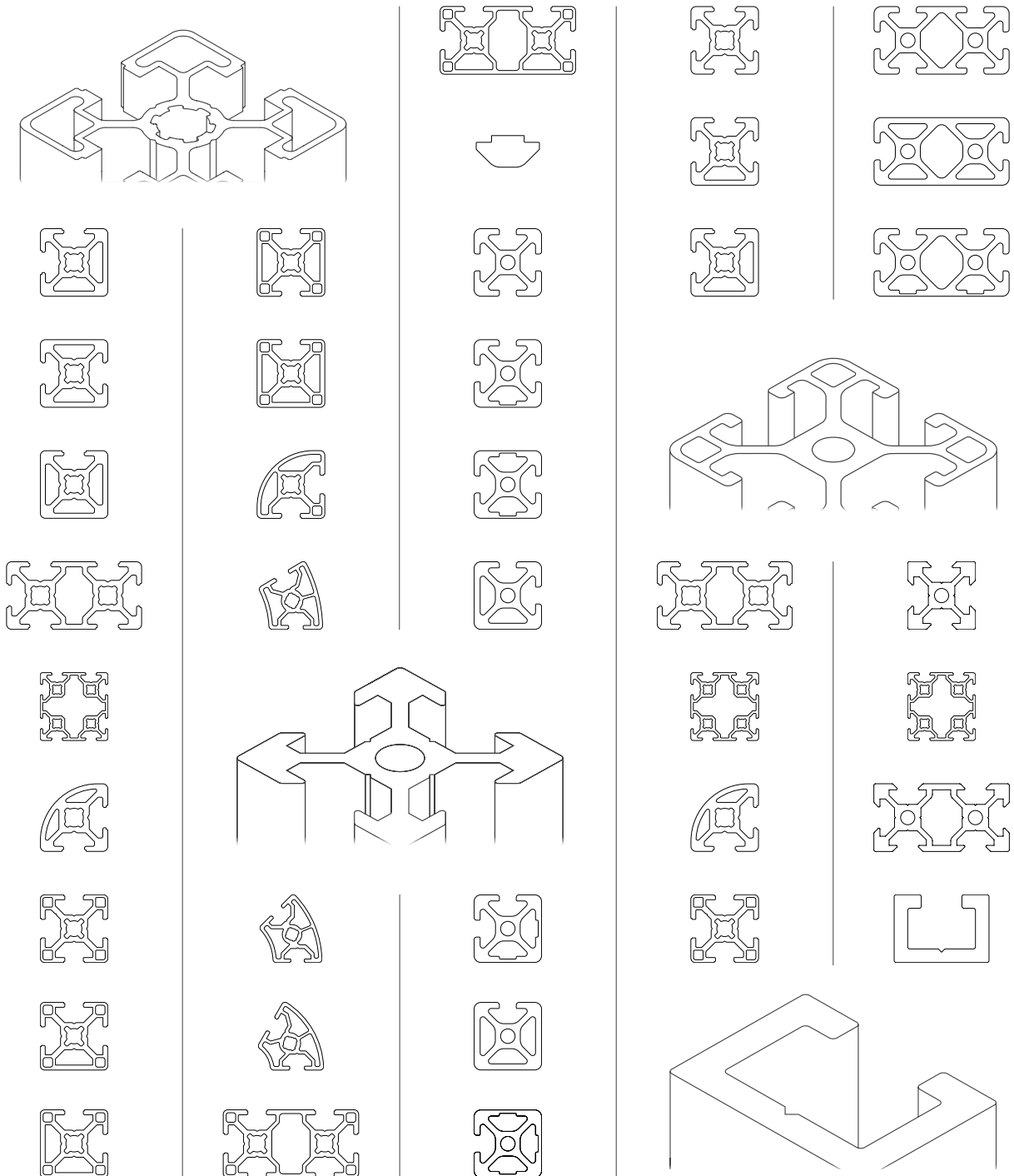


# No Name Konstruktion®

mejo

WERKKAARTEN

BSP / ISP / CSP / VSP

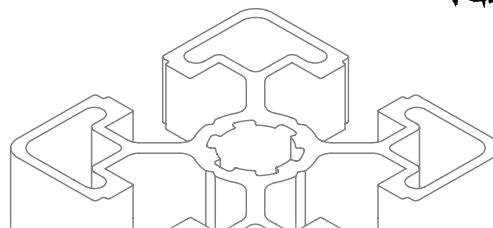




# No Name Konstruktion®

**WERKKAART**
**BSP-SYSTEEM**

Bosch compatibel



## BSP BUISSYSTEMEN











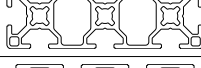








N	R	A	Type	Afmeting B x H mm	Doorsnede	IX mm <sup>4</sup>	IY mm <sup>4</sup>	WX max WX min mm <sup>3</sup>	WY max WY min mm <sup>3</sup>	Gewicht kg/m
-	-	L	D28	∅ 28		16168,00	16168,00	1156,20 1156,20	1156,20 1156,20	±0,725
-	-		D28P	∅ 28		13880,00	13906,00	1037,60 1035,40	1038,50 1038,50	±0,507
10	-		D28N10	∅ 28		10030,00	19652,00	887,60 869,30	1403,70 1403,70	±0,702

## BSP 6




6	20	L	L20	20x20		6688,10	6688,10	668,80 668,80	668,80 668,80	±0,439
			L21	20x20 1N		7515,60	6742,70	793,10 714,10	674,30 674,30	±0,473
			L23	20x20 2N-90°		7597,00	7597,00	798,60 724,50	798,60 724,50	±0,497
			L24	20x20 2N-180°		8412,90	6778,10	841,30 841,30	677,80 677,80	±0,499
			L25	20x20 3N		7590,00	8432,00	795,90 725,50	843,20 843,20	±0,525
			L41	20x40		45789,20	11875,00	2289,50 2289,50	1187,50 1187,50	±0,773
			L40	40x40		81629,00	81629,00	4081,40 4081,40	4081,40 4081,40	±1,265
			L22	20x20 R17		5779,90	5779,90	545,80 614,20	545,80 614,20	±0,437





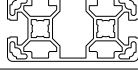
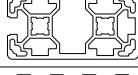
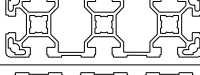




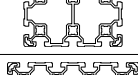
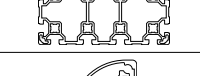











## BSP 8


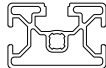






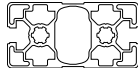




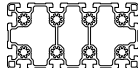







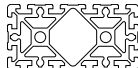


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	30	L	L30 */**	30x30		26803,90	26803,90	1787,00 1787,00	1787,00 1787,00



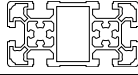
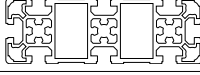

