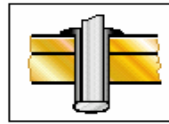
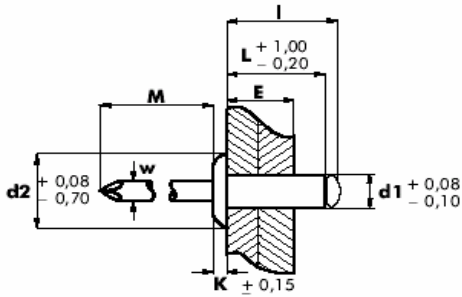


АЛЮМИНИЙ/СТАЛЬ СТАНДАРТНЫЙ БОРТИК



Aluminium Al Mg 3,5 ▶



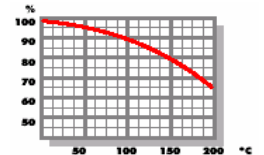
Steel Zincplated ▶



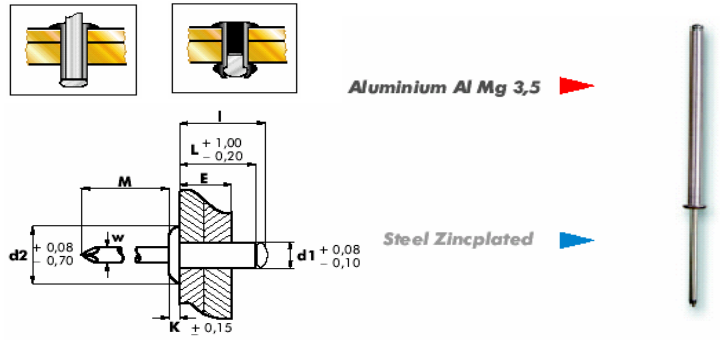
d1 Ø mm.	L mm.	d2 Ø mm.	K mm.	W Ø mm.	E min mm.	E max mm.	Ø сверла mm.	Артикул
2,4	4,0	5,0	0,55	1,45	0,5	2,0	2,5	01010002404
	6,0				2,0	4,0		01010002406
	8,0				4,0	6,0		01010002408
	10,0				6,0	8,0		01010002410
3,0	5,0	6,5	0,80	1,80	0,5	2,5	3,1	01010003005
	6,0				1,5	3,5		01010003006
	7,0				1,5	4,5		01010003007
	8,0				3,5	5,5		01010003008
	10,0				5,5	7,0		01010003010
	12,0				7,0	9,0		01010003012
	14,0				9,0	11,0		01010003014
	16,0				11,0	13,0		01010003016
	18,0				13,0	15,0		01010003018
3,2	5,0	6,5	0,80	1,80	0,5	2,5	3,3	01010003205
	6,0				1,5	3,5		01010003206
	8,0				3,5	5,5		01010003208
	10,0				5,5	7,0		01010003210
	12,0				7,0	9,0		01010003212
	15,0				9,0	12,0		01010003215
	18,0				12,0	15,0		01010003218
	20,0				15,0	17,0		01010003220
4,0	5,0	8,0	1,00	2,20	0,5	2,5	4,1	01010004005
	6,0				1,5	3,0		01010004006
	7,0				3,0	4,5		01010004007
	8,0				3,0	5,0		01010004008
	10,0				5,0	6,5		01010004010
	12,0				6,5	8,5		01010004012
	14,0				8,5	10,5		01010004014
	16,0				10,5	12,5		01010004016
	18,0				12,5	14,5		01010004018
	20,0				14,5	16,5		01010004020
	25,0				16,5	21,5		01010004025
	30,0				21,5	26,0		01010004030
4,8	6,0	9,5	1,10	2,75	0,5	3,0	4,9	01010004806
	8,0				3,0	4,5		01010004808
	10,0				4,5	6,0		01010004810
	12,0				6,0	8,0		01010004812
	14,0				8,0	10,0		01010004814
	16,0				10,0	12,0		01010004816
	18,0				12,0	14,0		01010004818
	21,0				14,0	17,0		01010004821
	24,0				17,0	20,0		01010004824
	27,0				20,0	23,0		01010004827
	30,0				23,0	25,0		01010004830
	32,0				25,0	27,0		01010004832
	35,0				27,0	30,0		01010004835
	40,0				30,0	35,0		01010004840
	45,0				35,0	40,0		01010004845
	50,0				40,0	45,0		01010004850

d1 Ø mm.	L mm.	d2 Ø mm.	K mm.	W Ø mm.	E min mm.	E max mm.	Ø сверла mm.	Артикул
5,0	6,0	9,5	1,10	2,75	0,5	3,0	5,1	01010005006
	8,0				3,0	4,5		01010005008
	10,0				4,5	6,0		01010005010
	12,0				6,0	8,0		01010005012
	14,0				8,0	10,0		01010005014
	16,0				10,0	12,0		01010005016
	18,0				12,0	14,0		01010005018
	20,0				14,0	16,0		
	25,0				16,0	21,0		01010005025
	30,0				21,0	25,0		01010005030
	35,0				25,0	30,0		01010005035
	40,0				30,0	35,0		01010005040
	45,0				35,0	40,0		01010005045
	50,0				40,0	45,0		01010005050
6,0	8,0	12,0	1,50	3,20	2,0	4,0	6,1	01010006008
	10,0				4,0	6,0		01010006010
	12,0				6,0	8,0		01010006012
	14,0				8,0	10,0		01010006014
	16,0				10,0	11,0		01010006016
	18,0				11,0	13,0		01010006018
	20,0				13,0	15,0		01010006020
	25,0				15,0	20,0		01010006025
	30,0				20,0	24,0		01010006030
	35,0				24,0	29,0		01010006035
6,4	12,0	13,0	1,80	3,60	2,0	6,0	6,5	01010006412
	15,0				6,0	9,0		01010006415
	18,0				9,0	12,0		01010006418
	22,0				12,0	16,0		01010006422
	26,0				16,0	20,0		01010006426
	30,0				20,0	24,0		01010006430
	35,0				24,0	29,0		01010006435
	50,0				29,0	42,0		01010006450

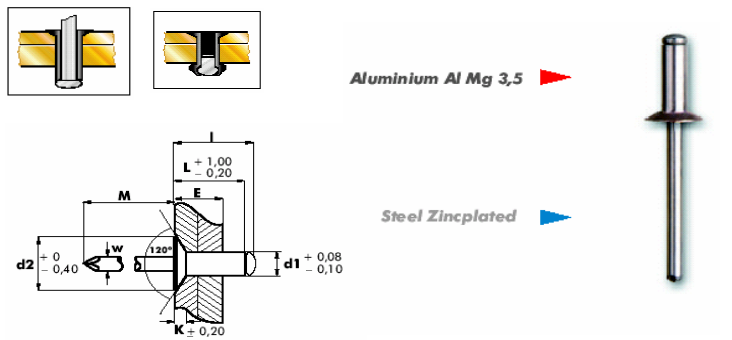
d1 Ø m/m	(N)	(N)
2,4	400	500
3,0	850	850
3,2	880	1150
4,0	1300	1960
4,8	1870	2790
5,0	2150	3000
6,0	3500	3900
6,4	3500	4300



АЛЮМИНИЙ/СТАЛЬ СТАНДАРТНЫЙ БОРТИК. УДЛИНЕННАЯ



АЛЮМИНИЙ/СТАЛЬ ПОТАЙНОЙ БОРТИК 120°



d1 Ø mm.	L mm.	d2 Ø mm.	K mm.	W Ø mm.	E min mm.	E max mm.	Ø сверла mm.	Артикул
4,0	35,0	7,6	1,20	2,10	26,0	31,5	4,1	01050004035
	40,0				31,5	36,5		01050004040
5,0	40,0	9,3	1,50	2,73	30,0	35,0	5,1	01050005040
	45,0				35,0	40,0		01050005045
	50,0				40,0	45,0		01050005050
	55,0				45,0	50,0		01050005055
	60,0				50,0	55,0		01050005060
	65,0				55,0	60,0		01050005065
	70,0				60,0	65,0		01050005070
	75,0				65,0	70,0		01050005075
	80,0				70,0	75,0		01050005080
	90,0				75,0	85,0		01050005090
	100,0				85,0	95,0		010500050100
	110,0				95,0	105,0		010500050110
	120,0				105,0	115,0		010500050120
	130,0				115,0	125,0		010500050130
	140,0				125,0	135,0		010500050140
	150,0				135,0	145,0		010500050150
	160,0				145,0	155,0		010500050160
	170,0				155,0	165,0		010500050170
	180,0				165,0	175,0		010500050180
	190,0				175,0	185,0		010500050190
6,4	80,0	13,0	2,00	3,60	42,0	73,0	6,5	01050006480
	100,0				73,0	93,0		010500064100
	120,0				93,0	113,0		010500064120
	150,0				113,0	143,0		010500064150
	175,0				143,0	168,0		010500064175
	200,0				168,0	193,0		010500064200

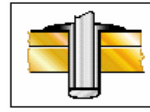
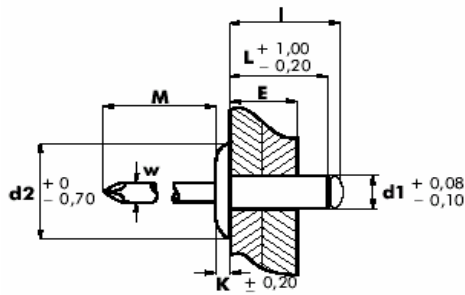
d1 Ø mm.	L mm.	d2 Ø mm.	K mm.	W Ø mm.	E min mm.	E max mm.	Ø сверла mm.	Артикул
3,0	6,0	6,0	0,90	1,80	1,5	3,5	3,1	01020003006
	8,0				3,5	5,5		01020003008
	10,0				5,5	7,0		01020003010
	12,0				7,0	9,0		01020003012
	14,0				9,0	11,0		01020003014
	16,0				11,0	13,0		01020003016
3,2	6,0	6,0	0,90	1,80	1,5	3,5	3,3	01020003206
	8,0				3,5	5,5		01020003208
	10,0				5,5	7,0		01020003210
	12,0				7,0	9,0		01020003212
	15,0				9,0	11,0		01020003215
	18,0				11,0	13,0		01020003218
4,0	6,0	7,5	1,00	2,20	1,5	3,0	4,1	01020004006
	8,0				3,0	5,0		01020004008
	10,0				5,0	6,5		01020004010
	12,0				6,5	8,5		01020004012
	14,0				8,5	10,5		01020004014
	16,0				10,5	12,5		01020004016
	18,0				12,5	14,5		01020004018
	20,0				14,5	16,5		01020004020
4,8	6,0	9,0	1,20	2,75	0,5	3,0	4,9	01020004806
	8,0				3,0	4,5		01020004808
	10,0				4,5	6,0		01020004810
	12,0				6,0	8,0		01020004812
	14,0				8,0	10,0		01020004814
	16,0				10,0	12,0		01020004816
	18,0				12,0	14,0		01020004818
	21,0				14,0	17,0		01020004821
	24,0				17,0	20,0		01020004824
	27,0				20,0	23,0		01020004827
	30,0				23,0	25,0		01020004830
	35,0				25,0	30,0		01020004835
5,0	6,0	9,0	1,20	2,75	0,5	3,0	5,1	01020005006
	8,0				3,0	4,5		01020005008
	10,0				4,5	6,0		01020005010
	12,0				6,0	8,0		01020005012
	14,0				8,0	10,0		01020005014
	16,0				10,0	12,0		01020005016
	18,0				12,0	14,0		01020005018
	20,0				14,0	16,0		01020005020
	25,0				16,0	21,0		01020005025
	30,0				21,0	25,0		01020005030

d1 Ø m/m	(N)	(N)
4,00	800	980
5,00	2000	2750
6,40	2450	3400

d1 Ø m/m	(N)	(N)
3,00	850	850
3,20	880	1150
4,00	1300	1960
4,80	1870	2790
5,00	2150	3000



