

Motor system with flexible shaft jokeFlex Premium Plus



jokeFlex Premium PLUS

- Minimised noise emission
- The most powerful joke motor of all time
- Compatible with accessories from the previous generation
- Flexible shafts with silicon hose

jokeFlex Premium Plus motor system

Our flexible shaft system for today and the future. The core is the motor with an impressive 1,000 watts power. The noise level is reduced to a pleasant level in spite of increased power. The motor can be used in a hanging or lying position. Thanks to the robust construction of the suspension and shaft connection, it is optimally equipped for a hard day's work.

The matching **joke Premium Plus handpieces** fulfill all requirements which are expected of a modern handpiece. They lie comfortably and securely in the hand, muffle vibrations effectively and tire the worker's hand over long working periods. This is achieved by the uniformly narrow handle made of special rubber which is used in all handpieces. At least equally important: the inside. And also here high tech is the key. The handpieces are very robust and have a closed double bearing inside. The result is extremely quiet-running operation. Further advantages of the Premium Plus hand-pieces: changing the tool in seconds, without pinning.

The joke Premium Plus handpieces are available in a straight design or with a 90° angle head. The handpieces are of course also available in Rapid-Change design which connects to the motor system in a second. A closer look at the angle handpiece is worth-while: the slim, almost filigree head gives you the opportunity of reaching and processing even otherwise difficult to access areas of the workpiece.



Motor system with flexible shaft jokeFlex Premium Plus



Handpiece
joke Premium Plus
Order No. 0 030 200
Collet Typ GH



Angle-handpiece
joke Premium Plus
Order No. 0 030 250
Collet Typ WH



Technical handpiece
THSZ/N
Order No. 0 030 004
Collet Typ GH



Angle-handpiece
VTN-N 90°
Order No. 0 031 341
Collet Typ WH



Angle-handpiece
VTN-S/N
Order No. 0 031 540
Collet Typ GH



Rapid-chuck handpiece
TH-M II
Order No. 0 030 640
Collet Typ TH



Hemisphere handpiece
NHG-L
Order No. 0 031 400
Collet Typ WH



Hand-filing machines
DIPROFIL®
Di-Pro FXK-N, Mark II
Order No. 0 001 503-N



Hand-filing machines
DIPROFIL®
FPK/R, Mark II
Order No. 0 005 151-N



Flexible shafts
Premium Plus

Standard motor connection
Spring clip 1.1 m
Order No. 0 015 800
Rapid-Change 1.1 m
Order No. 0 015 900

Quick-change motor connection
Spring clip 1.1 m
Order No. 0 016 800
Rapid-Change 1.1 m
Order No. 0 016 900



Motor
jokeFlex Premium Plus
Order No. 0 016 550



Foot control
Premium
Order No. 0 016 600



Suspension device,
clamp-on
Order No. 0 020 200



Quick coupling system
joke Rapid-Change
Coupling piece
Order No. 0 015 250
Connector plugs for
handpieces see from page 64!

Motor system with flexible shaft

jokeFlex Premium Plus

Premium Plus flexible shafts

The Premium Plus flexible shafts are consistently optimised to suit everyday requirements in industry. The silicone hose offers many advantages:

- utmost flexibility and suppleness
- extremely smooth running (owing to minimised vibrations)
- very quiet
- no heat generation

For connecting the handpieces, our flexible shafts offer you a choice between a spring clip and the joke Rapid-Change quick coupling system. This innovative system allows safe handpiece change in a few seconds without any „fumbling around“. Shafts with a hook spring are also available on request.

On the motor side, a choice of shafts with standard motor connection or the joke Quick-Change „premium connection“ is available.

