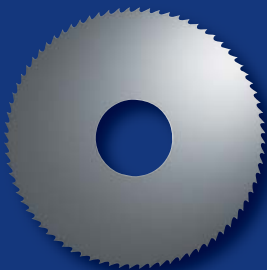
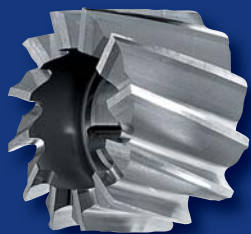
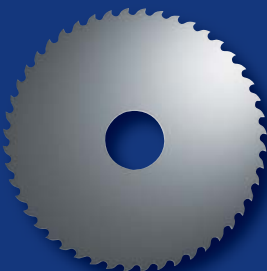
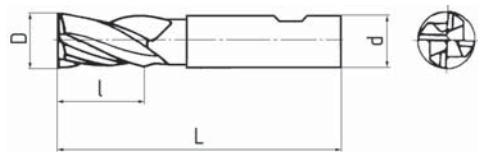


**fn**<sup>®</sup> ZPS - FRÉZOVACÍ NÁSTROJE

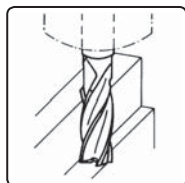


**Nové produkty  
New products  
Neue Produkte  
Новые продукты**



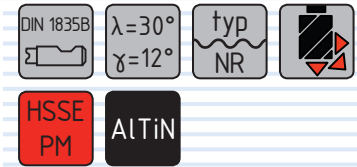
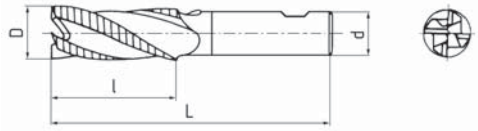
**1215**DIN 844  
ISO 1641FRÉZY VÁLCOVÉ ČELNÍ - DLOUHÉ, 1 břit přes střed  
END MILLS - LONG, 1 tooth cut over centre  
SCHAFTFRÄSER - LANG, 1 Schneide über Mitte  
ФРЕЗЫ ЦИЛИНДРИЧЕСКИЕ ТОРЦЕВЫЕ ДЛИННЫЕ, с 1 режущей  
кромкой через центр**fn**<sup>®</sup>

Použití - Usage - Applikation - Употребление

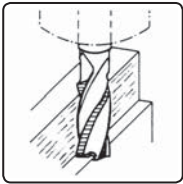


D k 10	l	L	d h 6	Z	CODE 121517+AlTiN	IDENT.
6	24	68	6	4	•	.060
8	38	88	10	4	•	.080
10	45	95	10	4	•	.100
12	53	110	12	4	•	.120
14	53	110	12	4	•	.140
16	63	123	16	4	•	.160
18	63	123	16	4	•	.180
20	75	141	20	4	•	.200

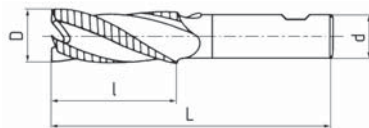
Příklad objednávky - Example of order - Bestellsbeispiel - Пример заказа



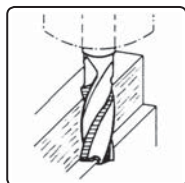
Použití - Usage - Applikation - Употребление



D k 12	l	L	d h 6	Z	CODE 124517+AlTiN	IDENT.
6	13	57	6	4	•	.060
8	19	69	10	4	•	.080
10	22	72	10	4	•	.100
12	26	83	12	4	•	.120
14	26	83	12	4	•	.140
16	32	92	16	4	•	.160
18	32	92	16	4	•	.180
20	38	104	20	4	•	.200
22	38	104	20	5	•	.220
25	45	121	25	5	•	.250
28	45	121	25	5	•	.280
30	45	121	25	5	•	.300
32	53	133	32	6	•	.320

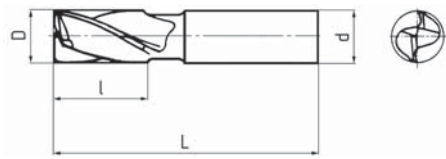
**1255**DIN 844  
ISO 1641FRÉZY VÁLCOVÉ ČELNÍ - DLOUHÉ, NR, 1 břit přes střed  
END MILLS - LONG, NR, 1 tooth cut over centre  
SCHAFTFRÄSER - LANG, NR, 1 Schneide über Mitte  
ФРЕЗЫ ЦИЛИНДРИЧЕСКИЕ ТОРЦЕВЫЕ ДЛИННЫЕ, NR,  
с 1 режущей кромкой через центр**fn**<sup>®</sup>

