

2 Flute - Center Cutting
Helix 30° - Short length - Alcrona Coated



D1	Cylindrical Shank	Weldon Shank	EURO	D1	D2	L1	L3
2,0	132123400201	132126400201	9,57	2,0	6	6	50
3,0	132123400301	132126400301	9,57	3,0	6	6	50
4,0	132123400401	132126400401	9,57	4,0	6	8	50
5,0	132123400501	132126400501	9,57	5,0	6	8	50
6,0	132123400600	132126400600	9,57	6,0	6	16	50
8,0	132123400800	132126400800	14,80	8,0	8	20	60
10,0	132123401000	132126401000	21,89	10,0	10	22	70
12,0	132123401200	132126401200	30,00	12,0	12	22	70
16,0	132123401600	132126401600	52,13	16,0	16	25	75
20,0	132123402000	132126402000	95,73	20,0	20	32	100

3 Flute - Center Cutting
Short length - Helix - Alcrona Coated



D1	Cylindrical Shank	Weldon Shank	EURO	D1	D2	L1	L3
3,0	133155400301	133154400300	11,71	3,0	6	7	57
4,0	133155400401	133154400400	11,71	4,0	6	8	57
5,0	133155400501	133154400500	11,71	5,0	6	10	57
6,0	133155400600	133154400600	11,71	6,0	6	10	57
8,0	133155400800	133154400800	17,44	8,0	8	16	63
10,0	133155401000	133154401000	25,44	10,0	10	19	72
12,0	133155401200	133154401200	35,57	12,0	12	22	83
16,0	133155401600	133154401600	60,53	16,0	16	26	92
20,0	133155402000	133154402000	98,16	20,0	20	32	104



AKCE - SLEVA Z KATALOGOVÝCH CEN 20%

3 Flute - Center Cutting
Helix 30° - Long length- Alcrona Coated



D1	Cylindrical Shank	Weldon Shank	EURO	D1	D2	L1	L3
3,0	133126400301	133127400301	9,57	3,0	6	6	50
4,0	133126400401	133127400401	9,57	4,0	6	8	50
5,0	133126400501	133127400501	9,57	5,0	6	8	50
6,0	133126400600	133127400600	9,57	6,0	6	16	50
8,0	133126400800	133127400800	14,80	8,0	8	20	60
10,0	133126401000	133127401000	21,89	10,0	10	22	70
12,0	133126401200	133127401200	30,00	12,0	12	22	70
16,0	133126401600	133127401600	52,13	16,0	16	25	75
20,0	133126402000	133127402000	95,73	20,0	20	32	100

4 Flute - Center Cutting
Helix 30° - Long length- Alcrona Coated

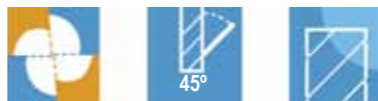


D1	Cylindrical Shank	Weldon Shank	EURO	D1	D2	L1	L3
3,0	134126400301	134125400300	10,48	3,0	6	8	57
4,0	134126400401	134125400400	10,48	4,0	6	11	57
5,0	134126400500	134125400500	10,48	5,0	6	13	57
6,0	134126400600	134125400600	10,48	6,0	6	13	57
8,0	134126400800	134125400800	19,47	8,0	8,0	19	63
10,0	134126401000	134125401000	25,23	10,0	10	22	72
12,0	134126401200	134125401200	35,57	12,0	12	26	83
16,0	134126401600	134125401600	60,53	16,0	16	32	92
20,0	134126402000	134125402000	98,35	20,0	20	38	104



AKCE - SLEVA Z KATALOGOVÝCH CEN 20%

4 Flute STV End Mill - Center Cutting
Helix 45° - Long length - Alcrona Coated
Semi Roughing with Excellent Finish - Unequal Index



D1	Cylindrical Shank	Weldon Shank	EURO	D1	D2	L1	L3
4,0	135420000400	135420100400	19,84	4,0	6	11	57
5,0	135420000500	135420100500	19,84	5,0	6	13	57
6,0	135420000600	135420100600	19,84	6,0	6	16	57
8,0	135420000800	135420100800	30,21	8,0	8	16	63
10,0	135420001000	135420101000	39,15	10,0	10	22	72
12,0	135420001200	135420101200	51,81	12,0	12	26	83
16,0	135420001600	135420101600	81,23	16,0	16	32	92
20,0	135420002000	135420102000	128,45	20,0	20	38	104