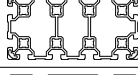




N	R	A	Type	Afmeting B x H mm	Doorsnede	IX mm <sup>4</sup>	IY mm <sup>4</sup>	WX max WX min mm <sup>3</sup>	WY max WY min mm <sup>3</sup>	Gewicht kg/m
8	30	L	L31 */**	30x30 1N		32468,60	29148,20	2279,70 2060,50	1943,20 1943,20	±0,932
			L33 */**	30x30 2N-90°		32734,90	31163,20	2082,60 2292,10	2185,20 1979,90	±0,982
			L34 */**	30x30 2N-180°		36297,00	29261,80	2419,80 2419,80	1950,80 1950,80	±0,982
			L35 */**	30x30 3N		31153,00	34812,00	2178,40 1984,20	2320,20 2320,20	±0,997
			L32 */**	30x30 R25		22682,80	22682,80	1637,40 1404,70	1404,70 1637,40	±0,776
			L330	38x30 30/30°		34895,00	35975,00	2464,80 2056,60	1897,90 1897,90	±0,985
			L345	44,7x30 30/45°		37789,00	54855,00	2123,00 1880,80	2276,10 2168,10	±1,144
			L360	43,5x30 30/60°		41226,00	30624,00	1895,90 1895,90	2234,90 1732,40	±0,978
			L61 */**	60x30		195063,40	50342,50	6502,10 6502,10	3356,20 3356,20	±1,489
			L63 *	60x30 2N		201861,00	55969,00	6728,70 6728,70	3926,50 3554,50	±1,579
			L91 *	90x30		610831,00	73051,00	13574,00 13574,00	4870,10 4870,10	±2,146
			L121 *	120x30		1382982,00	96725,00	23049,70 23049,70	6448,30 6448,30	±2,812
			L60 *	60x60		370420,00	370420,00	12347,30 12347,30	12347,30 12347,30	±2,580
			L65 *	60x60x30		261167,00	261213,00	7528,60 7528,80	7529,90 7529,90	±2,255
			SP120	120x15		1087857,00	21520,00	18131,00 18131,00	2732,40 3020,70	±2,421
			L22	20x11		5157,00	1302,00	515,70 515,70	292,00 199,20	±0,275
			30WG40 *	30x30 WG40		29028,10	25004,70	1815,30 1815,30	1582,80 1582,80	±0,863
			30WG40 Typ B **	30x30 WG40		30511,00	25236,00	2136,60 1941,00	1762,40 1609,30	±0,865
			45WG40 *	30x45 WG40		40543,00	69448,80	2512,80 2512,80	3086,60 3086,60	±1,200

### BSP 10

10	40	Z	NAD	11,4x6,8		62,00	293,00	11,80 11,50	51,40 51,40	±0,056
		L	L40	40x40		90360,00	90360,00	4518,00 4518,00	4518,00 4518,00	±1,502
		L	L41	40x40 1N		96631,70	90051,00	4693,50 4693,50	4527,50 4527,50	±1,549

N	R	A	Type	Afmeting B x H mm	Doorsnede	IX mm <sup>4</sup>	IY mm <sup>4</sup>	WX max WX min mm <sup>3</sup>	WY max WY min mm <sup>3</sup>	Gewicht kg/m	
10	40	L	L42	40x40 2N-90°		96834,40	96834,40	4983,30 4707,40	4983,30 4707,40	±1,596	
			L43	40x40 2N-180°		90747,80	103304,80	4537,40 4537,40	5165,20 5165,20	±1,596	
			L453	40x40 3N		103501,60	97036,80	5175,00 5175,00	4721,00 4721,00	±1,644	
			L81	80x40		626328,00	171916,00	15658,20 15658,20	8595,80 8595,80	±2,635	
			L83	80x40 2N		642206,00	186288,00	16055,10 16055,10	9724,10 8937,90	±2,727	
			L84	80x40 3N-90°		715261,00	198876,00	18295,70 17274,60	10316,70 9370,80	±2,971	
			L121	120x40		1934467,00	252733,00	32241,10 32241,10	12636,70 12636,70	±3,759	
			L161	160x40		4606747,00	368960,00	57584,30 57584,30	18448,00 18448,00	±5,444	
			L80	80x80		1314127,00	1314127,00	32853,20 32853,20	32853,20 32853,20	±4,898	
			L86	80x80 2N		1332190,00	1353946,00	33304,80 33304,80	34295,20 33413,60	±4,958	
			L87	80x80 4N-90°		1372015,00	1372015,00	34747,40 33864,70	34747,40 33864,70	±5,019	
			L122	120x80		3530841,00	1759896,00	58847,30 58847,30	43997,40 43997,40	±6,385	
			L162	160x80		7754068,00	2327167,00	96925,90 96925,90	58179,20 58179,20	±8,270	
			L44	40x40 R33,3		69396,30	69396,30	3896,50 3127,40	3127,40 2873,30	±1,313	
	L85	80x80x40		823019,00	823024,00	24151,20 17922,20	24150,90 17922,20	±3,781			
	45			L45	45x45		109971,00	109971,00	4887,60 4887,60	4887,60 4887,60	±1,551
				L46	45x45 1N		120793,70	117762,20	5405,10 5332,60	5233,80 5233,80	±1,638
				L46 Typ A	45x45 1N		110002,00	117845,00	4889,00 4889,00	5090,40 5090,40	±1,596
				L47	45x45 2N-90°		120962,10	120553,60	5411,80 5340,80	5333,00 5383,10	±1,638
				L47 Typ A	45x45 2N-90°		118051,00	118051,00	5397,30 5104,20	5397,30 5104,20	±1,644
				L48	45x45 2N-180°		115639,30	122697,10	5139,50 5139,50	5453,20 5453,20	±1,611
				L48 Typ A	45x45 2N-180°		110200,00	126379,00	4897,80 4897,80	5616,90 5616,90	±1,644
				L49	45x45 3N		121304,00	124318,00	5426,90 5356,20	5525,20 5525,20	±1,642
L49 Typ A				45x45 3N		118256,00	126578,00	5402,30 5117,00	5625,70 5625,70	±1,246	

N	R	A	Type	Afmeting B x H mm	Doorsnede	IX mm <sup>4</sup>	IY mm <sup>4</sup>	WX max WX min mm <sup>3</sup>	WY max WY min mm <sup>3</sup>	Gewicht kg/m
10	45	L	L495 Typ A	45x45 4N		126776,00	126776,00	5634,50 5634,50	5634,50 5634,50	±1,739
			L4530	45x30		38486,00	81216,00	2647,00 2489,30	3609,60 3609,60	±1,064
			L451	45x45 R37,5		80838,00	80838,00	4024,90 3244,50	3244,50 4024,90	±1,297
			L430	57x45 45/30°		151452,00	125541,00	5326,80 5326,80	5879,70 4958,90	±1,857
			L445	67x45 45/45°		135335,00	214703,00	6156,30 5810,30	6408,60 6408,60	±2,046
			L91	90x45		821520,00	235902,00	18256,00 18256,00	10484,50 10484,50	±3,069
			L92	90x45 1N		85411,60	235794,30	10480,60 10478,80	19274,80 18694,70	±3,114
			L94	90x45 2N		838344,00	251805,00	18634,50 18625,20	11526,60 10875,00	±3,161
			L95	90x45 4N-180°		856463,00	269011,00	19037,10 19027,90	11956,90 11955,10	±3,256
			L96	90x45 3N-90°		872250,00	252009,00	19675,00 19100,10	11530,80 10888,40	±3,209
			L90	90x90		2128688,70	2128688,70	47304,20 47304,20	47304,20 47304,20	±6,420
			L97	90x90 2N		2173964,00	2146153,00	48793,50 47836,60	47692,30 47692,30	±6,474
			L93	90x90 4N-90°		2216076,30	2216076,30	50163,10 48362,00	48362,00 46560,90	±6,606
			L181	180x90		13832113,00	4000684,00	153690,20 153690,20	88904,10 88904,10	±11,438
			L22	22,5x15		8156,00	3414,00	725,00 725,00	502,10 416,40	±0,335
			L23	45x22,5		29860,60	71938,30	2654,30 2654,30	3197,30 3197,30	±1,324
		UL	UL91	90x45		772906,00	189589,00	17178,80 17175,60	8427,10 8425,30	±2,521
		S	S45	45x45		134572,00	134572,00	5981,00 5981,00	5981,00 5981,00	±1,968
			S91	90x45		1250353,00	323570,00	27785,60 27785,60	14380,90 14380,90	±4,179
			S182	180x45		7482483,00	568981,00	83138,70 83138,70	25288,00 25288,00	±6,869
			S90	90x90		2995140,00	2995140,00	66558,60 66558,60	66558,60 66558,60	±10,342
			S181	180x90		21381507,00	5442448,00	237572,00 237572,00	120943,00 120943,00	±17,230
			S61	60x45		229868,80	377225,60	10216,40 10216,40	12574,20 12574,20	±3,013
			S95	90x90x45		1521136,00	1521136,00	39898,40 29323,20	39898,40 29323,20	±5,733