Použití - Usage - Applikation - Употребление

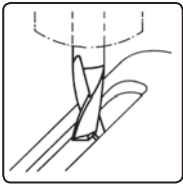


D k 12	l	L	d h 6	Z	CODE 125517+AlTiN	IDENT.
6	24	68	6	4	•	.060
8	38	88	10	4	•	.080
10	45	95	10	4	•	.100
12	53	110	12	4	•	.120
14	53	110	12	4	•	.140
16	63	123	16	4	•	.160
18	63	123	16	4	•	.180
20	75	141	20	4	•	.200
25	90	166	25	5	•	.250
32	106	186	32	6	•	.320

Příklad objednávky - Example of order - Bestellsbeispiel - Пример заказа



Použití - Usage - Applikation - Употребление

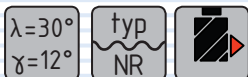
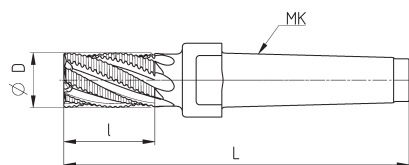


D e 8	l	L	d h 6	CODE 220407+AlTiN	CODE 220417+AlTiN	IDENT.
4	7	51	6	•	•	.040
5	8	52	6	•	•	.050
6	8	52	6	•	•	.060
7	10	60	10	•	•	.070
8	11	61	10	•	•	.080
9	11	61	10	•	•	.090
10	13	63	10	•	•	.100
12	16	73	12	•	•	.120
14	16	73	12	•	•	.140
16	19	79	16	•	•	.160
18	19	79	16	•	•	.180
20	22	88	20	•	•	.200
25	26	102	25	•	•	.250
28	26	102	25	•	•	.280

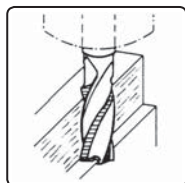
Příklad objednávky - Example of order - Bestellsbeispiel - Пример заказа

**220407.040** + AlTiN

**220417.040** + AlTiN

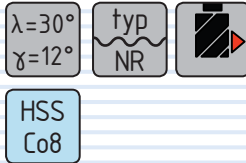
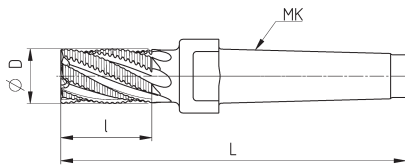
HSS  
Co8

## Použití - Usage - Applikation - Употребление

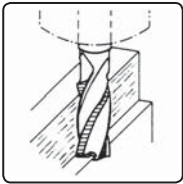


D k 12	I	L	MK	Z	CODE 424248	CODE 424248	IDENT.
10	22	92	1	4	•		.100
12	26	96	1	4	•		.120
14	26	111	2	4	•		.140
16	32	117	2	4	•		.160
18	32	117	2	4	•		.180
20	38	123	2	4	•		.200
22	38	123	2	5	•		.220
24	45	147	3	5	•		.240
25	45	147	3	5	•		.250
26	45	147	3	5	•		.260
28	45	147	3	5	•		.280
30	45	147	3	5	•		.300
32	53	201	4	6		•	.320
35	53	201	4	5		•	.350
36	53	201	4	6		•	.360
40	63	211	4	6		•	.400
45	63	211	4	6		•	.450
50	75	261	5	8		•	.500

Příklad objednávky - Example of order - Bestellsbeispiel - Пример заказа



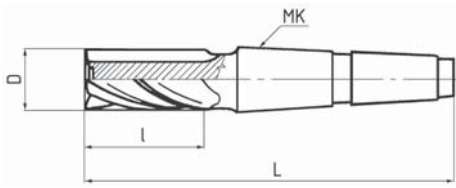
Použití - Usage - Applikation - Употребление



D k 12	I	L	MK	Z	CODE 425248	CODE 425248	IDENT.
20	75	160	2	4	•		.200
22	75	160	2	5	•		.220
25	90	192	3	5	•		.250
28	90	192	3	5	•		.280
30	90	192	3	5	•		.300
32	106	254	4	6		•	.320
36	106	254	4	6		•	.360
40	125	273	4	6		•	.400
45	125	273	4	6		•	.450
50	150	336	5	8		•	.500

Příklad objednávky - Example of order - Bestellsbeispiel - Пример заказа

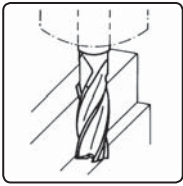
**425248.200**



HSS  
Co8



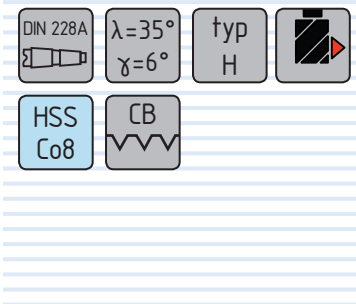
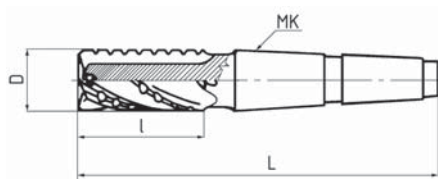
Použití - Usage - Applikation - Употребление



