




































































ISP ARBEITSKARTE







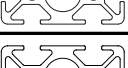
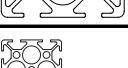









ISP5										
N	R	A	Typ	Abmessung mm	Querschnitt	I _x mm ⁴	I _y mm ⁴	W _x max W _x min mm ³	W _y max W _y min mm ³	Gewicht kg/m
5	20	L	L20	20x20		7479,0	7479,0	747,9 747,9	747,9 747,9	±0,493
			L21	20x20 1N		7861,1	7521,9	801,8 770,9	752,2 752,2	±0,509
			L22	20x20 2N-180°		8224,2	7531,4	822,4 822,4	753,1 753,1	±0,519
			L23	20x20 2N-90°		7869,0	7869,0	802,3 773,0	802,3 773,0	±0,519
			L23 A	20x20 2N-90°		7981,0	7981,0	819,4 777,8	819,4 777,8	±0,562
			L24	20x20 3N		8302,0	9091,0	864,7 798,3	909,1 901,1	±0,577
			L24 A	20x20 3N		8475,0	7994,0	847,5 847,5	820,2 779,6	±0,540
			L41	40x20		14010,8	51215,1	1401,1 1401,1	2560,7 2560,7	±0,883
			L42	40x20 4N-180°		15622,0	53303,0	1562,2 1562,2	2665,1 2665,1	±0,940
			L43	40x20 2N		14906,0	52699,0	1523,5 1459,1	2634,9 2634,9	±0,938
			L44	40x20 2N-180°		14229,0	54865,0	1422,9 1422,9	2743,2 2743,2	±0,938
			L47	40x20 3N-90°		15305,0	55547,0	1584,0 1480,5	2826,5 2729,8	±0,954
			L61	60x20		20896,0	162389,5	2089,6 2089,6	5412,9 5412,9	±1,299
			L81	80x20		27627,0	369284,0	2765,1 2760,3	9232,1 9232,1	±1,702
			L40	40x40		93388,4	93388,4	4669,4 4669,4	4669,4 4669,4	±1,394
			L64	60x40		136228,0	283373,0	6811,4 6811,4	9753,9 9150,2	±2,088
			L25	20x22 R20/40-30°		4375,0	6848,0	543,3 391,1	692,2 566,9	±0,465
			L26	28x25 R20/40-45°		12712,0	9879,0	1094,9 804,1	828,9 752,8	±0,654
			L27	34x30 R20/40-60°		24334,0	15505,0	1647,2 1274,7	1068,7 1051,0	±0,742
			L28	40x40 R20/40-90°		51882,0	51882,0	2606,0 2589,1	2606,0 2589,1	±1,087
L29	20x20 R20-90°		5876,0	5876,0	652,3 540,1	652,3 540,1	±0,474			

N	R	A	Typ	Abmessung mm	Querschnitt	I _x mm ⁴	I _y mm ⁴	W _x max W _x min mm ³	W _y max W _y min mm ³	Gewicht kg/m	
5	20	L	L18	40x30		61947,0	29468,0	4107,4 2486,0	2093,8 1850,3	±0,841	
		S	S24	20x20 R20		6386,2	6386,2	683,7 605,4	683,7 605,4	±0,536	
			S29	20x10		1229,8	5284,0	272,4 224,1	528,4 528,4	±0,352	
			S46	40x10		4566,0	36464,0	504,9 456,6	1823,2 1823,2	±0,651	
			S86	80x14		11223,0	410902,0	1654,1 1555,5	10272,6 10272,6	±1,816	
	ISP5 - Zubehör										
	Z	Z	NSP	9,5x4,75		48,0	166,0	21,0 19,7	34,9 34,9	±0,089	
			S28	16x8,5		584,0	2322,0	161,3 119,7	280,1 280,1	±0,224	





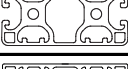
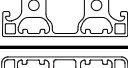
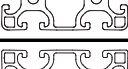
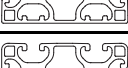
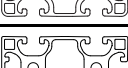
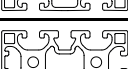