АЛЮМИНИЙ/СТАЛЬ ШИРОКИЙ БОРТИК



Aluminium Al Mg 3,5 ▶



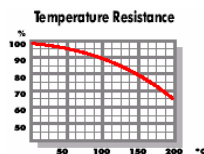
Steel Zincplated ▶



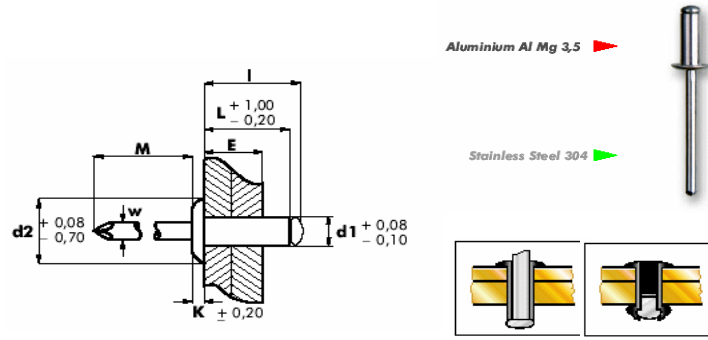
d1 Ø mm.	L mm.	d2 Ø mm.	K mm.	W Ø mm.	E min mm.	E max mm.	Ø сверла mm.	Артикул
3,2	6,0	16,0	1,10	1,80	0,5	3,5	3,3	01030003206
	8,0				3,5	5,5		01030003208
	10,0				5,5	7,0		01030003210
	12,0				7,0	9,0		01030003212
	16,0				9,0	11,0		01030003216
4,0	8,0	12,0	1,40	2,20	1,5	5,0	4,1	01040004008
	10,0				5,0	6,5		01040004010
	12,0				6,5	8,5		01040004012
	14,0				8,5	10,5		01040004014
	16,0				10,5	12,5		01040004016
	18,0				12,5	14,5		01040004018
	20,0				14,5	16,5		01040004020
4,8	10,0	14,0	1,80	2,75	3,0	6,0	4,9	01030004810
	12,0				6,0	8,0		01030004812
	14,0				8,0	10,0		01030004814
	16,0				10,0	12,0		01030004816
	18,0				12,0	14,0		01030004818
	21,0				14,0	17,0		01030004821
	24,0				17,0	20,0		01030004824
	27,0				20,0	23,0		01030004827
	30,0				23,0	25,0		01030004830
	35,0				25,0	30,0		01030004835
	40,0				30,0	35,0		01030004840
	45,0				35,0	40,0		01030004845
	50,0				40,0	45,0		01030004850

d1 Ø mm.	L mm.	d2 Ø mm.	K mm.	W Ø mm.	E min mm.	E max mm.	Ø сверла mm.	Артикул
4,8	10,0	16,0	1,80	2,75	3,0	6,0	4,9	01040004810
	12,0				6,0	8,0		01040004812
	14,0				8,0	10,0		01040004814
	16,0				10,0	12,0		01040004816
	18,0				12,0	14,0		01040004818
	21,0				14,0	17,0		01040004821
	24,0				17,0	20,0		01040004824
	27,0				20,0	23,0		01040004827
	30,0				23,0	25,0		01040004830
	35,0				25,0	30,0		01040004835
5,0	8,0	11,0	1,60	2,75	3,0	4,5	5,1	01031005008
	10,0				4,5	6,0		01031005010
	12,0				6,0	8,0		01031005012
	14,0				8,0	10,0		01031005014
	16,0				10,0	12,0		01031005016
	18,0				12,0	14,0		01031005018
	20,0				14,0	16,0		01031005020
	25,0				16,0	21,0		01031005025
	30,0				21,0	25,0		01031005030
5,0	8,0				3,0	4,5		01030005008
	10,0				4,5	6,0		01030005010
	12,0				6,0	8,0		01030005012
	14,0				8,0	10,0		01030005014
	16,0				10,0	12,0		01030005016
	18,0				12,0	14,0		01030005018
	20,0				14,0	16,0		01030005020
	25,0				16,0	21,0		01030005025
	30,0				21,0	25,0		01030005030

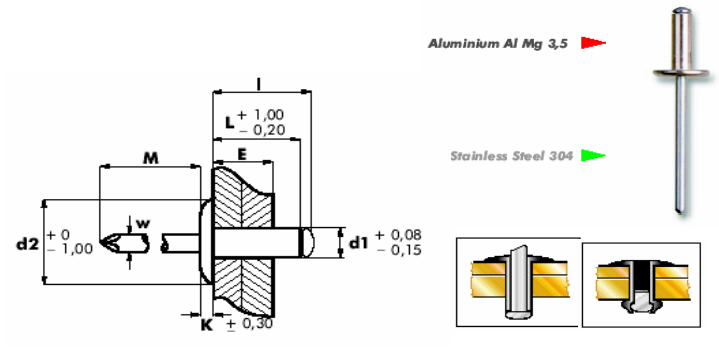
d1 Ø m/m	(N)	(N)
3,20	850	1150
4,00	1200	1800
4,80	2000	2700
4,80	2000	2500
5,00	2150	3000



АЛЮМИНИЙ/НЕРЖ.СТАЛЬ СТАНДАРТНЫЙ БОРТИК.



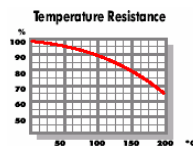
АЛЮМИНИЙ/НЕРЖ.СТАЛЬ ШИРОКИЙ БОРТИК



d1 Ø mm.	L mm.	d2 Ø mm.	K mm.	W Ø mm.	E min mm.	E max mm.	Ø сверла mm.	Артикул
3,2	6,0	6,5	0,80	1,80	1,5	3,5	3,3	01019003206
	8,0				3,5	5,5		01019003208
	10,0				5,5	7,0		01019003210
	12,0				7,0	9,0		01019003212
	15,0				9,0	12,0		01019003215
	18,0				12,0	15,0		01019003218
	20,0				15,0	17,0		01019003220
4,0	6,0	8,0	1,00	2,20	1,5	3,0	4,1	01019004006
	8,0				3,0	4,5		01019004008
	10,0				4,5	6,5		01019004010
	12,0				6,5	8,5		01019004012
	14,0				8,5	10,5		01019004014
	16,0				10,5	12,5		01019004016
	18,0				12,5	14,5		01019004018
	20,0				14,5	16,5		01019004020
4,8	6,0	9,5	1,10	2,75	0,5	3,0	4,9	01019004806
	8,0				3,0	4,5		01019004808
	10,0				4,5	6,0		01019004810
	12,0				6,0	8,0		01019004812
	14,0				8,0	10,0		01019004814
	16,0				10,0	12,0		01019004816
	18,0				12,0	14,0		01019004818
	21,0				14,0	17,0		01019004821
	24,0				17,0	20,0		01019004824
	27,0				20,0	23,0		01019004827
	30,0				23,0	25,0		01019004830
	35,0				25,0	30,0		01019004835
5,0	10,0	9,5	1,10	2,75	4,5	6,0	5,1	01019005010
	12,0				6,0	8,0		01019005012
	14,0				8,0	10,0		01019005014
	16,0				10,0	12,0		01019005016

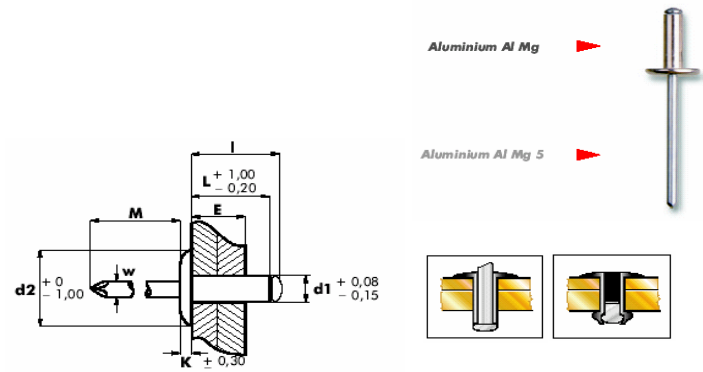
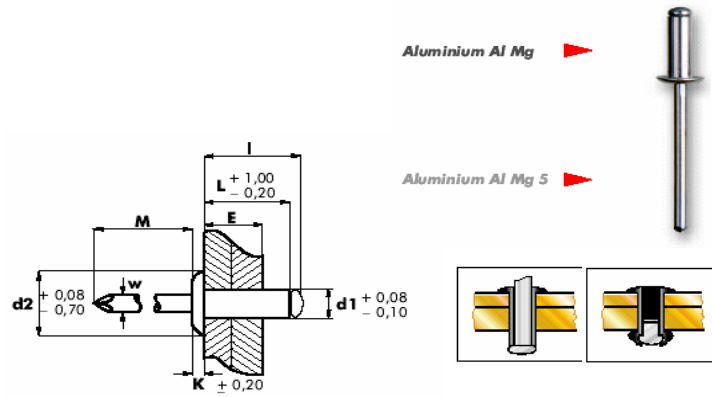
d1 Ø mm.	L mm.	d2 Ø mm.	K mm.	W Ø mm.	E min mm.	E max mm.	Ø сверла mm.	Артикул
5,0	8,0	14,0	1,80	2,75	3,0	4,5	5,1	01039005008
	10,0				4,5	6,0		01039005010
	12,0				6,0	8,0		01039005012
	14,0				8,0	10,0		01039005014
	16,0				10,0	12,0		01039005016

d1 Ø m/m	(N)	(N)
3,20	880	1150
4,00	1300	1960
4,80	1870	2790
5,00	2150	3000



АЛЮМИНИЙ/АЛЮМИНИЙ СТАНДАРТНЫЙ БОРТИК.

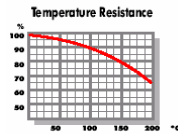
АЛЮМИНИЙ/АЛЮМИНИЙ ШИРОКИЙ БОРТИК



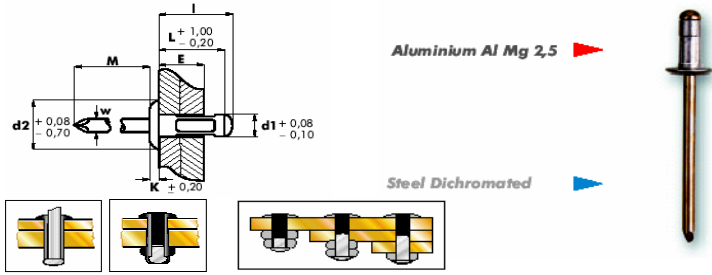
d1 Ø mm.	L mm.	d2 Ø mm.	K mm.	W Ø mm.	E min mm.	E max mm.	Ø сверла mm.	Артикул
3,2	6,0	6,0	1,00	1,95	1,5	3,5	3,3	01160003206
	8,0				3,5	5,5		01160003208
	10,0				5,5	7,0		01160003210
	12,0				7,0	9,0		01160003212
	15,0				9,0	12,0		01160003215
	18,0				12,0	15,0		01160003218
4,0	6,0	8,0	1,20	2,45	1,5	3,0	4,1	01160004006
	8,0				3,0	4,5		01160004008
	10,0				4,5	6,5		01160004010
	12,0				6,5	8,5		01160004012
	14,0				8,5	10,5		01160004014
	16,0				10,5	12,5		01160004016
	18,0				12,5	14,5		01160004018
	20,0				14,5	16,5		01160004020
4,8	6,0	9,0	1,50	2,95	0,5	3,0	4,9	01160004806
	8,0				3,0	4,5		01160004808
	10,0				4,5	6,0		01160004810
	12,0				6,0	8,0		01160004812
	14,0				8,0	10,0		01160004814
	16,0				10,0	12,0		01160004816
	18,0				12,0	14,0		01160004818
	21,0				14,0	17,0		01160004821
	24,0				17,0	20,0		01160004824
	27,0				20,0	23,0		01160004827

d1 Ø mm.	L mm.	d2 Ø mm.	K mm.	W Ø mm.	E min mm.	E max mm.	Ø сверла mm.	Артикул
4,8	10,0	14,0	1,80	2,95	4,0	6,0	4,9	01180004810
	12,0				6,0	8,0		01180004812
	14,0				8,0	10,0		01180004814
	16,0				10,0	12,0		01180004816
	18,0				12,0	14,0		01180004818
	21,0				14,0	17,0		01180004821
	24,0				17,0	20,0		01180004824

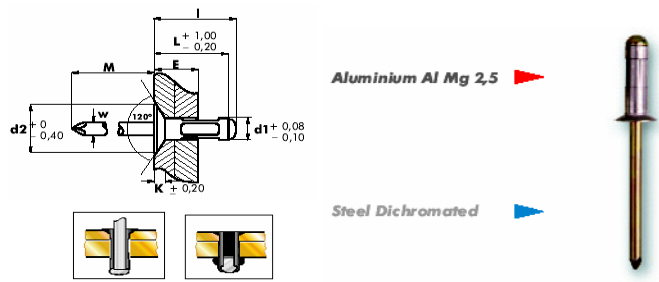
d1 Ø mm.	(N)	(N)
3,2	440	540
4,0	680	800
4,8	980	1300