N	R	A	Type	Afmeting B x H mm	Doorsnede	IX mm <sup>4</sup>	IY mm <sup>4</sup>	WX max WX min mm <sup>3</sup>	WY max WY min mm <sup>3</sup>	Gewicht kg/m		
10	45	S	S96	90x90x45 4N-90°		1629069,00	1629069,00	43661,20 30918,90	43661,30 30918,90	±6,035		
			L	L50	50x50		210374,00	210374,00	8414,90 8414,90	8414,90 8414,90	±2,500	
				L101A	100x50		1571183,00	419230,00	31423,70 31423,70	16769,20 16769,20	±4,454	
				L151	150x50		5128543,00	630421,00	68380,60 68380,60	25216,80 25216,80	±6,679	
				L100	100x100		3123632,30	3123632,30	62472,60 62472,60	62472,60 62472,60	±7,967	
				L201	200x100		21249703,00	6011966,00	212497,00 212497,00	120239,30 120239,30	±14,774	
				S	S101	100x50		2200269,00	512755,00	44002,80 44002,80	20509,50 20509,50	±5,737
			L	L60	60x60		323586,00	323586,00	10786,20 10786,20	10786,20 10786,20	±2,710	
				S	S60	60x60		527197,00	527197,00	17573,20 17573,20	17573,20 17573,20	±3,883
					S9060	90x60		2119685,00	897444,00	47104,10 47104,10	29921,40 29921,40	±6,865

### Legenda

N = groef                      R = raster                      A = uitvoering  
 UL = ultra-licht/eco        L = licht                      M = medium                      S = zwaar                      Z = component

Ix/Iy = oppervlaktetraagheidsmoment        \* = kerngat 6,8 mm voor draadsnede                      NAD = groefafdekprofiel  
 Wx/Wy = weerstandsmoment                      \*\* = kerngat 7,3 mm voor speciale connectors                      D = doorsnede

#### Mechanische eigenschappen

Naam	EN 572-3	EN AW-6063
Staat	EN 515	T66
R <sub>p0,2</sub>	[N/mm <sup>2</sup> ]	≥200
R <sub>m</sub>	[N/mm <sup>2</sup> ]	≥245
A	[%]	≥8
A 50	[%]	≥6
Hardheid	[HB]	≥80

#### Kerngat

Groef 6 = 5,5-0,1/+0,3 mm	Groef 8** = 7,3-0,1/+0,3 mm
Groef 8* = 6,8-0,3/+0,1 mm	Groef 10 = 10,0+/-0,15 mm

#### Groef afmetingen

Groef 6 = 6,0+0,4 mm	Groef 8 = 8,0+0,4 mm
Groef 10 = 10,0+0,4 mm	

Oppervlakte	Geanodiseerd E6/Ev1 (zilver) / E6/Ev6 (zwart)   andere uitvoeringen op aanvraag
Lengte	6030-0+10 mm Contactpunten verwijderd/6090-0+10 mm met standard contactpunten   andere lengtes op aanvraag
Norm	DIN EN 573, 755, Tolerantie DIN EN 12020

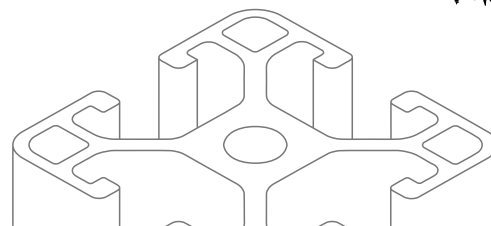


# No Name Konstruktion®

WERKKAART












ISP-SYSTEEM

item compatibel














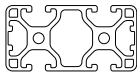
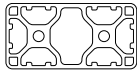
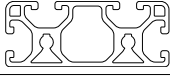






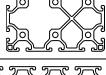
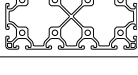











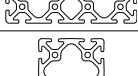

## ISP 5

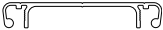



N	R	A	Type	Afmeting B x H mm	Doorsnede	IX mm <sup>4</sup>	IY mm <sup>4</sup>	WX max WX min mm <sup>3</sup>	WY max WY min mm <sup>3</sup>	Gewicht kg/m
5	20	L	L20	20x20		7479,00	7479,00	747,90 747,90	747,90 747,90	±0,493
			L21	20x20 1N		7861,10	7521,90	801,80 770,90	752,20 752,20	±0,509
			L22	20x20 2N-180°		8224,20	7531,40	822,40 822,40	753,10 753,10	±0,519
			L23	20x20 2N-90°		7869,00	7869,00	802,30 773,00	802,30 773,00	±0,519
			L23A	20x20 2N-90°		7981,00	7981,00	819,40 777,80	819,40 777,80	±0,562
			L24	20x20 3N		8302,00	9091,00	864,70 798,30	909,10 901,10	±0,577
			L24 A	20x20 3N		8475,00	7994,00	847,50 847,50	820,20 779,60	±0,540
			L41	40x20		14010,80	51215,10	1401,10 1401,10	2560,70 2560,70	±0,883
			L42	40x20 4N-180°		15622,00	53303,00	1562,20 1562,20	2665,10 2665,10	±0,940
			L43	40x20 2N		14906,00	52699,00	1523,50 1459,10	2634,90 2634,90	±0,938
			L44	40x20 2N-180°		14229,00	54865,00	1422,90 1422,90	2743,20 2743,20	±0,938
			L47	40x20 3N-90°		15305,00	55547,00	1584,00 1480,50	2826,50 2729,80	±0,954
			L61	60x20		20896,00	162389,50	2089,60 2089,60	5412,90 5412,90	±1,299
			L81	80x20		27627,00	369284,00	2765,10 2760,30	9232,10 9232,10	±1,702
			L40	40x40		93388,40	93388,40	4669,40 4669,40	4669,40 4669,40	±1,394
L64	60x40		136228,00	283373,00	6811,40 6811,40	9753,90 9150,20	±2,088			
L25	20x22 R20/40-30°		4375,00	6848,00	543,30 391,10	692,20 566,90	±0,465			

