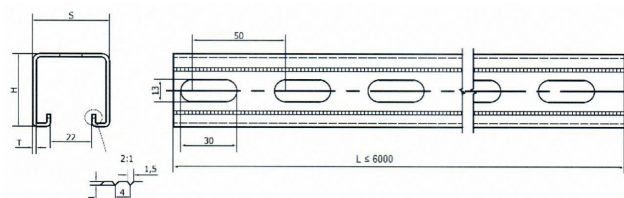


STRUT channel for building installations and ventilation systems

LDBST



Dimensions



Description

LDBST strut channel are available in 2 to 6 m long and 1.6, 1.9, 2.0, and 2.5 mm thick sections. The STRUT channels are the main components of HVAC and cooling installation systems and can come very handy in fastening of any suspended installations. The serrated inturred edges interlock with SNP, SNL and SNKL unistrut channel nut washers to hold the channel and its fastening bolts in place, as installed. The Strut channels are compatible with the ST-ROF system for building roof supports and cantilever support arms.

Note:

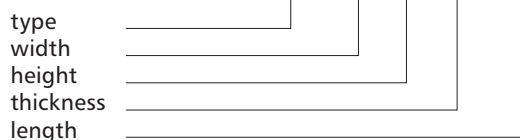
Outdoor roof structures require LDBSO strut channel with a full hot-dip galvanic coating which provides long-terms resistance to outdoor weathering.

Available materials - Product code example

LDBST-.....-..... - galvanized steel sheet

Product code example

Product code: **LDBST - 41 - 41 - 200 - 0300**



Type	S (mm)	H (mm)	T (mm)	L (m)
LDBST-41-21-200-0300	41	21	2.00	3.00
LDBST-41-21-200-0400	41	21	2.00	4.00
LDBST-41-21-200-0600	41	21	2.00	6.00
LDBST-41-21-250-0300	41	21	2.50	3.00
LDBST-41-21-250-0400	41	21	2.50	4.00
LDBST-41-21-250-0600	41	21	2.50	6.00
LDBST-41-41-200-0300	41	41	2.00	3.00
LDBST-41-41-200-0400	41	41	2.00	4.00
LDBST-41-41-200-0600	41	41	2.00	6.00
LDBST-41-41-250-0300	41	41	2.50	3.00
LDBST-41-41-250-0400	41	41	2.50	4.00
LDBST-41-41-250-0600	41	41	2.50	6.00

Standard sections are 6 m long.

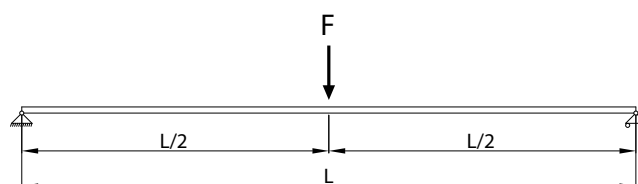
STRUT channel for building installations and ventilation systems

LDBST

Maximum acceptable load capacity of LDBST channels in various load cases

Support spacing <i>L (mm)</i>	Maximum acceptable load <i>F (N)</i>				
	<i>LDBST-41-21-160</i>	<i>LDBST-41-21-200</i>	<i>LDBST-41-21-250</i>	<i>LDBST-41-41-200</i>	<i>LDBST-41-41-205</i>
250	2050	3251	3746	12167	14613
300		2709	3122	10139	12178
350		2322	2676	8691	10438
400		2032	2341	7605	9133
450		1714	2081	6760	8118
500	840	1388	1858	6084	7307
600		964	1290	5070	6050
700		708	948	3749	4445
800		542	726	2870	3403
900		428	573	2268	2689
1000	160	347	464	1837	2178
1200		241	322	1276	1513
1400		177	237	937	1111
1600	68	136	181	718	847
1800		107	143	567	672
2000		86	116	459	544
2250		68	92	362	430
2500		55	74	293	348
2750		46	61	242	288
3000				204	242
3250				173	206
3500				149	178
3750				130	155
4000				115	136
4250				101	121
4500				91	107
4750				81	96
5000				73	87
5250				67	79
5500				61	72
5750				55	65
6000				51	60