АЛЮМИНИЙ/СТАЛЬ СТАНДАРТНЫЙ БОРТИК. МНОГОЗАЖИМНАЯ



АЛЮМИНИЙ/СТАЛЬ ПОТАЙНОЙ БОРТИК 120°. МНОГОЗАЖИМНАЯ

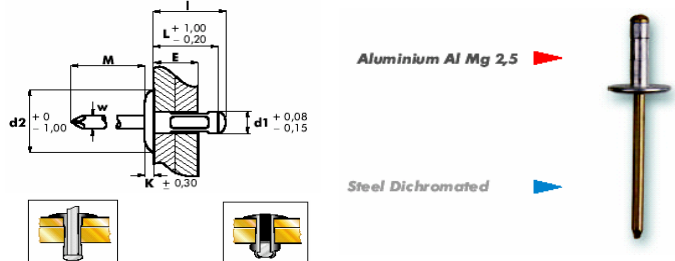


d1 Ø mm.	L mm.	d2 Ø mm.	K mm.	W Ø mm.	E min mm.	E max mm.	Ø сверла mm.	Артикул
3,2	8,0	6,2	1,10	1,80	0,5	5,0	3,3 - 3,5	01080003208
	9,5				0,5	6,0		01080003209
	11,0				4,0	8,0		01080003211
4,0	6,8	8,2	1,40	2,20	0,5	4,0	4,1 - 4,3	010800040068
	9,5				1,0	6,0		01080004009
	12,5				4,0	9,0		01080004012
	16,5				6,0	13,0		01080004016
	10,5				9,9	1,80		2,75
4,8	15,0				4,5	11,0		01080004815
	16,5				6,5	13,0		01080004816
	19,5				9,0	14,0		01080004819
	24,5				12,5	20,0		01080004824
6,4	12,0	13,0	1,80	3,60	1,5	6,0	6,5	01080006412
	15,0				4,0	9,0		01080006415
	18,0				6,0	12,0		01080006418

d1 Ø mm.	L mm.	d2 Ø mm.	K mm.	W Ø mm.	E min mm.	E max mm.	Ø сверла mm.	Артикул
3,2	9,5	9,5	1,10	1,80	0,5	6,0	3,3-3,5	01090003209
4,0	11,0	7,3	1,30	2,20	2,0	8,0	4,1-4,3	01090004011
4,8	12,0	8,8	1,60	2,75	2,0	7,5	4,9-5,1	01090004812
	6,0				12,0	01090004816		

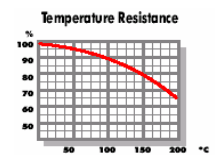
d1 Ø m/m	(N)	(N)
3,20	700	980
4,00	1.200	1.600
4,80	1.470	2.400
6,40	2800	4000

АЛЮМИНИЙ/СТАЛЬ ШИРОКИЙ БОРТИК. МНОГОЗАЖИМНАЯ

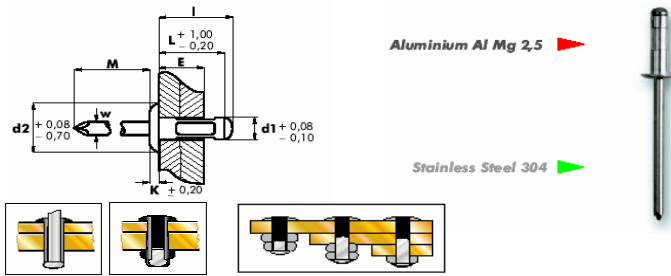


d1 Ø mm.	L mm.	d2 Ø mm.	K mm.	W Ø mm.	E min mm.	E max mm.	Ø сверла mm.	Артикул
4,0	13,0	12,0	1,40	2,20	3,0	9,0	4,1-4,3	01100004013
	16,0				6,0	13,0		01100004016
4,8	10,5	16,0	1,80	2,75	1,5	6,0	4,9-5,1	01100004810
	17,0				6,5	12,5		01100004817
	25,0				12,0	19,5		01100004825

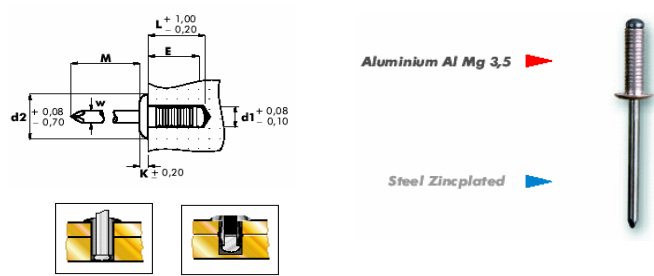
d1 Ø m/m	(N)	(N)
3,20	700	980
4,00	1200	1600
4,80	1470	2400



АЛЮМИНИЙ/СТАЛЬ СТАНДАРТНЫЙ БОРТИК. МНОГОЗАЖИМНАЯ



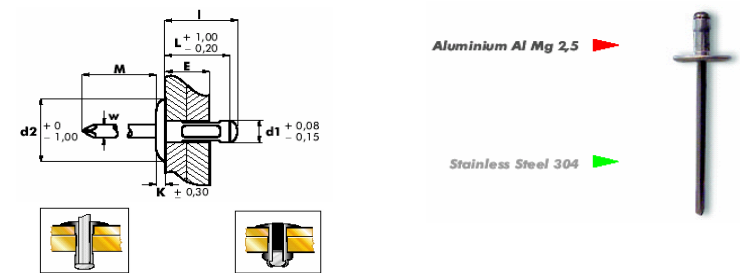
АЛЮМИНИЙ/СТАЛЬ СТАНДАРТНЫЙ БОРТИК. РИФЛЕНАЯ



d1 Ø mm.	L mm.	d2 Ø mm.	K mm.	W Ø mm.	E min mm.	E max mm.	Ø сверла mm.	Артикул
3,2	8,0	6,2	1,10	1,80	0,5	5,0	3,3-3,5	01089003208
	11,0				4,0	8,0		01089003211
4,0	6,8	8,2	1,40	2,20	1,0	3,0	4,1-4,3	010890040068
	9,5				3,0	6,0		01089004009
	12,5				6,0	9,0		01089004012
	16,5				9,0	13,0		01089004016
4,8	10,5	9,9	1,80	2,75	1,5	6,5	4,9-5,1	01089004810
	15,0				4,5	11,0		01089004815
	16,5				6,5	13,0		01089004816
	24,5				12,5	20,0		01089004824

d1 Ø mm.	L mm.	d2 Ø mm.	K mm.	W Ø mm.	E min mm.	E max mm.	Ø сверла mm.	Артикул
3,2	10,0	6,5	0,80	1,80		6,0	3,5	01700003210
	4,0				8,0	8,0		1,00
4,0	12,0					6,0		01700004012
	16,0					8,0		01700004016
	4,8	8,0	9,5	1,10	2,75	4,0		01700004808
	10,0					6,0		01700004810
4,8	12,0					8,0		01700004812
	14,0					10,0		01700004814
	18,0					13,0		01700004818
	21,0					15,0		01700004821
	24,0					20,0		01700004824

АЛЮМИНИЙ/СТАЛЬ ПОТАЙНОЙ БОРТИК 120°. МНОГОЗАЖИМНАЯ

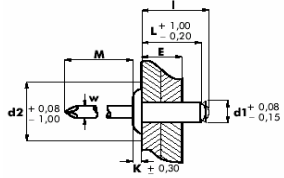


d1 Ø m/m	(N)	(N)
3,20	600	800
4,00	900	1400
4,80	1600	2600

d1 Ø mm.	L mm.	d2 Ø mm.	K mm.	W Ø mm.	E min mm.	E max mm.	Ø сверла mm.	Артикул
4,8	10,5	16,0	1,80	2,75	1,5	6,5	4,9-5,1	01089004810
	15,0				4,5	11,0		01089004815
	16,5				6,5	13,0		01089004816
	24,5				12,5	20,0		01089004824

d1 Ø m/m	(N)	(N)
3,20	700	980
4,00	1.200	1.600
4,80	1.470	2.400

АЛЮМИНИЙ/СТАЛЬ СТАНДАРТНЫЙ БОРТИК. ЛЕПЕСТКОВАЯ



Aluminium Al Mg 3,5 ▶

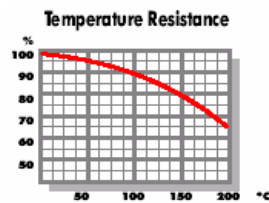
Steel Zincplated ▶



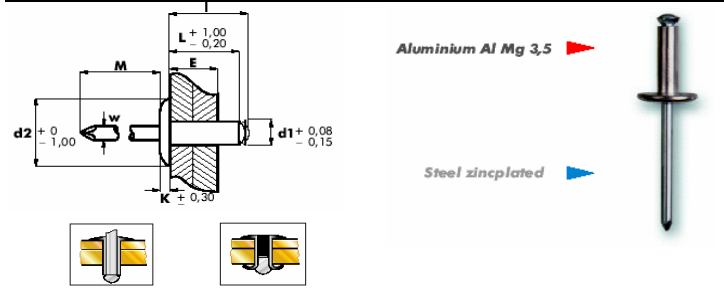
d1 Ø mm.	L mm.	d2 Ø mm.	K mm.	W Ø mm.	E min mm.	E max mm.	Ø сверла mm.	Артикул
3,2	8,0	6,5	0,80	1,80		3,5	3,4	01130003208
	10,0					5,0		01130003210
	12,0					7,0		01130003212
	14,0					9,0		01130003214
	16,0					11,0		01130003216
	18,0					13,0		01130003218
4,0	8,0	9,5	1,00	2,20		4,0	4,2	01130004008
	10,0					6,0		01130004010
	12,0					8,0		01130004012
	14,0					10,0		01130004014
	16,0					12,0		01130004016
	18,0					14,0		01130004018
	20,0					16,0		01130004020
	25,0					21,0		01130004025
4,8	10,0	9,5	1,10	2,75		5,0	5,0	01130004810
	12,0					7,0		01130004812
	14,0					9,0		01130004814
	16,0					11,0		01130004816
	18,0					13,0		01130004818
	21,0					16,0		01130004821
	24,0					19,0		01130004824
	27,0					22,0		01130004827
	30,0					25,0		01130004830
	32,0					27,0		01130004832
	35,0					30,0		01130004835
	40,0					32,0		01130004840
	45,0					37,0		01130004845
	50,0					42,0		01130004850

d1 Ø mm.	L mm.	d2 Ø mm.	K mm.	W Ø mm.	E min mm.	E max mm.	Ø сверла mm.	Артикул
5,0	40,0	9,3	1,50	2,75		32,0	5,2	01130005040
	45,0					37,0		01130005045
	50,0					42,0		01130005050
	55,0					47,0		01130005055
	60,0					52,0		01130005060
	65,0					57,0		01130005065
	70,0					62,0		01130005070
	75,0					68,0		01130005075
	80,0					72,0		01130005080
	90,0					80,0		01130005090
	100,0					90,0		011300050100
	110,0					100,0		011300050110
	120,0					110,0		011300050120
	130,0					120,0		011300050130
	140,0					130,0		011300050140
	150,0					140,0		011300050150
	160,0					150,0		011300050160
	170,0					160,0		011300050170
	180,0					170,0		011300050180
	190,0					180,0		011300050190
6,4	35,0	13,0	2,00	3,50		25,0	6,6	01130006435
	50,0					40,0		01130006450
	80,0					70,0		01130006480
	100,0					90,0		011300064100
	120,0					110,0		011300064120
	150,0					140,0		011300064150
	175,0					165,0		011300064175
	200,0					190,0		011300064200

d1 Ø mm.	(N)	(N)
3,20	1000	1200
4,00	1440	1450
4,80	1800	1570
5,00	2000	2100
6,40	2450	3500