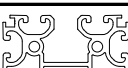

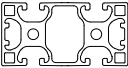

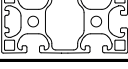

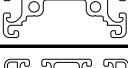
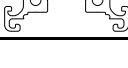

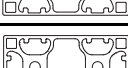
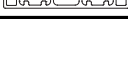

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6	30	L	L30	30x30		29499,0	29499,0	1966,6 1966,6	1966,6 1966,6	±0,940
			L31	30x30 1N		29524,0	30876,0	1968,3 1968,3	2021,6 2021,6	±0,958
			L32	30x30 2N-180°		29549,0	32305,0	1969,9 1969,9	2153,7 2153,7	±0,976
			L33	30x30 2N-90°		30901,0	30901,0	2097,6 2023,9	2097,6 2023,9	±0,976
			L36	30x30 3N		30927,0	32330,0	2098,6 2026,2	2155,3 2155,3	±0,994
			L37	30x30 4N		33177,0	32838,0	2221,7 2202,0	2189,2 2189,2	±1,026
			L324	30x24 1N		17148,0	23003,0	1473,4 1387,2	1533,5 1533,5	±0,766
			L61	60x30		56456,0	214983,0	3763,7 3763,7	7166,1 7166,1	±1,679
			L62	60x30 4N-180°		62051,0	221052,0	4136,7 4136,7	7368,4 7368,4	±1,751
			L63	60x30 2N		59195,0	218017,0	4028,0 3867,8	7267,2 7267,2	±1,715
			L66	60x30 3N-90°		59220,0	223738,0	4028,9 3870,3	7534,8 7382,6	±1,733
			L67	60x30 2N-180°		56505,0	226543,0	3767,0 3767,0	7551,4 7551,4	±1,715
			L68	60x30 6N		64490,0	240654,0	4299,3 4299,3	8021,8 8021,8	±1,838
			L624	60x24 2N		32253,0	173476,0	2797,2 2586,5	578,5 578,5	±1,361





















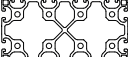


N	R	A	Typ	Abmessung mm	Querschnitt	I _x mm ⁴	I _y mm ⁴	W _x max W _x min mm ³	W _y max W _y min mm ³	Gewicht kg/m		
6	30	L	L91	90x30		83092,0	675590,0	5539,5 5539,5	15013,1 15013,1	±2,410		
			L121	120x30		110369,0	1545064,0	7357,9 7357,9	25751,0 25751,0	±3,157		
			L60	60x60		399795,0	399795,0	13326,5 13326,5	13326,5 13326,5	±2,739		
			L64	60x60 4N-90°		420827,0	420827,0	14288,7 13775,8	14288,7 13775,8	±2,845		
			L65	60x60 2N		416153,0	404237,0	14132,3 13620,7	13474,6 13474,6	±2,791		
			L69	60x60 8N		442040,0	442040,0	14734,7 14734,7	14734,7 14734,7	±2,950		
			L92	90x60		587197,0	1219841,0	19573,2 19573,2	27850,6 27850,6	±4,062		
			L122	120x60		773830,0	2618623,0	25790,7 25790,7	43643,7 43643,7	±5,087		
			L39	30x12		2592,0	14038,0	460,0 407,1	935,9 935,9	±0,420		
			L38	60x12		5570,0	101570,0	1007,2 861,0	3385,7 3385,7	±0,828		
			L330	30x30 R30/60-30°		39386,0	27916,0	2663,2 2456,7	1833,4 1574,2	±0,892		
			L345	41x37 R30/60-45°		54103,0	41618,0	3127,3 2986,8	2289,8 2146,8	±1,234		
			L360	51x44 R30/60-60°		101166,0	63667,0	4602,4 3511,0	2913,9 2888,4	±1,408		
			L390	60x60 R30/60-90°		229072,0	229334,0	7744,0 7550,0	7731,9 7578,7	±2,153		
			L34	30x30 R30		21813,0	21813,0	1629,9 1326,0	1629,9 1326,0	±0,838		
			L35	30x30 G45°		20991,6	20991,6	1593,5 1247,5	1593,5 1247,5	±0,818		
		S	S30	30x30		42014,0	42014,0	2800,9 2800,9	2800,9 2800,9	±1,276		
			S61	60x30		76738,0	281554,0	5115,9 5115,9	9385,1 9385,1	±2,204		
			S121	120x30		156305,0	2125845,0	10420,3 10420,3	35430,7 35430,7	±4,376		
			S122	120x60		1039131,0	3507748,0	34637,7 34637,7	58462,5 58462,5	±6,780		
			S60	60x60		520223,0	520249,0	17337,9 17337,9	17339,0 17339,0	±3,504		
		ISP6 - Zubehör										
		Z	Z	NSP	13x8		290,0	691,0	73,1 72,0	106,2 106,2	±0,200	
























