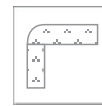
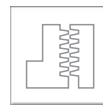
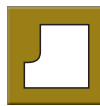
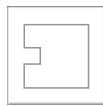




# NOVA Routing - Portable Machines



Frezy do rowkowania

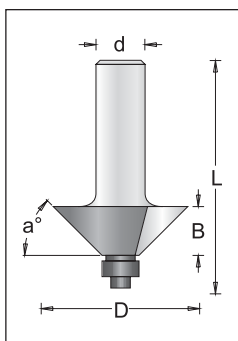
Profilowanie i fazowanie

Frezy do łączeń i wręgowania

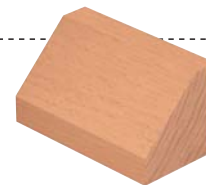
Frezy do kształtowania

do Corianu

## Frez skośny



D	a	B	Kod	L	d	
31.8	45°	12.7	1180 01 3	51.0	6	A
	45°	12.7	1180 01 5	54.5	8	B
	45°	12.7	1180 01 9	60.0	12	B
50.8	45°	19.1	1180 04 9	69.0	12	B
60.5	45°	25.4	1180 07 9	74.0	12	B
34.9	60°	20.6	1181 00 3	61.0	6	B
	60°	20.6	1181 00 9	71.0	12	B
76.2	45°	25.4	1180 09 9	90.0	12	C



Części zamienne:



A. Łożysko  
#191 001 0  
15x3x4

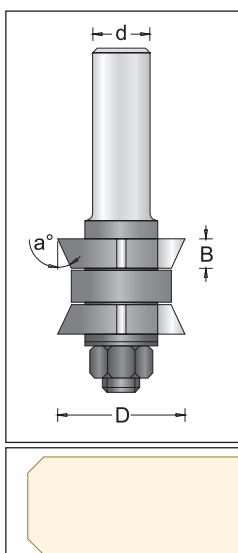


B. Łożysko  
#191 007 0  
12.7x4.7x5

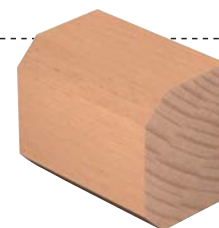


C. Łożysko  
#191 972 0  
25.4x6.3x9.1

## Nastawny frez do fazowania krawędzi z łożyskiem



D	a	Kod frezu	L	d
22.0	0°	1161 01 9 (1 frez)	76	12
25.4	15°	1161 04 9 (1 frez)	76	12
27.0	25°	1160 27 9 (2 frezy) *	96	12
	25°	1161 07 9 (1 frez)	76	12
34.0	45°	1160 21 9 (2 frezy) *	96	12
	45°	1161 20 9 (1 frez)	76	12



Części zamienne:



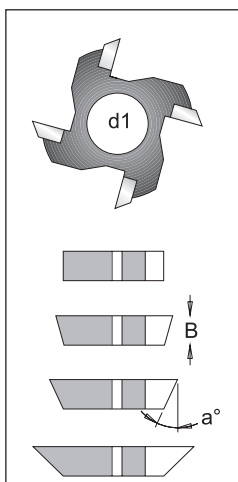
Trzpień z nakrętką  
#190 004 9  
L=76



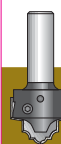
Trzpień z nakrętką\*  
#190 009 9  
L=96

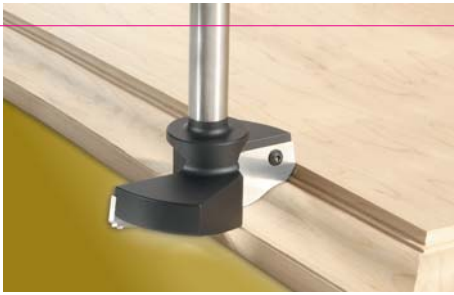


Łożysko  
#191 013 0  
8x22x7

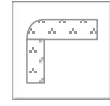
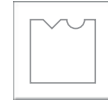
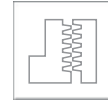
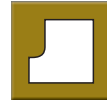
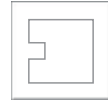


D	a	B	Kod frezu	d1
22.0	0°	6.5	1160 01 0	7.94
25.4	15°	6.5	1160 04 0	7.94
	25°	6.5	1160 07 0	7.94
27.0	25°	6.5	1160 17 0	7.94
	25°	6.5	1160 17 0	7.94
34.0	45°	6.5	1160 20 0	7.94
34.0	45°	6.5	1160 21 0	7.94





# NOVA Routing - Portable Machines



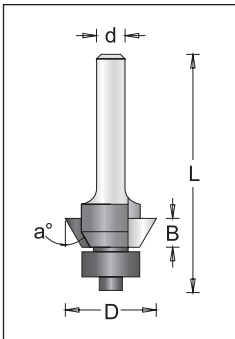
Frezy do rowkowania i fazowanie

Frezy do łączeń i wręgowania

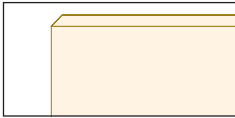
Frezy do kształtowania

Frezy do Corianu

## Frez podcinający skośny z łożyskiem



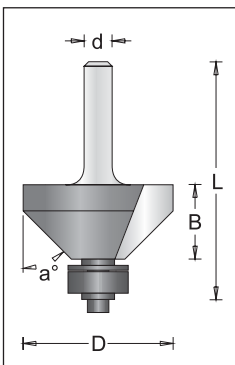
D	a	B	Kod	L	d
12.7	0°	6.3	1020 01 3	53	6
	0°	6.3	1020 01 5	53	8
15.9	15°	6.3	1020 04 3	53	6
	15°	6.3	1020 04 5	53	8
19.1	25°	6.3	1020 07 3	53	6
	25°	6.3	1020 07 5	53	8
	30°	6.3	1020 08 3	53	6
	30°	6.3	1020 08 5	53	8



