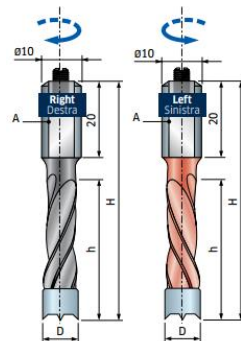


**Grąžtai nekiauryminiam gręžimui**

Serija PF07 [H 57.5 mm]

**freud.**

Nr.	Kodas	Matmenys	Mato vnt.	Kaina su PVM	Kaina be PVM
1	PF07MD AA3	D5 x h30 x H57.5, A10x20, HW, RH	vnt.	10,73 €/vnt.	8,868 €/vnt.
2	PF07MD DA3	D8 x h30 x H57.5, A10x20, HW, RH	vnt.	11,50 €/vnt.	9,504 €/vnt.
3	PF07MD FA3	D10 x h30 x H57.5, A10x20, HW, RH	vnt.	14,20 €/vnt.	11,735 €/vnt.



Serija PF07 [H 70 mm]

**freud.**

Nr.	Kodas	Matmenys	Mato vnt.	Kaina su PVM	Kaina be PVM
4	PF07MD AC3	D5 x h43 x H70, A10x20, HW, RH	vnt.	11,83 €/vnt.	9,777 €/vnt.
5	PF07MD BC3	D6 x h43 x H70, A10x20, HW, RH	vnt.	12,67 €/vnt.	10,471 €/vnt.
6	PF07MD DC3	D8 x h43 x H70, A10x20, HW, RH	vnt.	12,67 €/vnt.	10,471 €/vnt.
7	PF07MD EC3	D9 x h43 x H70, A10x20, HW, RH	vnt.	16,72 €/vnt.	13,815 €/vnt.
8	PF07MD FC3	D10 x h43 x H70, A10x20, HW, RH	vnt.	15,04 €/vnt.	12,428 €/vnt.
9	PF07MD GC3	D12 x h43 x H70, A10x20, HW, RH	vnt.	17,89 €/vnt.	14,785 €/vnt.


**Kairinio ir dešiniojo sukimosi grąžtų kainos vienodos. Užsakant nurodykite sukimosi kryptį!**

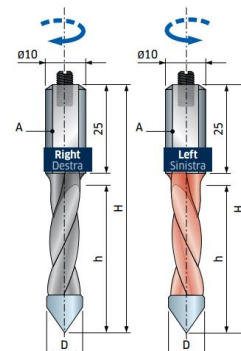
- Grąžtai yra su pilno kietmetelio viršūnėmis.
- Montuojami diaugiavėlenėse gręžimo staklėse bei CNC centruose, naudojant patronus bei adapterius.
- Tinkami įvairios medienos, laminuotos bei nelaminuotos plokštės gręžimui.
- Grąžtų išstatymą galima reguliuoti naudojant M5x10 reguliavimo varžtą.
- Kotelis su gamykloje išfrezuota tvirtinimo plokštuma.
- Pagaminta Italijoje.

**Grąžtai kiauryminiam gręžimui**

Serija PF10 [H 70 mm]

**freud.**

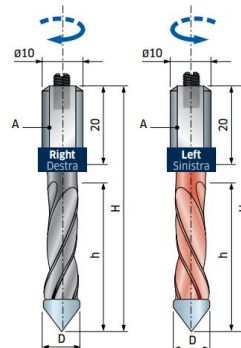
Nr.	Kodas	Matmenys	Mato vnt.	Kaina su PVM	Kaina be PVM
10	PF10MD CC3	D7 x h35 x H70, A10x25, HW, RH	vnt.	16,97 €/vnt.	14,026 €/vnt.



