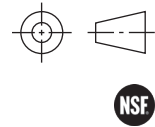
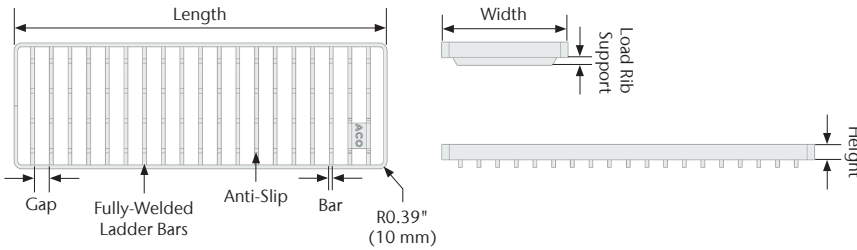


BoxDrain Grates - Ladder



Specification Clause

ACO BoxDrain Ladder Grates. Used with ACO BoxDrain Channels. Made from AISI 304 or 316L grade stainless steel with electropolish finish. Fully welded hygienic joints. Fully drainable, inspectable and cleanable. Load Class Per ASME A112.6.3. Certified to NSF/ANSI/3-a Standard 14159-1.

ACO recommends checking local plumbing codes prior to installation.

Parts	Part No.	Width in (mm)	Length in (mm)	Height in (mm)	Gap in (mm)	Bar in (mm)	Grate Material	Weight lbs.	EN1253 Load Class	ASME Load Class	Load Rib Support
Ladder Grate - BoxDrain 150	446300	4.65 (118)	19.69 (500)	0.79 (20)	0.79 (20)	0.16 (4)	AISI 304	4.8	R50	Light Duty	N
	446302	4.65 (118)	19.69 (500)	0.79 (20)	0.79 (20)	0.20 (5)	AISI 304	5.5	M125	Medium Duty	N
	446304	4.65 (118)	19.69 (500)	0.79 (20)	0.79 (20)	0.24 (6)	AISI 304	6.2	N250	Heavy Duty	N
	446382	4.65 (118)	19.69 (500)	0.79 (20)	0.63 (16)	0.47 (12)	AISI 304	9.9	P400	Extra Heavy Duty	N
	446301	4.65 (118)	19.69 (500)	0.79 (20)	0.79 (20)	0.16 (4)	AISI 316L	4.8	R50	Light Duty	N
	446303	4.65 (118)	19.69 (500)	0.79 (20)	0.79 (20)	0.20 (5)	AISI 316L	5.5	M125	Medium Duty	N
	446305	4.65 (118)	19.69 (500)	0.79 (20)	0.79 (20)	0.24 (6)	AISI 316L	6.2	N250	Heavy Duty	N
Ladder Grate - BoxDrain 200	446384	4.65 (118)	19.69 (500)	0.79 (20)	0.63 (16)	0.47 (12)	AISI 316L	9.9	P400	Extra Heavy Duty	N
	416802	6.61 (168)	19.69 (500)	0.79 (20)	0.79 (20)	0.16 (4)	AISI 304	6.8	R50	Light Duty	N
	416808	6.61 (168)	15.75 (400)	0.79 (20)	0.79 (20)	0.16 (4)	AISI 304	5.1	R50	Light Duty	N
	416804	6.61 (168)	19.69 (500)	0.79 (20)	0.79 (20)	0.20 (5)	AISI 304	9.6	M125	Medium Duty	Y
	416810	6.61 (168)	15.75 (400)	0.79 (20)	0.79 (20)	0.20 (5)	AISI 304	7.7	M125	Medium Duty	Y
	416844	6.61 (168)	19.69 (500)	0.79 (20)	0.79 (20)	0.24 (6)	AISI 304	11.1	N250	Heavy Duty	Y
	416846	6.61 (168)	15.75 (400)	0.79 (20)	0.79 (20)	0.24 (6)	AISI 304	8.6	N250	Heavy Duty	Y
	446386	6.61 (168)	19.69 (500)	0.79 (20)	0.79 (20)	0.31 (8)	AISI 304	13.2	P400	Extra Heavy Duty	Y
	416803	6.61 (168)	19.69 (500)	0.79 (20)	0.79 (20)	0.16 (4)	AISI 316L	6.8	R50	Light Duty	N
