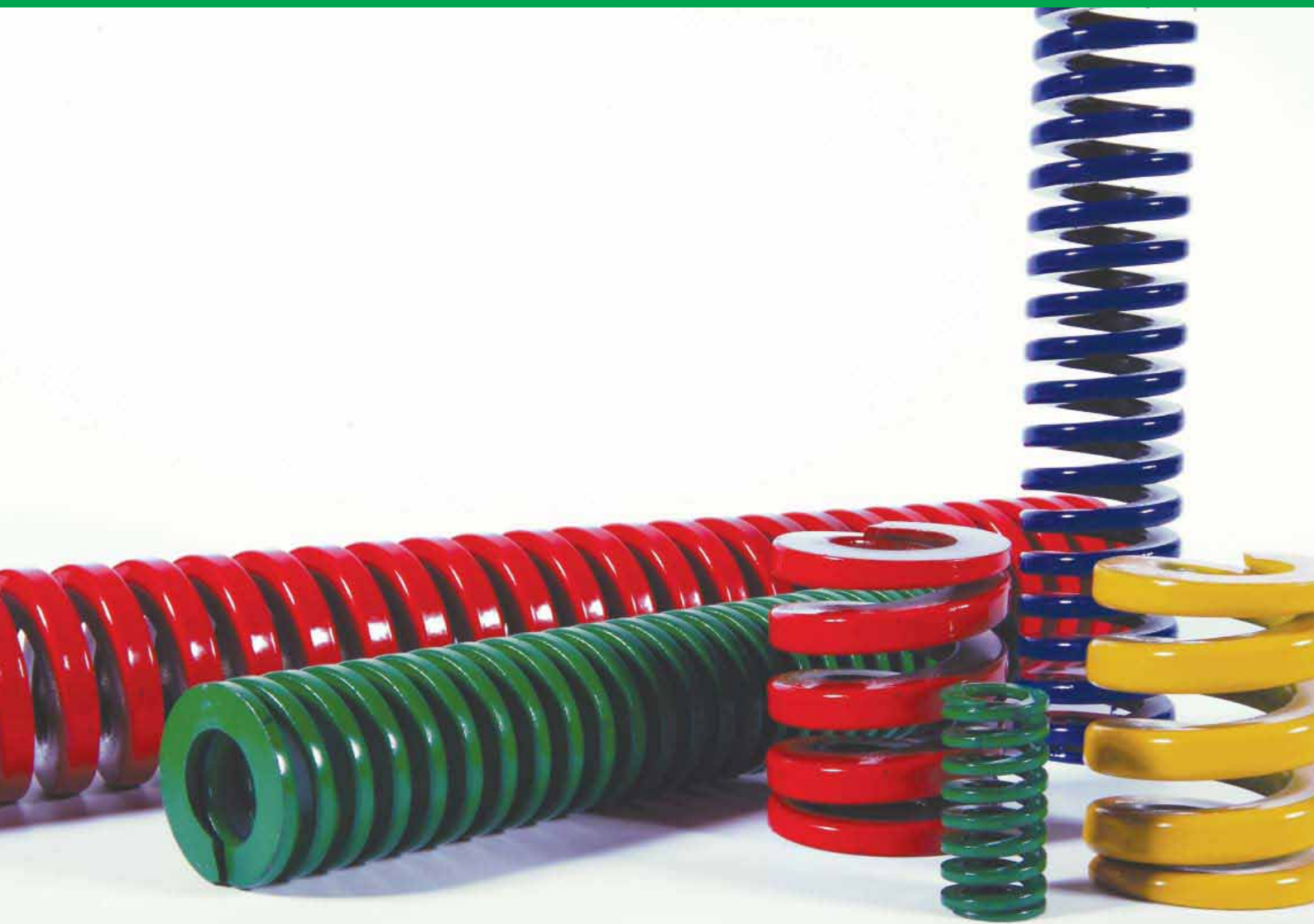




ARCURI DE ȘTANȚĂ

- Descriere tehnică
- Tabel dimensiuni

Concepute pentru sculărie, aceste arcuri completează programul de arcuri disc.

Acestea sunt cunoscute sub denumirea de arcuri de instrumente, ștanță și de sistem. Aceste arcuri sunt fabricate la alte valori, alte dimensiuni și după normele ISO, sunt valabile toleranțe mai mari decât la arcurile standard obișnuite de pe stoc.

Arcurile de ștanță prezentate în catalog sunt arcuri elicoidale cilindrice care sunt produse din sârmă ovală. Valorile constante arată dimensiunile cu privire la spațiul instalării arcului și forța arcului.

Diametrul sârmei, numărul spirelor, pasul și lungimea blocului nu sunt menționate, deoarece aceste măsuri necesită o măsură tehnică mai mare de compensare.

Sarcina / Durata de viață:

F_1	sarcina pentru o durată de viață
F_2	sarcina pentru o durată medie
F_{max}	sarcina maximă pentru o durată scurtă de viață
F_c	sarcina blocului
V	precomprimarea în N ales cât mai mare
s	alegerea cursei arcului în mm, să se aleagă pe cât posibil cel mai mic

Arcurile sunt alese după locul instalării și cele patru categorii de sarcini:

Sarcină mică	verde
Sarcină medie	albastru
Sarcină mare	roșu
Sarcină foarte mare	galben

Forțele arcului sunt în N redate.