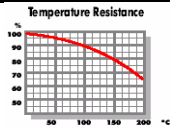


АЛЮМИНИЙ/СТАЛЬ ШИРОКИЙ БОРТИК. ЛЕПЕСТКОВАЯ

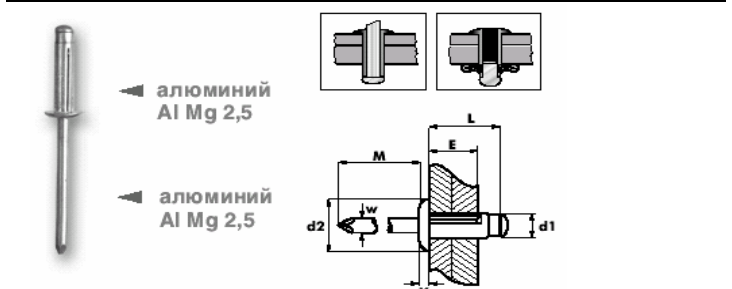


d1 Ø mm.	L mm.	d2 Ø mm.	K mm.	W Ø mm.	E min mm.	E max mm.	Ø сверла mm.	Артикул
4,0	8,0	12,0	1,40	2,20		4,0	4,2	01150004008
	10,0					6,0		01150004010
	12,0					8,0		01150004012
	14,0					10,0		01150004014
	16,0					12,0		01150004016
	18,0					14,0		01150004018
	20,0					16,0		01150004020
4,8	10,0	14,0	1,80	2,75		5,0	5,0	01140004810
	12,0					7,0		01140004812
	14,0					9,0		01140004814
	16,0					11,0		01140004816
	18,0					13,0		01140004818
	21,0					16,0		01140004821
	24,0					19,0		01140004824
	27,0					22,0		01140004827
	30,0					25,0		01140004830
	35,0					30,0		01140004835
4,8	21,0	11,0	1,80	2,75		16,0	5,0	01131004821

d1 Ø m/m	(N)	(N)
4,00	1750	1450
4,80	2100	1570

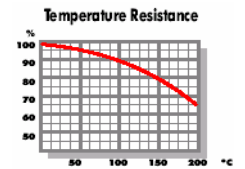


АЛЮМИНИЙ/АЛЮМИНИЙ СТАНДАРТНЫЙ БОРТИК. РАСПОРНАЯ

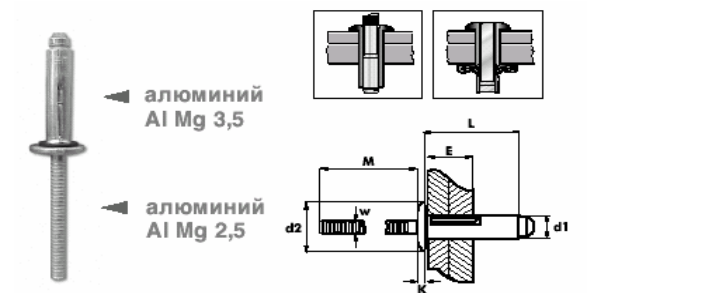


d1 Ø mm.	L mm.	d2 Ø mm.	K mm.	W Ø mm.	E min mm.	E max mm.	Ø сверла mm.	Артикул
4,0	13,6	8,0	1,40	2,40	1,0	3,0	4,2-4,5	01600004013
	18,8				1,0	7,0		01600004018
	24,5				4,0	12,0		01600004025
4,8	15,3	9,3	1,60	2,90	1,0	3,0	5,0-5,3	01600004815
	20,5				1,0	9,0		01600004820
	24,5				4,0	12,0		01600004824
	28,0				6,0	16,0		01600004828

d1 Ø m/m	(N)	(N)
4,00	500	1000
4,80	900	1100



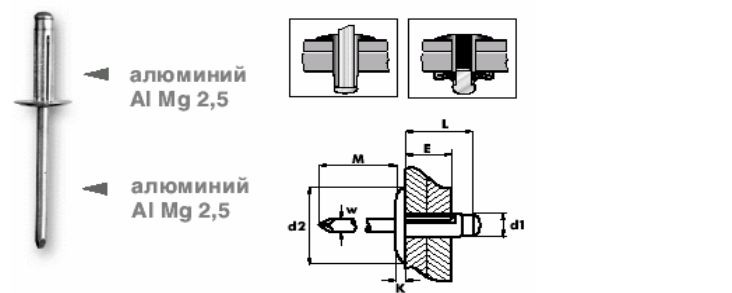
АЛЮМИНИЙ/АЛЮМИНИЙ СТАНДАРТНЫЙ БОРТИК



d1 Ø mm.	L mm.	d2 Ø mm.	K mm.	W Ø mm.	E min mm.	E max mm.	Ø сверла mm.	Артикул
5,2	20,5	11,4	2,00	3,10	0,5	5,0	5,3-5,6	01650005220
	26,5				4,5	11,0		01650005226

d1 Ø m/m	(N)	(N)
5,20	3260	1900

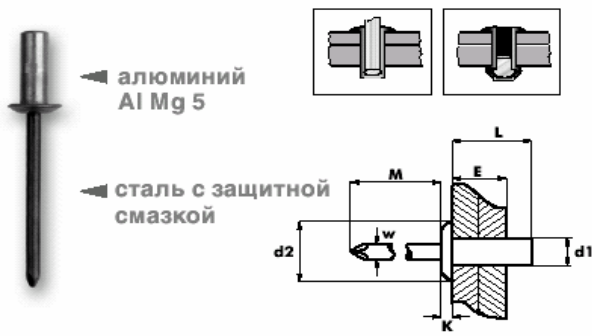
АЛЮМИНИЙ/АЛЮМИНИЙ ШИРОКИЙ БОРТИК. РАСПОРНАЯ



d1 Ø mm.	L mm.	d2 Ø mm.	K mm.	W Ø mm.	E min mm.	E max mm.	Ø сверла mm.	Артикул
4,0	18,8	12,0	1,40	2,40	1,0	7,0	4,2-4,5	01640004018
4,8	15,3	10,0	1,60	2,90	1,0	3,0	5,0-5,3	01631004815
	20,5				1,0	9,0		01631004820
	24,5				4,0	12,0		01631004824
4,8	20,5	14,0	1,60	2,90	1,0	9,0	5,0-5,3	01630004820

d1 Ø m/m	(N)	(N)
4,00	500	1000
4,80	900	1100

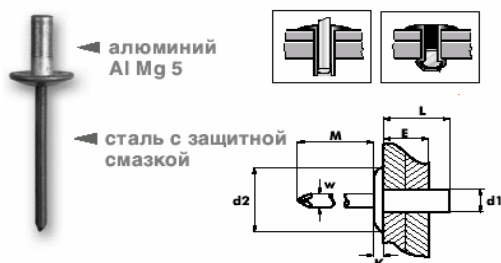
АЛЮМИНИЙ/СТАЛЬ СТАНДАРТНЫЙ БОРТИК. ЗАКРЫТАЯ



d1 Ø mm.	L mm.	d2 Ø mm.	K mm.	W Ø mm.	E min mm.	E max mm.	Ø сверла mm.	Артикул
3,2	6,5	6,0	0,90	1,70	0,5	2,0	3,3	01110003206
	8,0				2,0	3,5		01110003208
	9,5				3,5	5,0		01110003209
	11,0				5,0	6,5		01110003211
	12,5				6,5	8,0		01110003212
4,0	8,0	8,0	1,40	2,20	0,5	3,5	4,1	01110004008
	9,5				3,5	5,0		01110004010
	11,0				5,0	6,5		01110004011
	12,5				6,5	8,0		01110004013
	14,5				8,0	10,0		01110004015
4,8	8,5	9,5	1,50	2,60	0,5	3,5	4,9	01110004808
	9,5				3,5	5,0		01110004810
	11,0				5,0	6,5		01110004811
	13,0				6,5	8,0		01110004813
	14,5				8,0	9,5		01110004814
	16,0				9,5	11,5		01110004816
	18,0				11,0	13,0		01110004818
	21,0				13,0	16,0		01110004821
	25,0				16,0	20,0		01110004825
6,4	12,7	12,5	1,80	3,60	4,0	7,0	6,5	01110006413
	15,5				7,0	10,0		01110006415

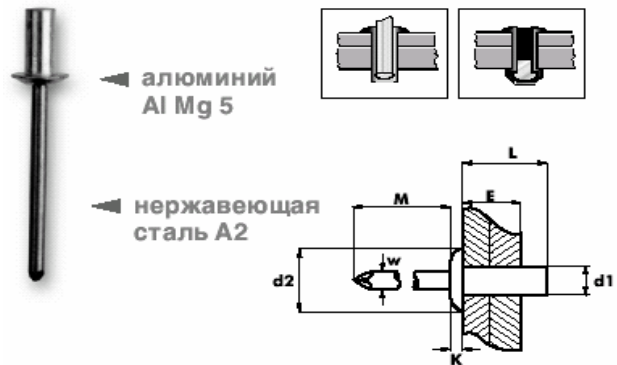
d1 Ø m/m	(N)	(N)
3,20	1160	1400
4,00	1860	2500
4,80	2400	3400
6,40	4000	4900

АЛЮМИНИЙ/СТАЛЬ ШИРОКИЙ БОРТИК. ЗАКРЫТАЯ



d1 Ø mm.	L mm.	d2 Ø mm.	K mm.	W Ø mm.	E min mm.	E max mm.	Ø сверла mm.	Артикул
4,8	13,0	14,0	1,80	2,75	6,5	8,0	4,9	01120004813
	18,0				10,5	12,5		01120004818

АЛЮМИНИЙ/НЕРЖ.СТАЛЬ СТАНДАРТНЫЙ БОРТИК. ЗАКРЫТАЯ



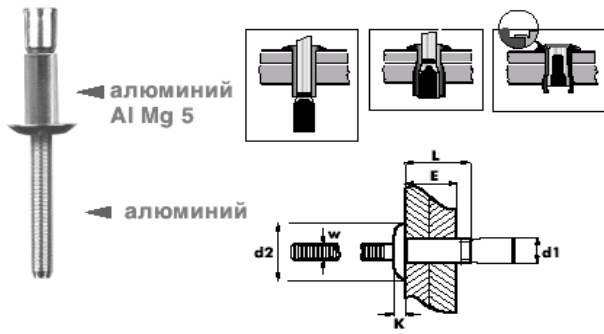
d1 Ø mm.	L mm.	d2 Ø mm.	K mm.	W Ø mm.	E min mm.	E max mm.	Ø сверла mm.	Артикул
3,2	6,5	6	0,8	1,7	0,5	2	3,3	01119003206
	8				2	3,5		01119003208
	9,5				3,5	5		01119003209
	12,5				6,5	8		01119003212
4,0	8,0	8	1,30	2,20	0,5	3,5	4,1	01119004008
	9,5				3,5	5,0		01119004010
	11,0				5,0	6,5		01119004011
	12,5				6,5	8,0		01119004013
4,8	9,5	9,5	1,50	2,65	3,5	5,0	4,9	01119004810
	11,0				5,0	7,5		01119004811
	13,0				7,5	9,0		01119004813
	14,5				9,0	10,5		01119004814

АЛЮМИНИЙ/СТАЛЬ ПОТАЙНОЙ БОРТИК 120. ЗАКРЫТАЯ



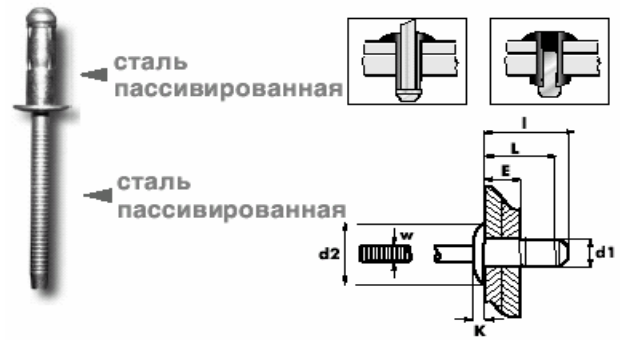
d1 Ø mm.	L mm.	d2 Ø mm.	K mm.	W Ø mm.	E min mm.	E max mm.	Ø сверла mm.	Артикул
4,8	10,0	9,5	1,50	2,60	4,5	6,0	4,9	01112004810
	12,0				6,0	8,0		01112004812
	14,5				8,0	10,0		01112004814
	16,0				10,0	12,0		01112004816

АЛЮМИНИЙ/АЛЮМИНИЙ СТАНДАРТНЫЙ БОРТИК. УСИЛЕННАЯ



d1 Ø mm.	L mm.	d2 Ø mm.	K mm.	W Ø mm.	E min mm.	E max mm.	Ø сверла mm.	Артикул
6,5	14,0	13,0	2,50	4,00	1,0	9,5	6,6-7,0	G180100 6514
	20,0				2,0	16,0		G180100 6520