N	R	A	Typ	Abmessung mm	Querschnitt	I _x mm ⁴	I _y mm ⁴	W _x max W _x min mm ³	W _y max W _y min mm ³	Gewicht kg/m
ISP6 Kabelkanal										
6	30	L	60D	60		1161,0	59195,0	407,1 174,7	1973,2 1973,2	±0,374
			6030U	60x30		12803,0	125795,0	1822,9 640,9	4091,6 4091,6	±0,592
			6060U	60x60		104309,0	199703,0	5847,3 2663,6	6494,4 6494,4	±0,820

ISP8										
8	30	L	L30	30x30		31317,3	31317,3	2087,8 2087,8	2087,8 2087,8	±0,898
			L31	30x30 1N		34352,5	31406,2	2394,4 2194,6	2093,7 2093,7	±0,942
			L32	30x30 2N-90°		34448,1	34448,1	2396,2 2204,8	2204,8 2393,2	±0,986
			L33	30x30 2N-180°		31495,0	37684,0	2099,7 2099,7	2512,3 2512,3	±0,986
			L36	30x30 3N		34543,0	37773,0	2398,4 2214,7	2518,2 2518,2	±1,030
			L61	60x30		64477,6	214062,6	4298,5 4298,5	7135,4 7135,4	±1,838
			L62	60x30 2N		70554,7	221537,1	4912,8 4511,5	7384,6 7384,6	±1,926
			L67	60x30 2N-180°		64738,0	241513,0	4315,9 4315,9	8050,4 8050,4	±1,919
			L60	60x60		438964,0	438964,0	14632,1 14632,1	14632,1 14632,1	±3,643
	L34	30x30 R30		25043,1	24704,6	1842,6 1526,3	1828,7 1498,1	±0,839		
	40	UL	UL40	40x40		72604,0	72604,0	3630,2 3630,2	3630,2 3630,2	±1,294
			UL40 Typ A	40x40		73272,0	73272,0	3663,9 3663,9	3663,9 3663,9	±1,368
			UL42	40x40 2N-180°		81180,0	87582,0	4059,0 4059,0	4379,1 4379,1	±1,349
			UL43	40x40 2N-90°		78139,0	82238,0	4063,2 3762,2	4143,8 4080,6	±1,321
			UL44	40x40		55401,0	55401,0	3620,5 2243,1	3620,5 2243,1	±1,161
			UL81	80x40		149078,0	580780,0	7453,9 7453,9	14519,5 14519,5	±2,388
			UL82	80x40 3N-90°		159187,0	562417,0	7809,3 8115,2	13793,5 14337,9	±2,287