2 Flute Ball Nose - Center Cutting
Long & Short length - Helix 30°
Alcrona Coated



D1	Cylindrical Shank	Weldon Shank	EURO	D1	D2	L1	L3
1,0	136413400100	136412400100	11,87	1,0	3	6	38
2,0	136413400200	136412400200	11,87	2,0	3	6	38
3,0	136413400300	136412400300	11,87	3,0	6	7	57
4,0	136413400400	136412400400	11,87	4,0	6	8	57
5,0	136413400500	136412400500	11,87	5,0	6	10	57
6,0	136413400600	136412400600	11,87	6,0	6	10	57
8,0	136413400800	136412400800	20,19	8,0	8	16	63
10,0	136413401000	136412401000	28,56	10,0	10	19	72
12,0	136413401200	136412401200	40,45	12,0	12	22	83



AKCE - SLEVA Z KATALOGOVÝCH CEN 20%

3-4-5-6 Flute Rougher - Center Cutting
Long length - Helix 45° - Alcrona Coated



D1	Z	Cylindrical Shank	Weldon Shank	EURO
4,0	3	135517400401	135519400401	21,79
5,0	4	135517400501	135519400501	21,79
6,0	4	135517400600	135519400600	21,79
8,0	4	135517400800	135519400800	28,96
10,0	4	135517401000	135519401000	38,41
12,0	4	135517401200	135519401200	50,49
16,0	5	135517401600	135519401600	77,79
20,0	6	135517402000	135519402000	103,64

D1	D2	L1	L3
4,0	6	11	57
5,0	6	13	57
6,0	6	16	57
8,0	8	16	63
10,0	10	22	72
12,0	12	26	83
16,0	16	32	92
20,0	20	38	104

Razor Mill - 4 Flute - Center Cutting
Long length - Helix 45° - Alcrona Coated



D1	Cylindrical Shank	EURO
3,0	134527840300	13,79
4,0	134527840400	13,79
5,0	134527840500	13,79
6,0	134527840600	13,79
8,0	134527840800	19,52
10,0	134527841000	29,33
12,0	134527841200	39,52
16,0	134527841600	68,64
20,0	134527842000	109,31

D1	D2	L1	L3
3,0	6	8	57
4,0	6	11	57
5,0	6	13	57
6,0	6	13	57
8,0	8	19	63
10,0	10	22	72
12,0	12	26	83
16,0	16	32	92
20,0	20	38	104



AKCE - SLEVA Z KATALOGOVÝCH CEN 20%

Multi Flute - Center Cutting
Long length - Helix 45° - Alcrona Coated



D1	Z	Cylindrical	Weldon	EURO	D1	D2	L1	L3
6,0	6	134131400600	134130400600	11,87	6,0	6	13	57
8,0	6	134131400800	134130400800	20,19	8,0	8	19	63
10,0	6	134131401000	134130401000	28,56	10,0	10	22	72
12,0	6	134131401200	134130401200	40,48	12,0	12	26	83
16,0	6	134131401600	134130401600	69,07	16,0	16	32	92
20,0	8	134131402000	134130402000	112,29	20,0	20	38	104

4 Flute - Center Cutting

Unequal Helix 35° and 38° - Short length

Alcrona Coated - Semi Roughing for High Productivity - Chamfered



D1	Cylindrical	Weldon	EURO	D1	D2	L1	L3
3,0	134512000300	134512100300	15,14	3,0	6	8	57
4,0	134512000400	134512100400	15,14	4,0	6	11	57
5,0	134512000500	134512100500	15,14	5,0	6	13	57
6,0	134512000600	134512100600	15,14	6,0	6	13	57
8,0	134512000800	134512100800	20,48	8,0	8	19	63
10,0	134512001000	134512101000	31,06	10,0	10	22	72
12,0	134512001200	134512101200	41,04	12,0	12	26	83
16,0	134512001600	134512101600	66,59	16,0	16	32	92
20,0	134512002000	134512102000	108,06	20,0	20	38	104