N	R	A	Type	Afmeting B x H mm	Doorsnede	IX mm <sup>4</sup>	IY mm <sup>4</sup>	WX max WX min mm <sup>3</sup>	WY max WY min mm <sup>3</sup>	Gewicht kg/m
5	20	L	L26	28x25 R20/40-45°		12712,00	9879,00	1094,90 804,10	828,90 752,80	±0,654
			L27	34x30 R20/40-60°		24334,00	15505,00	1647,20 1274,70	1068,70 1051,00	±0,742
			L28	40x40 R20/40-90°		51882,00	51882,00	2606,00 2589,10	2606,00 2589,10	±1,087
			L29	20x20 R20-90°		5876,00	5876,00	652,30 540,10	652,30 540,10	±0,474
			L18	40x30		61947,00	29468,00	4107,40 2486,00	2093,80 1850,30	±0,841
		S	S24	20x20 R20		6386,20	6386,20	683,70 605,40	683,70 605,40	±0,536
			S28	16x8,5		584,00	2322,00	161,30 119,70	280,10 280,10	±0,224
			S29	20x10		1229,80	5284,00	272,40 224,10	528,40 528,40	±0,352
			S46	40x10		4566,00	36464,00	504,90 456,60	1823,20 1823,20	±0,651
			S86	80x14		11223,00	410902,00	1654,10 1555,50	10272,60 10272,60	±1,816
		Z	NSP	9,5x4,75		48,00	166,00	21,00 19,70	34,90 34,90	±0,089




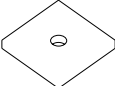
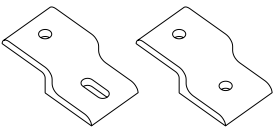
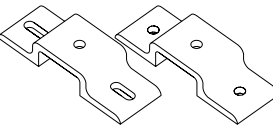







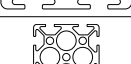


### ISP 6







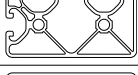

















6	30	L	L30	30x30		29499,00	29499,00	1966,60 1966,60	1966,60 1966,60	±0,940
			L31	30x30 1N		29524,00	30876,00	1968,30 1968,30	2021,60 2021,60	±0,958
			L32	30x30 2N-180°		29549,00	32305,00	1969,90 1969,90	2153,70 2153,70	±0,976
			L33	30x30 2N-90°		30901,00	30901,00	2097,60 2023,90	2097,60 2023,90	±0,976
			L36	30x30 3N		30927,00	32330,00	2098,60 2026,20	2155,30 2155,30	±0,994
			L37	30x30 4N		33177,00	32838,00	2221,70 2202,00	2189,20 2189,20	±1,026
			L324	30x24		17148,00	23003,00	1473,40 1387,20	1533,50 1533,50	±0,766
			L61	60x30		56456,00	214983,00	3763,70 3763,70	7166,10 7166,10	±1,679
			L62	60x30 4N-180°		62051,00	221052,00	4136,70 4136,70	7368,40 7368,40	±1,751
			L63	60x30 2N		59195,00	218017,00	4028,00 3867,80	7267,20 7267,20	±1,715
			L66	60x30 3N-90°		59220,00	223738,00	4028,90 3870,30	7534,80 7382,60	±1,733













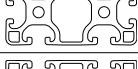
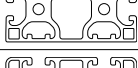
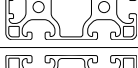

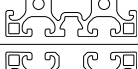

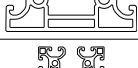





N	R	A	Type	Afmeting B x H mm	Doorsnede	IX mm <sup>4</sup>	IY mm <sup>4</sup>	WX max WX min mm <sup>3</sup>	WY max WY min mm <sup>3</sup>	Gewicht kg/m		
6	30	L	L67	60x30 2N-180°		56505,00	226543,00	3767,00 3767,00	7551,40 7551,40	±1,715		
			L68	60x30 6N		64490,00	240654,00	4299,30 4299,30	8021,80 8021,80	±1,838		
			L624	60x24		32253,00	173476,00	2797,20 2586,50	578,50 578,50	±1,361		
			L121	120x30		110369,00	1545064,00	7357,90 7357,90	25751,00 25751,00	±3,157		
			L60	60x60		399795,00	399795,00	13326,50 13326,50	13326,50 13326,50	±2,739		
			L65	60x60 2N		416153,00	404237,00	14132,30 13620,70	13474,60 13474,60	±2,791		
			L64	60x60 4N-90°		420827,00	420827,00	14288,70 13775,80	14288,70 13775,80	±2,845		
			L69	60x60 8N		442040,00	442040,00	14734,70 14734,70	14734,70 14734,70	±2,95		
			L91	90x30		83092,00	675590,00	5539,50 5539,50	15013,10 15013,10	±2,410		
			L92	90x60		587197,00	1219841,00	19573,20 19573,20	27850,60 26403,20	±4,062		
			L122	120x60		773830,00	2618623,00	25790,70 25790,70	43643,70 43643,70	±5,087		
			L39	30x12		2592,00	14038,00	460,00 407,10	935,90 935,90	±0,42		
			L38	60x12		5570,00	101570,00	1007,20 861,00	3385,70 3385,70	±0,828		
			L330	30x30 R30/60-30°		39386,00	27916,00	2663,20 2456,70	1833,40 1574,20	±0,892		
			L345	41x37 R30/60-45°		54103,00	41618,00	3127,30 2986,80	2289,80 2146,80	±1,234		
			L360	51x44 R30/60-60°		101166,00	63667,00	4602,40 3511,00	2913,90 2888,40	±1,408		
			L390	60x60 R30/60-90°		229072,00	229334,00	7744,00 7550,00	7731,90 7578,70	±2,153		
			L34	30x30 R30		21813,00	21813,00	1629,90 1326,00	1629,90 1326,00	±0,838		
			L35	30x30 G45°		20991,60	20991,60	1593,50 1247,50	1593,50 1247,50	±0,818		
			S	30	S30	30x30		42014,00	42014,00	2800,90 2800,90	2800,90 2800,90	±1,276
			S61		60x30		76738,00	281554,00	5115,90 5115,90	9385,10 9385,10	±2,204	
			S121		120x30		156305,00	2125845,00	10420,30 10420,30	35430,70 35430,70	±4,376	
			S122		120x60		1039131,00	3507748,00	34637,70 34637,70	58462,50 58462,50	±6,78	
			S60		60x60		520223,00	520249,00	17337,90 17337,90	17339,00 17339,00	±3,504	

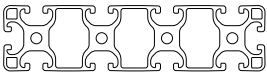
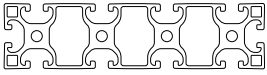
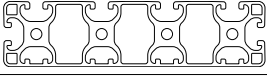
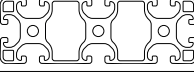


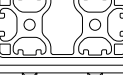

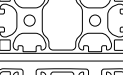
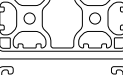
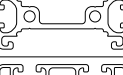
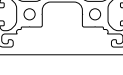
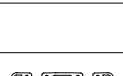
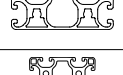










N	R	A	Type	Afmeting B x H mm	Doorsnede	IX mm <sup>4</sup>	IY mm <sup>4</sup>	WX max WX min mm <sup>3</sup>	WY max WY min mm <sup>3</sup>	Gewicht kg/m
6	30	Z	60D	60x9,5		1161,00	59195,00	407,10 174,70	1973,20 1973,20	±0,374
			6030U	60x27		12803,00	125795,00	1822,90 640,90	4091,60 4091,60	±0,592
			6060U	60x57		104309,00	199703,00	5847,30 2663,60	6494,40 6494,40	±0,820
			NSP	13x8		290,00	691,00	73,10 72,00	106,20 106,20	±0,2


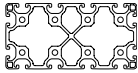
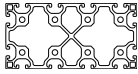
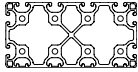