sarcină mică



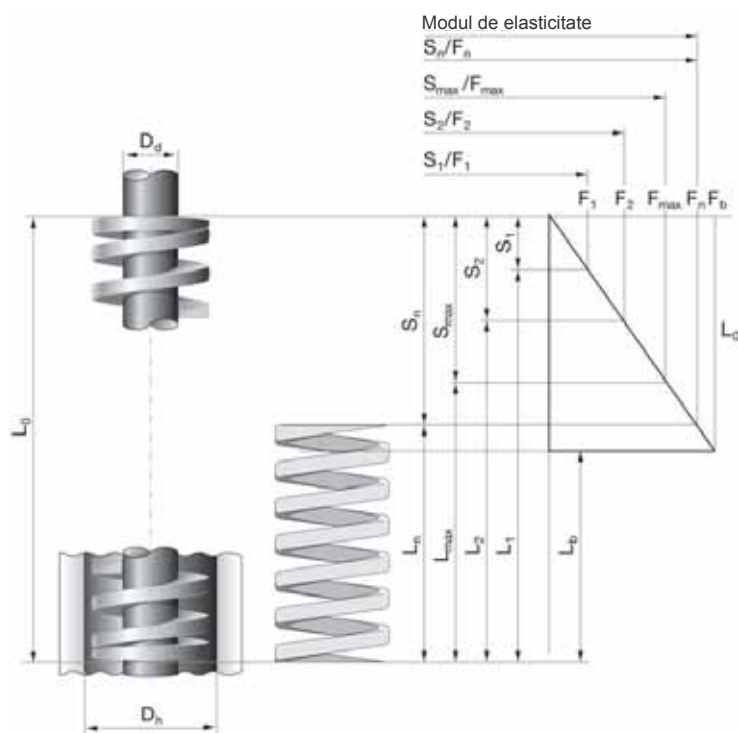
sarcină medie



sarcină mare



sarcină foarte mare

**Simboluri / Unitate / Denumire**

D_d	mm	diametrul dornului
D_h	mm	diamterul bușei
E	mm ²	modul de elasticitate
F	N	forța arcului
F_c	N	forța teoretică, încadrarea lungimii blocului
F_1	N	forța arcului, atribuită lui s_1
F_2	N	forța arcului, atribuită lui s_2
$F_{\max}$	N	forța arcului, atribuită lui $s_{\max}$
F_b	N	forța arcului, atribuită lungimii arcului L_b , sarcină statică
F_n	N	forța arcului, atribuită lungimii arcului s_n sarcină statică
L	mm	lungimea arcului
L_1	mm	lungimea arcului, atribuit lui s_1
L_2	mm	lungimea arcului, atribuit lui s_2
$L_{\max}$	mm	lungimea arcului, atribuit lui $s_{\max}$
L_b	mm	lungimea arcului, atribuit lui F_b
L_n	mm	lungimea admisă a arcului, atribuit forței F_n
M	g	masa arcului

Simbol / Unitate / Denumire

R	N/mm	rata arcului
s	mm	cursa arcului
s_1	mm	cursa arcului, atribuit lui F_1
s_2	mm	cursa arcului, atribuit lui F_2
$s_{\max}$	mm	cursa arcului, atribuit lui $F_{\max}$
s_c	N	forța teoretică a arcului, atribuit lungimii blocului L_c
s_p	mm	cursa

dimensiunea constructivă			1.8159 sârmă de arc din oțel de arc - cursa și forța arcului							date de comandă	
D _h mm	D _d mm	L ₀ mm	R N/mm	s ₁ mm	F ₁ N	s ₂ mm	F ₂ N	s _{max} mm	F _{max} N	culoare	articol nr.
10,00	5,00	25,0	10,0	6,5	65,0	7,7	77,0	10,3	103,0	verde	SL10x25
		32,0	8,5	8,3	70,5	9,9	84,1	13,1	111,3		SL10x32
		38,0	6,8	9,9	67,3	11,7	79,6	15,6	106,1		SL10x38
		44,0	6,0	11,4	69,0	13,6	81,6	18,0	108,0		SL10x44
		51,0	5,0	13,3	66,5	15,8	79,0	20,9	104,5		SL10x51
		64,0	4,3	16,6	71,4	19,8	85,1	26,0	111,8		SL10x64
		76,0	3,2	19,8	63,4	23,5	75,2	31,2	99,8		SL10x76
		305,0	1,1	79,3	87,2	94,5	103,9	125,0	137,5		SL10x305
12,50	6,30	25,0	17,9	6,5	116,3	7,7	137,8	10,3	184,4	verde	SL13x25
		32,0	16,4	8,3	136,1	9,9	162,4	13,1	214,8		SL13x32
		38,0	13,6	9,9	134,6	11,7	159,1	15,6	212,2		SL13x38
		44,0	12,1	11,5	139,1	13,6	164,6	18,0	217,8		SL13x44
		51,0	11,4	13,3	151,6	15,8	180,1	20,9	238,3		SL13x51
		64,0	9,3	16,6	154,4	19,8	184,1	26,3	244,6		SL13x64
		76,0	7,1	19,8	140,6	23,5	166,8	31,2	221,5		SL13x76
		89,0	5,4	23,1	124,7	27,6	149,0	36,5	197,1		SL13x89
		305,0	1,4	79,3	111,0	94,5	132,3	125,0	175,0		SL13x305
16,00	8,00	25,0	23,4	6,5	152,1	7,7	180,2	10,3	241,0	verde	SL16x25
		32,0	22,9	8,3	190,1	9,9	226,7	13,1	300,0		SL16x32
		38,0	19,3	9,9	191,1	11,7	225,8	15,6	301,1		SL16x38
		44,0	17,1	11,5	196,6	13,6	232,6	18,0	307,8		SL16x44
		51,0	15,7	13,3	208,8	15,8	248,1	20,9	328,1		SL16x51
		64,0	10,7	16,6	177,6	19,8	211,9	26,3	281,4		SL16x64
		76,0	10,0	19,8	198,0	23,5	235,0	31,2	312,0		SL16x76
		89,0	8,6	23,1	198,7	27,6	237,4	36,5	313,9		SL16x89
		102,0	7,8	26,5	206,7	31,6	246,5	41,8	326,0		SL16x102
		305,0	2,5	79,3	198,2	94,5	236,2	125,0	312,5		SL16x305
20,00	10,00	25,0	55,8	6,5	362,7	7,7	429,7	10,2	569,2	verde	SL20x25
		32,0	45,0	8,3	373,5	9,9	445,5	12,5	562,5		SL20x32
		38,0	33,3	9,9	329,7	11,7	389,6	15,0	499,5		SL20x38
		44,0	30,0	11,5	345,0	13,6	408,0	18,0	540,0		SL20x44
		51,0	24,5	13,3	325,8	15,8	387,1	20,0	490,0		SL20x51
		64,0	20,0	16,6	332,0	19,8	396,0	25,0	500,0		SL20x64
		76,0	16,0	19,8	316,8	23,5	376,0	30,0	180,0		SL20x76
		89,0	14,0	23,1	323,4	27,6	386,4	35,0	490,0		SL20x89
		102,0	12,0	26,5	318,0	31,6	379,2	41,0	492,0		SL20x102
		115,0	10,9	30,0	327,0	35,6	388,0	46,0	501,4		SL20x115
		127,0	9,5	33,0	313,5	39,4	374,3	51,0	484,5		SL20x127
		139,0	8,4	36,1	303,2	43,1	362,0	56,0	470,4		SL20x139
		152,0	7,5	39,5	296,2	47,1	353,3	61,0	457,5		SL20x152
		305,0	4,0	79,3	317,2	94,5	378,0	122,0	488,0		SL20x305
25,00	12,50	25,0	100,0	6,5	650,0	7,7	770,0	10,2	1020,0	verde	SL26x25
		32,0	80,3	8,3	666,5	9,9	795,0	12,5	1003,8		SL26x32
		38,0	62,0	9,9	613,8	11,7	725,4	15,0	930,0		SL26x38
		44,0	52,9	11,5	608,3	13,6	719,4	18,0	952,2		SL26x44
		51,0	44,0	13,3	585,2	15,8	695,2	20,0	880,0		SL26x51
		64,0	35,2	16,6	584,3	19,8	697,0	25,0	880,0		SL26x64
		76,0	28,0	19,8	554,4	23,5	658,0	30,0	840,0		SL26x76
		89,0	24,0	23,1	554,4	27,6	662,4	35,0	840,0		SL26x89
		102,0	21,1	26,5	559,1	31,6	666,8	41,0	865,1		SL26x102
		115,0	18,7	30,0	561,0	35,6	665,7	46,0	860,2		SL26x115
		127,0	16,7	33,0	551,1	39,4	658,0	51,0	851,7		SL26x127
		139,0	15,3	36,1	552,3	43,1	659,4	56,0	856,8		SL26x139
		152,0	14,0	39,5	553,0	47,1	659,4	61,0	854,0		SL26x152
		178,0	12,5	46,3	578,7	55,2	690,0	71,0	887,5		SL26x178
		203,0	10,4	52,8	549,1	62,9	654,2	81,0	842,4		SL26x203
		305,0	6,96	79,3	551,9	94,5	657,7	122,0	849,1		SL26x305