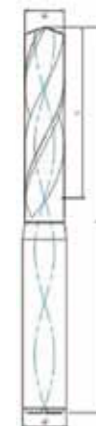
AKCE - SLEVA Z KATALOGOVÝCH CEN 20%

High Performance Drills
Carbide Drills without coolant hole 3xD
Alcrona Coated



Cylindrical	Whistle Notch		Increasing	EURO	D2	L1	L3
1111316	1111326	ø3 t/m ø3.7	0,1	17,07	6	20	62
1111316	1111326	ø3.8 t/m ø4.7	0,1	17,07	6	24	66
1111316	1111326	ø4.8 t/m ø6	0,1	17,07	6	28	66
1111316	1111326	ø6.1 t/m ø7	0,1	24,80	8	34	79
1111316	1111326	ø7.1 t/m ø8	0,1	24,80	8	41	79
1111316	1111326	ø8.1 t/m 10	0,1	40,00	10	47	89
1111316	1111326	ø10.1 t/m ø12	0,1	49,60	12	55	102
1111316	1111326	ø12.5/12.8/13/13.5/13.8/14		65,60	14	60	107
1111316	1111326	ø14.5/14.8/15/15.5/15.8/16		97,87	16	65	115
1111316	1111326	ø16.5/16.8/17/17.5/17.8/18		124,00	18	73	123
1111316	1111326	ø18.5/18.8/19/19.5/19.8/20		160,80	20	79	131

High Performance Drills
Carbide Drills with coolant hole 3xD
Alcrona Coated



Cylindrical	Whistle Notch		Increasing	EURO	D2	L1	L3
1111314	1111324	ø3 t/m ø3.7	0,1	21,87	6	20	62
1111314	1111324	ø3.8 t/m ø4.7	0,1	21,87	6	24	66
1111314	1111324	ø4.8 t/m ø6	0,1	21,87	6	28	66
1111314	1111324	ø6.1 t/m ø7	0,1	33,33	8	34	79
1111314	1111324	ø7.1 t/m ø8	0,1	33,33	8	41	79
1111314	1111324	ø8.1 t/m 10	0,1	49,60	10	47	89
1111314	1111324	ø10.1 t/m ø12	0,1	65,33	12	55	102
1111314	1111324	ø12.5 t/m ø14	0,5	82,93	14	60	107
1111314	1111324	ø14.5 t/m ø16	0,5	115,47	16	65	115
1111314	1111324	ø16.5 t/m ø18	0,5	150,13	18	73	123
1111314	1111324	ø18.5 t/m ø20	0,5	198,93	20	79	131

High Performance Drills
Carbide Drills without coolant hole 5xD
Alcrona Coated



Run Out ~ 0.003 mm
Chisel centrality ~ 0.006 mm



Cylindrical	Whistle Notch		Increasing	EURO	D2	L1	L3
1111317	1111327	ø3 t/m ø3.7	0,1	21,60	6	28	66
1111317	1111327	ø3.8 t/m ø4.7	0,1	21,60	6	36	74
1111317	1111327	ø4.8 t/m ø6	0,1	21,60	6	44	82
1111317	1111327	ø6.1 t/m ø8	0,1	29,87	8	53	91
1111317	1111327	ø8.1 t/m 10	0,1	46,40	10	61	103
1111317	1111327	ø10.1 t/m ø12	0,1	59,47	12	71	118
1111317	1111327	ø12.5/12.8/13/13.5/13.8/14		77,87	14	77	124
1111317	1111327	ø14.5/14.8/15/15.5/15.8/16		120,00	16	83	133
1111317	1111327	ø16.5/16.8/17/17.5/17.8/18		150,13	18	93	143
1111317	1111327	ø18.5/18.8/19/19.5/19.8/20		185,87	20	101	153

High Performance Drills
Carbide Drills with coolant hole 5xD
Alcrona Coated



Run Out ~ 0.003 mm
Chisel centrality ~ 0.006 mm



Cylindrical	Whistle Notch		Increasing	EURO	D2	L1	L3
1111315	1111325	ø3 t/m ø3.7	0,1	27,73	6	28	66
1111315	1111325	ø3.8 t/m ø4.7	0,1	27,73	6	36	74
1111315	1111325	ø4.8 t/m ø6	0,1	27,73	6	44	82
1111315	1111325	ø6.1 t/m ø8	0,1	39,73	8	53	91
1111315	1111325	ø8.1 t/m 10	0,1	57,33	10	61	103
1111315	1111325	ø10.1 t/m ø12	0,1	77,87	12	71	118
1111315	1111325	ø12.5 t/m ø14	0,5	97,87	14	77	124
1111315	1111325	ø14.5 t/m ø16	0,5	140,53	16	83	133
1111315	1111325	ø16.5 t/m ø18	0,5	174,13	18	93	143
1111315	1111325	ø18.5 t/m ø20	0,5	230,40	20	101	153