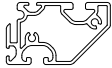













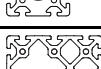

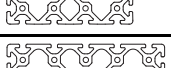




N	R	A	Typ	Abmessung mm	Querschnitt	I _x mm ⁴	I _y mm ⁴	W _x max W _x min mm ³	W _y max W _y min mm ³	Gewicht kg/m
8	40	UL	UL83	80x40 4N-180°		157746,0	563791,0	7887,3 7887,3	14094,8 14094,8	±2,236
			UL85	80x40 2N-180°		159418,0	554037,2	7970,9 7970,9	13850,9 13850,9	±2,300
			UL80	80x80		1022520,7	1022520,7	25563,0 25563,0	25563,0 25563,0	±4,216
			UL84	80x40		510042,0	510042,0	20006,6 9357,5	20006,6 9357,5	±2,438
			UL49	40x16		6755,0	34156,0	868,7 821,4	1707,8 1707,8	±0,625
			UL86	80x16		15257,0	255701,6	1988,6 1832,0	6392,5 6392,5	±1,264
			UL121	120x16		24279,0	901522,0	2889,1 2889,1	15022,1 15022,1	±1,960
		L	L40	40x40		90645,0	90645,0	4532,2 4532,2	4532,2 4532,2	±1,759
			LX400	40x40		94881,0	94881,0	4744,1 4744,1	4744,1 4744,1	±1,802
			L41	40x40 1N		90865,0	94773,0	4543,3 4543,3	4815,4 4664,3	±1,787
			LX41	40x40 1N		95189,0	101806,0	4759,5 4759,5	5233,6 4954,6	±1,861
			L41 XMS	40x40 1N XMS		83433,0	86102,0	4289,8 4059,8	4305,1 4305,1	±1,665
			L411 XMS	40x40 XMS		88136,0	96603,0	4481,0 4335,0	5218,5 4495,6	±1,909
			L412 XMS	40x40		87573,0	87573,0	4386,5 4370,8	4386,5 4370,8	±1,651
			L42	40x40 2N-180°		90958,0	100129,0	4547,9 4547,9	4979,6 5033,6	±1,827
			LX42	40x40 2N-180°		95582,0	109228,0	4779,1 4779,1	5461,4 5461,4	±1,914
			L43	40x40 2N-90°		94968,0	94968,0	4823,6 4675,6	4823,6 4675,6	±1,815
			LX43	40x40 2N-90°		102204,0	102204,0	5250,0 4977,7	5250,0 4977,7	±1,914
			L46	40x40 3N		98243,0	105184,0	4783,6 5047,8	5259,2 5259,2	±1,907
			LX46	40x40 3N		102597,0	109614,0	5266,3 5000,3	5480,7 5480,7	±1,967
			L47	40x40 4N		105696,0	105485,0	5284,8 5284,8	5274,2 5274,2	±1,961
			LX470	40x40 4N		106462,0	106462,0	5339,6 5306,7	5339,6 5306,7	±1,958
			LX470 Typ A	40x40 4N		110036,0	110036,0	5501,8 5501,8	5501,8 5501,8	±2,021



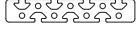
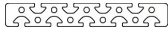
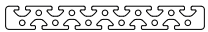




N	R	A	Typ	Abmessung mm	Querschnitt	I _x mm ⁴	I _y mm ⁴	W _x max W _x min mm ³	W _y max W _y min mm ³	Gewicht kg/m
8	40	L	L432	40x32		50292,0	70070,0	3148,3 3138,3	3503,5 3503,5	±1,342
			RS40	40x40		57104,0	100968,0	3890,3 2255,2	5048,4 5048,4	±1,280
			L81	80x40		171398,0	700383,0	8569,5 8569,5	17509,9 17509,9	±3,133
			LX810	80x40		169358,0	718267,0	8467,9 8467,9	17956,7 17956,7	±3,031
			L82	80x40 4N-180°		200373,0	733095,0	10018,0 10018,0	18327,0 18327,0	±3,345
			LX82	80x40 4N-180°		198602,0	751329,0	9930,1 9930,1	18783,2 18783,2	±3,257
			L83	80x40 2N		185051,0	716264,0	9555,9 8967,9	17906,6 17906,6	±3,235
			LX830	80x40 2N		189034,0	731332,0	9756,0 9165,8	18285,6 18280,9	±3,264
			L84	80x40 1N		171273,0	729052,0	8563,3 8563,3	18533,7 17928,5	±3,187
			LX84	80x40 1N		169595,0	747828,0	8479,8 8479,8	19022,6 18379,8	±3,094
			L84 XMS	80x40 XMS		184593,0	755272,0	9229,6 9229,6	19115,3 18653,9	±3,518
			L841 XMS	80x40		175649,0	703808,0	9492,6 8171,4	17597,6 17593,5	±2,946
			L842 XMS	80x40		169588,0	685684,0	9280,0 7825,9	17155,5 17140,4	±2,922
			L89	80x40 2N-180°		172942,0	761755,0	8647,1 8647,1	19043,9 19043,9	±3,262
			LX89	80x40 2N-180°		169994,0	779091,0	8499,7 8499,7	19477,3 19477,3	±3,148
			L87	80x40 3N-90°		187125,0	747080,0	9650,7 9042,2	18947,5 18414,1	±3,324
			LX87	80x40 3N-90°		183799,0	764688,0	9498,4 8900,9	19440,0 18805,0	±3,203
			L872	80x40 4N		187367,0	775185,0	9658,8 9094,8	19379,6 19379,6	±3,372
			L873	80x40		652826,0	77906,0	16320,7 16320,7	4104,0 3709,3	±2,183
			L874	80x40		696043,0	118969,0	17401,1 17401,1	6993,9 5174,9	±2,802
			L875	60x11		47280,0	640,0	1586,6 1586,6	352,8 72,0	±0,368
			LX871	80x40 6N		191823,0	787516,0	9626,8 9555,7	19725,5 19650,4	±3,264
			LX871 Typ A	80x40 6N		198901,0	811034,0	9945,1 9945,1	20275,9 20275,9	±3,359