Arcuri de ștanță

sarcină mică



dimensiunea constructivă			1.8159 sârmă de arc din oțel de arc - cursa și forța arcului								culoare	date de comandă
D _h mm	D _d mm	L ₀ mm	R N/mm	s ₁ mm	F ₁ N	s ₂ mm	F ₂ N	s _{max} mm	F _{max} N			articol nr.
32,00	16,00	38,0	94,0	9,9	930,6	11,7	1099,8	15,0	1410,0	verde		SL32x38
		44,0	79,5	11,5	914,3	13,6	1081,2	18,0	1431,0			SL32x44
		51,0	67,0	13,3	891,1	15,8	1058,6	20,0	1340,0			SL32x51
		64,0	53,0	16,6	879,8	19,8	1049,4	25,0	1325,0			SL32x64
		76,0	44,0	19,8	871,2	23,5	1034,0	30,0	1320,0			SL32x76
		89,0	37,2	23,1	859,3	27,6	1026,7	35,0	1302,0			SL32x89
		102,0	32,0	26,5	848,0	31,6	1011,2	41,0	1312,0			SL32x102
		115,0	29,0	30,0	870,0	35,6	1032,4	46,0	1334,0			SL32x115
		127,0	25,0	33,0	825,0	39,4	985,0	51,0	1275,0			SL32x127
		139,0	23,0	36,1	830,3	43,1	991,3	56,0	1288,0			SL32x139
		152,0	21,5	39,5	849,3	47,1	1012,6	61,0	1311,5			SL32x152
		178,0	18,2	46,3	842,7	55,2	1004,6	71,0	1292,2			SL32x178
		203,0	15,8	52,8	834,2	62,9	993,8	81,0	1279,8			SL32x203
		254,0	12,5	66,0	825,0	78,7	983,7	102,0	1275,0			SL32x254
		305,0	10,3	79,3	816,8	94,5	973,4	122,0	1256,6			SL32x305
40,00	20,00	51,0	92,0	13,3	1223,6	15,8	1453,6	20,0	1840,0	verde		SL40x51
		64,0	73,0	16,6	1211,8	19,8	1445,4	25,0	1825,0			SL40x64
		76,0	63,0	19,8	1247,4	23,5	1480,5	30,0	1890,0			SL40x76
		89,0	51,0	23,1	1178,1	27,6	1407,6	35,0	1785,0			SL40x89
		102,0	43,0	26,5	1139,5	31,6	1358,8	41,0	1763,0			SL40x102
		115,0	39,6	30,0	1188,0	35,6	1409,8	46,0	1821,6			SL40x115
		127,0	37,0	33,0	1221,0	39,4	1457,8	51,0	1887,0			SL40x127
		139,0	32,0	36,1	1155,2	43,1	1379,2	56,0	1792,0			SL40x139
		152,0	28,0	39,5	1106,0	47,1	1318,8	61,0	1708,0			SL40x152
		178,0	25,2	46,3	1166,8	55,2	1391,0	71,0	1789,2			SL40x178
		203,0	22,7	52,8	1198,6	62,9	1427,8	81,0	11838,7			SL40x203
		254,0	17,0	66,0	1122,0	78,7	1337,9	102,0	1734,0			SL40x254
		305,0	14,8	79,3	1173,6	94,5	1398,6	122,0	1805,6			SL40x305
50,00	25,00	64,0	156,0	16,6	2589,6	19,8	3088,8	25,0	3900,0	verde		SL51x64
		76,0	125,0	19,8	2475,0	23,5	2937,5	30,0	3750,0			SL51x76
		89,0	109,0	23,1	2517,9	27,6	3008,4	35,0	3815,0			SL51x89
		102,0	94,0	26,5	2491,0	31,6	2970,4	41,0	3854,0			SL51x102
		115,0	81,0	30,0	2430,0	35,6	2883,6	46,0	3726,0			SL51x115
		127,0	71,0	33,0	2343,0	39,4	2797,4	51,0	3621,0			SL51x127
		139,0	66,5	36,1	2400,7	43,1	2866,2	56,0	3724,0			SL51x139
		152,0	60,0	39,5	2370,0	47,1	2826,0	61,0	3660,0			SL51x152
		178,0	52,0	46,3	2407,6	55,2	2870,4	71,0	3692,0			SL51x178
		203,0	44,0	52,8	2323,2	62,9	2767,6	81,0	3564,0			SL51x203
		254,0	35,0	66,0	2310,0	78,7	2554,5	102,0	3570,0			SL51x254
		305,0	28,5	79,3	2260,1	94,5	2693,3	122,0	3477,0			SL51x305
63,00	38,00	76,0	189,0	19,8	3742,2	23,5	4441,5	30,0	5670,0	verde		SL63x76
		89,0	158,0	23,1	3649,8	27,6	4360,8	35,0	5530,0			SL63x89
		102,0	131,0	26,5	3471,5	31,6	4139,6	41,0	5371,0			SL63x102
		115,0	116,0	30,0	3480,0	35,6	4129,6	46,0	5336,0			SL63x115
		127,0	103,0	33,0	3399,0	39,4	4058,2	51,0	5253,0			SL63x127
		152,0	84,3	39,5	3329,9	47,1	3970,5	61,0	5142,3			SL63x152
		178,0	71,5	46,3	3310,5	55,2	3946,8	71,0	5076,5			SL63x178
		203,0	61,7	52,8	3257,8	62,9	3880,9	81,0	4997,7			SL63x203
		254,0	47,0	66,0	3102,0	78,7	3698,9	102,0	4794,0			SL63x254
		305,0	38,2	79,3	3029,3	94,5	3609,9	122,0	4660,4			SL63x305