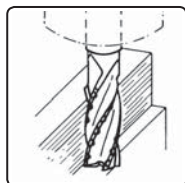
				6			10			13
--	--	--	--	---	--	--	----	--	--	----

D k 10	I	L	MK	Z	CODE 440248	IDENT.
10	22	92	1	4	•	.100
12	26	96	1	4	•	.120
14	26	111	2	4	•	.140
16	32	117	2	4	•	.160
18	32	117	2	4	•	.180
20	38	123	2	4	•	.200
22	38	123	2	5	•	.220
25	45	147	3	5	•	.250
28	45	147	3	5	•	.280
30	45	147	3	6	•	.300
32	53	178	4	6	•	.320
36	53	178	4	6	•	.360
40	63	188	4	6	•	.400
45	63	188	4	6	•	.450
50	75	233	5	6	•	.500





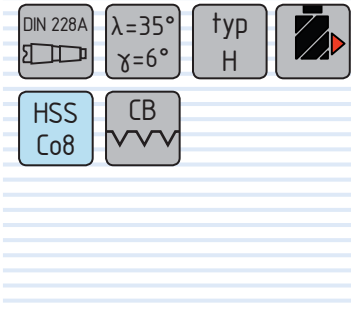
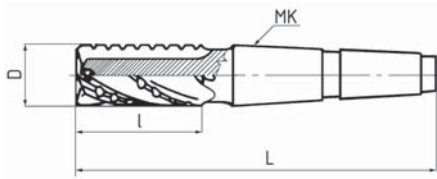
## Použití - Usage - Applikation - Употребление



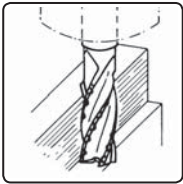
				6			10			13
--	--	--	--	---	--	--	----	--	--	----

D k 12	I	L	MK	Z	CODE 442248	IDENT.
10	22	92	1	4	•	.100
12	26	96	1	4	•	.120
14	26	111	2	4	•	.140
16	32	117	2	4	•	.160
18	32	117	2	4	•	.180
20	38	123	2	4	•	.200
22	38	123	2	5	•	.220
25	45	147	3	5	•	.250
28	45	147	3	5	•	.280
30	45	147	3	6	•	.300
32	53	178	4	6	•	.320
36	53	178	4	6	•	.360
40	63	188	4	6	•	.400
45	63	188	4	6	•	.450
50	75	233	5	6	•	.500

Příklad objednávky - Example of order - Bestellsbeispiel - Пример заказа

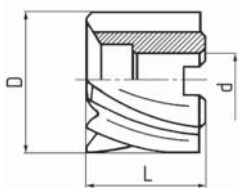
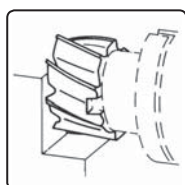


Použití - Usage - Applikation - Употребление



				6			10				13
--	--	--	--	---	--	--	----	--	--	--	----

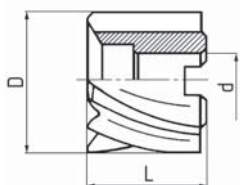
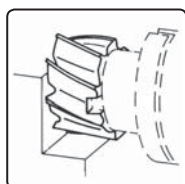
D k 12	I	L	MK	Z	CODE 443248	IDENT.
10	45	115	1	4	•	.100
12	53	123	1	4	•	.120
14	53	138	2	4	•	.140
16	63	148	2	4	•	.160
18	63	148	2	4	•	.180
20	75	160	2	4	•	.200
22	75	160	2	5	•	.220
25	90	192	3	5	•	.250
28	90	192	3	5	•	.280
30	90	192	3	6	•	.300
32	106	231	4	6	•	.320
36	106	231	4	6	•	.360
40	125	250	4	6	•	.400
45	125	250	4	6	•	.450
50	150	308	5	6	•	.500

**6102**DIN 1880  
ISO 2780/2586FRÉZY VÁLCOVÉ ČELNÍ, hrubozubé  
SHELL END MILLS, coarse teeth  
WALZENSTIRNFRÄSER, grobgezahnt  
ФРЕЗЫ ЦИЛИНДРИЧЕСКИЕ ТОРЦЕВЫЕ, крупнозубые**fn**<sup>®</sup>λ=40°  
γ=22°typ  
WHSS  
Co5

Použití - Usage - Applikation - Употребление

1						7					11	12
---	--	--	--	--	--	---	--	--	--	--	----	----

D js 16	L	d H 7	Z	CODE 610275V	IDENT.
40	32	16	4	•	.040
50	36	22	4	•	.050
63	40	27	5	•	.063
80	45	27	6	•	.080
100	50	32	7	•	.100