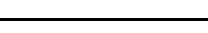
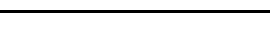


N	R	A	Typ	Abmessung mm	Querschnitt	I _x mm ⁴	I _y mm ⁴	W _x max W _x min mm ³	W _y max W _y min mm ³	Gewicht kg/m
8	40	L	L832	80x32		94961,0	535227,0	5983,6 5887,3	13380,7 13380,7	±2,367
			L871	80x40 6N		193777,0	769607,0	9723,9 9654,0	19275,9 19204,5	±3,354
			LX1210	120x40		240512,0	2233237,0	12026,5 12026,5	37217,0 37217,0	±4,325
			L121	120x40		236578,0	2199181,0	11829,0 11829,0	36653,0 36653,0	±4,297
			L123	120x40 3N		256308,0	2259973,0	13231,3 12424,8	37666,2 37666,2	±4,430
			L161	160x40		309544,0	4968944,0	15477,0 15477,0	62112,0 62112,0	±5,567
			L164	160x40 4N		335787,0	5118689,0	17349,7 16264,0	63983,6 63983,6	±5,766
			L80	80x80		1353229,0	1353229,0	33830,7 33830,7	33830,7 33830,7	±5,375
			LX800	80x80		1371439,0	1371439,0	34286,0 34286,0	34286,0 34286,0	±5,408
			L85	80x80 2N		1402860,0	1364071,0	35662,8 34499,5	34101,8 34101,8	±5,455
			L85 XMS	80x80 2N XMS		1375591,0	1366883,0	34491,0 34289,2	34724,5 33637,0	±5,466
			L86	80x80 4N-90°		1416558,0	1416558,0	36001,1 34845,6	36001,1 34845,6	±5,545
			L86 XMS	80x80 4N-90° XMS		1416175,0	1416175,0	35593,3 35217,5	35593,3 35217,5	±5,588
			L843 XMS	80x80		1156783,0	1295428,0	29561,7 28301,0	32386,3 32386,3	±4,976
			L870	80x80 8N		1467016,0	1467016,0	36756,2 36595,0	36756,2 36595,0	±5,664
			LX870	80x80 8N		1485493,0	1485493,0	37218,4 37056,8	37218,4 37056,7	±5,719
			L122	120x80		2017755,0	4209190,0	50443,9 50443,9	68280,3 72131,7	±8,102
			LX122	120x80		2024384,0	4226759,0	50609,6 50609,6	72434,3 68563,9	±8,106
			L162	160x80		2666203,4	9063629,7	66655,1 66655,1	113295,4 113295,4	±10,153
			LX162	160x80		2670598,0	9090337,0	66764,9 66764,9	113629,2 113629,2	±10,141
			L163	160x80 4N		2778475,0	9241488,0	70749,6 68185,8	115488,9 115488,9	±10,382
			L160	160x160		23937976,0	23937976,0	299224,7 299224,7	299224,7 299224,7	±20,793
			L44	40x40 R40		67027,0	67027,0	3748,2 3030,5	3748,2 3030,5	±1,545