dimensiunea constructivă			1.8159 sârmă de arc din oțel de arc - cursa și forța arcului							date de comandă	
D _h mm	D _d mm	L ₀ mm	R N/mm	s ₁ mm	F ₁ N	s ₂ mm	F ₂ N	s _{max} mm	F _{max} N	culoare	articol nr.
10,00	5,00	25,0	16,0	6,5	104,0	7,7	123,2	9,5	152,0	albastru	S10x25
		32,0	13,0	8,3	107,9	9,9	128,7	12,2	158,6		S10x32
		38,0	11,9	9,9	117,8	11,7	139,2	14,2	171,4		S10x38
		44,0	10,3	11,5	118,5	13,6	140,1	16,7	172,0		S10x44
		51,0	8,9	13,3	118,4	15,8	140,6	19,4	172,7		S10x51
		64,0	7,5	16,6	124,5	19,8	148,5	24,3	182,3		S10x64
		76,0	5,3	19,8	104,9	23,5	124,6	28,9	153,2		S10x76
		305,0	1,6	79,3	126,9	94,5	151,2	116,0	185,6		S10x305
12,50	6,30	25,0	30,0	6,5	195,0	7,7	231,0	9,5	285,0	albastru	S13x25
		32,0	24,8	8,3	205,8	9,9	245,5	12,2	302,6		S13x32
		38,0	21,4	9,9	211,9	11,7	250,4	14,4	308,2		S13x38
		44,0	18,5	11,5	212,8	13,6	251,6	16,7	309,0		S13x44
		51,0	15,5	13,3	206,2	15,8	244,9	19,4	300,7		S13x51
		64,0	12,1	16,6	200,9	19,8	239,6	24,3	294,0		S13x64
		76,0	10,2	19,8	202,0	23,5	239,7	28,9	294,8		S13x76
		89,0	8,4	23,1	194,0	27,6	231,8	33,8	283,9		S13x89
		305,0	2,1	79,3	166,5	94,5	198,5	116,0	243,6		S13x305
16,00	8,00	25,0	49,4	6,5	321,1	7,7	380,4	9,5	469,3	albastru	S16x25
		32,0	37,1	8,3	307,9	9,9	367,3	12,2	452,6		S16x32
		38,0	33,9	9,9	335,6	11,7	396,6	14,4	488,2		S16x38
		44,0	30,0	11,5	345,0	13,6	408,0	16,7	501,0		S16x44
		51,0	26,4	13,3	351,1	15,8	417,1	19,4	512,2		S16x51
		64,0	20,5	16,6	340,3	19,8	405,9	24,3	498,2		S16x64
		76,0	17,8	19,8	352,4	23,5	418,3	28,9	514,4		S16x76
		89,0	15,2	23,1	351,1	27,6	419,5	33,8	513,8		S16x89
		102,0	13,5	26,5	357,8	31,6	426,6	38,8	523,8		S16x102
		305,0	4,8	79,3	380,6	94,5	453,6	116,0	556,8		S16x305
20,00	10,00	25,0	98,0	6,5	637,0	7,7	754,6	9,4	921,2	albastru	S20x25
		32,0	72,6	8,3	602,6	9,9	718,7	12,0	871,2		S20x32
		38,0	56,0	9,9	545,4	11,7	655,2	14,0	784,0		S20x38
		44,0	47,5	11,5	546,3	13,6	646,0	16,5	783,8		S20x44
		51,0	41,7	13,3	554,6	15,8	658,9	19,0	792,3		S20x51
		64,0	32,3	16,6	536,2	19,8	639,5	24,0	775,2		S20x64
		76,0	25,1	19,8	497,0	23,5	589,0	28,0	702,8		S20x76
		89,0	22,0	23,1	508,2	27,6	607,2	33,0	726,0		S20x89
		102,0	19,8	26,5	524,7	31,6	625,7	38,0	752,4		S20x102
		115,0	18,1	30,0	543,0	35,6	644,4	43,0	778,3		S20x115
		127,0	16,6	33,0	547,8	39,4	654,0	48,0	796,8		S20x127
		139,0	15,1	36,1	545,1	43,1	650,8	52,0	785,2		S20x139
		152,0	13,1	39,5	519,4	47,1	619,4	57,0	749,6		S20x152
		305,0	6,1	79,3	483,7	94,5	576,5	114,0	695,4		S20x305
25,00	12,50	25,0	147,0	6,5	955,5	7,7	1131,9	9,4	1381,8	albastru	S26x25
		32,0	118,0	8,3	979,4	9,9	1168,2	12,0	1416,0		S26x32
		38,0	93,0	9,9	920,7	11,7	1088,1	14,0	1302,0		S26x38
		44,0	80,8	11,5	929,2	13,6	1098,9	16,5	1333,2		S26x44
		51,0	68,3	13,3	908,4	15,8	1079,1	19,0	1297,7		S26x51
		64,0	53,0	16,6	879,8	19,8	1049,4	24,0	1272,0		S26x64
		76,0	43,2	19,8	855,4	23,5	1015,2	28,0	1209,6		S26x76
		89,0	38,2	23,1	882,4	27,6	1054,3	33,0	1260,6		S26x89
		102,0	33,0	26,5	874,5	31,6	1042,8	38,0	1254,0		S26x102
		115,0	28,0	30,0	840,0	35,6	996,8	43,0	1204,0		S26x115
		127,0	25,9	33,0	854,7	39,4	1020,5	48,0	1243,2		S26x127
		139,0	23,2	36,1	837,5	43,1	999,9	52,0	1206,4		S26x139
		152,0	20,8	39,5	821,6	47,1	979,7	57,0	1185,6		S26x152
		178,0	17,8	46,3	824,1	55,2	982,6	67,0	1192,6		S26x178
		203,0	15,8	52,8	834,2	62,9	993,8	76,0	1200,8		S26x203
		305,0	10,2	79,3	808,9	94,5	963,9	114,0	1162,8		S26x305