FEED without interior coolant supply

MATERIAL GROUP/DIAMETER - IN MM PER REVOLUTION

1111214 / 1111316 / 1111336

MATERIAL GROUP	FEED / DIAMETER									
	3 - 5 mm		5 - 8 mm		8 - 12 mm		12 - 16 mm		16 - 20 mm	
	min	max	min	max	min	max	min	max	min	max
11 Non-alloy Steel < 400 N/mm ²	0.10	0.18	0.13	0.23	0.18	0.30	0.20	0.30	0.25	0.40
12 Non-alloy Steel < 800 N/mm ²	0.10	0.20	0.15	0.28	0.18	0.35	0.20	0.38	0.25	0.42
13 Alloy Steel 800 N/mm ² - 1000 N/mm ²	0.10	0.20	0.15	0.28	0.18	0.35	0.20	0.38	0.25	0.42
14 Alloy Steel 1000 N/mm ² - 1400 N/mm ²	0.10	0.15	0.12	0.20	0.14	0.25	0.16	0.30	0.18	0.32
15 Alloy Steel 1400 N/mm ² - 1600 N/mm ²	0.10	0.15	0.12	0.20	0.14	0.25	0.16	0.30	0.18	0.32
21 Ferritic/Martensitic Stainless Steel - Soft	0.06	0.12	0.08	0.15	0.10	0.20	0.10	0.20	0.15	0.25
22 Ferritic/Martensitic Stainless Steel - Hard	0.06	0.12	0.08	0.15	0.10	0.20	0.10	0.20	0.15	0.25
31 Cast Iron - Soft	0.15	0.25	0.20	0.35	0.25	0.45	0.30	0.50	0.35	0.55
32 Cast Iron - Hard	0.06	0.20	0.08	0.25	0.10	0.30	0.12	0.40	0.14	0.40
41 Aluminium Si < 2% - Soft	0.10	0.25	0.15	0.35	0.25	0.45	0.30	0.50	0.35	0.55
42 Aluminium Si 2 - 10% - Hard	0.10	0.25	0.15	0.35	0.25	0.45	0.30	0.50	0.35	0.55
51 Copper/Copper Alloys - Soft	0.07	0.18	0.12	0.25	0.20	0.35	0.25	0.45	0.30	0.50
52 Brass - Soft	0.07	0.18	0.12	0.25	0.20	0.35	0.25	0.45	0.30	0.50

SPEED without interior coolant supply

PER MATERIAL GROUP - M/MIN

1111214 / 1111316 / 1111336

MATERIAL GROUP	SPEED					
	1 x D		3 x D		5 x D	
	min	max	min	max	min	max
Non-alloy Steel < 400 N/mm ²	100	120	65	80	40	75
Non-alloy Steel < 800 N/mm ²	80	100	50	65	40	60
Alloy Steel 800 N/mm ² - 1000 N/mm ²	60	80	40	60	40	55
Alloy Steel 1000 N/mm ² - 1400 N/mm ²	55	70	30	40	30	40
Alloy Steel 1400 N/mm ² - 1600 N/mm ²	40	60	25	35	25	35
Ferritic/Martensitic Stainless Steel - Soft	35	40	30	40	25	35
Ferritic/Martensitic Stainless Steel - Hard	35	40	30	40	25	35
Cast Iron - Soft	90	105	40	70	55	65
Cast Iron - Hard	45	60	45	60	40	55
Aluminium Si < 2% - Soft	95	260	65	240	55	210
Aluminium Si 2 - 10% - Hard	85	240	55	240	50	180
Copper/Copper Alloys - Soft	70	260	50	175	40	150
Brass - Soft	70	240	50	175	40	150