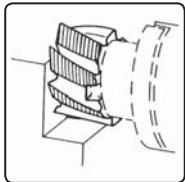
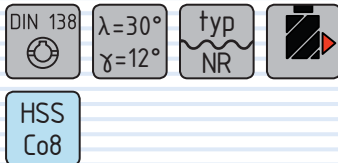
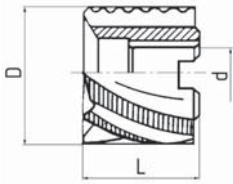
**6202**DIN 1880  
ISO 2780/2586FRÉZY VÁLCOVÉ ČELNÍ, polohrubozubé  
SHELL END MILLS  
WALZENSTIRNFRÄSER  
ФРЕЗЫ ЦИЛИНДРИЧЕСКИЕ ТОРЦЕВЫЕ, среднезубые**fn**<sup>®</sup>λ=30°  
γ=12°typ  
NHSSE  
Co8

Použití - Usage - Applikation - Употребление

1	2	3	4	5			8	9				
---	---	---	---	---	--	--	---	---	--	--	--	--

D js 16	L	d H 7	Z	CODE 620278V	IDENT.
40	32	16	8	•	.040
50	36	22	8	•	.050
63	40	27	8	•	.063
80	45	27	10	•	.080
100	50	32	12	•	.100
125	56	40	14	•	.125
160	63	50	16	•	.160

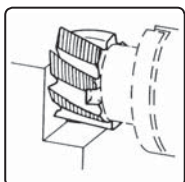
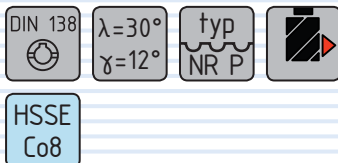
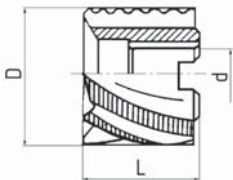
Příklad objednávky - Example of order - Bestellsbeispiel - Пример заказа



Použití - Usage - Applikation - Употребление



D js 16	L	d H 7	Z	CODE 624278V	IDENT.
40	32	16	6	•	.040
50	36	22	6	•	.050
63	40	27	8	•	.063
80	45	27	8	•	.080
100	50	32	10	•	.100
125	56	40	12	•	.125
160	63	50	14	•	.160



Použití - Usage - Applikation - Употребление

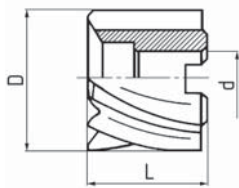
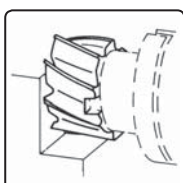


D js 16	L	d H 7	Z	CODE 624278PV	IDENT.
40	32	16	6	•	.040
50	36	22	6	•	.050
63	40	27	8	•	.063
80	45	27	8	•	.080
100	50	32	10	•	.100
125	56	40	12	•	.125
160	63	50	14	•	.160

Příklad objednávky - Example of order - Bestellsbeispiel - Пример заказа

624278V.040

624278PV.040

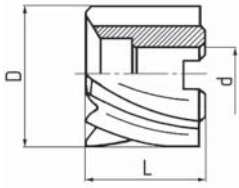
HSS  
Co5

Použití - Usage - Applikation - Употребление

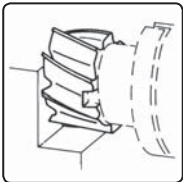


D js 16	L	d H 7	Z	CODE 630275V	IDENT.
40	32	16	10	•	.040
50	36	22	12	•	.050
63	40	27	12	•	.063
80	45	27	14	•	.080
100	50	32	16	•	.100
125	56	40	18	•	.125

Příklad objednávky - Example of order - Bestellsbeispiel - Пример заказа



HSS  
Co5



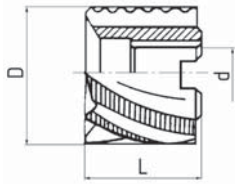
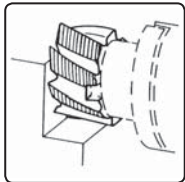
Použití - Usage - Applikation - Употребление



D js 16	L	d H 7	Z	CODE 680275V	IDENT.
30	30	13	6	•	.030030
35	35	16	6	•	.035035
40	20	16	8	•	.040020
40	40	16	8	•	.040040
50	25	22	8	•	.050025
50	50	22	8	•	.050050
60	30	27	8	•	.060030
60	60	27	8	•	.060060
75	35	27	10	•	.075035
75	75	27	10	•	.075035
80	35	27	10	•	.080035
100	35	32	12	•	.100035