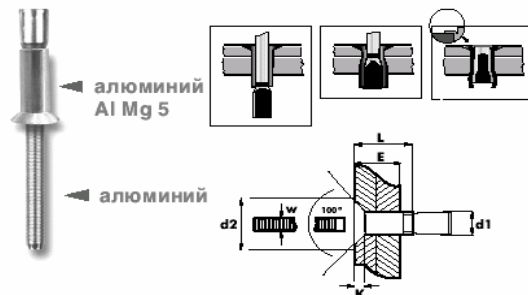
СТАЛЬ/СТАЛЬ СТАНДАРТНЫЙ БОРТИК. ДЛЯ МЯГКИХ МАТЕРИАЛОВ



d1 Ø mm.	L mm.	d2 Ø mm.	K mm.	W Ø mm.	E min mm.	E max mm.	Ø сверла mm.	Артикул
4,8	9,0	9,2	1,20	3,00	1,5	3,5	4,9-5,1	01894004809
	11,5				3,5	6,0		01894004812
	14,5				6,0	8,5		01894004815

d1 Ø m/m	L m/m	(N)	(N)
4,8	9,5	3500	4400
	11,5	5700	4800
	14,5	6500	4600

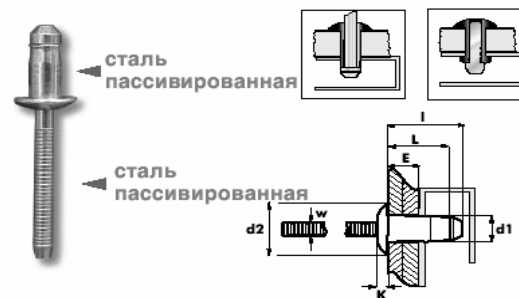
АЛЮМИНИЙ/АЛЮМИНИЙ ПОТАЙНОЙ БОРТИК 120. УСИЛЕННАЯ



d1 Ø mm.	L mm.	d2 Ø mm.	K mm.	W Ø mm.	E min mm.	E max mm.	Ø сверла mm.	Артикул
6,5	16,0	11,2	2,20	4,00	1,0	12,0	6,6-7,0	G1802006516

d1 Ø m/m	(N)	(N)
6,50	6000	4200

СТАЛЬ/СТАЛЬ СТАНДАРТНЫЙ БОРТИК. ДЛЯ ТОНКИХ МАТЕРИАЛОВ

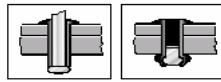


d1 Ø mm.	L mm.	d2 Ø mm.	K mm.	W Ø mm.	E min mm.	E max mm.	Ø сверла mm.	Артикул
6,4	10,5	13,1	2,60	4,00	2,8	4,8	6,7-6,9	G1884006410
	12,5				4,8	6,8		G1884006412
	14,5				6,8	8,8		G1884006414
	16,5				8,8	10,8		G1884006416

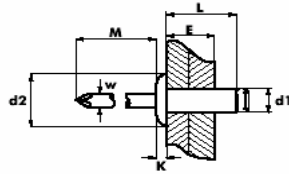
d1 Ø m/m	L m/m	(N)	(N)
6,4	10,5	12000	8800
	12,5	12500	8800
	14,5	14000	8800
	16,5	15000	8800

СТАЛЬ/СТАЛЬ СТАНДАРТНЫЙ БОРТИК.

Steel Zincplated



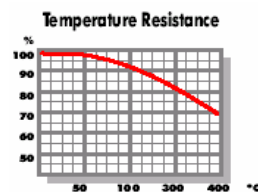
Steel Dichromated



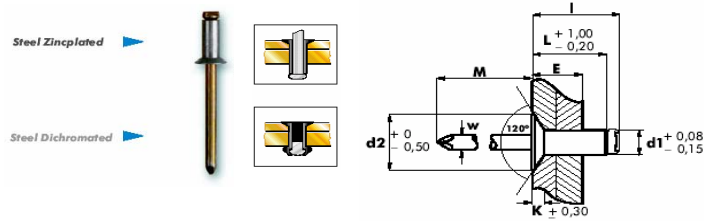
d1 Ø mm.	L mm.	d2 Ø mm.	K mm.	W Ø mm.	E min mm.	E max mm.	Ø сверла mm.	Артикул
3,0	6,0	6,5	0,80	2,00	1,5	3,5	3,1	01210003006
	8,0				3,5	5,5		01210003008
	10,0				5,5	7,0		01210003010
	12,0				7,0	9,0		01210003012
3,2	6,0	6,5	0,80	2,00	1,5	3,5	3,3	01210003206
	8,0				3,5	5,5		01210003208
	10,0				5,5	7,0		01210003210
	12,0				7,0	9,0		01210003212
	14,0				9,0	11,0		01210003214
4,0	6,0	8,0	1,00	2,40	1,5	3,0	4,1	01210004006
	8,0				3,0	5,0		01210004008
	10,0				5,0	6,5		01210004010
	12,0				6,5	8,5		01210004012
	14,0				8,5	10,5		01210004014
	16,0				10,5	12,5		01210004016
	18,0				12,5	14,5		01210004018
	20,0				14,5	16,5		01210004020
4,8	6,0	9,5	1,10	2,95	0,5	3,0	4,9	01210004806
	8,0				3,0	4,5		01210004808
	10,0				4,5	6,0		01210004810
	12,0				6,0	8,0		01210004812
	14,0				8,0	10,0		01210004814
	16,0				10,0	12,0		01210004816
	18,0				12,0	14,0		01210004818
	21,0				14,0	16,0		01210004821
	24,0				16,0	19,0		01210004824
	30,0				20,0	25,0		01210004830
	35,0				25,0	30,0		01210004835

d1 Ø mm.	L mm.	d2 Ø mm.	K mm.	W Ø mm.	E min mm.	E max mm.	Ø сверла mm.	Артикул
5,0	8,0	9,5	1,10	2,95	3,0	4,5	5,1	01210005008
	10,0				4,5	6,0		01210005010
	12,0				6,0	8,0		01210005012
	14,0				8,0	10,0		01210005014
	16,0				10,0	11,5		01210005016
	18,0				11,5	13,0		01210005018
	20,0				13,0	15,0		01210005020
	25,0				15,0	20,0		01210005025
	30,0				20,0	25,0		01210005030
	35,0				25,0	30,0		01210005035
	40,0				30,0	34,0		01210005040
	45,0				34,0	39,0		01210005045
	50,0				39,0	44,0		01210005050
	60,0				44,0	54,0		01210005060
6,0	8,0	12,0	1,50	3,60	2,0	4,0	6,1	01210006008
	10,0				4,0	6,0		01210006010
	12,0				6,0	8,0		01210006012
	14,0				8,0	10,0		01210006014
	16,0				10,0	11,0		01210006016
	18,0				11,0	13,0		01210006018
	20,0				13,0	15,0		01210006020
	25,0				15,0	20,0		01210006025
	30,0				20,0	25,0		01210006030
6,4	8,0	13,0	1,80	3,90	1,0	2,0	6,5	01210006408
	10,0				2,0	4,0		01210006410
	12,0				4,0	6,0		01210006412
	15,0				6,0	9,0		01210006415
	18,0				9,0	12,0		01210006418
	20,0				12,0	14,0		01210006420
	22,0				14,0	16,0		01210006422
	25,0				16,0	19,0		01210006425
	30,0				19,0	24,0		01210006430

d1 Ø m/m	(N)	(N)
3,00	1100	1500
3,20	1400	1700
4,00	2000	2400
4,80	3000	4100
5,00	3500	4800
6,00	4200	5500
6,40	4950	7000

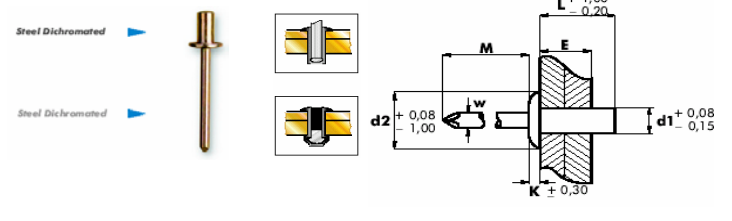


СТАЛЬ/СТАЛЬ ПОТАЙНОЙ БОРТИК 120



d1 Ø mm.	L mm.	d2 Ø mm.	K mm.	W Ø mm.	E min mm.	E max mm.	Ø сверла mm.	Артикул
4,0	8,0	7,5	1,00	2,40	3,0	5,0	4,1	01220004008
	10,0				5,0	6,5		01220004010
	12,0				6,5	8,5		01220004012
	14,0				8,5	10,5		01220004014
4,8	8,0	9,0	1,20	2,95	3,0	4,5	4,9	01220004808
	10,0				4,5	6,0		01220004810
	12,0				6,0	8,0		01220004812
	14,0				8,0	10,0		01220004814

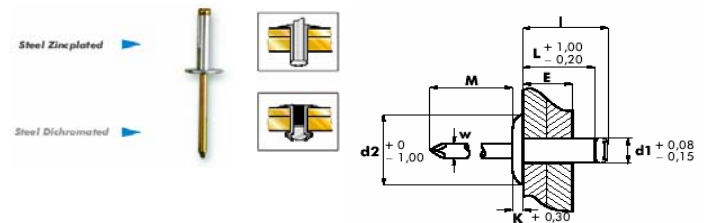
СТАЛЬ/СТАЛЬ СТАНДАРТНЫЙ БОРТИК. ЗАКРЫТАЯ



d1 Ø mm.	L mm.	d2 Ø mm.	K mm.	W Ø mm.	E min mm.	E max mm.	Ø сверла mm.	Артикул
3,2	8,0	6,0	1,00	1,90	0,5	3,0	3,3	01290003208
	9,5				1,0	4,5		01290003209
	12,0				4,0	7,0		01290003212
4,0	8,0	8,0	1,40	2,30	0,5	3,5	4,1	01290004008
	10,0				1,0	5,0		01290004010
	12,0				5,0	7,5		01290004012
	15,0				7,5	10,5		01290004015
4,8	9,5	9,5	1,70	2,90	1,0	4,0	4,9	01290004809
	12,0				4,0	6,0		01290004812

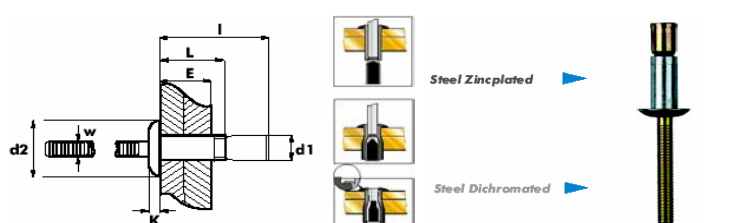
d1 Ø m/m	(N)	(N)
3,20	1100	1200
4,00	1700	1860
4,80	2400	2840

СТАЛЬ/СТАЛЬ ШИРОКИЙ БОРТИК



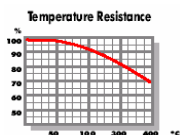
d1 Ø mm.	L mm.	d2 Ø mm.	K mm.	W Ø mm.	E min mm.	E max mm.	Ø сверла mm.	Артикул
4,0	6,0	10,0	1,40	2,40	1,5	3,0	4,1	01230004006
	8,0				3,0	5,0		01230004008
	10,0				5,0	6,5		01230004010
	12,0				6,5	8,5		01230004012
	14,0				8,5	10,5		01230004014
4,8	10,0	14,0	1,80	2,95	3,0	6,0	4,9	01230004810
	12,0				6,0	8,0		01230004812
	14,0				8,0	10,0		01230004814
	16,0				10,0	12,0		01230004816
	18,0				12,0	14,0		01230004818
	21,0				14,0	16,0		01230004821
	24,0				16,0	18,0		01230004824
	30,0				23,0	25,0		01230004830

СТАЛЬ/СТАЛЬ СТАНДАРТНЫЙ БОРТИК. УСИЛЕННАЯ

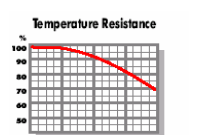


d1 Ø mm.	L mm.	d2 Ø mm.	K mm.	W Ø mm.	E min mm.	E max mm.	Ø сверла mm.	Артикул
4,8	10,3	9,7	1,80	3,00	1,5	6,8	4,9	G182100 4810
	13,5				1,5	11,0		G182100 4813
6,5	14,0	13,0	2,50	4,00	1,0	9,5	6,6-7,0	G182100 6514
	20,0				2,0	16,0		G182100 6520

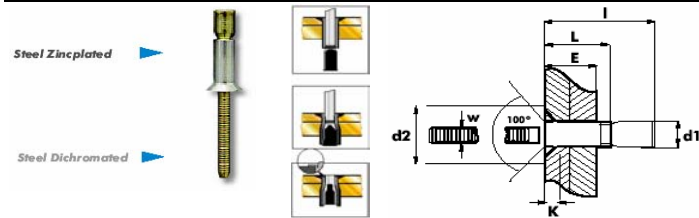
d1 Ø m/m	(N)	(N)
4,00	2000	2400
4,80	3000	4100



d1 Ø m/m	(N)	(N)
4,80	6400	5100
6,50	11900	10500

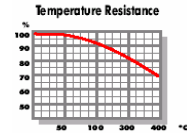


СТАЛЬ/СТАЛЬ ПОТАЙНОЙ БОРТИК. УСИЛЕННАЯ

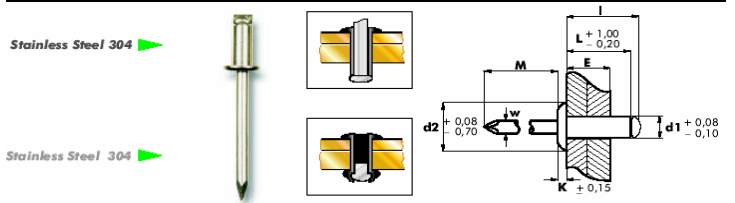


d1 Ø mm.	L mm.	d2 Ø mm.	K mm.	W Ø mm.	E min mm.	E max mm.	Ø сверла мм.	Артикул
6,5	16,0	11,2	2,20	4,00	1,0	12,0	6,6-7,0	G1822006516

d1 Ø m/m	(N)	(N)
4,80	6400	5100
6,50	11900	10500

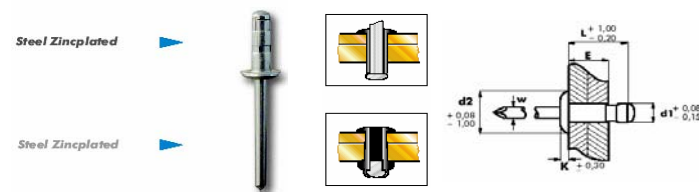


НЕРЖ.СТАЛЬ/НЕРЖ.СТАЛЬ СТАНДАРТНЫЙ БОРТИК.