Shaft connectors



Flexible shaft with spring clip



Flexible shaft with hook ring



Flexible shaft with Rapid-Change coupling



Motor connectors



joke Quick-Change
motor connector



Standard motor connector
(with pins)

	Motor connection	Dimensions	Order No.	Price from 1 piece
Flexible shaft with Rapid-Change coupling				
	Standard	1,100 mm	0 015 900	226.00 €
	Quick-Change	1,100 mm	0 016 900	232.00 €
Flexible shaft with spring clip				
	Standard	1,100 mm	0 015 800	197.00 €
	Quick-Change	1,100 mm	0 016 800	221.00 €


Motor system with flexible shaft jokeFlex Premium Plus

jokeFlex Premium Plus motor system


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	Order No.	Price from 1 piece
Motor jokeFlex Premium Plus		
 <p>Robust construction (shaft connection and suspension) pleasant noise level, can be used lying and hanging, compatible with foot controller Premium</p> <p>Rotational speed: max. 22,000 1/min</p> <p>Power: 1,000 W input, 700 W output</p> <p>Dimensions (H x W x D): 240 x 105 x 95 mm</p> <p>Weight: 2.1 kg</p> <p>Cable length: 2.2 m</p> <p>Shaft connection: Quick-Change</p>	0 016 550	431.00 €

↓ matching set


	Design	Order No.	Price from 1 piece
Advantage package jokeFlex Premium Plus			
 <p>This advantage package for getting started straight away includes:</p> <p>1 x motor Premium Plus (Order No. 0 016 550)</p> <p>1 x foot controller Premium (Order No. 0 016 600)</p> <p>1 x flexible shaft Premium Plus 1.1 m length (Order No. 0 016 800, for Rapid-Change Order No. 0 016 900)</p>	Rapid-Change	0 016 850R	849.00 €
	Standard	0 016 850	839.00 €

⚙️ Accessories / spare parts




	Order No.	Price from 1 pack 1 piece
Foot control Premium, Motor system with flexible shaft		
 <p>To adjust motor speed by foot action</p> <p>Speed range: 3,000 to 22,000 1/min</p> <p>Speed restriction: the potentiometer can be used to limit maximum speed to between 10,000 to 22,000 rpm</p> <p>Dimensions: Ø 190 (230 with pedal) x 200 mm</p> <p>Weight: 2 kg</p> <p>Supply voltage: 230 volts, 50 Hz</p> <p>Cable length: 2.8 m</p>	0 016 600	279.00 €
Suspension device G2, height adjustable		
 <ul style="list-style-type: none"> • Fixable to the workbench; clamping range: max. 70 mm • Height adjustable between 700 and 1,100 mm • Depth adjustable: cantilever arm adjustable by max. 300 mm • Lockable in any desired position • Colour: blue/silver 	0 020 200	170.00 €
Spring clip, Standard		
 <p>Proven steel design, pack contents: 20 pieces</p>	0 015 201	15.10 €


Handpieces

joke Premium Plus




			Type	Order No.	Price from 1 piece
Handpiece joke Premium Plus					
	Rotational speed:	max. 22,000 1/min	Standard	0 030 200	214.00 €
	Collet:	GH (Ø 3 mm in scope of delivery)	Rapid-Change	0 030 200R	234.00 €
	Dimensions:	Ø 25 x 138 mm			
	Weight:	160 g			
	Scope of delivery:	including tool set			

Accessories / spare parts

	Dimensions	Order No.	Price from	
			1 piece	3 pieces
Collets, type GH				
	Ø 2.35 mm - 3/32"	0 030 010	8.10 €	
	Ø 3 mm	0 030 013	8.10 €	
	Ø 6 mm	0 030 016	8.10 €	
Driver				
		0 030 205	33.75 €	29.75 €
Connector plug				
		0 015 285	38.05 €	34.65 €


			Type	Order No.	Price from 1 piece
Angle-Handpiece 90° joke Premium Plus					
	Rotational speed:	max. 18,000 1/min, clockwise rotation	Standard	0 030 250	348.00 €
	Collet:	WH (Ø 3 mm in scope of delivery)	Rapid-Change	0 030 250R	367.00 €
	Dimensions:	Ø 26 x 165 mm (head Ø 17 x 27 mm)			
	Weight:	170 g			
	Scope of delivery:	including tool set			