	416809	6.61 (168)	15.75 (400)	0.79 (20)	0.79 (20)	0.16 (4)	AISI 316L	5.1	R50	Light Duty	N
	416805	6.61 (168)	19.69 (500)	0.79 (20)	0.79 (20)	0.20 (5)	AISI 316L	9.6	M125	Medium Duty	Y
Ladder Grate - BoxDrain 300	416811	6.61 (168)	15.75 (400)	0.79 (20)	0.79 (20)	0.20 (5)	AISI 316L	7.7	M125	Medium Duty	Y
	416845	6.61 (168)	19.69 (500)	0.79 (20)	0.79 (20)	0.24 (6)	AISI 316L	11.1	N250	Heavy Duty	Y
	416847	6.61 (168)	15.75 (400)	0.79 (20)	0.79 (20)	0.24 (6)	AISI 316L	8.6	N250	Heavy Duty	Y
	446388	6.61 (168)	19.69 (500)	0.79 (20)	0.79 (20)	0.31 (8)	AISI 316L	13.2	P400	Extra Heavy Duty	Y
	416814	10.55 (268)	19.69 (500)	0.79 (20)	0.79 (20)	0.16 (4)	AISI 304	9.3	R50	Light Duty	N
	416812	10.55 (268)	11.81 (300)	0.79 (20)	0.79 (20)	0.16 (4)	AISI 304	5.5	R50	Light Duty	N
	416818	10.55 (268)	19.69 (500)	0.79 (20)	0.79 (20)	0.20 (5)	AISI 304	14.9	M125	Medium Duty	Y
	416816	10.55 (268)	11.81 (300)	0.79 (20)	0.79 (20)	0.20 (5)	AISI 304	9	M125	Medium Duty	Y
	416848	10.55 (268)	19.69 (500)	0.79 (20)	0.71 (18)	0.24 (6)	AISI 304	17.6	N250	Heavy Duty	Y
	416850	10.55 (268)	11.81 (300)	0.79 (20)	0.71 (18)	0.24 (6)	AISI 304	10.3	N250	Heavy Duty	Y
	446390	10.55 (268)	19.69 (500)	0.79 (20)	0.67 (17)	0.39 (10)	AISI 304	26.4	P400	Extra Heavy Duty	Y
Ladder Grate - BoxDrain 400	416815	10.55 (268)	19.69 (500)	0.79 (20)	0.79 (20)	0.16 (4)	AISI 316L	9.3	R50	Light Duty	N
	416813	10.55 (268)	11.81 (300)	0.79 (20)	0.79 (20)	0.16 (4)	AISI 316L	5.5	R50	Light Duty	N
	416819	10.55 (268)	19.69 (500)	0.79 (20)	0.79 (20)	0.20 (5)	AISI 316L	14.9	M125	Medium Duty	Y
	416817	10.55 (268)	11.81 (300)	0.79 (20)	0.79 (20)	0.20 (5)	AISI 316L	9	M125	Medium Duty	Y
	416849	10.55 (268)	19.69 (500)	0.79 (20)	0.71 (18)	0.24 (6)	AISI 316L	17.6	N250	Heavy Duty	Y
	416851	10.55 (268)	11.81 (300)	0.79 (20)	0.71 (18)	0.24 (6)	AISI 316L	10.3	N250	Heavy Duty	Y
	446392	10.55 (268)	19.69 (500)	0.79 (20)	0.67 (17)	0.39 (10)	AISI 316L	26.4	P400	Extra Heavy Duty	Y
	416822	14.49 (368)	23.62 (600)	1.18 (30)	0.79 (20)	0.16 (4)	AISI 304	27.6	R50	Light Duty	N
	416800	14.49 (368)	19.69 (500)	1.18 (30)	0.79 (20)	0.16 (4)	AISI 304	22.3	R50	Light Duty	N
	416820	14.49 (368)	15.75 (400)	1.18 (30)	0.79 (20)	0.16 (4)	AISI 304	37.3	R50	Light Duty	N
