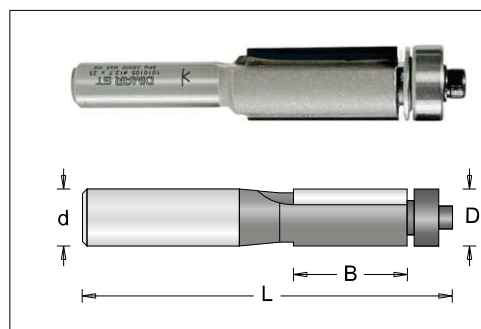
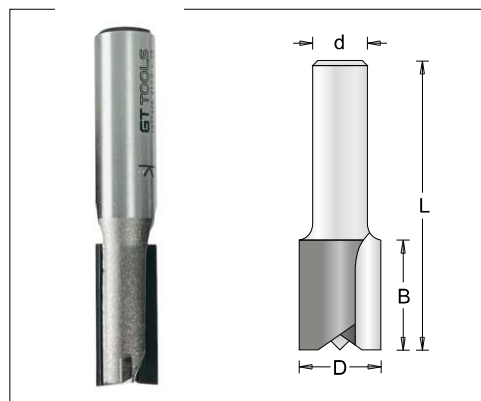
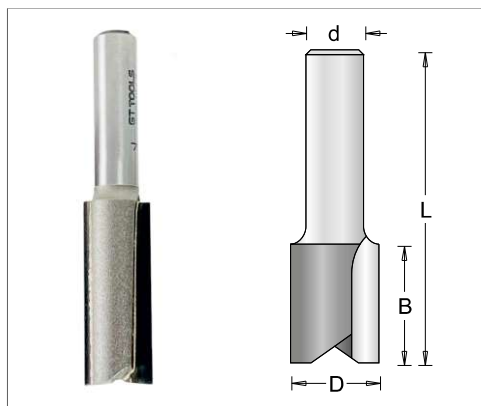


FREZY TRZPIENIOWE - wybór



Frezy proste

* frezy pełnowęglkowe

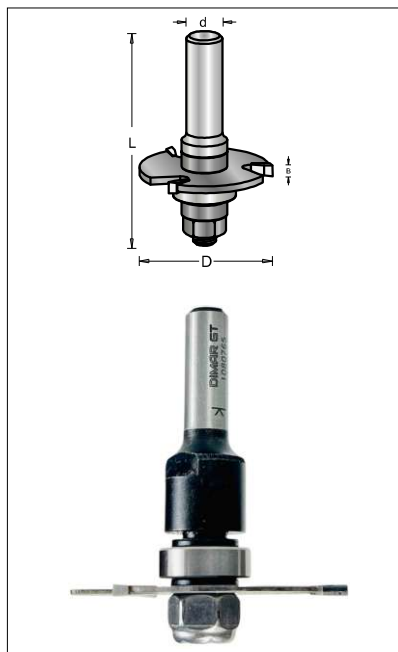
Nr kat.	D	B	L	d	Cena netto
1078353*	2	5	44	6	117.00
1070013/5*	3	11	51	6/8	93.00
1070043/5*	4	11	51	6/8	99.00
1070075*	5	11	51	8	99.00
1070083/5*	5	16	57	6/8	120.00
1070103/5	6	19	57	6/8	95.00
1070133/5	6	25	57	6/8	97.00
1070225	8	19	51	8	99.00
1070255	8	25	57	8	100.00
1070285	10	19	51	8	99.00
1070315/9	10	25	57	8/12	115.00
1070345/9	10	32	63	8/12	135.00
1070435	12	19	51	8	105.00
1070465/9	12	25	57	8/12	120.00
1070495/9	12	32	63	8/12	130.00
1070529	12	38	80	12	130.00
1070445	12	42	73	8	144.00
1070559	12	51	108	12	180.00
1070569	12	75	133	12	280.00
1070565	13	19	51	8	165.00
1070585	14	19	51	8	120.00
1070675	16	19	51	8	120.00
1070795	18	19	51	8	125.00
1071069	20	32	73	12	150.00
1071185	25	19	51	8	150.00