FEED with interior coolant supply

MATERIAL GROUP/DIAMETER - IN MM PER REVOLUTION

1111314 / 1111324 / 1111315 / 1111325 / 1111318

MATERIAL GROUP	FEED / DIAMETER									
	3 - 5 mm		5 - 8 mm		8 - 12 mm		12 - 16 mm		16 - 20 mm	
	min	max	min	max	min	max	min	max	min	max
11 Non-alloy Steel < 400 N/mm ²	0.15	0.18	0.15	0.25	0.18	0.30	0.20	0.35	0.25	0.40
12 Non-alloy Steel < 800 N/mm ²	0.10	0.20	0.15	0.28	0.18	0.35	0.20	0.38	0.25	0.42
13 Alloy Steel 800 N/mm ² - 1000 N/mm ²	0.10	0.20	0.15	0.28	0.18	0.35	0.20	0.38	0.25	0.42
14 Alloy Steel 1000 N/mm ² - 1400 N/mm ²	0.10	0.15	0.12	0.20	0.14	0.25	0.16	0.30	0.18	0.32
15 Alloy Steel 1400 N/mm ² - 1600 N/mm ²	0.10	0.15	0.12	0.20	0.14	0.25	0.16	0.30	0.18	0.32
21 Ferritic/Martensitic Stainless Steel - Soft	0.06	0.12	0.08	0.15	0.10	0.20	0.10	0.20	0.15	0.25
22 Ferritic/Martensitic Stainless Steel - Hard	0.06	0.12	0.08	0.15	0.10	0.20	0.10	0.20	0.15	0.25
31 Cast Iron - Soft	0.15	0.25	0.20	0.35	0.25	0.45	0.30	0.50	0.35	0.55
32 Cast Iron - Hard	0.06	0.20	0.08	0.25	0.10	0.30	0.12	0.40	0.14	0.40
41 Aluminium Si < 2% - Soft	0.10	0.25	0.15	0.35	0.25	0.45	0.30	0.50	0.35	0.55
42 Aluminium Si 2 - 10% - Hard	0.10	0.25	0.15	0.35	0.25	0.45	0.30	0.50	0.35	0.55
51 Copper/Copper Alloys - Soft	0.07	0.18	0.12	0.25	0.20	0.35	0.25	0.45	0.30	0.50
52 Brass - Soft	0.07	0.18	0.12	0.25	0.20	0.35	0.25	0.45	0.30	0.50

SPEED with interior coolant supply

PER MATERIAL GROUP - M/MIN

1111314 / 1111324 / 1111315 / 1111325 / 1111318

MATERIAL GROUP	SPEED					
	3 x D		5 x D		8 x D	
	min	max	min	max	min	max
Non-alloy Steel < 400 N/mm ²	90	110	65	80	70	85
Non-alloy Steel < 800 N/mm ²	70	90	40	60	45	70
Alloy Steel 800 N/mm ² - 1000 N/mm ²	40	70	50	70	45	60
Alloy Steel 1000 N/mm ² - 1400 N/mm ²	45	65	40	55	35	50
Alloy Steel 1400 N/mm ² - 1600 N/mm ²	25	55	30	45	30	45
Ferritic/Martensitic Stainless Steel - Soft	30	55	30	50	25	40
Ferritic/Martensitic Stainless Steel - Hard	30	55	30	50	25	40
Cast Iron - Soft	80	95	70	84	60	74
Cast Iron - Hard	40	60	55	70	45	60
Aluminium Si < 2% - Soft	90	360	80	320	70	280
Aluminium Si 2 - 10% - Hard	80	290	70	240	60	210
Copper/Copper Alloys - Soft	45	270	55	240	50	210
Brass - Soft	45	270	50	240	50	210

FEED

MATERIAL GROUP/DIAMETER - MM PER REVOLUTION

1111650

MATERIAL GROUP	FEED / DIAMETER							
	2	3	4	5	6	8	10	
Non-alloy Steel < 400 N/mm ²	0.04	0.05	0.06	0.07	0.08	0.10	0.12	
Non-alloy Steel < 800 N/mm ²	0.04	0.05	0.06	0.07	0.08	0.10	0.12	
Alloy Steel 800 N/mm ² - 1000 N/mm ²	0.04	0.05	0.06	0.07	0.08	0.10	0.12	
Alloy Steel 1000 N/mm ² - 1400 N/mm ²	0.03	0.04	0.05	0.06	0.07	0.09	0.11	
Alloy Steel 1400 N/mm ² - 1600 N/mm ²	0.03	0.04	0.05	0.06	0.07	0.09	0.11	
Ferritic/Martensitic Stainless Steel - Soft	0.03	0.04	0.05	0.06	0.07	0.09	0.11	
Ferritic/Martensitic Stainless Steel - Hard	0.03	0.04	0.05	0.06	0.07	0.09	0.11	
Cast Iron - Soft	0.05	0.06	0.07	0.08	0.09	0.12	0.14	
Cast Iron - Hard	0.05	0.06	0.07	0.08	0.09	0.12	0.14	
Aluminium Si < 2% - Soft	0.06	0.07	0.08	0.09	0.11	0.15	0.19	
Aluminium Si 2 - 10% - Hard	0.06	0.07	0.08	0.09	0.11	0.15	0.19	