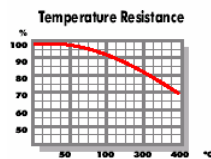
d1 Ø mm.	L mm.	d2 Ø mm.	K mm.	W Ø mm.	E min mm.	E max mm.	Ø сверла мм.	Артикул
3,0	6,0	6,2	1,00	1,90	1,0	3,0	3,1	01260003006
	8,0				3,0	5,0		01260003008
	10,0				5,0	7,0		01260003010
	12,0				6,0	9,0		01260003012
3,2	6,0	6,2	1,00	2,10	1,0	3,0	3,3	01260003206
	8,0				3,0	5,0		01260003208
	10,0				5,0	7,0		01260003210
	12,0				6,0	9,0		01260003212
	15,0				9,0	12,0		01260003215
	18,0				12,0	15,0		01260003218
4,0	6,0	8,0	1,30	2,40	1,0	3,0	4,1	01260004006
	8,0				3,0	5,0		01260004008
	10,0				5,0	6,5		01260004010
	12,0				6,5	8,5		01260004012
	14,0				8,5	10,5		01260004014
	16,0				9,5	12,0		01260004016
	18,0				12,0	14,0		01260004018
	20,0				14,0	16,0		01260004020
4,8	8,0	8,7	1,40	3,10	1,0	3,0	4,9	01260004808
	10,0				4,0	6,0		01260004810
	12,0				6,0	8,0		01260004812
	14,0				8,0	10,0		01260004814
	16,0				10,0	12,0		01260004816
	18,0				12,0	14,0		01260004818
4,8	20,0	9,5	1,10	2,90	14,0	16,0	4,9	01240004820
	25,0				16,0	20,0		01240004825
	30,0				20,0	25,0		01240004830
5,0	8,0	9,5	1,40	3,10	1,0	3,0	5,1	01260005008
	10,0				4,0	6,0		01260005010
	12,0				6,0	8,0		01260005012
	14,0				8,0	10,0		01260005014
	16,0				10,0	12,0		01260005016
6,4	12,0	12,7	1,70	3,85	2,0	6,0	6,5	01260006412
	15,0				6,0	9,0		01260006415
	18,0				9,0	12,0		01260006418

СТАЛЬ/СТАЛЬ СТАНДАРТНЫЙ БОРТИК. МНОГОЗАЖИМНАЯ

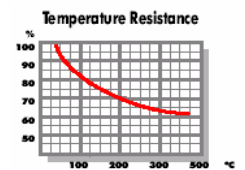


d1 Ø mm.	L mm.	d2 Ø mm.	K mm.	W Ø mm.	E min mm.	E max mm.	Ø сверла мм.	Артикул
4,0	11,0	8,0	1,00	2,40	1,5	3,5	4,1	01280004011
4,8	10,5	9,5	1,20	3,10	1,5	4,5	4,9	01280004810
	13,0				4,0	6,5		01270004813

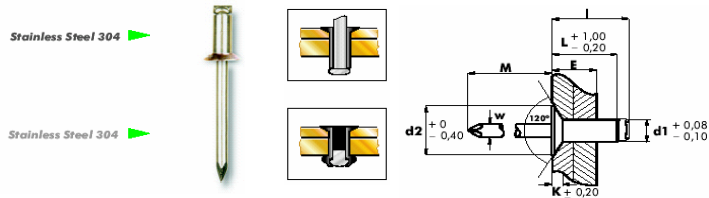
d1 Ø m/m	(N)	(N)
4,00	1200	1600
4,80	1470	2400



d1 Ø m/m	(N)	(N)
3,00	2300	2750
3,20	2500	2750
4,00	3500	4000
4,80	4500	5500
5,00	4500	5500
6,40	7570	9350

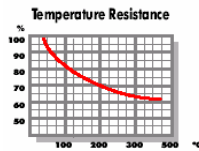


НЕРЖ.СТАЛЬ/НЕРЖ.СТАЛЬ ПОТАЙНОЙ БОРТИК 120

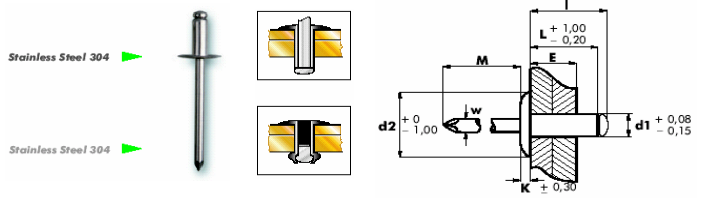


d1 Ø mm.	L mm.	d2 Ø mm.	K mm.	W Ø mm.	E min mm.	E max mm.	Ø сверла mm.	Артикул
3,2	6,0	6,0	0,90	2,10	1,5	3,5	3,3	01270003206
	8,0				3,5	5,5		01270003208
	10,0				5,5	7,0		01270003210
	12,0				7,0	9,0		01270003212
4,0	8,0	7,5	1,00	2,40	3,0	5,0	4,1	01270004008
	10,0				5,0	6,5		01270004010
	12,0				6,5	8,5		01270004012
	14,0				8,5	10,5		01270004014
4,8	8,0	9,0	1,20	3,10	3,0	4,5	4,9	01270004808
	10,0				4,5	6,0		01270004810
	12,0				6,0	8,0		01270004812
	14,0				8,0	10,0		01270004814

d1 Ø m/m	(N)	(N)
3,20	2300	2750
3,20	2500	2750
4,00	3500	4000
4,80	4500	5500
5,00	4500	5500
6,40	7570	9350

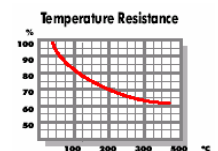


НЕРЖ.СТАЛЬ/НЕРЖ.СТАЛЬ ШИРОКИЙ БОРТИК.

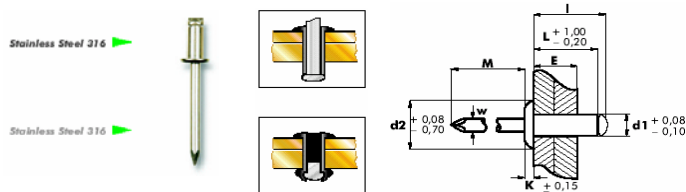


d1 Ø mm.	L mm.	d2 Ø mm.	K mm.	W Ø mm.	E min mm.	E max mm.	Ø сверла mm.	Артикул
3,2	10,0	10,0	1,00	2,10	5,5	7,0	3,3	01310003210
4,0	10,0	12,0	1,30	2,50	5,0	7,0	4,1	01310004010
	13,0				7,0	10,0		01310004013
	16,0				10,0	13,0		01310004016
4,8	8,0	16,0	1,40	3,00	1,5	3,0	4,9	01310004808
	10,0				3,0	6,0		01310004810
	12,0				6,0	8,0		01310004812
	16,0				10,0	12,0		01310004816

d1 Ø m/m	(N)	(N)
3,20	1880	2350
4,00	2890	3650
4,80	4230	5330

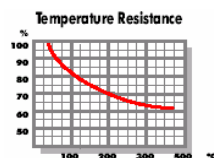


НЕРЖ.СТАЛЬ А4/НЕРЖ.СТАЛЬ А4 СТАНДАРТНЫЙ БОРТИК

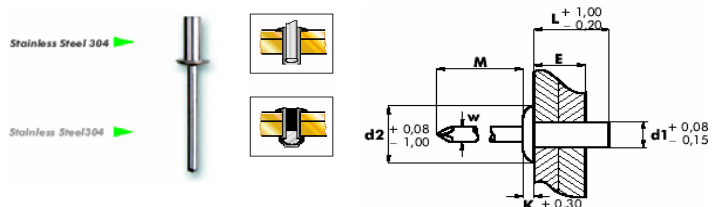


d1 Ø mm.	L mm.	d2 Ø mm.	K mm.	W Ø mm.	E min mm.	E max mm.	Ø сверла mm.	Артикул
3,2	6,0	6,2	1,00	2,10	1,0	3,0	3,3	01340003206
	8,0				3,0	5,0		01340003208
	10,0				5,0	7,0		01340003210
	12,0				7,0	9,0		01340003212
4,0	6,0	8,0	1,30	2,40	1,0	3,0	4,1	01340004006
	8,0				3,0	5,0		01340004008
	10,0				5,0	7,0		01340004010
	12,0				7,0	9,0		01340004012
	14,0				9,0	11,0		01340004014
4,8	8,0	8,7	1,40	3,10	1,0	3,0	4,9	01340004808
	10,0				4,0	6,0		01340004810
	12,0				6,0	8,0		01340004812
	14,0				8,0	10,0		01340004814

d1 Ø m/m	(N)	(N)
3,20	2500	2.750
4,00	3500	4.000
4,80	4500	5.500

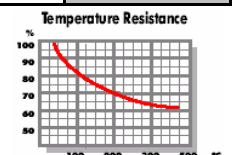


НЕРЖ.СТАЛЬ/НЕРЖ.СТАЛЬ СТАНДАРТНЫЙ БОРТИК. ЗАКРЫТАЯ

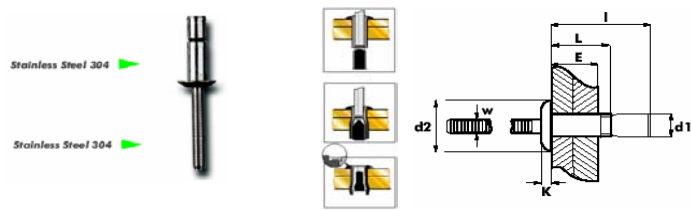


d1 Ø mm.	L mm.	d2 Ø mm.	K mm.	W Ø mm.	E min mm.	E max mm.	Ø сверла mm.	Артикул
3,2	8,0	6,0	1,00	1,90	0,5	3,0	3,3	01300003208
	9,5				1,0	4,5		01300003209
	12,0				4,5	7,0		01300003212
4,0	8,0	8,0	1,40	2,30	0,5	3,0	4,1	01300004008
	9,5				1,0	4,5		01300004009
	12,0				4,5	7,5		01300004012
	14,0				7,0	10,0		01300004014
	16,0				9,0	12,0		01300004016
4,8	9,5	9,5	1,40	2,90	1,0	4,0	4,9	01300004809
	12,0				4,0	6,0		01300004812
	13,0				5,0	7,0		01300004813
	15,0				5,0	9,0		01300004815
	16,0				6,0	10,0		01300004816
	17,0				10,0	12,0		01300004817
	18,0				11,0	13,0		01300004818

d1 Ø m/m	(N)	(N)
3,20	1100	1200
4,00	1700	1860
4,80	2400	2840

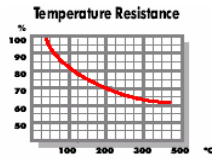


НЕРЖ.СТАЛЬ/НЕРЖ.СТАЛЬ СТАНДАРТНЫЙ БОРТИК. УСИЛЕННАЯ

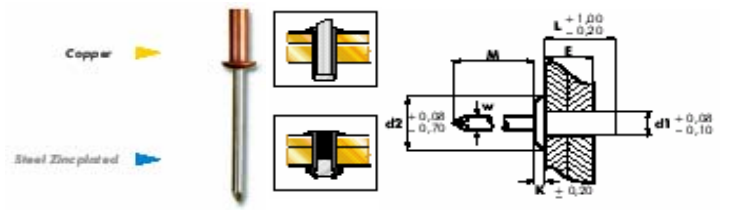


d1 Ø mm.	L mm.	d2 Ø mm.	K mm.	W Ø mm.	E min mm.	E max mm.	Ø сверла mm.	Артикул
6,5	14,0	13,0	2,50	4,00	1,0	9,5	6,6-7,0	G1826006514
	20,0				2,0	16,0		G1826006520