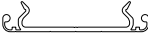




N	R	A	Typ	Abmessung mm	Querschnitt	I _x mm ⁴	I _y mm ⁴	W _x max W _x min mm ³	W _y max W _y min mm ³	Gewicht kg/m
8	40	L	L441	40x40 R40		67157,0	67158,0	3838,3 2991,3	3836,7 2992,4	±1,485
			L45	40x40 G45°		66049,0	66049,0	3763,0 2942,0	3763,0 2942,0	±1,518
			L88	80x80 45°		794852,0	1110256,0	24457,2 20471,1	30621,2 25381,7	±5,130
			L884	80x80 4N-45°		1158383,0	1158383,0	32417,6 26168,2	32417,6 26168,2	±5,332
			L49	40x80x80		955309,0	955309,0	28423,3 20593,1	28423,3 20593,1	±4,797
			L494	40x80x80 4N-90°		1082289,0	1014172,0	31888,2 25497,4	30642,4 23662,7	±5,017
			L430	R40/80 30°		56345,0	69951,0	3575,7 2479,4	3059,7 3317,5	±1,436
			L445	R40/80 45°		223057,0	165253,0	9624,9 7044,9	6322,6 6901,2	±2,755
			L460	R40/80 60°		326157,0	196230,0	11144,2 8480,5	6692,9 6719,6	±2,195
			L490	R40/80 90°		693334,0	693334,0	17632,8 17088,1	17632,8 17088,1	±3,444
			LX880	80x80		725088,0	725088,0	17752,0 17752,0	17752,0 17752,0	±3,739
			LZ81	80x60		377004,0	613737,0	13041,7 12125,3	15507,4 15182,8	±2,710
			LZ61	60x40		83030,0	212394,0	4672,4 3807,6	7090,4 7090,4	±1,6941
			LZ40	40x40		81645,0	74776,0	4234,0 3940,9	3762,6 3715,2	±1,286
			KL40	40x40		96491,3	109002,5	4988,7 4970,8	5535,0 5448,2	±1,898
			KL41	40x40		107317,0	125238,0	5339,2 5339,2	6453,6 6171,1	±2,078
			KL400	18,75x11,5		1211,1	2803,2	286,8 166,4	447,2 224,5	±0,284
			KL32	32x18		16765,0	10699,0	1032,3 1032,3	1188,8 1188,8	±0,634
			L48	40x26		57641,0	26262,0	2882,1 2882,1	2020,2 2020,2	±1,202
			LX120 K56	120x120		4168224,0	4168157,0	77024,4 63264,7	77017,7 63264,7	±6,736
			LX4045 K15 XMS	85x60		27540,0	62100,0	7680,0 -	13770,0 -	±2,929
			LX8045 K56 XMS	114x140		1038051,0	4216812,0	22239,7 15387,3	54833,4 54833,4	±6,599
			L169	160x16		38030,0	3099220,0	4237,7 5413,3	38740,2 38740,2	±3,784










* Durchschnittswerte (Min/Max nicht vorhanden)