SPEED

PER MATERIAL GROUP - M/MIN

1111650

MATERIAL GROUP	SPEED	
	min	max
Non-alloy Steel < 400 N/mm ²	70	80
Non-alloy Steel < 800 N/mm ²	65	75
Alloy Steel 800 N/mm ² - 1000 N/mm ²	50	60
Alloy Steel 1000 N/mm ² - 1400 N/mm ²	50	55
Alloy Steel 1400 N/mm ² - 1600 N/mm ²	45	55
Ferritic/Martensitic Stainless Steel - Soft	35	45
Ferritic/Martensitic Stainless Steel - Hard	30	40
Cast Iron - Soft	95	105
Cast Iron - Hard	70	80
Aluminium Si < 2% - Soft	140	180
Aluminium Si 2 - 10% - Hard	120	140

FEED

Application/diameter - mm per tooth

D	PROFILING						SLOTTING						CONTOURING					
	Roughing		Semi-Finishing		Finishing		Roughing		Semi-Finishing		Finishing		Semi-Finishing		Finishing			
	min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max		
1	0.010	0.020	0.020	0.030	0.005	0.020	0.010	0.020	0.008	0.012	0.015	0.025	0.015	0.025	0.025	0.035		
2	0.010	0.020	0.020	0.030	0.005	0.020	0.010	0.020	0.008	0.012	0.015	0.025	0.015	0.025	0.025	0.035		
3	0.020	0.030	0.030	0.040	0.010	0.030	0.020	0.030	0.012	0.020	0.025	0.040	0.025	0.040	0.040	0.050		
4	0.020	0.030	0.030	0.040	0.010	0.030	0.020	0.030	0.012	0.020	0.025	0.040	0.025	0.040	0.040	0.050		
5	0.030	0.050	0.040	0.050	0.015	0.040	0.030	0.050	0.018	0.030	0.035	0.050	0.035	0.050	0.050	0.060		
6	0.030	0.040	0.040	0.050	0.020	0.050	0.030	0.060	0.025	0.040	0.045	0.060	0.045	0.060	0.060	0.070		
8	0.040	0.060	0.050	0.060	0.030	0.060	0.040	0.080	0.035	0.060	0.065	0.080	0.065	0.080	0.080	0.090		
10	0.040	0.060	0.050	0.060	0.030	0.060	0.040	0.080	0.035	0.060	0.065	0.080	0.065	0.080	0.080	0.090		
12	0.050	0.070	0.060	0.070	0.040	0.080	0.050	0.100	0.045	0.080	0.085	0.100	0.085	0.100	0.100	0.110		
14	0.050	0.070	0.060	0.070	0.040	0.080	0.050	0.100	0.045	0.080	0.085	0.100	0.085	0.100	0.100	0.110		
16	0.060	0.100	0.060	0.110	0.050	0.100	0.060	0.120	0.055	0.100	0.105	0.120	0.105	0.120	0.120	0.130		
18	0.060	0.100	0.060	0.110	0.050	0.100	0.060	0.120	0.055	0.100	0.105	0.120	0.105	0.120	0.120	0.130		
20	0.070	0.120	0.070	0.130	0.060	0.120	0.070	0.140	0.065	0.120	0.125	0.140	0.125	0.140	0.140	0.150		

SPEED

Per material group - m/min

MATERIAL GROUP	HIGH PERFORMANCE PTAIN	
	V _c	
	min	max
Non-alloy Steel < 400 N/mm ²	250	325
Non-alloy Steel < 800 N/mm ²	210	300
Alloy Steel 800 N/mm ² - 1000 N/mm ²	177	260
Alloy Steel 1000 N/mm ² - 1400 N/mm ²	125	210
Alloy Steel 1400 N/mm ² - 1600 N/mm ²	80	150
Ferritic/Martensitic Stainless Steel - Soft		



AKCE - SLEVA 20% Z KATALOGOVÝCH CEN