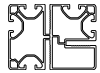
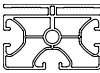




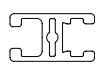
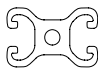

### ISP 8




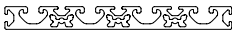
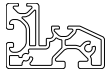
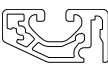
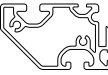
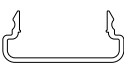
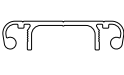

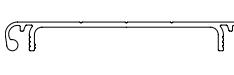



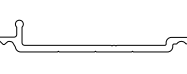
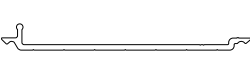






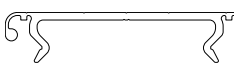

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8	30	Z	SEL1816	27,5x18		3686,00	4258,00	289,90 249,40	481,50 465,10	±0,259	
			NSP	16x9,5		683,00	1799,00	152,10 136,50	224,80 224,80	±0,315	
			MP40 R	40x6						±0,647	
			PH40 EL PH40 ER	77x22						±1,470	
			PH40 DL PH40 DR	120,6x22						±2,441	
	L	30	L	L30	30x30		31317,30	31317,30	2087,80 2087,80	2087,80 2087,80	±0,898
				L31	30x30 1N		34352,50	31406,20	2394,40 2194,60	2093,70 2093,70	±0,942
				L32	30x30 2N-90°		34448,10	34448,10	2396,20 2204,80	2204,80 2393,20	±0,986
				L33	30x30 2N-180°		31495,00	37684,00	2099,70 2099,70	2512,30 2512,30	±0,986
				L36	30x30 3N		34543,00	37773,00	2398,40 2214,70	2518,20 2518,20	±1,03
				L61	60x30		64477,60	214062,60	4298,50 4298,50	7135,40 7135,40	±1,838
L62	60x30 2N		70554,70	221537,10	4912,80 4511,50	7384,60 7384,60	±1,926				
L67	60x30 2N-180°		64738,00	241513,00	4315,90 4315,90	8050,40 8050,40	±1,919				
L60	60x60		438964,00	438964,00	14632,10 14632,10	14632,10 14632,10	±3,643				
L34	30x30 R30		25043,10	24704,60	1842,60 1526,30	1828,70 1498,10	±0,839				








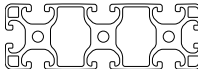


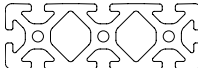

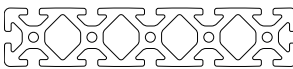
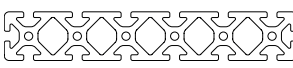




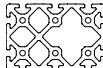
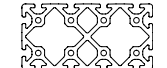
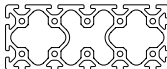


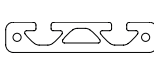
N	R	A	Type	Afmeting B x H mm	Doorsnede	IX mm <sup>4</sup>	IY mm <sup>4</sup>	WX max WX min mm <sup>3</sup>	WY max WY min mm <sup>3</sup>	Gewicht kg/m
8	40	UL	UL40	40x40		72604,00	72604,00	3630,20 3630,20	3630,20 3630,20	±1,294
			UL40 TypA	40x40		73272,00	73272,00	4798,10 4798,10	3663,60 3663,60	±1,368
			UL42	40x40 2N-180°		81180,00	87582,00	4059,00 4059,00	4379,10 4379,10	±1,349
			UL43	40x40 2N-90°		78139,00	82238,00	4063,20 3762,20	4143,80 4080,60	±1,321
			UL44	40x40		55401,00	55401,00	3620,50 2243,10	3620,50 2243,10	±1,161
			UL81	80x40		149078,00	580780,00	7453,90 7453,90	14519,50 14519,50	±2,388
			UL82	80x40 3N-90°		159187,00	562417,00	7809,30 8115,20	13793,50 14337,90	±2,287
			UL83	80x40 4N-180°		157746,00	563791,00	7887,30 7887,30	14094,80 14094,80	±2,236
			UL85	80x40 2N-180°		159418,00	554037,20	7970,90 7970,90	13850,90 13850,90	±2,300
			UL80	80x80		1022520,70	1022520,70	25563,00 25563,00	25563,00 25563,00	±4,216
			UL84	80x80		510042,00	510042,00	20006,60 9357,50	20006,60 9357,50	±2,438
			UL49	40x16		6755,00	34156,00	868,70 821,40	1707,80 1707,80	±0,625
			UL86	80x16		15257,00	255701,60	1988,60 1832,00	6392,50 6392,50	±1,264
		UL121	120x16		24279,00	901522,00	2889,10 2889,10	15022,10 15022,10	±1,96	
		L	L40	40x40		90645,00	90645,00	4532,20 4532,20	4532,20 4532,20	±1,759
			LX400	40x40		94881,00	94881,00	4744,10 4744,10	4744,10 4744,10	±1,802
			L41	40x40 1N		90865,00	94773,00	4543,30 4543,30	4815,40 4664,30	±1,787
			LX41	40x40 1N		95189,00	101806,00	4759,50 4759,50	5233,60 4954,60	±1,861
			L41 XMS	40x40 1N		83433,00	86102,00	4289,80 4059,80	4305,10 4305,10	±1,665
			L411 XMS	40x40		88136,00	96603,00	4481,00 4335,00	5218,50 4495,60	±1,909
			L412 XMS	40x40 2N-90°		87573,00	87573,00	4386,50 4370,80	4386,50 4370,80	±1,651
			L413	40x40x40 120°		106649,00	106638,00	5332,50 3920,90	4004,10 4004,10	±1,789
			L42	40x40 2N-180°		90958,00	100129,00	4547,90 4547,90	4979,60 5033,60	±1,827
LX42	40x40 2N-180°			95582,00	109228,00	4779,10 4779,10	5461,40 5461,40	±1,914		


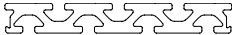


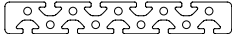
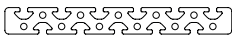