	416826	14.49 (368)	23.62 (600)	1.18 (30)	0.79 (20)	0.20 (5)	AISI 304	29.2	M125	Medium Duty	N
Ladder Grate - BoxDrain 500	416806	14.49 (368)	19.69 (500)	1.18 (30)	0.79 (20)	0.20 (5)	AISI 304	27.6	M125	Medium Duty	N
	416824	14.49 (368)	15.75 (400)	1.18 (30)	0.79 (20)	0.20 (5)	AISI 304	22.3	M125	Medium Duty	N
	416823	14.49 (368)	23.62 (600)	1.18 (30)	0.79 (20)	0.16 (4)	AISI 316L	37.3	R50	Light Duty	N
	416801	14.49 (368)	19.69 (500)	1.18 (30)	0.79 (20)	0.16 (4)	AISI 316L	29.2	R50	Light Duty	N
	416821	14.49 (368)	15.75 (400)	1.18 (30)	0.79 (20)	0.16 (4)	AISI 316L	27.6	R50	Light Duty	N
	416827	14.49 (368)	23.62 (600)	1.18 (30)	0.79 (20)	0.20 (5)	AISI 316L	22.3	M125	Medium Duty	N
	416807	14.49 (368)	19.69 (500)	1.18 (30)	0.79 (20)	0.20 (5)	AISI 316L	37.3	M125	Medium Duty	N
	416825	14.49 (368)	15.75 (400)	1.18 (30)	0.79 (20)	0.20 (5)	AISI 316L	29.2	M125	Medium Duty	N
	416828	18.43 (468)	19.69 (500)	1.18 (30)	0.79 (20)	0.20 (5)	AISI 304	27.6	R50	Light Duty	N
	416830	18.43 (468)	15.75 (400)	1.18 (30)	0.79 (20)	0.20 (5)	AISI 304	22.3	R50	Light Duty	N
	Ladder Grate - BoxDrain 600	416832	18.43 (468)	19.69 (500)	1.18 (30)	0.79 (20)	0.24 (6)	AISI 304	37.3	M125	Medium Duty
416834		18.43 (468)	15.75 (400)	1.18 (30)	0.79 (20)	0.24 (6)	AISI 304	29.2	M125	Medium Duty	N
416829		18.43 (468)	19.69 (500)	1.18 (30)	0.79 (20)	0.20 (5)	AISI 316L	27.6	R50	Light Duty	N
416831		18.43 (468)	15.75 (400)	1.18 (30)	0.79 (20)	0.20 (5)	AISI 316L	22.3	R50	Light Duty	N
416833		18.43 (468)	19.69 (500)	1.18 (30)	0.79 (20)	0.24 (6)	AISI 316L	37.3	M125	Medium Duty	N
Ladder Grate - BoxDrain 800	416835	18.43 (468)	15.75 (400)	1.18 (30)	0.79 (20)	0.24 (6)	AISI 316L	29.2	M125	Medium Duty	N
	416838	22.36 (568)	11.81 (300)	1.18 (30)	0.75 (19)	0.24 (6)	AISI 304	23.6	R50	Light Duty	N
416839	22.36 (568)	11.81 (300)	1.18 (30)	0.75 (19)	0.24 (6)	AISI 316L	23.6	R50	Light Duty	N	
416842	30.24 (768)	15.75 (400)	1.18 (30)	0.79 (20)	0.24 (6)	AISI 304	46.9	R50	Light Duty	N	
416843	30.24 (768)	15.75 (400)	1.18 (30)	0.79 (20)	0.24 (6)	AISI 316L	46.9	R50	Light Duty	N	

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ACO Specification Information