Frezy proste z płytką czołową

Nr kat.	D	B	L	d	Cena netto
1077225	8	19	51	8	140.00
1077289	10	19	63	12	195.00
1077465	12	25	57	8	185.00
1077469	12	25	67	12	215.00
1077559	12	51	108	12	270.00
1077705	16	25	57	8	195.00
1074929	16	51	108	12	285.00
1077039	20	25	67	12	245.00

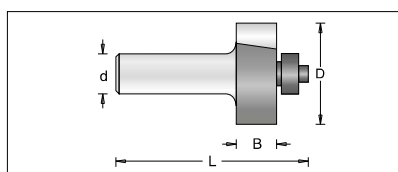
Frezy proste z łożyskiem na dole

Nr kat.	D	B	L	d	Cena netto
1010003	4.8	19	61	6	160.00
1011013	6.3	13	52	6	110.00
1011003	6.3	25	63	6	130.00
1010113	8.0	25	66	6	135.00
1010013/5	9.5	13	53	6/8	125.00
1010043/5	9.5	25	65	6/8	135.00
1010073/5	12.7	13	53	6/8	125.00
1010103/5	12.7	25	65	6/8	135.00
1010199	12.7	51	115	12	199.00



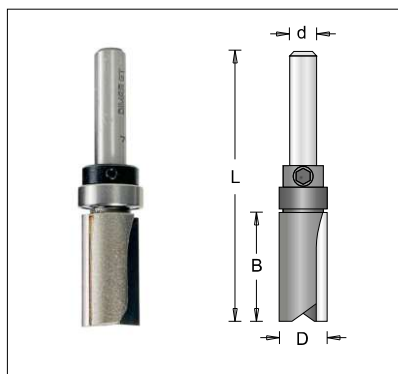
Frezy rowkujące

Nr kat.	D	B	L	d	Cena netto
1080735/9	47.6	1.5	70/78	8/12	185.00
1080730	OSTRZE WYMIENNE				125.00
1080765/9	47.6	2.0	70/78	8/12	185.00
1080760	OSTRZE WYMIENNE				125.00
1080795/9	47.6	2.5	70/78	8/12	190.00
1080790	OSTRZE WYMIENNE				130.00
1080825/9	47.6	3.0	70/78	8/12	189.00
1080820	OSTRZE WYMIENNE				130.00
1080855/9	47.6	4.0	70/78	8/12	195.00
1080850	OSTRZE WYMIENNE				135.00
1080885/9	47.6	5.0	70/78	8/12	210.00
1080880	OSTRZE WYMIENNE				145.00
1080915/9	47.6	6.0	70/78	8/12	210.00
1080910	OSTRZE WYMIENNE				145.00



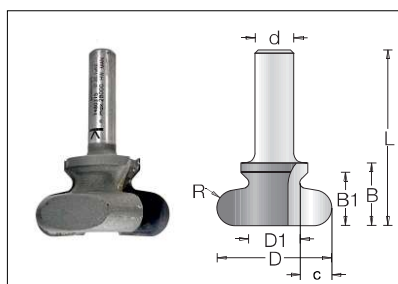
Frezy do wręgów

Nr kat.	D	B	t	L	d	Cena netto
1140019	31.8	12.5	9.5	59	12	199.00
1140069	35.0	12.5	12.7	59	12	215.00



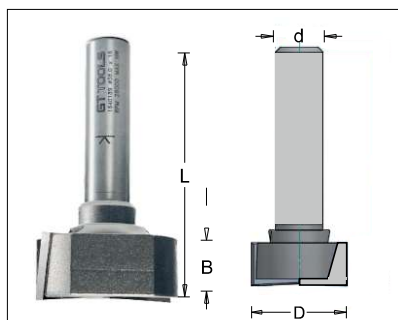
Frezy proste z łożyskiem u góry

Nr kat.	D	B	L	d	Cena netto
1072443	9.5	13	51	6	150.00
1072465	12.0	25	70	8	175.00
1072453	12.7	13	50	6	140.00
1072463	12.7	25	63	6	150.00
1072483	12.7	32	70	6	170.00
1072495	16.0	25	67	8	175.00
1072595	16.0	32	73	8	195.00
1072049	19.0	51	102	12	275.00



Frezy do pochwyków

Nr kat.	D	R	B	c	L	d	Cena netto
1480199	19.0	4.8	14.3	4.5	57.5	12	390.00
1480315	38.0	5.5	21	10.4	59	8	390.00
1480319	38.0	6.0	21	10.5	59	12	390.00
51208549	45.0	4.45	18.0	12.7	50	12	330.00