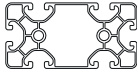
N	R	A	Type	Afmeting B x H mm	Doorsnede	IX mm <sup>4</sup>	IY mm <sup>4</sup>	WX max WX min mm <sup>3</sup>	WY max WY min mm <sup>3</sup>	Gewicht kg/m
8	40	L	L43	40x40 2N-90°		94968,00	94968,00	4823,60 4675,60	4823,60 4675,60	±1,815
			LX43	40x40 2N-90°		102204,00	102204,00	5250,00 4977,70	5250,00 4977,70	±1,914
			L46	40x40 3N		98243,00	105184,00	4783,60 5047,80	5259,20 5259,20	±1,907
			LX46	40x40 3N		102597,00	109614,00	5266,30 5000,30	5480,70 5480,70	±1,967
			L47	40x40 4N		105696,00	105485,00	5284,80 5284,80	5274,20 5274,20	±1,961
			LX470	40x40 4N		106462,00	106462,00	5339,60 5306,70	5339,60 5306,70	±1,958
			LX470 Typ A	40x40 4N		110036,00	110036,00	5501,80 5501,80	5501,80 5501,80	±2,021
			L432	40x32		50292,00	70070,00	3148,30 3138,30	3503,50 3503,50	±1,342
			L81	80x40		171398,00	700383,00	8569,50 8569,50	17509,90 17509,90	±3,133
			LX810	80x40		169358,00	718267,00	8467,90 8467,90	17956,70 17956,70	±3,031
			L82	80x40 4N-180°		200373,00	733095,00	10018,00 10018,00	18327,00 18327,00	±3,345
			LX82	80x40 4N-180°		198602,00	751329,00	9930,10 9930,10	18783,20 18783,20	±3,257
			L83	80x40 2N		185051,00	716264,00	9555,90 8967,90	17906,60 17906,60	±3,235
			LX830	80x40 2N		189034,00	731332,00	9756,00 9165,80	18285,60 18280,90	±3,264
			L84	80x40 1N		171273,00	729052,00	8563,30 8563,30	18533,70 17928,50	±3,187
			LX84	80x40 1N		169595,00	747828,00	8479,80 8479,80	19022,60 18379,80	±3,094
			L84 XMS	80x40 1N		184593,00	755272,00	9229,60 9229,60	19115,30 18653,90	±3,518
			L841 XMS	80x40 2N-2T		175649,00	703808,00	9492,60 8171,40	17597,60 17593,50	±2,946
			L842 XMS	80x40 2N-2T		169588,00	685684,00	9280,00 7825,90	17155,50 17140,40	±2,922
			L843 XMS	80x80 2N K15		1156783,00	1295428,00	29561,70 28301,00	32386,30 32386,30	±4,976
			L89	80x40 2N-180°		172942,00	761755,00	8647,10 8647,10	19043,90 19043,90	±3,262
			LX89	80x40 2N-180°		169994,00	779091,00	8499,70 8499,70	19477,30 19477,30	±3,148
			L87	80x40 3N-90°		187125,00	747080,00	9650,70 9042,20	18947,50 18414,10	±3,324
LX87	80x40 3N-90°		183799,00	764688,00	9498,40 8900,90	19440,00 18805,00	±3,203			

N	R	A	Type	Afmeting B x H mm	Doorsnede	IX mm <sup>4</sup>	IY mm <sup>4</sup>	WX max WX min mm <sup>3</sup>	WY max WY min mm <sup>3</sup>	Gewicht kg/m
8	40	L	L161	160x40		309544,00	4968944,00	15477,00 15477,00	62112,00 62112,00	±5,567
			LX161	160x40		315699,00	5054116,00	15723,20 15713,50	63101,40 63098,40	±5,613
			L164	160x40 4N		335787,00	5118689,00	17349,70 16264,00	63983,60 63983,60	±5,766
			L121	120x40		236578,00	2199181,00	11829,00 11829,00	36653,00 36653,00	±4,297
			LX1210	120x40		240512,00	2233237,00	12026,50 12026,50	37217,00 37217,00	±4,325
			L123	120x40 3N		256308,00	2259973,00	13231,30 12424,80	37666,20 37666,20	±4,43
			L871	80x40 6N		193777,00	769607,00	9723,90 9654,00	19275,90 19204,50	±3,354
			LX871	80x40 6N		191823,00	787516,00	9626,80 9555,70	19725,50 19650,40	±3,264
			LX871 Typ A	80x40 6N		198901,00	811034,00	9945,10 9945,10	20275,90 20275,90	±3,359
			L872	80x40 4N		187367,00	775185,00	9658,80 9094,80	19379,60 19379,60	±3,372
			L873	80x40		652826,00	77906,00	16320,70 16320,70	4101,00 3709,30	±2,183
			L874	80x40		696043,00	118969,00	17401,10 17401,10	6993,90 5174,90	±2,802
			L875	80x40		47280,00	640,00	1586,60 1586,60	352,80 72,00	±0,368
			L832	80x32		94961,00	535227,00	5983,60 5887,30	13380,70 13380,70	±2,367
			L80	80x80		1353229,00	1353229,00	33830,70 33830,70	33830,70 33830,70	±5,375
			LX800	80x80		1371439,00	1371439,00	34286,00 34286,00	34286,00 34286,00	±5,408
			L85	80x80 2N		1402860,00	1364071,00	35662,80 34499,50	34101,80 34101,80	±5,455
			L85 XMS	80x80 2N XMS		1375591,00	1366883,00	34491,00 34289,20	34724,50 33637,00	±5,466
			L86	80x80 4N-90°		1416558,00	1416558,00	36001,10 34845,60	36001,10 34845,60	±5,545
			L86 XMS	80x80 4N-90°		1416175,00	1416175,00	35593,30 35217,50	35593,30 35217,50	±5,588
			L870 Typ A	80x80 8N		1466775,00	1466775,00	36596,20 36348,40	36752,10 36588,90	±5,685
			LX880	80x80		725088,00	725088,00	17752,00 17752,00	17752,00 17752,00	±3,739
			L122	120x80		201775,00	4209190,00	50443,90 50443,90	68280,30 72131,70	±8,102
LX122	120x80		2024384,00	4226759,00	50609,60 50609,60	72434,30 68563,90	±8,106			




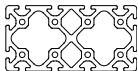


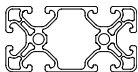


N	R	A	Type	Afmeting B x H mm	Doorsnede	IX mm <sup>4</sup>	IY mm <sup>4</sup>	WX max WX min mm <sup>3</sup>	WY max WY min mm <sup>3</sup>	Gewicht kg/m
8	40	L	LX870	80x80 8N		1485493,00	1485493,00	37218,40 37056,80	37218,40 37056,70	±5,719
			L162	160x80		2666203,40	9063629,70	66655,10 66655,10	113295,40 113295,40	±10,153
			LX162	160x80		2670598,00	9090337,00	66764,90 66764,90	113629,20 113629,20	±10,141
			L163	160x80 4N		2778475,00	9241488,00	70749,60 68185,80	115488,90 115488,90	±10,382
			L44	40x40 R40		67027,00	67027,00	3748,20 3030,50	3748,20 3030,50	±1,545
			L441	40x40 R40		67157,00	67158,00	3838,30 2991,30	3836,70 2992,40	±1,485
			L45	40x40 G45°		66049,00	66049,00	3763,00 2942,00	3763,00 2942,00	±1,518
			L88	80x80 45°		794852,00	1110256,00	24457,20 20471,10	30621,20 25381,70	±5,13
			L884	80x80 4N-45°		1158383,00	1158383,00	32417,60 26168,20	32417,60 26168,20	±5,332
			L49	40x80x80		955309,00	955309,00	28423,30 20593,10	28423,30 20593,10	±4,797
			L494	40x80x80 4N-90°		1082289,00	1014172,00	31888,20 25497,40	30642,40 23662,70	±5,017
			L430	40x38 R40/80-30°		56345,00	69951,00	3575,70 2479,40	3059,70 3317,50	±1,436
			L445	50x45 R40/80-45°		223057,00	165253,00	9624,90 7044,90	6322,60 6901,20	±2,755
			L460	40x68 R40/80-60°		326157,00	196230,00	11144,20 8480,50	6692,90 6719,60	±2,195
			L490	40x80 R40/80-90°		693334,00	693334,00	17632,80 17088,10	17632,80 17088,10	±3,444
			LZ81	80x60		377004,00	613737,00	13041,70 12125,30	15507,40 15182,80	±2,71
			LZ61	60x40		83030,00	212394,00	4672,40 3807,60	7090,40 7090,40	±1,6941
			LZ40	40x40		81645,00	74776,00	4234,00 3940,90	3762,60 3715,20	±1,286
			KL40 CNC	40x40		96491,30	109002,50	4988,70 4970,80	5535,00 5448,20	±1,898
			KL41 CNC	40x40		107317,00	125238,00	5339,20 5339,20	6453,60 6171,10	±2,078
			KL400	18,75x11,5		1211,10	2803,20	286,80 166,40	447,20 224,50	±0,284
			KL32	32x18		16765,00	10699,00	1032,30 1032,30	1188,80 1188,80	±0,634
			L48	40x26		57641,00	26262,00	2882,10 2882,10	2020,20 2020,20	±1,202
LX4045 K15 XMS	85x60		14319487,00	623548,00	582093,00 401226,10	13810,60 13810,60	±2,929			

