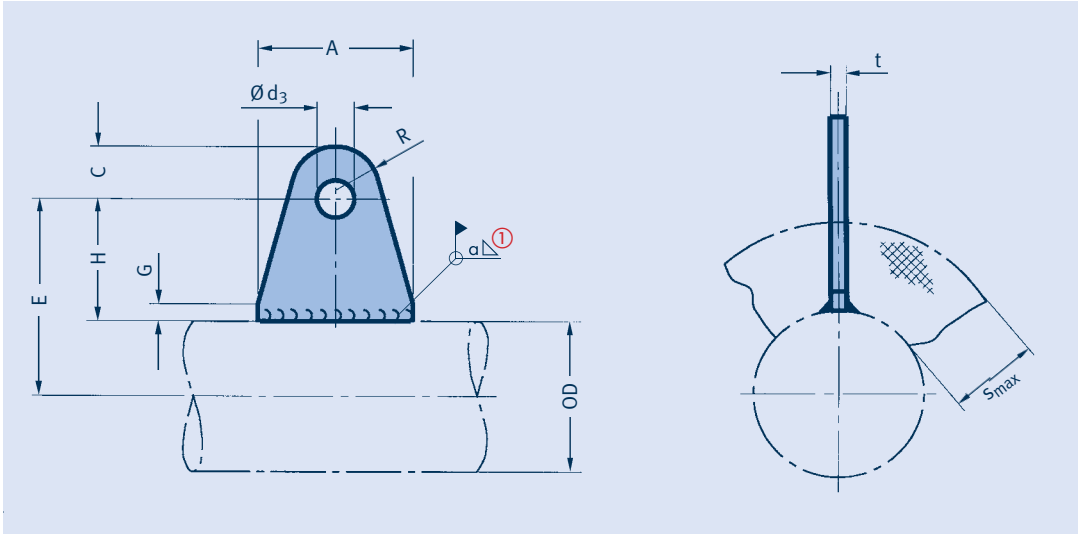
Weld-on lugs for pipes type 49 D9 11 to 49 79 12

① Permissible load at 80°C = normal operating conditions (load case H) of the corresponding load group (3rd place in the type designation, see "Max. permissible load for static components", p. 0.6).

Existing stress in the specified weld seam < 50 N/mm² at 4° angled tension.

Material: S235JR

type 41 .. 11 s_{max} = 10mm
type 41 .. 12 s_{max} = 100mm



type	A	Ø d_3	H	R	C	G	t	a ①	weight [kg]
41 D9 11	30	10.5	25	15	15	10	8	3.0	0.06
41 D9 12	30	10.5	115	15	15	10	8	3.0	0.23
41 29 11	35	12.5	25	17.5	22	10	10	3.0	0.11
41 29 12	65	12.5	115	17.5	22	10	10	3.0	0.49
41 39 11	45	16.5	30	22.5	28	10	12	4.5	0.21
41 39 12	70	16.5	120	22.5	28	10	12	4.5	0.75
41 49 11	80	20.5	40	30	37	10	15	4.5	0.53
41 49 12	120	20.5	125	30	37	10	15	4.5	1.60
41 59 11	85	24.5	40	32.5	40	10	20	5.5	0.75
41 59 12	130	24.5	130	32.5	40	10	20	5.5	2.30
41 69 11	120	34	50	40	50	10	25	6.5	1.60
41 69 12	165	34	140	40	50	10	25	6.5	4.10
41 79 11	170	41	60	50	65	10	30	6.5	3.20
41 79 12	230	41	150	50	65	10	30	6.5	7.30

Reduction factors of permissible load at increased temperatures:

T	F perm. (T)
250°C	0.7 F perm. (80°C)
350°C	0.5 F perm. (80°C)

Order details:
weld-on lugs for pipes
type 41 .9 1.