Arcuri de ștanță

sarcină medie



dimensiunea constructivă			1.8159 sârmă de arc din oțel de arc - cursa și forța arcului								date de comandă
D _h mm	D _d mm	L ₀ mm	R N/mm	s ₁ mm	F ₁ N	s ₂ mm	F ₂ N	s _{max} mm	F _{max} N	culoare	articol nr.
32,00	16,00	38,0	185,0	9,9	1831,5	11,7	2164,5	14,0	2590,0	albastru	S32x38
		44,0	158,0	11,5	1817,0	13,6	2148,8	16,5	2607,0		S32x44
		51,0	134,0	13,3	1782,2	15,8	2117,2	19,0	2546,0		S32x51
		64,0	99,0	16,6	1643,4	19,8	1960,2	24,0	2376,0		S32x64
		76,0	80,5	19,8	1593,9	23,5	1891,8	28,0	2254,0		S32x76
		89,0	69,1	23,1	1596,2	27,6	1907,2	33,0	2280,3		S32x89
		102,0	58,8	26,5	1558,2	31,6	1858,1	38,0	2234,4		S32x102
		115,0	51,5	30,0	1545,0	35,6	1833,4	43,0	2214,5		S32x115
		127,0	44,8	33,0	1478,4	39,4	1765,1	48,0	2150,4		S32x127
		139,0	42,3	36,1	1527,0	43,1	1823,1	52,0	2199,6		S32x139
		152,0	37,8	39,5	1493,1	47,1	1780,4	57,0	2154,6		S32x152
		178,0	32,5	46,3	1504,8	55,2	1794,0	67,0	2177,5		S32x178
		203,0	28,9	52,8	1525,9	62,9	1817,8	76,0	2196,4		S32x203
		254,0	21,4	66,0	1412,4	78,7	1684,2	95,0	2033,0		S32x254
		305,0	18,3	79,3	1451,2	94,5	1729,4	114,0	2086,2		S32x305
40,00	20,00	51,0	181,6	13,3	2415,3	15,8	2869,3	19,0	3450,4	albastru	S40x51
		64,0	140,0	16,6	2324,0	19,8	2772,0	24,0	3360,0		S40x64
		76,0	108,0	19,8	2138,4	23,5	2538,0	28,0	3024,0		S40x76
		89,0	90,7	23,1	2095,2	27,6	2503,3	33,0	2993,1		S40x89
		102,0	81,0	26,5	2146,5	31,6	2559,6	38,0	3078,0		S40x102
		115,0	71,8	30,0	2154,0	35,6	2556,1	43,0	3087,4		S40x115
		127,0	62,7	33,0	2069,1	39,4	2470,4	48,0	3009,6		S40x127
		139,0	57,5	36,1	2075,8	43,1	2478,3	52,0	2990,0		S40x139
		152,0	51,6	39,5	2038,2	47,1	2430,4	57,0	2941,2		S40x152
		178,0	44,1	46,3	2041,8	55,2	2434,3	67,0	2954,7		S40x178
		203,0	36,7	52,8	1937,8	62,9	2308,4	76,0	2789,2		S40x203
		254,0	30,1	66,0	1986,6	78,7	2368,9	95,0	2859,5		S40x254
		305,0	24,6	79,3	1950,8	94,5	2324,7	114,0	2804,4		S40x305
50,00	25,00	64,0	209,0	16,6	3469,4	19,8	4138,2	24,0	5016,0	albastru	S51x64
		76,0	168,0	19,8	3326,4	23,5	3948,0	28,0	4704,0		S51x76
		89,0	140,0	23,1	3234,0	27,6	3864,0	33,0	4620,0		S51x89
		102,0	119,0	26,5	3153,5	31,6	3760,4	38,0	4522,0		S51x102
		115,0	106,0	30,0	3180,0	35,6	3773,6	43,0	4558,0		S51x115
		127,0	97,0	33,0	3201,0	39,4	3821,8	48,0	4656,0		S51x127
		139,0	87,0	36,1	3140,7	43,1	3749,7	52,0	4524,0		S51x139
		152,0	80,0	39,5	3160,0	47,1	3768,0	57,0	4560,0		S51x152
		178,0	69,5	46,3	3217,9	55,2	3836,4	67,0	4656,5		S51x178
		203,0	59,8	52,8	3157,4	62,9	3761,4	76,0	4544,8		S51x203
		229,0	50,9	59,5	3028,6	71,0	3613,9	86,0	4377,4		S51x229
		254,0	43,9	66,0	2897,4	78,7	3454,9	95,0	4170,5		S51x254
		305,0	38,6	79,3	3061,0	94,5	3647,7	114,0	4400,4		S51x305
63,00	38,00	76,0	312,0	198,0	6177,6	23,5	7332,0	28,0	8736,0	albastru	S63x76
		89,0	260,0	23,1	6006,0	27,6	7176,0	33,0	8580,0		S63x89
		102,0	221,0	26,5	5856,5	31,6	6983,6	38,0	8398,0		S63x102
		115,0	187,0	30,0	5610,0	35,6	6657,2	43,0	8041,0		S63x115
		127,0	168,0	33,0	5544,0	39,4	6619,2	48,0	8064,0		S63x127
		152,0	136,0	39,5	5372,0	47,1	6405,6	57,0	7752,0		S63x152
		178,0	114,0	46,3	5278,2	55,2	6292,8	67,0	7638,0		S63x178
		203,0	100,0	52,8	5280,0	62,9	6290,0	76,0	7600,0		S63x203
		229,0	89,2	59,5	5307,4	71,0	6333,2	86,0	7671,2		S63x229
		254,0	78,4	66,0	5174,4	78,7	6170,1	95,0	7448,0		S63x254
		305,0	64,7	79,3	5130,7	94,5	6114,2	114,0	7375,8		S63x305