d1 Ø m/m	(N)	(N)
6,50	11700	10500

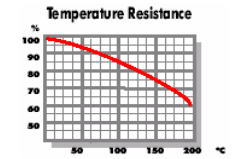


МЕДЬ/СТАЛЬ СТАНДАРТНЫЙ БОРТИК. ЗАКРЫТАЯ

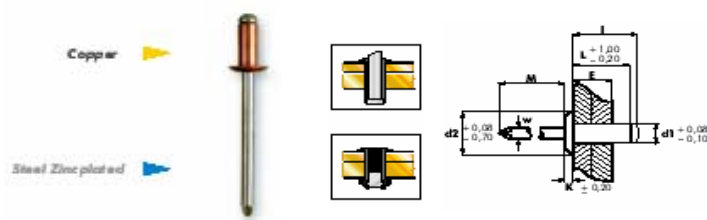


d1 Ø mm.	L mm.	d2 Ø mm.	K mm.	W Ø mm.	E min mm.	E max mm.	Ø сверла mm.	Артикул
3,2	9,5	6,3	1,40	1,70	3,5	5,5	3,3	01320003209
4,0	10,0	8,0	1,40	2,20	3,5	5,5	4,1	01320004010
4,8	9,5	9,5	1,60	2,65	2,5	4,5	4,8	01320004810
	12,0				4,5	6,5		01320004812

d1 Ø m/m	(N)	(N)
3,20	1030	850
4,00	1200	980
4,80	1430	1160

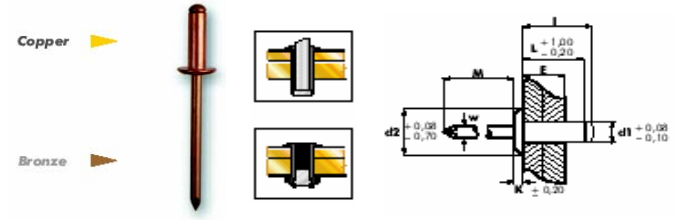


МЕДЬ/СТАЛЬ СТАНДАРТНЫЙ БОРТИК



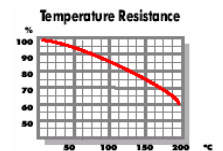
d1 Ø mm.	L mm.	d2 Ø mm.	K mm.	W Ø mm.	E min mm.	E max mm.	Ø сверла mm.	Артикул
3,0	6,0	6,5	0,80	2,00	1,5	3,5	3,1	01250003006
	8,0				3,5	5,5		01250003008
	10,0				5,5	7,0		01250003010
	12,0				7,0	9,0		01250003012
4,0	6,0	8,0	1,00	2,40	1,5	3,0	4,1	01250004006
	8,0				3,0	5,0		01250004008
	10,0				5,0	6,5		01250004010
	12,0				6,5	8,5		01250004012
	14,0				8,5	10,5		01250004014
	16,0				10,5	12,5		01250004016
4,8	8,0	9,5	1,10	2,95	3,0	4,5	4,9	01250004808
	10,0				4,5	6,0		01250004810
	12,0				6,0	8,0		01250004812
	14,0				8,0	10,0		01250004814

МЕДЬ/БРОНЗА СТАНДАРТНЫЙ БОРТИК

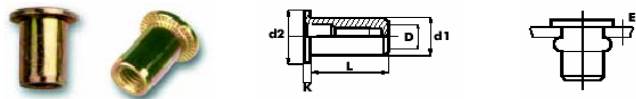


d1 Ø mm.	L mm.	d2 Ø mm.	K mm.	W Ø mm.	E min mm.	E max mm.	Ø сверла mm.	Артикул
3,0	6,0	6,5	0,80	1,80	1,5	3,5	3,1	01400003006
	8,0				3,5	5,5		01400003008
	10,0				5,5	7,0		01400003010
	12,0				7,0	9,0		01400003012
3,2	6,0	6,5	0,80	2,00	1,5	3,5	3,3	01400003206
	8,0				3,5	5,5		01400003208
	10,0				5,5	7,0		01400003210
	12,0				7,0	9,0		01400003212
4,0	6,0	8,0	1,00	2,40	1,5	3,0	4,1	01400004006
	8,0				3,0	5,0		01400004008
	10,0				5,0	6,5		01400004010
	12,0				6,5	8,5		01400004012
	14,0				8,5	10,5		01400004014
	16,0				10,5	12,5		01400004016

d1 Ø m/m	(N)	(N)
3,00	650	900
4,00	1400	2000



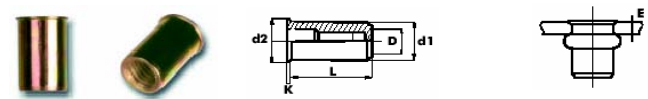
СТАЛЬ ЦИЛИНДРИЧЕСКИЙ БОРТИК



D Ø mm.	L mm.	d2 Ø mm.	K mm.	d1 Ø mm.	E min mm.	E max mm.	Ø сверла mm.	Артикул
M4	9,5	9,0	1,00	6,00	0,3	3,0	6,1	030110 4006
	12,3	9,0	1,00	6,00	3,0	4,5	6,1	030111 4006
M5	12,0	10,0	1,00	7,00	0,3	3,0	7,1	030110 5007
	15,0	10,0	1,00	7,00	3,0	5,5	7,1	030111 5007
M6	14,5	13,0	1,50	9,00	0,5	3,0	9,1	030110 6009
	16,5	13,0	1,50	9,00	3,0	5,5	9,1	030111 6009
M8	16,5	16,0	1,50	11,00	0,5	3,0	11,1	030110 8011
	18,5	16,0	1,50	11,00	3,0	5,5	11,1	030111 8011
M10	17,5	16,0	1,70	12,00	1,0	3,5	12,1	030110 1012
M12	25,0	23,0	2,00	16,00	1,0	4,0	16,1	030110 1016

d1 Ø m/m	(N)	(Nm)	
M 4	2.836	5.150	3,0
M 5	3.816	8.600	7,0
M 6	5.707	10.620	12,0
M 8	10.156	12.300	23,0
M 10	10.473	15.000	39,0
M 12	12.914	27.500	54,0

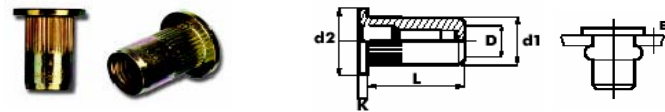
СТАЛЬ УМЕНЬШЕННЫЙ БОРТИК



D Ø mm.	L mm.	d2 Ø mm.	K mm.	d1 Ø mm.	E min mm.	E max mm.	Ø сверла mm.	Артикул
M3	8,7	5,4	0,10	4,92	0,5	1,5	5,1	030120 3004
M4	10,4	6,7	0,10	6,30	0,5	2,0	6,4	030120 4006
M5	11,5	7,9	0,10	7,10	0,5	3,0	7,2	030120 5007
M6	14,5	10,2	0,10	9,50	0,7	3,0	9,6	030120 6009
M8	16,0	11,3	0,10	10,50	0,8	4,5	10,6	030120 8011

d1 Ø m/m	(N)	(Nm)	
M 3	811	2.200	1,7
M 4	1.742	7.000	2,8
M 5	3.389	7.800	5,7
M 6	5.146	11.000	6,5
M 8	8.284	12.400	8,6

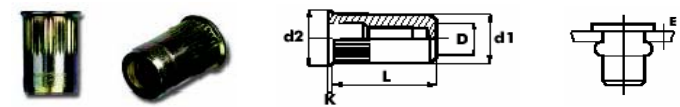
СТАЛЬ ЦИЛИНДРИЧЕСКИЙ БОРТИК С НАСЕЧКОЙ



D Ø mm.	L mm.	d2 Ø mm.	K mm.	d1 Ø mm.	E min mm.	E max mm.	Ø сверла mm.	Артикул
M3	9,8	7,5	1,00	5,00	0,3	2,0	5,1	037110 3005
M4	9,5	9,0	1,00	6,00	0,3	3,0	6,1	037110 4006
	12,3			6,00	3,0	4,5		037111 4006
M5	12,0	10,0	1,00	7,00	0,3	3,0	7,1	037110 5007
	15,0			7,00	3,0	5,5		037111 5007
M6	14,5	13,0	1,50	9,00	0,5	3,0	9,1	037110 6009
	16,5			9,00	3,0	5,5		037111 6009
M8	16,5	16,0	1,50	11,00	0,5	3,0	11,1	037110 8011
	18,5			11,00	3,0	5,5		037111 8011
M10	19,5	19,0	2,00	13,00	0,5	3,5	12,1	037110 1013
	21,5			13,00	3,5	6,0		037111 1013
M12	25,0	23,0	2,00	16,00	1,0	4,0	16,1	037110 1216

d1 Ø m/m	(N)	(Nm)	
M 3	1.535	2.600	2,2
M 4	3.282	5.900	4,5
M 5	4.649	8.900	5,8
M 6	6.562	11.320	18,0
M 8	9.450	12.100	34,5
M 10	10.715	15.000	60,0
M 12	12.728	28.200	70,0

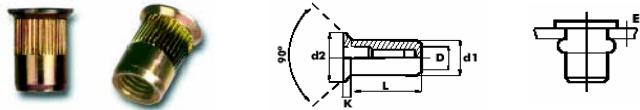
СТАЛЬ УМЕНЬШЕННЫЙ БОРТИК С НАСЕЧКОЙ



D Ø mm.	L mm.	d2 Ø mm.	K mm.	d1 Ø mm.	E min mm.	E max mm.	Ø сверла mm.	Артикул
M4	10,4	7,0	0,10	6,00	0,5	2,0	6,1	037120 4006
M5	11,5	8,0	0,10	7,00	0,5	3,0	7,1	037120 5007
M6	14,5	10,0	0,20	9,00	0,5	3,0	9,1	037120 6009
	16,5		0,20	9,00	3,0	5,5		037121 6009
M8	16,8	12,0	0,50	11,00	0,8	4,5	11,1	037120 8011
M10	20,8	14,0	0,50	13,00	0,7	3,5	13,1	037120 1013

d1 Ø m/m	(N)	(Nm)	
M 4	2.786	5.950	2,9
M 5	3.942	8.340	6,0
M 6	5.675	9.960	10,5
M 8	8.525	10.600	15,5
M 10	9.320	14.200	18,0

СТАЛЬ ПОТАЙНОЙ БОРТИК С НАСЕЧКОЙ



D Ø mm.	L mm.	d2 Ø mm.	K mm.	d1 Ø mm.	E min mm.	E max mm.	Ø сверла mm.	Артикул
M4	11,5	9,0	1,50	6,00	1,0	3,0	6,1	037130 4006
M5	13,0	10,0	1,50	7,00	1,5	4,0	7,1	037130 5007
M6	16,0	12,0	1,50	9,00	1,5	4,0	9,1	037130 6009
M8	19,0	14,0	1,50	11,00	1,5	4,0	11,1	037130 8011

d1 Ø m/m	(N)	(Nm)	
M 4	3.132	7.000	3,3
M 5	3.333	8.700	6,5
M 6	6.872	9.920	11,3
M 8	9.071	12.500	22,0

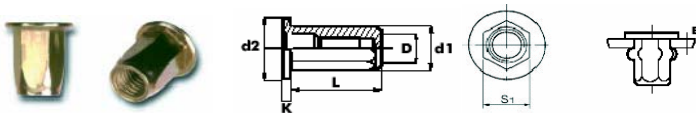
СТАЛЬ. ШИРОКИЙ БОРТИК С НАСЕЧКОЙ ДЛЯ ПЛАСТИКА



D Ø mm.	L mm.	d2 Ø mm.	K mm.	d1 Ø mm.	E min mm.	E max mm.	Ø сверла mm.	Артикул
M6	17,7	18,3	1,50	8,95	3,0	5,0	9,1	03S1106009

d1 Ø m/m	(N)	(Nm)	
M 6	4.900	6.370	13,0

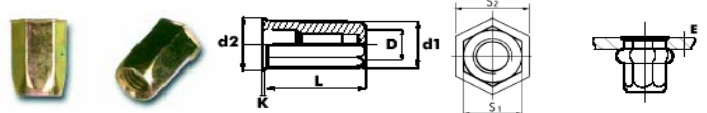
СТАЛЬ ЦИЛИНДРИЧЕСКИЙ БОРТИК ШЕСТИГРАННАЯ



D Ø mm.	L mm.	d2 Ø mm.	K mm.	S1 Ø mm.	E min mm.	E max mm.	Ø сверла mm.	Артикул
M4	10,0	9,0	1,00	6,00	0,3	2,0	6,1	031110 4006
M5	13,0	10,0	1,00	7,00	0,5	3,0	7,1	031110 5007
M6	14,5	13,0	1,50	9,00	0,5	3,0	9,1	031110 6009
M8	16,5	16,0	1,50	11,00	0,5	3,0	11,1	031110 8011
M8	19,5	16,0	1,50	11,00	3,0	5,5	11,1	031111 8011
M10	21,0	19,0	2,00	13,00	1,0	3,5	13,1	031110 1013
M12	25,0	23,0	2,00	16,00	1,0	4,0	16,1	031110 1216

d1 Ø m/m	(N)	(Nm)	
M 4	2.836	7.500	4,8
M 5	3.567	9.800	6,5
M 6	4.521	10.600	22,0
M 8	8.536	13.000	40,0
M 10	9.721	17.250	88,0
M 12	12.462	30.000	115,0