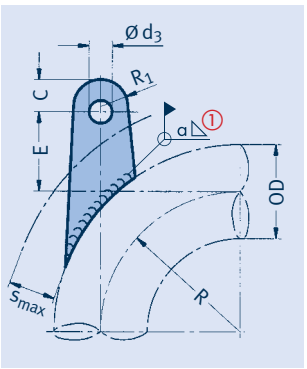
Weld-on lugs for pipe elbows Type 41

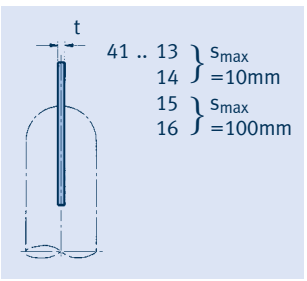
S_{max} = 10mm				S_{max} = 100mm									
type	E	a	weight [kg]	type	E	a	weight [kg]	OD	load ① group	C	R_1	t	d_3
41 06 13	35	3.0	0.13	41 06 15	135	3.0	0.44	60.3	C-2	22	17.5	8	12.5
41 07 13	30	3.0	0.13	41 07 15	135	3.0	0.44	73	C-2	22	17.5	8	12.5
41 08 13	35	3.0	0.13	41 08 15	135	3.0	0.44	76.1	C-2	22	17.5	8	12.5
41 09 13	30	3.0	0.13	41 09 15	135	3.0	0.44	88.9	C-2	22	17.5	8	12.5
41 09 14	35	3.0	0.24	41 09 16	140	4.5	0.75	88.9	2-3	28	22.5	10	16.5
41 10 13	30	3.0	0.13	41 10 15	135	3.0	0.44	108	C-2	22	17.5	8	12.5
41 10 14	35	3.0	0.25	41 10 16	140	4.5	0.75	108	2-3	28	22.5	10	16.5
41 11 13	30	3.0	0.14	41 11 15	135	3.0	0.45	114.3	C-2	22	17.5	8	12.5
41 11 14	35	3.0	0.25	41 11 16	140	4.5	0.75	114.3	2-3	28	22.5	10	16.5
41 13 13	25	3.0	0.14	41 13 15	135	3.0	0.46	133	C-2	22	17.5	8	12.5
41 13 14	30	3.0	0.25	41 13 16	140	4.5	0.77	133	2-3	28	22.5	10	16.5
41 14 13	25	3.0	0.14	41 14 15	135	3.0	0.47	139.7	C-2	22	17.5	8	12.5
41 14 14	40	4.5	0.62	41 14 16	145	4.5	1.60	139.7	3-4	37	30	15	20.5
41 16 13	25	3.0	0.14	41 16 15	135	3.0	0.47	159	C-2	22	17.5	8	12.5
41 16 14	40	4.5	0.62	41 16 16	145	4.5	1.70	159	3-4	37	30	15	20.5
41 17 13	25	3.0	0.25	41 17 15	140	4.5	0.78	168.3	2-3	28	22.5	10	16.5
41 17 14	40	5.5	0.87	41 17 16	150	5.5	2.30	168.3	4-5	40	32.5	18	24.5
41 19 13	20	3.0	0.25	41 19 15	135	4.5	0.78	193.7	2-3	28	22.5	10	16.5
41 19 14	35	5.5	0.88	41 19 16	145	5.5	2.30	193.7	4-5	40	32.5	18	24.5
41 22 13	20	3.0	0.25	41 22 15	135	4.5	0.80	219.1	2-3	28	22.5	10	16.5
41 22 14	35	5.5	0.90	41 22 16	145	5.5	2.30	219.1	4-5	40	32.5	18	24.5
41 24 13	15	3.0	0.25	41 24 15	130	4.5	0.80	244.5	2-3	28	22.5	10	16.5
41 24 14	30	5.5	0.90	41 24 16	145	5.5	2.40	244.5	4-5	40	32.5	18	24.5
41 26 13	10	3.0	0.25	41 26 15	125	4.5	0.80	267	2-3	28	22.5	10	16.5
41 26 14	25	5.5	0.90	41 26 16	140	5.5	2.40	267	4-5	40	32.5	18	24.5
41 27 13	15	3.0	0.26	41 27 15	130	4.5	0.80	273	2-3	28	22.5	10	16.5
41 27 14	25	5.5	0.90	41 27 16	145	5.5	2.40	273	4-5	40	32.5	18	24.5