N	R	A	Type	Afmeting B x H mm	Doorsnede	IX mm <sup>4</sup>	IY mm <sup>4</sup>	WX max WX min mm <sup>3</sup>	WY max WY min mm <sup>3</sup>	Gewicht kg/m
8	40	L	LX8045 K56 XMS	114x140		1038051,00	4216812,00	22239,70 15387,30	54833,40 54833,40	±6,599
			LX120 K56	120x120		4168224,00	4168157,00	77024,40 63264,70	77017,70 63264,70	±6,736
			L160	160x160		23937976,00	23937976,00	299224,70 299224,70	299224,70 299224,70	±20,793
			L169	160x16		38030,00	3099220,00	4237,70 5413,30	38740,20 38740,20	±3,784
			LF6040	60x40 Führung		96218,00	240805,00	5959,70 4033,40	7005,60 7005,60	±1,933
			LF4020	40x20 Führung		11775,00	53191,00	1320,90 1062,20	2552,80 2552,80	±0,905
			LF6740	67x40 Führung		120901,00	295361,00	5690,60 5690,60	9816,40 8001,90	±1,852
			4020U	40x17 Kabelkanal		2918,00	23327,00	577,60 244,30	1166,40 1166,40	±0,307
			40D	40x9,5 K.kanal Deckel		n.e.	n.e.	n.e. n.e.	n.e. n.e.	±0,296
			4040U	41,5x37 Kabelkanal		n.e.	n.e.	n.e. n.e.	n.e. n.e.	±0,605
			80D	80x9,5 K.kanal Deckel		n.e.	n.e.	n.e. n.e.	n.e. n.e.	±0,534
			8080U	82x77 Kabelkanal		n.e.	n.e.	n.e. n.e.	n.e. n.e.	±1,659
			8040U	82x37 Kabelkanal		n.e.	n.e.	n.e. n.e.	n.e. n.e.	±0,93
			Flex1	34x11,9 Kabelkanal		6603,00	688,00	463,40 334,30	174,90 86,30	±0,207
			Flex2	74x12 Kabelkanal		96141,00	1100,00	2787,40 2433,40	450,90 115,10	±0,553
			Flex3	114x12 Kabelkanal		346677,00	1247,00	6391,80 5801,00	607,20 125,40	±0,823
			Flex4	154x12 Kabelkanal		845326,00	1364,00	11436,90 10555,00	731,20 134,60	±1,096
			Flex5	40x16,5 Kabelkanal		5633,00	25621,00	771,10 612,50	1280,60 1280,60	±0,575
			Flex6	80x16,5 Kabelkanal		11348,00	220867,00	1560,00 1230,10	5522,20 5522,20	±1,107
			Flex7	120x16,5 Kabelkanal		17071,00	743184,00	2350,60 1848,00	12388,10 12388,10	±1,639
			Flex8	160x16,5 Kabelkanal		22779,00	1748312,00	3138,10 2464,90	21856,70 21856,70	±2,170
			Flex9	40x16,5 Kabelkanal		3327,00	23514,00	653,20 291,60	1175,70 1175,70	±0,465
Flex10	80x16,5 Kabelkanal		4310,00	177004,00	1171,10 336,20	4425,10 4425,10	±0,736			
Flex11	120x16,5 Kabelkanal		4791,00	547983,00	1582,60 395,70	9133,00 9133,00	±1,006			

N	R	A	Type	Afmeting B x H mm	Doorsnede	IX mm <sup>4</sup>	IY mm <sup>4</sup>	WX max WX min mm <sup>3</sup>	WY max WY min mm <sup>3</sup>	Gewicht kg/m
8	40	L	Flex12	160x16,5 Kabelkanal		5090,00	1215440,00	1919,50 367,60	15193,00 15193,00	±1,276
			Flex13	80x57 Kabelkanal		111306,00	227041,00	3022,10 3022,10	6502,20 5036,10	±0,941
			Flex14	160x49,5 Kabelkanal		99099,00	1128698,00	3238,30 3238,30	14908,70 13390,20	±1,171
			VP40 CNC	57x37 Verbinder		57015,00	189084,00	3261,60 2921,00	6634,50 6634,50	±2,258
			VP41	32x6,6 V. Deckel		99,00	4879,00	18,20 18,20	304,80 304,80	±0,134
			RS40	40x40		57104,00	100968,00	3890,30 2255,20	5048,40 5048,40	±1,28
			W1	17,7		7598,00	2331,00	789,80 424,90	396,90 223,00	±0,323
		M	M121	120x40		295790,00	2368078,00	14789,50 14789,50	39468,00 39468,00	±5,139
		S	S40	40x40		141146,00	141146,00	7057,30 7057,30	7057,30 7057,30	±2,508
			S81	80x40		270249,00	1020904,00	13512,50 13512,50	25522,60 25522,60	±4,547
			S121	120x40		399848,00	3246544,00	19992,00 19992,00	54109,00 54109,00	±6,606
			S161	160x40		529199,00	7421898,00	26460,00 26460,00	92773,00 92773,00	±8,655
			S201	200x40		658855,00	14158278,00	32942,80 32942,80	141582,80 141582,80	±10,702
			S241	240x40		788233,00	24049308,00	39411,60 39411,60	200410,90 200410,90	±12,750
			KL810	13x18,2		1914,00	1124,00	216,60 204,40	172,90 172,90	±0,2
			KL814	D14		3287,20	3105,10	303,20 297,40	352,90 352,90	±0,28
			S80	80x80		1879946,00	1879946,00	46998,60 46998,60	46998,60 46998,60	±7,187
			S80D40	80x80 D40		2248720,00	2248720,00	56218,00 56218,00	56218,00 56218,00	±10,104
			S122	120x80		2711870,00	5689943,00	67796,80 67796,80	91762,20 98115,20	±10,653
			S162	160x80		3543651,70	12046081,20	88591,30 88591,30	150576,00 150576,00	±13,173
			S202	200x80		4329713,00	22035968,00	108242,80 108242,80	220359,70 220359,70	±15,170
			S45	40x40 G45°		95427,90	95427,90	5644,40 5644,40	5644,40 5644,40	±2,012
			S49	40x16		10942,30	69679,80	1276,60 1472,90	3483,90 3483,90	±1,178
S89	80x16			22058,00	496475,00	3001,70 2549,50	12411,90 12411,90	±2,196		

N	R	A	Type	Afmeting B x H mm	Doorsnede	IX mm <sup>4</sup>	IY mm <sup>4</sup>	WX max WX min mm <sup>3</sup>	WY max WY min mm <sup>3</sup>	Gewicht kg/m
8	40	S	S120	120x120		7989706,00	7989706,00	133161,80 133161,80	133161,80 133161,80	±12,427
			S152	152x20		75647,90	3540133,80	7797,30 7345,80	46586,60 46574,80	±5,027
			S153	20 Verbinder		22514,20	114198,30	2457,40 2077,30	4198,40 4198,40	±1,592
			S168	160x28		208024,00	7316287,00	15188,50 14543,20	91453,60 91453,60	±8,49
			S208	200x28		257820,00	13932033,00	18744,90 18097,30	139320,30 139320,30	±10,454
			S248	240x28		307936,00	23645122,00	22300,20 21652,10	197042,70 197042,70	±12,72
	45	UL	UL45	45x45		103642,00	103642,00	4606,50 4606,50	4606,50 4606,50	±1,440
			UL91	90x45		189049,00	746605,00	8402,40 8401,90	16591,80 16590,70	±2,233