dimensiunea constructivă			1.8159 sârmă de arc din oțel de arc - cursa și forța arcului							culoare	articol nr.
D _h mm	D _d mm	L ₀ mm	R N/mm	s ₁ mm	F ₁ N	s ₂ mm	F ₂ N	s _{max} mm	F _{max} N		
10,00	5,00	25,0	22,1	5,3	117,1	6,5	143,7	7,5	165,8	roșu	HL10x25
		32,0	17,5	6,7	117,3	8,3	145,3	9,6	168,0		HL10x32
		38,0	17,1	8,0	136,8	9,9	169,3	11,4	194,9		HL10x38
		44,0	15,0	9,2	138,0	11,5	172,5	13,2	198,0		HL10x44
		51,0	12,8	10,7	137,0	13,3	170,2	15,3	195,8		HL10x51
		64,0	10,7	13,4	143,4	16,6	177,6	19,2	205,4		HL10x64
		76,0	7,5	16,0	120,0	19,8	148,5	22,8	171,0		HL10x76
		305,0	2,1	64,0	134,0	79,3	166,5	91,5	192,2		HL10x305
12,50	6,30	25,0	42,1	5,3	223,1	6,5	273,7	7,5	315,8	roșu	HL13x25
		32,0	33,2	6,7	22,4	8,3	275,6	9,6	318,7		HL13x32
		38,0	29,3	8,0	234,4	9,9	290,1	11,4	334,0		HL13x38
		44,0	24,6	9,2	226,3	11,5	282,9	13,2	324,7		HL13x44
		51,0	19,6	10,7	209,7	13,3	260,7	15,3	300,0		HL13x51
		64,0	15,0	13,4	201,0	16,6	249,0	19,2	288,0		HL13x64
		76,0	13,2	16,0	211,2	19,8	261,4	22,8	301,0		HL13x76
		89,0	11,4	18,7	213,2	231,0	263,3	26,7	304,4		HL13x89
16,00	8,00	305,0	2,8	64,0	179,2	79,3	222,0	91,5	256,2		HL13x305
		25,0	75,7	5,3	401,2	6,5	492,1	7,5	567,8	roșu	HL16x25
		32,0	52,8	6,7	353,8	8,3	438,2	9,6	506,9		HL16x32
		38,0	48,5	8,0	388,0	9,9	480,2	11,4	552,9		HL16x38
		44,0	42,8	9,2	393,8	11,5	492,2	13,2	565,0		HL16x44
		51,0	37,1	10,7	397,0	13,3	493,4	15,3	567,6		HL16x51
		64,0	30,3	13,4	406,0	16,6	503,0	19,2	582,0		HL16x64
		76,0	25,7	16,0	411,2	19,8	509,0	22,8	586,0		HL16x76
		89,0	21,7	18,7	405,8	23,1	501,3	26,7	579,4		HL16x89
20,00	10,00	102,0	19,3	21,7	413,0	26,5	511,5	30,6	590,6		HL16x102
		305,0	7,1	64,0	454,4	79,3	563,0	91,5	649,7		HL16x305
		25,0	216,0	5,3	1144,8	6,5	1404,0	7,5	1620,0	roșu	HL20x25
		32,0	168,0	6,7	1125,6	8,3	1394,4	9,6	1612,8		HL20x32
		38,0	129,0	8,0	1032,0	9,9	1277,1	11,0	1419,0		HL20x38
		44,0	112,0	9,2	1030,4	11,5	1288,0	13,0	1456,0		HL20x44
		51,0	94,0	10,7	1005,8	13,3	1250,2	15,0	1410,0		HL20x51
		64,0	72,1	13,4	966,1	16,6	1196,9	19,0	1369,9		HL20x64
		76,0	59,7	16,0	955,2	19,8	1182,1	23,0	1373,1		HL20x76
		89,0	50,5	18,7	944,4	23,1	1166,6	27,0	1363,5		HL20x89
25,00	12,50	102,0	44,2	21,4	945,9	26,5	1171,3	31,0	1370,2		HL20x102
		115,0	38,4	24,2	929,3	30,0	1152,0	35,0	1344,0		HL20x115
		127,0	34,1	26,7	910,5	33,0	1125,3	38,0	1295,8		HL20x127
		139,0	31,0	29,2	905,2	36,1	1119,1	42,0	1302,0		HL20x139
		152,0	28,2	32,0	902,4	39,5	1113,9	46,0	1297,2		HL20x152
		305,0	15,0	64,0	960,0	79,3	1189,5	91,0	1365,0		HL20x305
		25,0	375,0	5,3	1987,5	6,5	2437,5	7,5	2812,5	roșu	HL26x25
		32,0	297,0	6,7	1989,9	8,3	2465,1	9,6	2851,2		HL26x32
		38,0	219,0	8,0	1752,0	9,9	2168,1	11,0	2409,0		HL26x38
		44,0	187,0	9,2	1720,4	11,5	2150,5	13,0	2431,0		HL26x44
		51,0	156,0	10,7	1669,2	13,3	2074,8	15,0	2340,0		HL26x51
		64,0	123,0	13,4	1648,2	16,6	2041,8	19,0	2337,0		HL26x64
		76,0	99,0	16,0	1584,0	19,8	1960,2	23,0	2277,0		HL26x76
		89,0	84,0	18,7	1570,8	23,1	1940,4	27,0	2268,0		HL26x89
		102,0	73,0	21,4	1562,2	26,5	1934,5	31,0	2263,0		HL26x102
		115,0	65,0	24,2	1573,0	30,0	1950,0	35,0	2275,0		HL26x115
		127,0	57,7	26,7	1540,6	33,0	1904,1	38,0	2192,6		HL26x127
		139,0	52,7	29,2	1538,8	36,1	1902,5	42,0	2213,4		HL26x139
		152,0	47,8	32,0	1529,6	39,5	1888,1	46,0	2198,8		HL26x152
		178,0	41,0	37,4	1533,4	46,3	1898,3	53,0	2173,0		HL26x178
		203,0	35,8	42,6	1525,1	52,8	1890,2	61,0	2183,8		HL26x203
		305,0	22,9	64,0	1465,6	79,3	1816,0	91,0	2083,9		HL26x305