Load diagram



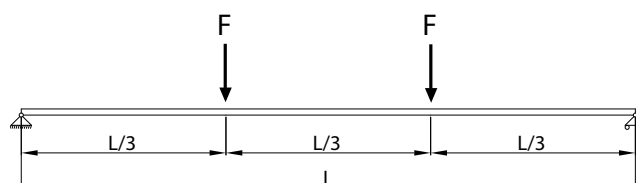
STRUT channel for building installations and ventilation systems

LDBST

Maximum acceptable load capacity of LDBST channels in various load cases

Support spacing <i>L (mm)</i>	Maximum acceptable load <i>F (N)</i>			
	<i>LDBST-41-21-200</i>	<i>LDBST-41-21-250</i>	<i>LDBST-41-41-200</i>	<i>LDBST-41-41-250</i>
250	2438	2810	9125	10960
300	2032	2341	7605	9133
350	1675	2007	6518	7828
400	1282	1716	5703	6850
450	1013	1356	5070	6089
500	821	1098	4342	5148
600	570	763	3016	3575
700	419	560	2216	2627
800	321	429	1696	2011
900	253	339	1341	1589
1000	205	275	1086	1288
1200	143	191	754	894
1400	105	140	554	657
1600	80	107	424	503
1800	63	85	335	397
2000	51	69	271	322
2250		54	214	254
2500			174	206
2750			144	170
3000			121	143
3250			103	122
3500			89	105
3750			76	90
4000			68	80
4250			60	71
4500			54	64
4750			48	57
5000			43	51

Load diagram



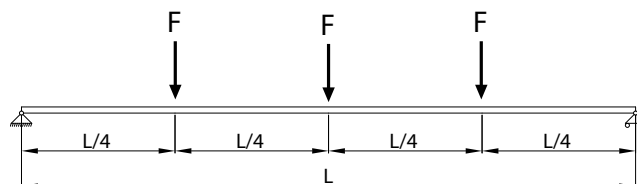
STRUT channel for building installations and ventilation systems

LDBST

Maximum acceptable load capacity of LDBST channels in various load cases

Support spacing <i>L (mm)</i>	Maximum acceptable load <i>F (N)</i>			
	<i>LDBST-41-21-200</i>	<i>LDBST-41-21-250</i>	<i>LDBST-41-41-200</i>	<i>LDBST-41-41-250</i>
250	1625	1873	6084	7307
300	1355	1561	5070	6089
350	1161	1338	4345	5219
400	914	1171	3802	4567
450	722	966	3380	4059
500	585	782	3042	3653
600	406	543	2149	2548
700	298	399	1579	1872
800	228	306	1209	1433
900	181	242	955	1132
1000	146	196	774	917
1200	102	136	537	637
1400	75	100	395	468
1600	57	76	302	358
1800	45	60	239	283
2000		49	193	229
2250			153	181
2500			124	147
2750			102	121
3000			86	102
3250			73	87
3500			63	75
3750			55	65
4000			48	57
4250			43	51
4500				45

Load diagram



STRUT channel for building installations and ventilation systems

LDBST

Maximum acceptable load capacity of LDBST channels in various load cases

Support spacing <i>L (mm)</i>	Maximum acceptable load <i>F (N)</i>			
	<i>LDBST-41-21-200</i>	<i>LDBST-41-21-250</i>	<i>LDBST-41-41-200</i>	<i>LDBST-41-41-250</i>
250	6502	7492	24335	29226
300	5418	6244	20279	24355
350	4534	5352	17382	20876
400	3472	4646	15209	18266
450	2743	3671	13519	16237
500	2222	2973	11758	13941
600	1543	2065	8166	9682
700	1134	1517	5999	7113
800	868	1161	4593	5446
900	686	918	3629	4303
1000	555	743	2940	3486
1200	386	516	2041	2421
1400	283	379	1500	1778
1600	217	290	1148	1361
1800	171	229	907	1076
2000	139	186	735	871
2250	110	147	581	688
2500	89	119	470	558
2750	73	98	389	461
3000	62	83	327	387
3250	53	70	278	330
3500	45	61	240	285
3750			209	248
4000			184	218
4250			163	193
4500			145	172
4750			130	154
5000			118	139
5250			107	126
5500			97	115
5750			89	105
6000			82	97

Load diagram