**6842**

DIN 841

FRÉZY VÁLCOVÉ ČELNÍ, NR  
SHELL END MILLS, NR  
WALZENSTIRNFRÄSER, NR  
ФРЕЗЫ ЦИЛИНДРИЧЕСКИЕ ТОРЦЕВЫЕ, NR**fn**<sup>®</sup>HSS  
Co5

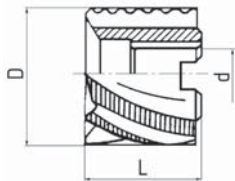
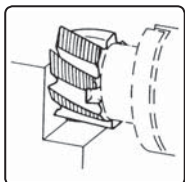
Použití - Usage - Applikation - Употребление



D js 16	L	d H 7	Z	CODE 684275V	IDENT.
40	40	16	6	•	.040040
50	50	22	6	•	.050050
60	60	27	8	•	.060060
75	75	27	8	•	.075075

**6842P**

DIN 841

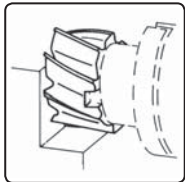
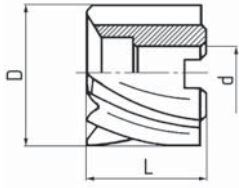
FRÉZY VÁLCOVÉ ČELNÍ, NR P  
SHELL END MILLS, NR P  
WALZENSTIRNFRÄSER, NR P  
ФРЕЗЫ ЦИЛИНДРИЧЕСКИЕ ТОРЦЕВЫЕ, NR P**fn**<sup>®</sup>HSS  
Co5

Použití - Usage - Applikation - Употребление



D js 16	L	d H 7	Z	CODE 684275PV	IDENT.
40	40	16	6	•	.040040
50	50	22	6	•	.050050
60	60	27	8	•	.060060
75	75	27	8	•	.075075

Příklad objednávky - Example of order - Bestellungsbeispiel - Пример заказа



Použití - Usage - Applikation - Употребление

	3	4	5	6		8	9	10		
--	---	---	---	---	--	---	---	----	--	--

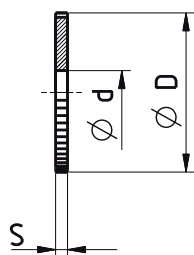
D js 16	L	d H 7	Z	CODE 690275V	IDENT.
30	30	13	8	•	.030030
35	35	16	10	•	.035035
40	40	16	10	•	.040040
50	50	22	12	•	.050050
60	60	27	12	•	.060060
75	75	27	14	•	.075075

Příklad objednávky - Example of order - Bestellsbeispiel - Пример заказа

690275V.030

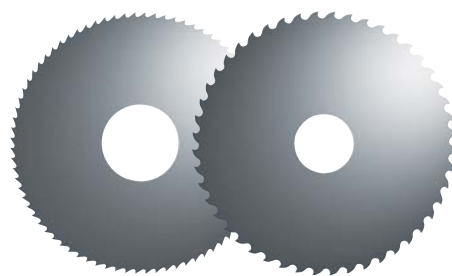
SKUPINY MATERIÁLŮ - MATERIAL GROUPS - MATERIALGRUPPEN - ГРУППЫ МАТЕРИАЛОВ

Skupina Group Gruppe Группа	Materiál Material Material Материал	Pevnost Strength Festigkeit Твердость	Příklad Example Beispiel Пример		
1	Automatové a konstrukční oceli Free-cutting steels, general construction steels Automatenstähle, allgemeine Baustähle Автоматные и конструкционные стали	≤ 600 MPa	DIN 1.0037 DIN 1.0050 11 109 11 500	7	Litina Cast iron Temperguss Чугун ≤ 240 HB GG - 15 GG - 20 422415 422420
2	Konstrukční a lité oceli General construction steels, steel castings Allgemeine Baustähle, Stahlguss Конструкционные и литые стали	≤ 850 MPa	DIN 1.0503 DIN 1.0070 12 050 422650	8	Litina Cast iron Gusseisen Чугун > 240 HB GG - 30 422430
3	Nástrojové oceli nízkolegované Tool steels low alloyed Niedriglegierte Werkzeugstähle Инструментальная сталь низколегированная	≤ 1100 MPa	DIN 1.2711 19 662 422865	9	Nerezavějící oceli Corrosion- and acid-proof steels Rost- und säurebeständige Нержавеющие стали ≤ 850 MPa DIN 1.4013 17 041
4	Zuřlechtěné oceli Heat treatable steels Vergütungsstähle Улучшенные стали	≤ 900 MPa	DIN 1.5710 DIN 1.8159 16 240	10	Slitiny Cr-Ni Chrome-nickel alloys Chrom-Nickellegierungen Хромникелевые сплавы ≤ 850 MPa DIN 1.4301 DIN 2.4360 Nimonic Hastelloy B 17 242
5	Nástrojové oceli vysocolegované Tool steels high alloyed Hochlegierte Werkzeugstähle Инструментальная сталь высоколегированная	≤ 1100 MPa	DIN 1.3243 19 436	11	Slitiny Cu-Zn, Cu-Sn Copper-zinc alloys, copper-tin alloys Kupfer-Zink-Legierungen, Kupfer-Zinn-Legierungen Медноцинковые и меднооловянные сплавы ≤ 800 MPa DIN 2.0402 DIN 2.1080 423035 423018
6	Nástrojové a zuřlechtěné oceli Tool and treated steels Werkzeug- und Vergütungsstähle Инструментальная и улучшенная сталь	> 1100 MPa	DIN 1.2343 15 241 15 260 19 552	12	Hliník, Al-Si slitiny Aluminium, Aluminium cast alloys Si Aluminium, Aluminium-Gu leg. Si Алюминий, алюминий-кремниевые сплавы ≤ 500 MPa DIN 3.3211 424254 424203
				13	Titan, Slitiny titanu Titanium, Titanium alloys Titan, Titanlegierungen Титан, Сплавы титана ≤ 1200 MPa DIN 3.7124 DIN 3.7165 DIN 3.7185