Arcuri de ștanță

sarcină mare



dimensiunea constructivă			1.8159 sârmă de arc din oțel de arc - cursa și forța arcului								date de comandă			
D _h mm	D _d mm	L ₀ mm	R N/mm	s ₁ mm	F ₁ N	s ₂ mm	F ₂ N	s _{max} mm	F _{max} N	culoare	articol nr.			
32,00	16,00	38,0	388,0	8,0	3104,0	9,9	3841,2	11,0	4268,0	roșu	HL32x38			
		44,0	324,0	9,2	2980,8	11,5	3726,0	13,0	4212,0		HL32x44			
		51,0	272,0	10,7	2910,4	13,3	3617,6	15,0	4080,0		HL32x51			
		64,0	212,0	13,4	2840,8	16,6	3519,2	19,0	4028,0		HL32x64			
		76,0	172,0	16,0	2752,0	19,8	3405,6	23,0	3956,0		HL32x76			
		89,0	141,0	18,7	2636,7	23,1	3257,1	27,0	3807,0		HL32x89			
		102,0	122,0	21,4	2610,8	26,5	3233,0	31,0	3782,0		HL32x102			
		115,0	107,0	24,2	2589,4	30,0	3210,0	35,0	3745,0		HL32x115			
		127,0	93,0	26,7	2483,1	33,0	3069,0	38,0	3534,0		HL32x127			
		139,0	86,0	29,2	2511,2	36,1	3104,6	42,0	3612,0		HL32x139			
		152,0	58,0	32,0	2496,0	39,5	3081,0	46,0	3588,0		HL32x152			
		178,0	67,2	37,4	2513,3	46,3	3111,4	53,0	3561,6		HL32x178			
		203,0	59,1	42,6	2517,7	52,8	3120,5	61,0	3605,1		HL32x203			
		254,0	46,4	53,3	2473,1	66,0	3062,4	76,0	3526,4		HL32x254			
		305,0	38,0	64,0	2432,0	79,3	3013,4	91,0	3458,0		HL32x305			
40,00	20,00	51,0	350,0	10,7	3745,0	13,3	4655,0	15,0	5250,0	roșu	HL40x51			
		64,0	269,0	13,4	3604,6	16,6	4465,4	19,0	5111,0		HL40x64			
		76,0	219,0	16,0	3504,0	19,8	4336,2	23,0	5037,0		HL40x76			
		89,0	190,0	18,7	3553,0	23,1	4389,0	27,0	5130,0		HL40x89			
		102,0	163,0	21,4	3488,2	26,5	4319,5	31,0	5053,0		HL40x102			
		115,0	142,0	24,2	3436,4	30,0	4260,0	35,0	4970,0		HL40x115			
		127,0	128,0	26,7	3417,6	33,0	4224,0	38,0	4864,0		HL40x127			
		139,0	115,0	29,2	3358,0	36,1	4151,5	42,0	4830,0		HL40x139			
		152,0	105,0	32,0	3360,0	39,5	4147,5	46,0	4830,0		HL40x152			
		178,0	89,0	37,4	3328,6	46,3	4120,7	53,0	4717,0		HL40x178			
		203,0	77,0	42,6	3280,2	52,8	4065,6	61,0	4697,0		HL40x203			
		254,0	61,0	53,3	3251,3	66,0	4026,0	76,0	4636,0		HL40x254			
		305,0	51,0	64,0	3264,0	79,3	4044,3	91,0	4641,0		HL40x305			
		50,00	25,00	64,0	413,0	13,4	5534,2	16,6	6855,8		19,0	7847,0	roșu	HL51x64
				76,0	339,0	16,0	5424,0	19,8	6712,2		23,0	7797,0		HL51x76
89,0	288,0			18,7	5385,6	23,1	6652,8	27,0	7776,0	HL51x89				
102,0	245,0			21,4	5243,0	26,5	6492,5	31,0	7595,0	HL51x102				
115,0	215,0			24,2	5203,0	30,0	6450,0	35,0	7525,0	HL51x115				
127,0	192,0			26,7	5126,4	33,0	6336,0	38,0	7296,0	HL51x127				
139,0	168,0			29,2	4905,6	36,1	6064,8	42,0	7056,0	HL51x139				
152,0	154,0			32,0	4928,0	39,5	6083,0	46,0	7084,0	HL51x152				
178,0	134,0			37,4	5011,6	46,3	6204,2	53,0	7102,0	HL51x178				
203,0	117,0			42,6	4984,2	52,8	6177,6	61,0	7137,0	HL51x203				
254,0	89,0			53,3	4743,7	66,0	5874,0	76,0	6764,0	HL51x254				
305,0	73,0			64,0	4672,0	79,3	5788,9	91,0	6643,0	HL51x305				

dimensiunea constructivă			1.8159 sârmă de arc din oțel de arc - cursa și forța arcului							date de comandă	
D _h mm	D _d mm	L ₀ mm	R N/mm	s ₁ mm	F ₁ N	s ₂ mm	F ₂ N	s _{max} mm	F _{max} N	culoare	articol nr.
10,00	5,00	25,0	36,8	4,5	165,6	5,3	195,0	6,2	228,2	galben	H10x25
		32,0	27,9	5,8	161,8	6,7	186,9	8,0	223,2		H10x32
		38,0	23,7	6,8	161,2	8,0	189,6	9,5	225,2		H10x38
		44,0	19,2	7,9	151,7	9,2	176,6	11,0	211,2		H10x44
		51,0	16,5	9,2	151,8	10,7	176,6	13,0	214,5		H10x51
		64,0	13,2	11,5	151,8	13,4	176,9	16,0	211,2		H10x64
		76,0	10,9	13,7	149,3	16,0	174,4	19,0	207,1		H10x76
		305,0	2,6	54,9	142,8	64,0	166,4	76,0	197,6		H10x305
12,50	6,30	25,0	58,5	4,5	263,3	5,3	310,1	6,2	362,7	galben	H13x25
		32,0	43,9	5,8	254,6	6,7	294,1	8,0	351,2		H13x32
		38,0	36,0	6,8	244,8	8,0	288,0	9,5	342,0		H13x38
		44,0	30,3	7,9	239,4	9,2	278,8	11,0	333,3		H13x44
		51,0	26,2	9,2	241,0	10,7	280,3	13,0	340,6		H13x51
		64,0	21,2	11,5	243,8	13,4	284,1	16,0	339,2		H13x64
		76,0	17,1	13,7	234,3	16,0	273,6	19,0	324,9		H13x76
		89,0	14,5	16,0	232,0	18,7	271,2	22,0	319,0		H13x89
16,00	8,00	305,0	4,3	54,9	236,1	64,0	275,2	76,0	326,8	galben	H13x305
		25,0	118,0	4,5	531,0	5,3	625,4	6,2	731,6		H16x25
		32,0	89,0	5,8	516,2	6,7	596,3	8,0	712,0		H16x32
		38,0	72,1	6,8	490,3	8,0	576,8	9,5	685,0		H16x38
		44,0	60,9	7,9	481,1	9,2	560,3	11,0	669,9		H16x44
		51,0	52,3	9,2	481,2	10,7	559,6	13,0	679,9		H16x51
		64,0	41,2	11,5	473,8	13,4	552,1	16,0	659,2		H16x64
		76,0	34,1	13,7	467,2	16,0	545,6	19,0	647,9		H16x76
20,00	10,00	89,0	29,5	16,0	472,0	18,7	551,7	22,0	649,0	galben	H16x89
		102,0	25,6	18,4	471,0	21,4	547,8	26,0	665,6		H16x102
		305,0	8,4	54,9	461,2	64,0	537,6	76,0	638,4		H16x305
		25,0	293,0	4,5	1318,5	5,3	1552,9	6,2	1816,6		H20x25
		32,0	224,0	5,8	1299,2	6,7	1500,8	8,0	1792,0		H20x32
		38,0	177,0	6,8	1203,6	8,0	1416,0	9,5	1681,5		H20x38
		44,0	149,0	7,9	1177,1	9,2	1370,8	11,0	1639,0		H20x44
		51,0	128,0	9,2	1177,6	10,7	1369,6	13,0	1664,0		H20x51
25,00	12,50	64,0	99,0	11,5	1138,5	13,4	1326,6	16,0	1584,0	galben	H20x64
		76,0	81,7	13,7	1119,3	16,0	1307,2	19,0	1552,3		H20x76
		89,0	69,5	16,0	1112,0	18,7	1299,7	22,0	1529,0		H20x89
		102,0	60,6	18,4	1115,0	21,4	1296,8	26,0	1575,6		H20x102
		115,0	53,0	20,7	1097,1	24,2	1282,6	29,0	1537,0		H20x115
		127,0	47,5	22,9	1087,8	26,7	1268,3	32,0	1520,0		H20x127
		139,0	43,0	25,0	1075,0	29,2	1255,6	35,0	1505,0		H20x139
		152,0	39,0	27,4	1068,6	32,0	1248,0	38,0	1482,0		H20x152
25,00	12,50	305,0	21,2	54,9	1163,9	64,0	1356,8	76,0	1611,2	galben	H20x305
		32,0	374,4	5,8	2171,5	6,7	2508,5	8,0	2995,2		H26x32
		38,0	346,0	6,8	2352,8	8,0	2768,0	9,5	3287,0		H26x38
		44,0	244,0	7,9	1927,6	9,2	2244,8	11,0	2684,0		H26x44
		51,0	207,5	9,2	1909,0	10,7	2220,3	13,0	2697,5		H26x51
		64,0	161,0	11,5	1851,5	13,4	2157,4	16,0	2576,0		H26x64
		76,0	130,8	13,7	1792,0	16,0	2092,8	19,0	2485,2		H26x76
		89,0	110,5	16,0	1768,0	18,7	2066,4	22,0	2431,0		H26x89
25,00	12,50	102,0	96,3	18,4	1771,9	21,4	2060,8	26,0	2503,8	galben	H26x102
		115,0	85,7	20,7	1774,0	24,2	2073,9	29,0	2485,3		H26x115
		127,0	76,3	22,9	1747,3	26,7	2037,2	32,0	2441,6		H26x127
		152,0	63,5	27,4	1739,9	32,0	2032,0	38,0	2413,0		H26x152
		178,0	53,9	32,0	1724,8	37,4	2015,9	44,0	2371,6		H26x178
		203,0	47,0	36,5	1715,5	42,6	2002,2	51,0	2397,0		H26x203
		305,0	30,9	54,9	1696,4	64,0	1977,6	76,0	2348,4		H26x305