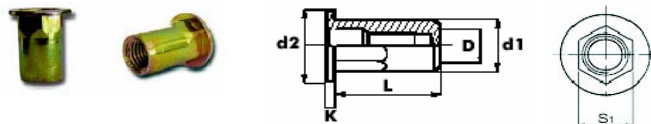
СТАЛЬ УМЕНЬШЕННЫЙ БОРТИК ШЕСТИГРАННАЯ



D Ø mm.	L mm.	S2 Ø mm.	K mm.	S1 Ø mm.	E min mm.	E max mm.	Ø сверла mm.	Артикул
M4	11,0	6,6	0,60	6,00	0,3	2,0	6,1	031120 4006
M5	14,0	7,7	0,70	7,00	0,5	3,0	7,1	031120 5007
M6	16,0	9,8	0,80	9,00	0,5	3,0	9,1	031120 6009
M8	18,0	11,8	0,80	11,00	0,5	3,0	11,1	031120 8011
M10	19,0	14,0		13,00	0,5	3,5	13,1	031120 1013
M12	25,0	17,5		16,00	1,0	4,0	16,1	031120 1216

d1 Ø m/m	(N)	(Nm)	
M 4	2.777	5.780	4,1
M 5	3.320	8.800	8,0
M 6	4.016	11.000	12,0
M 8	7.249	12.000	38,0
M 10	7.750	16.100	70,0
M 12	10.510	28.500	98,0

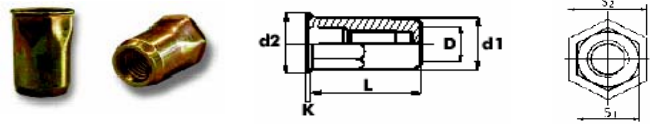
СТАЛЬ. ШЕСТИГРАННАЯ 1/2 ЦИЛИНДРИЧЕСКИЙ БОРТИК



D Ø mm.	L mm.	d2 Ø mm.	K mm.	S1 Ø mm.	E min mm.	E max mm.	Ø сверла mm.	Артикул
M12	25,0	23,0	2,00	16,00	1,0	4,0	16,1	0331101216

d1 Ø m/m	(N)	(Nm)	
M 12	12.500	28.000	115,0

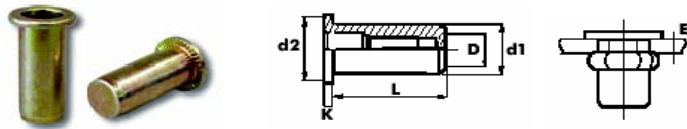
СТАЛЬ. ШЕСТИГРАННАЯ 1/2 УМЕНЬШЕННЫЙ БОРТИК



D Ø mm.	L mm.	S2 Ø mm.	K mm.	S1 Ø mm.	E min mm.	E max mm.	Ø сверла mm.	Артикул
M4	10,5	7,8		6,30	0,5	2,0	6,4	033120 4006
M5	12,0	8,8		7,10	0,5	2,5	7,3	033120 5007
M6	15,0	11,2		9,50	0,7	3,0	9,6	033120 6009
M8	16,0	12,2		10,50	0,8	3,0	10,6	033120 8011

d1 Ø m/m	(N)	(Nm)	
M 4	2.822	5.900	4,6
M 5	3.451	9.250	6,2
M 6	4.285	9.950	19,0
M 8	5.632	12.200	34,0

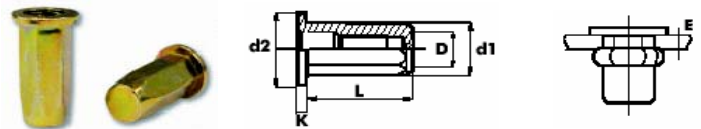
СТАЛЬ. ГЛУХАЯ ЦИЛИНДРИЧЕСКИЙ БОРТИК



D Ø mm.	L mm.	d2 Ø mm.	K mm.	d1 Ø mm.	E min mm.	E max mm.	Ø сверла mm.	Артикул
M6	21,5	12,8	1,50	9,00	0,5	3,0	9,1	0301406009

d1 Ø m/m	(N)	(Nm)
M 6	2.940	5.480
		12,0

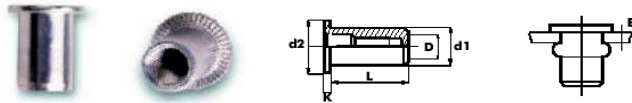
СТАЛЬ. ШЕСТИГРАННАЯ ГЛУХАЯ УМЕНЬШЕННЫЙ БОРТИК



D Ø mm.	L mm.	d2 Ø mm.	K mm.	S1 mm.	E min mm.	E max mm.	Ø сверла mm.	Артикул
M6	21,5	12,8	1,50	8,95	0,5	1,5	9,1	0311406009

d1 Ø m/m	(N)	(Nm)
M 6	2.940	5.480
		12,0

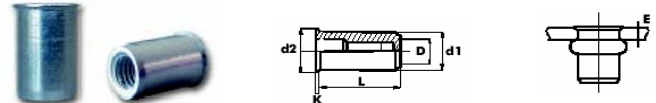
АЛЮМИНИЙ ЦИЛИНДРИЧЕСКИЙ БОРТИК



D Ø mm.	L mm.	d2 Ø mm.	K mm.	d1 Ø mm.	E min mm.	E max mm.	Ø сверла mm.	Артикул
M4	9,5	9,0	1,00	6,00	0,3	3,0	6,1	030210 4006
M5	12,0	10,0	1,00	7,00	0,5	3,0	7,1	030210 5007
M5	15,0	10,0	1,00	7,00	3,0	5,5	7,1	030211 5007
M6	14,5	13,0	1,50	9,00	0,5	3,0	9,1	030210 6009
M6	16,5	13,0	1,50	9,00	3,0	5,5	9,1	030211 6009
M8	16,5	15,0	1,50	11,00	0,5	3,0	11,1	030210 8011
M8	18,5	15,0	1,50	11,00	3,0	5,5	11,1	030211 8011

d1 Ø m/m	(N)	(Nm)
M 4	2.201	5.000
M 5	2.780	7.600
M 6	5.124	9.000
M 8	5.425	11.700
		2,0
		5,5
		9,0
		16,9

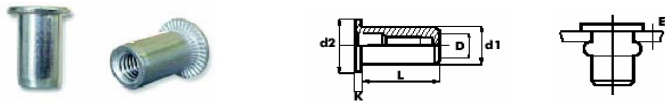
АЛЮМИНИЙ УМЕНЬШЕННЫЙ БОРТИК



D Ø mm.	L mm.	d2 Ø mm.	K mm.	d1 Ø mm.	E min mm.	E max mm.	Ø сверла mm.	Артикул
M6	14,5	10,0	0,20	9,00	0,5	3,0	9,1	0302206009

d1 Ø m/m	(N)	(Nm)
M 6	4.171	8.100
		8,0

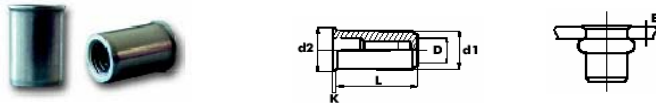
НЕРЖАВЕЮЩАЯ СТАЛЬ ЦИЛИНДРИЧЕСКИЙ БОРТИК



D Ø mm.	L mm.	d2 Ø mm.	K mm.	d1 Ø mm.	E min mm.	E max mm.	Ø сверла mm.	Артикул
M4	10,0	9,0	1,00	6,00	0,3	2,0	6,1	030310 4006
M5	11,5	10,0	1,00	7,00	0,5	3,0	7,1	030310 5007
M6	14,5	13,0	1,50	9,00	0,5	3,0	9,1	030310 6009
M8	16,0	16,0	1,50	11,00	0,5	3,0	11,1	030310 8011

d1 Ø m/m	(N)	(Nm)
M 4	3.246	5.500
M 5	3.460	8.900
M 6	6.141	10.650
M 8	8.708	12.600
		3,1
		6,9
		12,1
		19,3

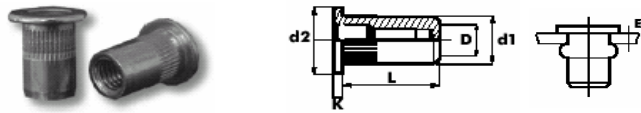
НЕРЖАВЕЮЩАЯ СТАЛЬ УМЕНЬШЕННЫЙ БОРТИК



D Ø mm.	L mm.	d2 Ø mm.	K mm.	d1 Ø mm.	E min mm.	E max mm.	Ø сверла mm.	Артикул
M4	11,0	7,0	0,50	6,00	0,5	2,0	6,1	030320 4006
M5	12,0	8,0	0,50	7,00	0,5	3,0	7,1	030320 5007
M6	14,5	10,0	0,50	9,00	0,5	3,0	9,1	030320 6009
M8	16,0	12,0	0,50	11,00	0,5	3,0	11,1	030320 8011

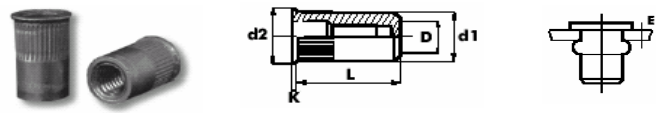
d1 Ø m/m	(N)	(Nm)
M 4	2.385	6.000
M 5	3.012	8.100
M 6	5.158	10.120
M 8	6.815	14.000
		2,2
		3,2
		5,8
		15,6

НЕРЖАВЕЮЩАЯ СТАЛЬ ЦИЛИНДРИЧЕСКИЙ БОРТИК С НАСЕЧКОЙ



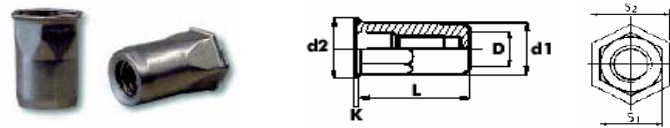
D Ø mm.	L mm.	d2 Ø mm.	K mm.	d1 Ø mm.	E min mm.	E max mm.	Ø сверла mm.	Артикул
M4	10,0	9,0	1,00	6,00	0,3	2,0	6,1	037310 4006
M5	11,5	10,0	1,00	7,00	0,5	3,0	7,1	037310 5007
M6	14,5	13,0	1,50	9,00	0,5	3,0	9,1	037310 6009
M8	16,0	16,0	1,50	11,00	0,5	3,0	11,1	037310 8011

НЕРЖАВЕЮЩАЯ СТАЛЬ УМЕНЬШЕННЫЙ БОРТИК С НАСЕЧКОЙ



D Ø mm.	L mm.	d2 Ø mm.	K mm.	d1 Ø mm.	E min mm.	E max mm.	Ø сверла mm.	Артикул
M4	11,0	7,0	0,5	6,00	0,3	2,0	6,1	037320 4006
M5	12,0	8,0	0,5	7,00	0,5	3,0	7,1	037320 5007
M6	14,5	10,0	0,5	9,00	0,5	3,0	9,1	037320 6009
M8	16,0	12,0	0,5	11,00	0,5	3,0	11,1	037320 8011

НЕРЖАВЕЮЩАЯ СТАЛЬ. ШЕСТИГРАННАЯ 1/2 УМЕНЬШЕННЫЙ БОРТИК



D Ø mm.	L mm.	S2 Ø mm.	K mm.	S1 Ø mm.	E min mm.	E max mm.	Ø сверла mm.	Артикул
M4	10,6	6,8		5,90	0,5	2,5	6,0	033320 4006
M5	11,6	8,0		6,90	0,5	3,0	7,0	033320 5007
M6	14,5	10,0		8,90	0,7	3,0	9,0	033320 6009
M8	15,8	12,0		10,90	0,8	3,3	11,0	033320 8011

d1 Ø mm	(N)	(N)	(Nm)
M 4	2.822	5.900	4,6
M 5	3.451	9.250	6,2
M 6	4.285	9.950	19,0
M 8	5.632	12.200	34,0