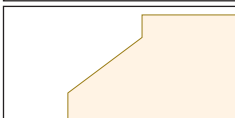
Części zamienne:



Łożysko  
#191 007 0  
12.7x4.7x5



D	a	B	Kod	L	d	Łożysko
22.2	45°	6.3	1020 01 3	47.0	6	B
	45°	6.3	1020 10 5	50.0	8	B
24.0	15°	9.5	1020 05 3	53.0	6	A
	15°	9.5	1020 05 5	56.5	8	A
35.0	45°	18.0	1020 12 3	57.0	6	B
	45°	18.0	1020 12 9	67.0	12	B



Części zamienne:

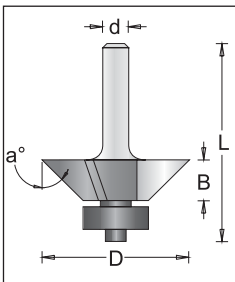


A.Łożysko  
#191 007 0  
12.7x4.7x5

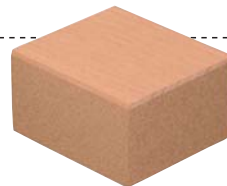


B.Łożysko  
#191 014 0  
19x6.3x7

## Frez skośny z łożyskiem, z trzema ostrzami



D	a	B	Kod	L	d
17.5	10°	10	1410 01 3	49	6
19.0	15°	10	1410 04 3	49	6
	15°	10	1410 04 5	53	8
22.2	25°	10	1410 07 3	50	6
	25°	10	1410 07 5	53	8
30.0	45°	10	1410 10 3	50	6
	45°	10	1410 10 5	53	8

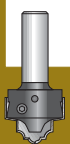


Części zamienne:



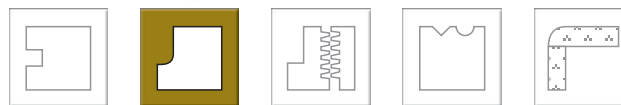
Łożysko  
#191 010 0  
5x16x5

Frezy



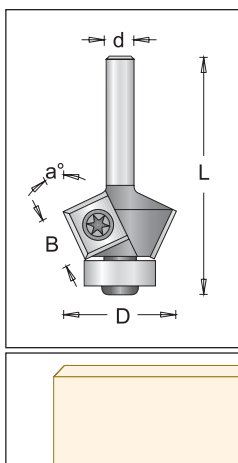


# NOVA Routing - Portable Machines

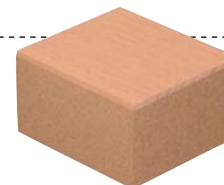


Frezy do rowkowania i fazowanie    Profilowanie i fazowanie    Frezy do łączeń i wręgowania    Frezy do kształtowania    Frezy do Corianu





## Frez skośny z łożyskiem



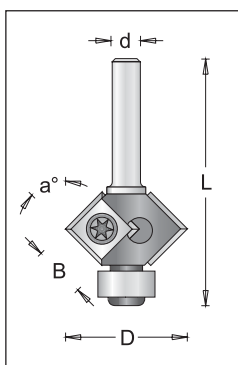
D	a	B	Kod	L	d
20	15°	12	1021 52 3	55	6
	15°	12	1021 52 5	55	8
24	25°	12	1022 52 3	55	6
	25°	12	1022 52 5	55	8
26	30°	12	1023 02 3	54	6
	30°	12	1023 02 5	54	8



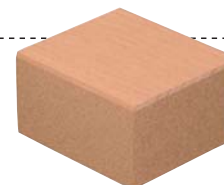
Części zamienne:

			
Płytki HM #310 121 2 12x12x1.5	Wkręt torx #193 148 2 M4x5.6	Łożysko #191 005 0 16x6.3x4.7	Klucz torx #194 101 5 T15





## Frez skośny z łożyskiem

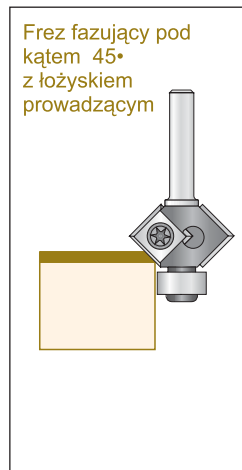


D	a	B	Kod	L	d
27	45°	12	1024 52 3	56	6
	45°	12	1024 52 5	58	8

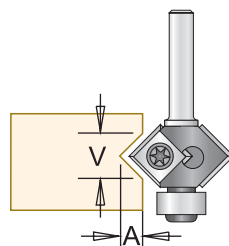


Części zamienne:

			
Płytki HM 310 121 2 12x12x1.5	Wkręt torx 193 148 2 M4x5.6	Łożysko 191 003 0 6.3x12.7x4.7	Klucz torx 194 101 5 T15



Wycinanie V-kształtnych rowków. Poprzez zakładanie odpowiednich łożysk można dopasować głębokość penetracji.



Kod	Parametry	A	V
191 003 0	1/4" x 1/2" x 3/16"	7.0mm	14.0mm
191 005 0	1/4" x 5/8" x 3/16"	5.0mm	10.0mm
191 014 0	1/4" x 3/4" x 9/32"	3.2mm	6.4mm

Frez podcinający pod kątem 45°. Łożysko z nakładką.