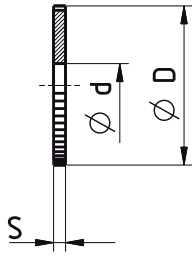
typ  
H = DIN 1837  
= CODE 722910

typ  
W = DIN 1838  
= CODE 722913



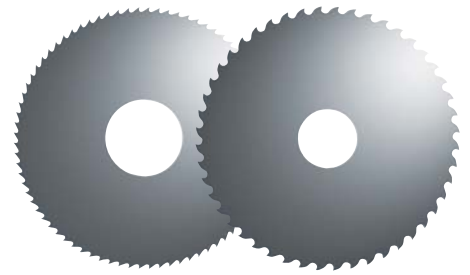
Dim.	Hole d	CODE 722910	CODE 722913	Dim.	Hole d	CODE 722910	CODE 722913	Dim.	Hole d	CODE 722910	CODE 722913	Dim.	Hole d	CODE 722910	CODE 722913	Dim.	Hole d	CODE 722910	CODE 722913
20x0,15	5	0200015	0200015	32x1,6	8	0320160	0320160	63x1	16	0630100	0630100	125x0,6	22	1250060	1250060	200x3	32	2000300	2000300
20x0,20	5	0200020	0200020	32x2	8	0320200	0320200	63x1,2	16	0630120	0630120	125x0,7	22	1250070	1250070	200x3,5	32	2000350	2000350
20x0,25	5	0200025	0200025	32x2,5	8	0320250	0320250	63x1,5	16	0630150	0630150	125x0,8	22	1250080	1250080	200x4	32	2000400	2000400
20x0,30	5	0200030	0200030	32x3	8	0320300	0320300	63x1,6	16	0630160	0630160	125x0,9	22	1250090	1250090	200x4,5	32	2000450	2000450
20x0,40	5	0200040	0200040	32x4	8	0320400	0320400	63x2	16	0630200	0630200	125x1	22	1250100	1250100	200x5	32	2000500	2000500
20x0,50	5	0200050	0200050	40x0,2	10	0400020	0400020	63x2,5	16	0630250	0630250	125x1,2	22	1250120	1250120	200x5,5	32	2000550	2000550
20x0,60	5	0200060	0200060	40x0,25	10	0400025	0400025	63x3	16	0630300	0630300	125x1,5	22	1250150	1250150	200x6	32	2000600	2000600
20x0,70	5	0200070	0200070	40x0,3	10	0400030	0400030	63x3,5	16	0630350	0630350	125x1,6	22	1250160	1250160	225x1,5	32	2250150	2250150
20x0,80	5	0200080	0200080	40x0,4	10	0400040	0400040	63x4	16	0630400	0630400	125x2	22	1250200	1250200	225x1,6	32	2250160	2250160
20x0,90	5	0200090	0200090	40x0,5	10	0400050	0400050	63x5	16	0630500	0630500	125x2,5	22	1250250	1250250	225x1,8	32	2250180	2250180
20x1,00	5	0200100	0200100	40x0,6	10	0400060	0400060	63x6	16	0630600	0630600	125x3	22	1250300	1250300	225x2,00	32	2250200	2250200
20x1,20	5	0200120	0200120	40x0,7	10	0400070	0400070	80x0,3	22	0800030	0800030	125x3,2	22	1250320	1250320	225x2,50	32	2250250	2250250
20x1,50	5	0200150	0200150	40x0,8	10	0400080	0400080	80x0,4	22	0800040	0800040	125x3,5	22	1250350	1250350	225x3,00	32	2250300	2250300
20x1,60	5	0200160	0200160	40x0,9	10	0400090	0400090	80x0,5	22	0800050	0800050	125x4	22	1250400	1250400	225x3,50	32	2250350	2250350
20x2,00	5	0200200	0200200	40x1	10	0400100	0400100	80x0,6	22	0800060	0800060	125x5	22	1250500	1250500	225x4,00	32	2250400	2250400
20x2,50	5	0200250	0200250	40x1,2	10	0400120	0400120	80x0,7	22	0800070	0800070	125x6	22	1260600	1260600	250x1,50	32	2500150	2500150
20x3,00	5	0200300	0200300	40x1,5	10	0400125	0400125	80x0,8	22	0800080	0800080	150x1	22	1500100	1500100	250x1,60	32	2500160	2500160
25x0,15	8	0250015	0250015	40x1,6	10	0400160	0400160	80x0,9	22	0800090	0800090	150x1,2	22	1500120	1500120	250x2,00	32	2500200	2500200
25x0,20	8	0250020	0250020	40x2	10	0400200	0400200	80x1	22	0800100	0800100	150x1,5	22	1500150	1500150	250x2,50	32	2500250	2500250
25x0,25	8	0250025	0250025	40x2,5	10	0400250	0400250	80x1,2	22	0800120	0800120	150x1,6	22	1500160	1500160	250x3,00	32	2500300	2500300
25x0,30	8	0250030	0250030	40x3	10	0400300	0400300	80x1,5	22	0800150	0800150	150x2	22	1500200	1500200	250x3,50	32	2500350	2500350
25x0,40	8	0250040	0250040	50x0,2	13	0500020	0500020	80x1,6	22	0800160	0800160	150x2,5	22	1500250	1500250	250x4,00	32	2500400	2500400