Serija PF11 [H 70 mm]

**freud.**

Nr.	Kodas	Matmenys	Mato vnt.	Kaina su PVM	Kaina be PVM
11	PF11MD AC3	D5 x h43 x H70, A10x20, HW, RH	vnt.	15,95 €/vnt.	13,182 €/vnt.
12	PF11MD BC3	D6 x h43 x H70, A10x20, HW, RH	vnt.	16,79 €/vnt.	13,876 €/vnt.
13	PF11MD DC3	D8 x h43 x H70, A10x20, HW, RH	vnt.	16,86 €/vnt.	13,934 €/vnt.
14	PF11MD FC3	D10 x h43 x H70, A10x20, HW, RH	vnt.	19,16 €/vnt.	15,835 €/vnt.
15	PF11MD GC3	D12 x h43 x H70, A10x20, HW, RH	vnt.	23,11 €/vnt.	19,099 €/vnt.

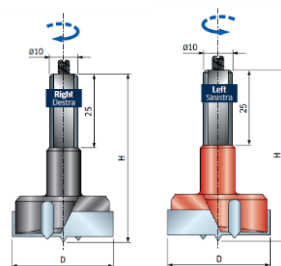

**Kairinio ir dešiniojo sukimosi grąžtų kainos vienodos. Užsakant nurodykite sukimosi kryptį!**

- Grąžtai yra su pilno kietmetelio viršūnėmis.
- Montuojami diaugiavėlenėse gręžimo staklėse bei CNC centruose, naudojant patronus bei adapterius.
- Tinkami įvairios medienos, laminuotos bei nelaminuotos plokštės gręžimui.
- Grąžtų išstatymą galima reguliuoti naudojant M5x10 reguliavimo varžtą.
- Kotelis su gamykloje išfrezuota tvirtinimo plokštuma.
- Pagaminta Italijoje.

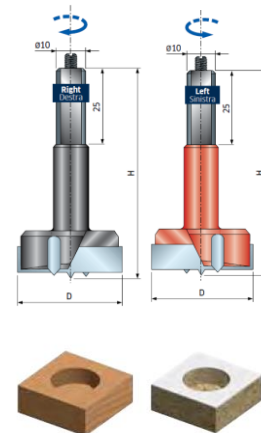


**Grąžtai lizdiniam gręžimui**
**Serija PC04 [H 57.5 mm]**
**freud.**

Nr.	Kodas	Matmenys	Mato vnt.	Kaina su PVM	Kaina be PVM
16	PC04MD 153	D15 x H57.5, A10x25, Z2+2, HW, RH	vnt.	24,93 €/vnt.	20,603 €/vnt.
17	PC04MD 163	D16 x H57.5, A10x25, Z2+2, HW, RH	vnt.	25,22 €/vnt.	20,843 €/vnt.
18	PC04MD 203	D20 x H57.5, A10x25, Z2+2, HW, RH	vnt.	27,01 €/vnt.	22,322 €/vnt.
19	PC04MD 253	D25 x H57.5, A10x25, Z2+2, HW, RH	vnt.	26,68 €/vnt.	22,049 €/vnt.
20	PC04MD 263	D26 x H57.5, A10x25, Z2+2, HW, RH	vnt.	27,38 €/vnt.	22,628 €/vnt.
21	PC04MD 303	D30 x H57.5, A10x25, Z2+2, HW, RH	vnt.	27,16 €/vnt.	22,446 €/vnt.
22	PC04MD 353	D35 x H57.5, A10x25, Z2+2, HW, RH	vnt.	27,85 €/vnt.	23,017 €/vnt.