Arcuri de ștanță

sarcină foarte mare



dimensiunea constructivă			1.8159 sârmă de arc din oțel de arc - cursa și forța arcului								culoare	date de comandă
D _h mm	D _d mm	L ₀ mm	R N/mm	s ₁ mm	F ₁ N	s ₂ mm	F ₂ N	s _{max} mm	F _{max} N			articol nr.
32,00	16,00	38,0	528,2	6,8	3591,8	8,0	4225,6	9,5	5017,9	galben		H32x38
		44,0	424,4	7,9	3352,8	9,2	3904,5	11,0	4668,4			H32x44
		51,0	353,0	9,2	3247,6	10,7	3777,1	13,0	4589,0			H32x51
		64,0	269,2	11,5	3095,8	13,4	3607,3	16,0	4307,2			H32x64
		76,0	218,5	13,7	2993,5	16,0	3496,0	19,0	4151,5			H32x76
		89,0	180,3	16,0	2884,8	18,7	3371,6	22,0	3966,6			H32x89
		102,0	155,0	18,4	2852,0	21,4	3317,0	26,0	4030,0			H32x102
		115,0	140,0	20,7	2898,0	24,2	3388,0	29,0	4060,0			H32x115
		127,0	124,0	22,9	2839,6	26,7	3310,8	32,0	3968,0			H32x127
		152,0	102,0	27,4	2794,8	32,0	3264,0	38,0	3876,0			H32x152
		178,0	88,2	32,0	2822,4	37,4	3298,7	44,0	3880,8			H32x178
		203,0	76,0	36,5	2774,0	42,6	3237,6	51,0	3876,0			H32x203
40,00	20,00	254,0	60,8	45,7	2778,6	53,3	3240,6	64,0	3891,2			H32x254
		305,0	49,0	54,9	2690,1	64,0	3136,0	76,0	3724,0			H32x305
		51,0	628,0	9,2	5777,6	10,7	6719,6	13,0	8164,0	galben		H40x51
		64,0	487,0	11,5	5600,5	13,4	6525,8	16,0	7792,0			H40x64
		76,0	379,0	13,7	5192,3	16,0	6064,0	19,0	7201,0			H40x76
		89,0	321,0	16,0	5136,0	18,7	6002,7	22,0	7062,0			H40x89
		102,0	281,0	18,4	5170,4	21,4	6013,4	26,0	7306,0			H40x102
		115,0	245,0	20,7	5071,5	24,2	5929,0	29,0	7105,0			H40x115
		127,0	221,0	22,9	5060,9	26,7	5900,7	32,0	7072,0			H40x127
		152,0	168,0	27,4	4603,2	32,0	5376,0	38,0	6384,0			H40x152
		203,0	132,0	36,5	4818,0	42,6	5623,2	51,0	6732,0			H40x203
		254,0	107,0	45,7	4889,9	53,3	5703,1	64,0	6848,0			H40x254
50,00	25,00	305,0	87,8	54,9	4820,2	64,0	5619,2	76,0	6672,8			H40x305
		64,0	709,0	11,5	8153,5	13,4	9500,6	16,0	11344,0	galben		H51x64
		76,0	572,0	13,7	7836,4	16,0	9152,0	19,0	10868,0			H51x76
		89,0	475,0	16,0	7600,0	18,7	8882,5	22,0	10450,0			H51x89
		102,0	405,0	18,4	7452,0	21,4	8667,0	26,0	10530,0			H51x102
		115,0	352,0	20,7	7286,4	24,2	8518,4	29,0	10208,0			H51x115
		127,0	316,0	22,9	7236,4	26,7	8437,2	32,0	10112,0			H51x127
		152,0	239,0	27,4	6548,6	32,0	7648,0	38,0	9082,0			H51x152
		203,0	187,0	36,5	6825,5	42,6	7966,2	51,0	9537,0			H51x203
		254,0	153,0	45,7	6992,1	53,3	8154,9	64,0	9792,0			H51x254
		305,0	127,0	54,9	6972,3	64,0	8128,0	76,0	9652,0			H51x305