N	R	A	Typ	Abmessung mm	Querschnitt	I _x mm ⁴	I _y mm ⁴	W _x max W _x min mm ³	W _y max W _y min mm ³	Gewicht kg/m
8	40	L	LF4020	40x20		11775,0	53191,0	1320,9 1062,2	2552,8 2552,8	±0,905
			LF6040	60x40		96218,0	240805,0	5959,7 4033,4	7005,6 7005,6	±1,933
			LF6740	67x40		120901,0	295361,0	5690,6 5690,6	9816,4 8001,9	±1,852
			SEL1816	27,5x18		3686,0	4258,0	289,9 249,4	481,5 465,1	±0,259
			W1	17,7		7598,0	2331,0	789,8 424,9	396,9 223,0	±0,323
			KL810	D10		1914,0	1124,0	216,6 204,4	172,9 172,9	±0,200
			KL814	D14		3287,2	3105,1	303,2 297,4	352,9 352,9	±0,280
		M	M121	40x120		295790,0	2368078,0	14789,5 14789,5	39468,0 39468,0	±5,139
		S	S40	40x40		141146,0	141146,0	7057,3 7057,3	7057,3 7057,3	±2,508
			S81	80x40		270249,0	1020904,0	13512,5 13512,5	25522,6 25522,6	±4,547
			S121	120x40		399848,0	3246544,0	19992,0 19992,0	54109,0 54109,0	±6,606
			S161	160x40		529199,0	7421898,0	26460,0 26460,0	92773,0 92773,0	±8,655
			S201	200x40		658855,0	14158278,0	32942,8 32942,8	141582,8 141582,8	±10,702
			S241	240x40		788233,0	24049308,0	39411,6 39411,6	200410,9 200410,9	±12,750
			S80	80x80		1879946,0	1879946,0	46998,6 46998,6	46998,6 46998,6	±7,187
			S80 D40	80x80		2248720,0	2248720,0	56218,0 56218,0	56218,0 56218,0	±10,104
			S122	120x80		2711870,0	5689943,0	67796,8 67796,8	91762,2 98115,2	±10,653
			S162	160x80		3543651,7	12046081,2	88591,3 88591,3	150576,0 150576,0	±13,173
			S202	200x80		4329713,0	22035968,0	108242,8 108242,8	220359,7 220359,7	±15,170
			S45	40x40 G45°		95427,9	95427,9	5644,4 5644,4	5644,4 5644,4	±2,012
			S49	40x16		10942,3	69679,8	1276,6 1472,9	3483,9 3483,9	±1,178
		S89	80x16		22058,0	496475,0	3001,7 2549,5	12411,9 12411,9	±2,196	
		S120	120x120		7989706,0	7989706,0	133161,8 133161,8	133161,8 133161,8	±12,427	

N	R	A	Typ	Abmessung mm	Querschnitt	I _x mm ⁴	I _y mm ⁴	W _x max W _x min mm ³	W _y max W _y min mm ³	Gewicht kg/m	
8	40	S	S152	152x20		75647,9	3540133,8	7797,3 7345,8	46586,6 46574,8	±5,027	
			S153	20		22514,2	114198,3	2457,4 2077,3	4198,4 4198,4	±1,592	
			S168	160x28		208024,0	7316287,0	15188,5 14543,2	91453,6 91453,6	±8,490	
			S208	200x28		257820,0	13932033,0	18744,9 18097,3	139320,3 139320,3	±10,454	
			S248	240x28		307936,0	23645122,0	22300,2 21652,1	197042,7 197042,7	±12,720	
	ISP8 - Zubehör										
	Z	Z	NAD	9x6		23,0	114,0	6,0 5,9	24,8 24,8	±0,035	
			NSP	16x9,5		683,0	1799,0	152,1 136,5	224,8 224,8	±0,315	
			VP40	57x37		57015,0	189084,0	3261,6 2921,0	6634,5 6634,5	±2,258	
			VP41	32x6,6		99,0	4879,0	18,2 18,2	304,8 304,8	±0,134	

ISP8 Kabelkanal										
KK	40	L	40D	40x9,5		n. e.	n. e.	n. e.	n. e.	±0,296
			4020U	40		2918,0	23327,0	577,6 244,3	1166,4 1166,4	±0,307
			4040U	41,5x37		n. e.	n. e.	n. e.	n. e.	±0,605
			80D	80x9,5		n. e.	n. e.	n. e.	n. e.	±0,534
			8080U	82x77		n. e.	n. e.	n. e.	n. e.	±1,659
			8040U	82x37		n. e.	n. e.	n. e.	n. e.	±0,930
			FLEX1	34x11,9		6603,0	688,0	463,4 334,3	174,9 86,3	±0,207
			FLEX2	74x12		96141,0	1100,0	2787,4 2433,4	450,9 115,1	±0,553
			FLEX3	114x12		346677,0	1247,0	6391,8 5801,0	607,2 125,4	±0,823
			FLEX4	154x12		845326,0	1364,0	11436,9 10555,0	731,2 134,6	±1,096
			FLEX5	40		5633,0	25621,0	771,1 612,5	1280,6 1280,6	±0,575
			FLEX6	80		11348,0	220867,0	1560,0 1230,1	5522,2 5522,2	±1,107