**Serija PC05 [H 70 mm]**
**freud.**

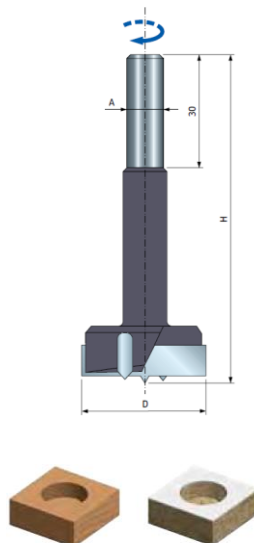
Nr.	Kodas	Matmenys	Mato vnt.	Kaina su PVM	Kaina be PVM
23	PC05MD 153	D15 x H70, A10x25, Z2+2, HW, RH	vnt.	27,92 €/vnt.	23,074 €/vnt.
24	PC05MD 163	D16 x H70, A10x25, Z2+2, HW, RH	vnt.	27,92 €/vnt.	23,074 €/vnt.
25	PC05MD 203	D20 x H70, A10x25, Z2+2, HW, RH	vnt.	30,30 €/vnt.	25,041 €/vnt.
26	PC05MD 253	D25 x H70, A10x25, Z2+2, HW, RH	vnt.	31,54 €/vnt.	26,066 €/vnt.
27	PC05MD 263	D26 x H70, A10x25, Z2+2, HW, RH	vnt.	31,54 €/vnt.	26,066 €/vnt.
28	PC05MD 303	D30 x H70, A10x25, Z2+2, HW, RH	vnt.	32,52 €/vnt.	26,876 €/vnt.
29	PC05MD 353	D35 x H70, A10x25, Z2+2, HW, RH	vnt.	31,28 €/vnt.	25,851 €/vnt.
30	PC05MD 403	D40 x H70, A10x25, Z2+2, HW, RH	vnt.	45,26 €/vnt.	37,405 €/vnt.


**Kairinio ir dešinio sukimosi grąžtų kainos vienodos. Užsakant nurodykite sukimosi kryptį!**

- Grąžtai yra su pastorintais kietmetaliu dantimis.
- Montuojami diaugiavlenėse gręžimo staklėse bei CNC centruose, naudojant patronus bei adapterius.
- Tinkami įvairios medienos, laminuotos bei nelaminuotos plokštės gręžimui.
- Grąžtų išstatymą galima reguliuoti naudojant M5x10 reguliavimo varžtą.
- Kotelis su gamykloje išfrezuota tvirtinimo plokštuma.
- Pagaminta Italijoje.

**Serija PC05 [H 90 mm]**
**freud.**

Nr.	Kodas	Matmenys	Mato vnt.	Kaina su PVM	Kaina be PVM
31	PC12MD0150	D15 x H90, A10x30, Z2+2, HW, RH	vnt.	27,23 €/vnt.	22,504 €/vnt.
32	PC12MD0160	D16 x H90, A10x30, Z2+2, HW, RH	vnt.	27,23 €/vnt.	22,504 €/vnt.
33	PC12MD0180	D18 x H90, A10x30, Z2+2, HW, RH	vnt.	28,40 €/vnt.	23,471 €/vnt.
34	PC12MD0200	D20 x H90, A10x30, Z2+2, HW, RH	vnt.	29,57 €/vnt.	24,438 €/vnt.
35	PC12MD0220	D22 x H90, A10x30, Z2+2, HW, RH	vnt.	30,30 €/vnt.	25,041 €/vnt.
36	PC12MD0250	D25 x H90, A10x30, Z2+2, HW, RH	vnt.	30,30 €/vnt.	25,041 €/vnt.
37	PC12MD0260	D26 x H90, A10x30, Z2+2, HW, RH	vnt.	31,39 €/vnt.	25,942 €/vnt.
38	PC12MD0280	D28 x H90, A10x30, Z2+2, HW, RH	vnt.	31,39 €/vnt.	25,942 €/vnt.
39	PC12MD0300	D30 x H90, A10x30, Z2+2, HW, RH	vnt.	31,83 €/vnt.	26,306 €/vnt.
40	PC12MD0320	D32 x H90, A10x30, Z2+2, HW, RH	vnt.	31,83 €/vnt.	26,306 €/vnt.
41	PC12MD0340	D34 x H90, A10x30, Z2+2, HW, RH	vnt.	33,36 €/vnt.	27,570 €/vnt.
42	PC12MD0350	D35 x H90, A10x30, Z2+2, HW, RH	vnt.	32,63 €/vnt.	26,967 €/vnt.
43	PC12MD0400	D35 x H90, A10x30, Z2+2, HW, RH	vnt.	43,07 €/vnt.	35,595 €/vnt.


**Grąžtai yra tik dešinio sukimosi.**

- Grąžtai yra su pastorintais kietmetaliu dantimis.
- Montuojami vieno veleno gręžimo staklėse.
- Tinkami įvairios medienos, laminuotos bei nelaminuotos plokštės gręžimui.
- Pagaminta Italijoje.