## ISP 10

N	R	A	Type	Afmeting B x H mm	Doorsnede	IX mm <sup>4</sup>	IY mm <sup>4</sup>	WX max WX min mm <sup>3</sup>	WY max WY min mm <sup>3</sup>	Gewicht kg/m
10	50	L	L50	50x50		312702,00	312702,00	12508,10 12508,10	12508,10 12508,10	±3,673
			L101	100x50		625124,00	2317885,00	25005,00 25005,00	46357,70 46357,70	±6,804
			L100A	100x100		4508170,00	4508170,00	90163,40 90163,40	90163,40 90163,40	±10,944
			L201A	200x100		8603257,00	29197498,00	172065,10 172065,10	291975,00 291975,00	±20,317
		W1	22		16848,00	7589,00	1417,50 768,80	545,90 369,50	±0,493	
		UL	UL50	50x50		207124,00	207124,00	8285,00 8285,00	8285,00 8285,00	±2,384
			UL101	100x50		370737,00	1473017,00	14829,50 14829,50	29460,30 29460,30	±3,747
			UL100	100x100		2476804,00	2476804,00	49538,30 49533,90	49534,40 49532,50	±6,151
UL59	50x20			17632,00	90769,00	1780,40 1746,30	3630,80 3630,80	±1,014		

### Legenda

N = groef	R = raster	A = uitvoering	S = zwaar	Z = component
UL = ultra-licht/eco	L = licht	M = medium	NAD = groefafdekprofiel	
Ix/Iy = oppervlaktetraagheidsmoment	ISPKK - D = deksel	ISPKK - U = u-profiel	D = doorsnede	
Wx/Wy = weerstandsmoment				

#### Mechanische eigenschappen

Naam	EN 572-3	EN AW-6063
Staat	EN 515	T66
R <sub>p0,2</sub>	[N/mm <sup>2</sup> ]	≥200
R <sub>m</sub>	[N/mm <sup>2</sup> ]	≥245
A	[%]	≥8
A 50	[%]	≥6
Hardheid	[HB]	≥80

#### Kerngat

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

#### Groefmaat

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

Oppervlakte	Geanodiseerd E6/Ev1 (zilver) / E6/Ev6 (zwart)   andere uitvoeringen op aanvraag
Lengte	6030-0+10 mm Contactpunten verwijderd/6090-0+10 mm met standard contactpunten   andere lengtes op aanvraag
Norm	DIN EN 573, 755, Tolerantie DIN EN 12020

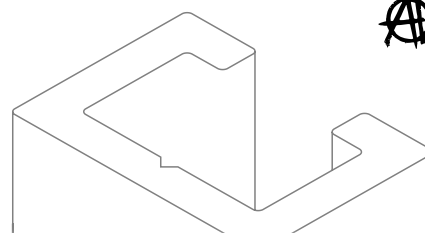


# No Name Konstruktion®

WERKKAART

CSP-SYSTEEM

Voor aanslagen en geleiderails



## CSP

N	R	A	Type	Afmeting B x H mm	Doorsnede	IX mm <sup>4</sup>	IY mm <sup>4</sup>	WX max WX min mm <sup>3</sup>	WY max WY min mm <sup>3</sup>	Gewicht kg/m
6	-	-	CSP 6	14x10		690,0	1618,0	163,1 119,5	231,1 231,1	±0,163
8	-	-	CSP 8	17x11		1017,0	2874,0	224,3 157,4	338,1 338,1	±0,191
10	-	-	CSP 10	22x13		2291,0	7518,0	425,4 301,0	683,5 683,5	±0,307

## Legenda

### Mechanische eigenschappen

Naam	EN 572-3	EN AW-6063
Staat	EN 515	T66
R <sub>p</sub> 0,2	[N/mm <sup>2</sup> ]	≥200
R <sub>m</sub>	[N/mm <sup>2</sup> ]	≥245
A	[%]	≥8
A 50	[%]	≥6
Hardheid	[HB]	≥80

N = groef

R = raster

A = uitvoering

I<sub>x</sub>/I<sub>y</sub> = oppervlaktetraagheidsmoment

W<sub>x</sub>/W<sub>y</sub> = weerstandsmoment

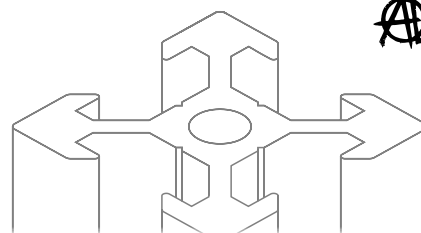
Oppervlakte	Geanodiseerd E6/Ev1 (zilver)   andere uitvoeringen op aanvraag
Lengte	6090-0+10 mm met standard contactpunten   andere lengtes op aanvraag
Norm	DIN EN 573, 755, Tolerantie DIN EN 12020



# No Name Konstruktion®

**WERKKAART**
**VSP-SYSTEEM**

Compatibel met OpenBuilds


**VSP**

N	R	A	Type	Afmeting B x H mm	Doorsnede	IX mm <sup>4</sup>	IY mm <sup>4</sup>	WX max WX min mm <sup>3</sup>	WY max WY min mm <sup>3</sup>	Gewicht kg/m
6	20	L	L20	20x20		7036,0	7036,0	704,0 703,8	704,0 703,8	±0,466
			L40	40x40		83941,0	83941,0	4198,0 4196,0	4198,0 4196,0	±1,283
			L41	40x20		12390,0	48403,0	1239,4 1238,7	2421,1 2419,3	±0,815
			L61	60x20		17744,0	149918,0	1774,7 1774,1	4998,8 4995,8	±1,164
			L81	80x20		23098,0	337311,0	2310,1 2309,4	8434,8 8430,7	±1,512
			L840	40x80x40		121561,0	583424,0	6995,8 5373,2	14586,2 14585,1	±2,231

**Legenda**
**Mechanische eigenschappen**

Naam	EN 572-3	EN AW-6063
Staat	EN 515	T66
R <sub>p</sub> 0,2	[N/mm <sup>2</sup> ]	≥200
R <sub>m</sub>	[N/mm <sup>2</sup> ]	≥245
A	[%]	≥8
A 50	[%]	≥6
Hardheid	[HB]	≥80

**Kerngat**

4,2 +/- 0,15 mm

**Groef afmetingen**

Groef 6 = 6,0+0,3 mm

N = groef

R = raster

A = uitvoering

L = licht

 I<sub>x</sub>/I<sub>y</sub> = oppervlaktetraagheidsmoment

 W<sub>x</sub>/W<sub>y</sub> = weerstandsmoment

Oppervlakte	Geanodiseerd E6/Ev1 (zilver) / E6/Ev6 (zwart)   andere uitvoeringen op aanvraag
Lengte	6090-0+10 mm met standard contactpunten   andere lengtes op aanvraag
Norm	DIN EN 573, 755, Tolerantie DIN EN 12020



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