N	R	A	Typ	Abmessung mm	Querschnitt	I _x mm ⁴	I _y mm ⁴	W _x max W _x min mm ³	W _y max W _y min mm ³	Gewicht kg/m
KK	40	L	FLEX7	120		17071,0	743184,0	2350,6 1848,0	12388,1 12388,1	±1,639
			FLEX8	160		22779,0	1748312,0	3138,1 2464,9	21856,7 21856,7	±2,17
			FLEX9	40		3327,0	23514,0	653,2 291,6	1175,7 1175,7	±0,465
			FLEX10	80		4310,0	177004,0	1171,1 336,2	4425,1 4425,1	±0,736
			FLEX11	120		4791,0	547983,0	1582,6 395,7	9133,0 9133,0	±1,006
			FLEX12	160		5090,0	1215440,0	1919,5 367,6	15193,0 15193,0	±1,276
			FLEX13	80		111306,0	227041,0	3022,1 3022,1	6502,2 5036,1	±0,941
			FLEX14	160		99099,0	1128698,0	3238,3 3238,3	14908,7 13390,2	±1,171

ISP10										
N	R	A	Typ	Abmessung mm	Querschnitt	I _x mm ⁴	I _y mm ⁴	W _x max W _x min mm ³	W _y max W _y min mm ³	Gewicht kg/m
10	50	UL	UL50	50x50		207124,0	207124,0	8285,0 8285,0	8285,0 8285,0	±2,384
			UL101	100x50		370737,0	1473017,0	14829,5 14829,5	29460,3 29460,3	±3,747
			UL100	100x100		2476804,0	2476670,0	49538,3 49533,9	49534,4 49532,5	±6,151
			UL59	50x20		17632,0	90769,0	1780,4 1746,3	3630,8 3630,8	±1,014
		L	L50	50x50		312702,0	312702,0	12508,1 12508,1	12508,1 12508,1	±3,673
			L101	100x50		625124,0	2317885,0	25005,0 25005,0	46357,7 46357,7	±6,804
			L100A	100x100		4508170,0	4508170,0	90163,4 90163,4	90163,4 90163,4	±10,944
			L201A	200x100		8603257,0	29197498,0	172065,1 172065,1	291975,0 291975,0	±20,317
			W1	22		16848,0	7589,0	1417,5 768,8	545,9 369,5	±0,493

Legende

ISP – Maschinenbauprofile kompatibel zum item Raster

I_x/I_y = Flächenträgheitsmoment
 W_x/W_y = Widerstandsmoment
 UL = ultraleicht/eco
 L = leicht
 M = medium
 S = schwer
 Z = Zubehör

N = Nut
 R = Raster
 A = Ausführung
 NAD = Nutabdeckprofil
 D = Durchmesser
 ISPKK - D = Deckel
 ISPKK - U = U-Profil

Raster in mm

Nutmaße

Nut 5 = 5,0+0,3 mm
Nut 6 = 6,2+0,3 mm
Nut 8 = 8,0+0,4 mm
Nut 10 = 10,0+0,4 mm

Kernbohrung

Nut 5 = 4,3±0,1 mm
Nut 6 = 5,0+0,2 mm
Nut 8 = 6,8-0,2 mm
Nut 10 = 8,5+0,1/-0,2 mm

Mechanische Eigenschaften

Bezeichnung	EN 572-3	EN-AW 6063
Zustand	EN 515	T66
$R_{p0,2}$	[N/mm ²]	≥ 200
R_m	[N/mm ²]	≥ 245
A	[%]	≥ 8
A50	[%]	≥ 6
Härte	[HB]	≥ 80

Oberfläche

Eloxal E6Ev1 (silber) / E6Ev6 (schwarz) | Andere Ausführungen auf Anfrage

Länge

6030 mm/6090 mm (Nutzlänge) | Andere Längen auf Anfrage

Normen

DIN EN 573, 755, Toleranzen DIN EN 12020

Andere Ausführungen

auf Anfrage



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