**Kaltavimo grąžtai**

Serija S201/S202

**freud.**

Nr.	Kodas	Matmenys	Mato vnt.	Kaina su PVM	Kaina be PVM
44	S201-080-R	D6 x L105, S13x50, RH	vnt.	17,30 €/vnt.	14,2975 €/vnt.
45	S201-100-R	D10 x L125, S13x50, RH	vnt.	17,60 €/vnt.	14,5455 €/vnt.
46	S201-120-R	D12 x L135, S13x50, RH	vnt.	18,00 €/vnt.	14,8760 €/vnt.
47	S201-140-R	D14 x L145, S13x50, RH	vnt.	18,80 €/vnt.	15,5372 €/vnt.
48	S201-160-R	D16 x L155, S13x50, RH	vnt.	20,10 €/vnt.	16,6116 €/vnt.
49	S202-180-R	D18 x L165, S16x50, RH	vnt.	27,50 €/vnt.	22,7273 €/vnt.
50	S202-200-R	D20 x L175, S16x50, RH	vnt.	31,00 €/vnt.	25,6198 €/vnt.

**Sandėliuojame tik dešiniojo sukimosi kaltavimo grąžtus, – kairiniai yra užsakomi.**

- Grąžtų dantukai pagaminti iš greitapjūvio plieno (HSS).
- Montuojami specialiose spynų įlaidų kaltavimo staklėse.
- Tinkami įvairios medienos gręžimui/frezavimui.

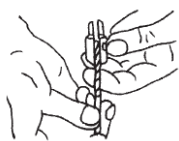
**Grąžtai konfirmatoriu**

**Klein**

Nr.	Kodas	Matmenys	Mato vnt.	Kaina su PVM	Kaina be PVM
51	R108-050-R	Grąžtas D1=5 x D2=8.5 x D3=11.5 x B25 x L100, S10, RH [pramoninis] Gamintojas – Sistemi Klein	vnt.	62,00 €/vnt.	51,2397 €/vnt.
52	R108-051-R	Keičiamas centrinis grąžtas D5 mm Gamintojas – Sistemi Klein	vnt.	16,00 €/vnt.	13,2231 €/vnt.
53	57683-6706	Grąžtas D1=5 x D2=8.5 x D3=11.5 x B25 x L100, S10, RH [DIY] Gamintojas – Markopol	vnt.	4,55 €/vnt.	3,7603 €/vnt.

**Universalus gilintuvas**
**Klein**

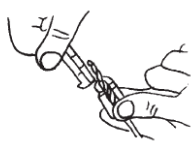
Nr.	Kodas	Matmenys	Mato vnt.	Kaina su PVM	Kaina be PVM
54	A199-030-R	D1=3/7 x D2=11/15, 45°, B12 x L32	vnt.	23,30 €/vnt.	19,2562 €/vnt.



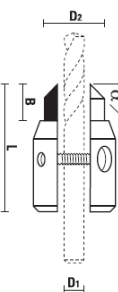
Įstatykite grąžtą



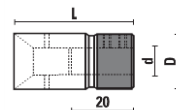
Nustatykite gylį


 Sulyginkite gilintuvo  
pjaunamąsias briaunas


Užveržkite


**Greito pakeitimo grąžtų patronai**
**Klein**

Nr.	Kodas	Matmenys	Mato vnt.	Kaina su PVM	Kaina be PVM
55	L032.100.R	d10 x D10 x L40	vnt.	16,94 €/vnt.	14,0000 €/vnt.


**Slankmačiai**

Standartiniai bei elektroniniai slankmačiai



Nr.	Kodas	Matmenys	Kaina su PVM	Kaina be PVM
–	CAL-6MP	Standartinis slankmatis 150 mm	24,08 €/vnt.	19,9000 €/vnt.
–	CALDI-6MP	Elektroninis slankmatis 150 mm	39,06 €/vnt.	32,2811 €/vnt.