25x0,50	8	0250050	0250050	50x0,25	13	0500025	0500025	80x2	22	0800200	0800200	150x3	22	1500300	1500300	250x4,50	32	2500450	2500450
25x0,60	8	0250060	0250060	50x0,3	13	0500030	0500030	80x2,5	22	0800250	0800250	150x3,5	22	1500350	1500350	250x5,00	32	2500500	2500500
25x0,70	8	0250070	0250070	50x0,4	13	0500040	0500040	80x3	22	0800300	0800300	150x4	22	1500400	1500400	250x5,50	32	2500550	2500550
25x0,80	8	0250080	0250080	50x0,5	13	0500050	0500050	80x3,5	22	0800350	0800350	150x4,5	22	1500450	1500450	250x6,00	32	2500600	2500600
25x0,90	8	0250090	0250090	50x0,6	13	0500060	0500060	80x4	22	0800400	0800400	150x5	22	1500500	1500500	275x1,75	32	2750175	2750175
25x1,00	8	0250100	0250100	50x0,7	13	0500070	0500070	80x5	22	0800500	0800500	150x6	22	1500600	1500600	275x2,00	32	2750200	2750200
25x1,20	8	0250120	0250120	50x0,8	13	0500080	0500080	80x6	22	0800600	0800600	160x1	32	1600100	1600100	275x2,50	32	2750250	2750250
25x1,50	8	0250150	0250150	50x0,9	13	0500090	0500090	100x0,4	22	1000040	1000040	160x1,2	32	1600120	1600120	275x3,00	32	2750300	2750300
25x1,60	8	0250160	0250160	50x1	13	0500100	0500100	100x0,5	22	1000050	1000050	160x1,5	32	1600150	1600150	275x3,50	32	2750350	2750350
25x2,00	8	0250200	0250200	50x1,2	13	0500120	0500120	100x0,6	22	1000060	1000060	160x1,6	32	1600160	1600160	285x2,00	32	2850200	2850200
25x2,50	8	0250250	0250250	50x1,5	13	0500150	0500150	100x0,7	22	1000070	1000070	160x2	32	1600200	1600200	300x2,00	32	3000200	3000200
25x3	8	0250300	0250300	50x1,6	13	0500160	0500160	100x0,8	22	1000080	1000080	160x2,5	32	1600250	1600250	300x2,50	32	3000250	3000250
32x0,15	8	0320015	0320015	50x2	13	0500200	0500200	100x0,9	22	1000090	1000090	160x3	32	1600300	1600300	300x3,00	32	3000300	3000300
32x0,2	8	0320020	0320020	50x2,5	13	0500250	0500250	100x1	22	1000100	1000100	160x3,5	32	1600350	1600350	300x3,50	32	3000350	3000350
32x0,25	8	0320025	0320025	50x3	13	0500300	0500300	100x1,2	22	1000120	1000120	160x4	32	1600400	1600400	315x2,00	32	3150200	3150200
32x0,3	8	0320030	0320030	50x4	13	0500400	0500400	100x1,5	22	1000150	1000150	160x4,5	32	1600450	1600450	315x2,50	32	3150250	3150250
32x0,4	8	0320040	0320040	50x5	13	0500500	0500500	100x1,6	22	1000160	1000160	160x5	32	1600500	1600500	315x3,00	32	3150300	3150300
32x0,5	8	0320050	0320050	63x0,25	16	0630025	0630025	100x2	22	1000200	1000200	160x6	32	1600600	1600600	315x4,00	32	3150400	3150400
32x0,6	8	0320060	0320060	63x0,3	16	0630030	0630030	100x2,5	22	1000250	1000250	200x1	32	2000100	2000100	315x4,50	32	3150450	3150450
32x0,7	8	0320070	0320070	63x0,4	16	0630040	0630040	100x3	22	1000300	1000300	200x1,2	32	2000120	2000120	315x5,00	32	3150500	3150500
32x0,8	8	0320080	0320080	63x0,5	16	0630050	0630050	100x3,5	22	1000350	1000350	200x1,5	32	2000150	2000150	315x6,00	32	3150600	3150600
32x0,9	8	0320090	0320090	63x0,6	16	0630060	0630060	100x4	22	1000400	1000400	200x1,6	32	2000160	2000160				
32x1	8	0320100	0320100	63x0,7	16	0630070	0630070	100x5	22	1000500	1000500	200x1,8	32	2000180	2000180				
32x1,2	8	0320120	0320120	63x0,8	16	0630080	0630080	100x6	22	1000600	1000600	200x2	32	2000200	2000200				
32x1,5	8	0320150	0320150	63x0,9	16	0630090	0630090	125x0,5	22	1250050	1250050	200x2,5	32	2000250	2000250				