41 32 13	15	4.5	0.62	41 32 15	130	4.5	1.70	323.9	3-4	37	30	15	20.5
41 32 14	25	6.5	1.40	41 32 16	145	6.5	3.70	323.9	5-6	50	40	20	34
41 36 13	-10	4.5	0.62	41 36 15	115	4.5	1.70	355.6	3-4	37	30	15	20.5
41 36 14	5	6.5	1.50	41 36 16	125	6.5	3.70	355.6	5-6	50	40	20	34
41 37 13	0	4.5	0.62	41 37 15	120	4.5	1.80	368	3-4	37	30	15	20.5
41 37 14	15	6.5	1.50	41 37 16	130	6.5	3.70	368	5-6	50	40	20	34
41 41 13	-15	4.5	0.65	41 41 15	105	4.5	1.80	406.4	3-4	37	30	15	20.5
41 41 14	-5	6.5	1.50	41 41 16	115	6.5	3.70	406.4	5-6	50	40	20	34
41 42 13	-10	4.5	0.65	41 42 15	115	4.5	1.80	419	3-4	37	30	15	20.5
41 42 14	5	6.5	1.50	41 42 16	125	6.5	3.80	419	5-6	50	40	20	34
41 46 13	-20	5.5	0.90	41 46 15	100	5.5	2.40	457.2	4-5	40	32.5	18	24.5
41 46 14	0	6.5	3.40	41 46 16	120	6.5	7.10	457.2	6-7	65	50	25	41
41 51 13	-30	5.5	0.90	41 51 15	95	5.5	2.50	508	4-5	40	32.5	18	24.5
41 51 14	-10	6.5	3.40	41 51 16	110	6.5	7.10	508	6-7	65	50	25	41
41 56 13	-40	5.5	0.90	41 56 15	85	5.5	2.50	558.8	4-5	40	32.5	18	24.5
41 56 14	-20	6.5	3.40	41 56 16	105	6.5	7.10	558.8	6-7	65	50	25	41
41 61 13	-45	5.5	0.90	41 61 15	80	5.5	2.50	609.6	4-5	40	32.5	18	24.5
41 61 14	-30	6.5	3.40	41 61 16	95	6.5	7.10	609.6	6-7	65	50	25	41
41 66 13	-55	5.5	0.90	41 66 15	70	5.5	2.50	660.4	4-5	40	32.5	18	24.5
41 66 14	-35	6.5	3.40	41 66 16	85	6.5	7.10	660.4	6-7	65	50	25	41
41 71 13	-65	5.5	0.90	41 71 15	60	5.5	2.50	711.2	4-5	40	32.5	18	24.5
41 71 14	-45	6.5	3.40	41 71 16	80	6.5	7.20	711.2	6-7	65	50	25	41
41 76 13	-75	5.5	0.90	41 76 15	50	5.5	2.50	762	4-5	40	32.5	18	24.5
41 76 14	-55	6.5	3.40	41 76 16	70	6.5	7.20	762	6-7	65	50	25	41

① Permissible loads at 80°C = normal operating conditions (load case H) of the specified load group in each case (see "Max. permissible load for static components", p. 0.6).

Stress existing in the specified weld seam < 50 N/mm² at 4° angled tension.

Weld-on lugs for pipe elbows (R ≈ 1.5 OD) type 41 06 13 to 41 76 16





Reduction factors of permissible load at increased temperatures:

T	F perm. (T)
250°C	0.7 F perm. (80°C)
350°C	0.5 F perm. (80°C)

Order details:
weld-on lug for pipe elbows R ≈ 1.5 OD type 41 .. 1.