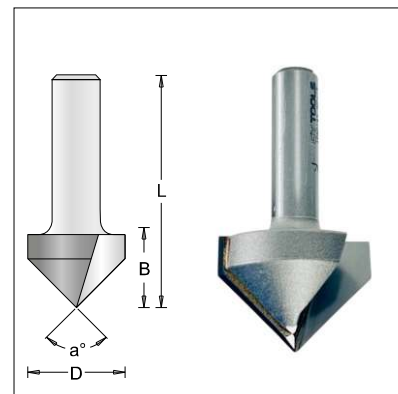


Frezy planujące

Nr kat.	D	B	L	d	Łożysko	Kołnierz	Cena netto
1640079	19.0	11	57	12			200.00
1640149	25.4	11	63	12			210.00
1640189	38.0	16	70	12			230.00
1642079	19.0	11	57	12	B190127	1970500	215.00
1642149	25.4	11	63	12	B254127A	1970500	230.00
1642189	38.0	16	70	12	B380150	PF12700	250.00

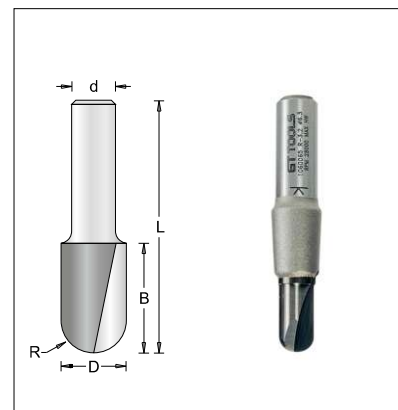
Frezy profilowe „V”

Nr kat.	D	B	a	d	Cena netto
1050045	12.7	16	60°	8	146.00
1050015	9.5	11	90°	8	135.00
1050105	12.7	12	90°	8	136.00
1050165/9	19.0	16	90°	8/12	200.00
1050629	31.8	21	100°	12	305.00
1050649	31.8	20	110°	12	314.00
1050009	38.1	32	120°	12	324.00
1050909	31.8	12	150°	12	340.00



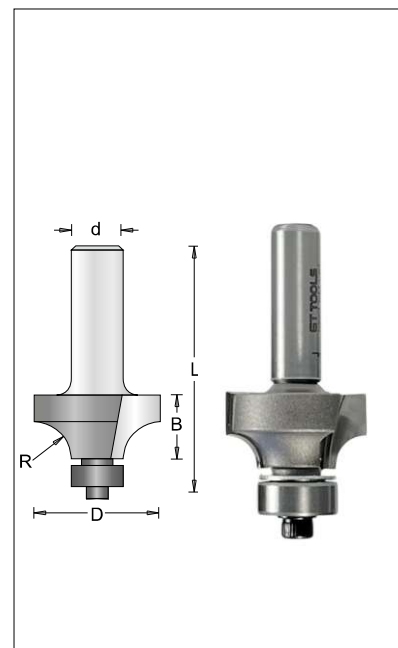
Frezy profilowe półwałek

Nr kat.	R	D	B	d	Cena netto
1060015	1.6	3.2	9.5	8	140.00
1060035	2.4	4.8	13	8	140.00
1060065	3.2	6.3	13	8	150.00
1060075	4.0	8.0	13	8	150.00
1060095	4.8	9.5	6	8	135.00
1060125/9	6.3	12.7	9	8/12	150.00
1060139	6.3	12.7	32	12	280.00
1060149	7.1	14.2	32	12	295.00
1060309	12.7	25.4	32	12	380.00



Frezy profilowe ćwierćwałek

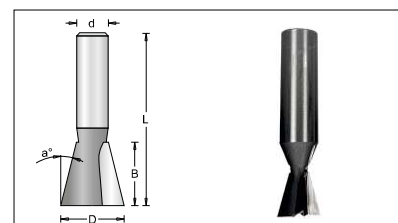
Nr kat.	R	D	B	d	Cena netto
1090013/5	1.6	15.9	8	6/8	150.00
1099013/5	2.0	16.7	8	6/8	160.00
1099043/5	3.0	18.7	9.5	6/8	170.00
1090055/9	4.0	20.6	9.5	8/12	180.00
1099075	5.0	22.7	12	8	190.00
1099105	6.0	24.7	12	8	195.00
1099135	8.0	28.6	12.7	8	200.00
1090163/5	9.5	31.8	12.7	6/8	220.00
1099165	10.0	32.7	16	8	230.00
1090195/9	12.7	38.1	18	8	250.00
1099225	15.0	42.5	22	8	290.00
1099279	19.0	50.8	25	12	310.00
1090289	25.4	63.5	32	12	480.00
1090319	31.8	76.3	38	12	640.00
1099349	38.0	89.0	44	12	740.00