Příklad objednávky - Example of order - Bestellungsbeispiel - Пример заказа



typ H = CODE 722910

typ W = CODE 722913



Ročet zubů – Number of teeth – Zähnezahl – Количество зубьев

CODE 722910 ≈ DIN 1837

D (mm)	20	25	32	40	50	63	80	100	125	160	200	250	315
dH7 (mm)	5	8	8	10	13	16	22	22	22	32	32	32	40
B (mm)													
0,20 mm	80	80	100	128	128								
0,25 mm	64	80	100	100	128	160							
0,30 mm	64	80	80	100	128	128	160						
0,40 mm	64	64	80	100	100	128	160						
0,50 mm	48	64	80	80	100	128	128	160					
0,60 mm	48	64	64	80	100	100	128	160	160				
0,80 mm	48	48	64	80	80	100	128	128	160				
1,00 mm	40	48	64	64	80	100	100	128	160	160	200		
1,20 mm	40	48	48	64	80	80	100	128	128	160	200		
1,60 mm	40	40	48	64	64	80	100	100	128	160	200	200	
2,00 mm	32	40	48	48	64	80	80	100	100	128	160	200	
2,50 mm	32	40	40	48	64	64	80	100	100	128	160	160	200
3,00 mm	32	32	40	48	48	64	80	80	100	128	160	160	200
4,00 mm	24	32	40	40	48	64	64	80	100	100	128	160	160
5,00 mm	24	32	32	40	48	48	64	80	80	100	128	128	160
6,00 mm	24	24	32	40	40	48	64	64	80	100	128	128	160

CODE 722913 ≈ DIN 1838

D (mm)	20	25	32	40	50	63	80	100	125	160	200	250	315
dH7 (mm)	5	8	8	10	13	16	22	22	22	32	32	32	40
B (mm)													
0,50 mm					48	64	64	80					
0,60 mm					48	48	64	80	80				
0,80 mm					40	48	64	64	80				
1,00 mm					40	48	48	64	80	80			
1,20 mm					40	40	48	64	80	100			
1,60 mm					32	40	48	48	64	80	80	100	
2,00 mm					32	40	40	48	64	64	80	100	
2,50 mm					32	32	40	48	64	64	80	80	100
3,00 mm					24	32	40	40	48	64	64	80	100
4,00 mm					24	32	32	40	48	48	64	80	80
5,00 mm					24	24	32	40	40	48	64	64	80
6,00 mm					20	24	32	32	40	48	48	64	80

# **fn**<sup>®</sup> ZPS - FRÉZOVACÍ NÁSTROJE



**Frézy**  
**Milling Cutters**  
**Fräser**  
**Фрезы**

**ZPS - FRÉZOVACÍ NÁSTROJE a.s.**

**Tř. T. Bati č.p. 5334**

**760 01 Zlín**

**Česká republika**

**tel.: +420 576 777 520**

**fax: +420 576 777 512**

**e-mail: [sales@zps-fn.cz](mailto:sales@zps-fn.cz)**

**web: [www.zps-fn.cz](http://www.zps-fn.cz)**