Frezy profilowe „Jaskółczy ogon”

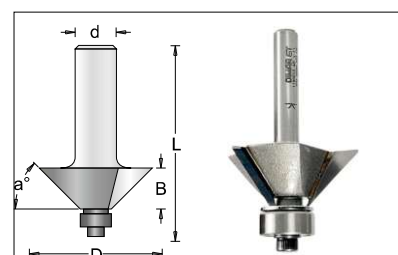
Nr kat.	D	B	a	d	Cena netto
1040049	12.7	12.5	14°	12	130.00
1040169*	19.1	19.1	14°	12	170.00
1040259	25.4	25.4	14°	12	230.00

* do wyczerpania zapasów



Frezy ukośne z łożyskiem

Nr kat.	D	B	a	Z	d	Cena netto
1180013	31.8	12.7	45°	3	6	190.00
1180015	31.8	12.7	45°	2	8	186.00
1180079	60.0	25.4	45°	2	12	380.00
1180099	76.2	25.4	45°	2	12	450.00
1181009	35.0	20.6	60°	2	12	243.00



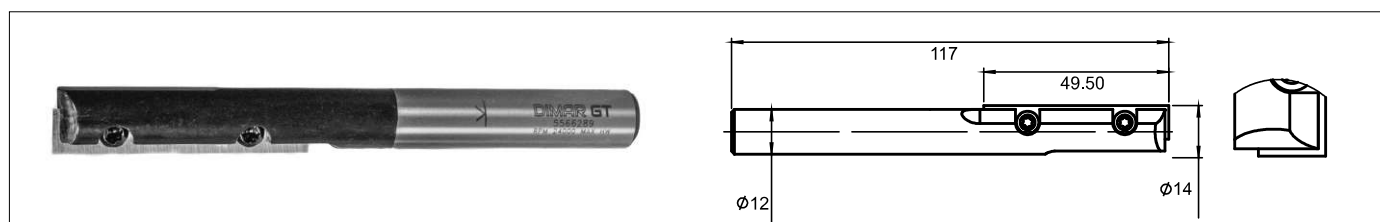
Główce z wymiennymi płytkami z łożyskiem

Nr kat.	D	B	L	d	Płytki	Łożysko	Śruba	Cena netto
1073415	19	12	75	8	012002 12x12x1.5	1910120 19x6x6	1931482 M4x6	220.00
1073859	19	30	83	12	013507 29.5x12x1.5	1910120 x 2 19x6x6	1931482 M4x6	290.00
1073899	19	50	100	12	013327 49.5x12x1.7	1910200 x 2 19.05x4x12.7	1931482 M4x6	350.00
1019445	19	30	70	8	012005 30x12x1.5	1910120 19x6x6	1931482 M4x6	290.00
1019479	19	50	110	12	013327 49.5x12x1.7	1910120 19x6x6	1931482 M4x6	350.00
1019579	19	50	118	12	013327 49.5x12x1.7	1910140 19.5x7.1x6.35 1910200 x 2 19.05x4x12.7	1931482 M4x6	390.00



Głowica do szablonów

Nr kat.	D	B	L	d	Płytki	Śruba	Cena netto
556289	14	49.5	115	12	013517 49.5x9.0x1.5	1933548 M3.5x4.8	430.00



Głowica do ścinania krawędzi

Nr kat.	D	a	B	L	d	Płytki	Śruba	Łożysko	Cena netto
1024523	27	45°	12	56	6	012002 12x12x1.5	1931482 M4x6	1910030 12.7x4.7x6.3	350.00
1024525	27	45°	12	58	8	012002 12x12x1.5	1931482 M4x6	1910030 12.7x4.7x6.3	350.00