Accessories / spare parts




	Dimensions	Order No.	Price from	
			1 piece	3 pieces
Collets, type WH				
	Ø 2.35 mm - 3/32"	0 031 301	10.90 €	
	Ø 3 mm	0 031 302	10.90 €	
Driver				
		0 030 205	33.75 €	29.75 €
Connector plug				
		0 015 285	38.05 €	34.65 €


Handpieces

joke Classic-Line




			Type	Order No.	Price from 1 piece
Handpiece THSZ/N					
	Collet:	GH (Ø 3 mm in scope of delivery)	Standard	0 030 004	196.00 €
	Speed:	max. 18,000 1/min	Rapid-Change	0 030 004R	216.00 €
	Dimensions:	Ø 24 x 132 mm			
	Weight:	120 g			
	Scope of delivery:	wrench, clamping pin			

⚙️ Accessories / spare parts

	Dimensions	Order No.	Price from	
			1 piece	3 pieces
Collets, type GH				
	Ø 2.35 mm - 3/32"	0 030 010	8.10 €	
	Ø 3 mm	0 030 013	8.10 €	
	Ø 6 mm	0 030 016	8.10 €	
Driver				
		0 015 262	9.75 €	8.75 €
Connector plug				
		0 015 261-1	33.05 €	30.25 €


			Type	Order No.	Price from 1 piece
Angle-handpiece VTN-N 90°					
	70 mm telescope-type extendable angle head with 90° head adjustment, clockwise rotation		Standard	0 031 341	421.00 €
	Collet:	WH (Ø 2.35 and Ø 3 mm in scope of delivery)	Rapid-Change	0 031 341R	451.00 €
	Speed:	max. 18,000 1/min			
	Dimensions:	Ø 24 x 175 mm (head Ø 17 x 30 mm)			
	Weight:	185 g			
	Scope of delivery:	tool kit			

⚙️ Accessories / spare parts




	Dimensions	Order No.	Price from	
			1 piece	3 pieces
Collets, type WH				
	Ø 2.35 mm - 3/32"	0 031 301	10.90 €	
	Ø 3 mm	0 031 302	10.90 €	
Driver				
		0 015 264	10.15 €	9.15 €
Connector plug				
		0 015 263	31.70 €	29.15 €

Handpieces

joke Classic-Line

			Type	Order No.	Price from 1 piece
Angle-handpiece VTN-S/N					
	Collet:	GH (Ø 3 and Ø 6 mm in scope of delivery)	Standard	0 031 540	422.00 €
	Speed:	max. 18,000 1/min	Rapid-Change	0 031 540R	455.00 €
	Rotation:	clockwise			
	Dimensions:	Ø 24 x 171 mm (head Ø 24 x 40 mm)			
	Weight:	240 g			
	Scope of delivery:	tool kit			


Accessories / spare parts

	Dimensions	Order No.	Price from	
			1 piece	3 pieces
Collets, type GH				
	Ø 2.35 mm - 3/32"	0 030 010	8.10 €	
	Ø 3 mm	0 030 013	8.10 €	
	Ø 6 mm	0 030 016	8.10 €	
Driver				
		0 031 563	22.10 €	19.05 €
Connector plug				
		0 015 265	32.80 €	30.05 €



Rapid-chuck handpiece

TH-M II

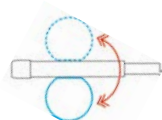
This Rapid-chuck handpiece was designed for lighter jobs involving frequent tool changes. The selected tools are clamped in using the clamping lever fitted on the top.

			Type	Order No.	Price from 1 piece
Rapid-chuck handpiece TH-M II					
	Collet:	TH (Ø 3 mm in scope of delivery)	Standard	0 030 640	143.30 €
	Speed:	max. 15,000 1/min	Rapid-Change	0 030 640R	173.00 €
	Dimensions:	Ø 21.9 x 139 mm			
	Weight:	107 g			

Accessories / spare parts


	Dimensions	Order No.	Price from	
			1 piece	3 pieces
Collets, type TH				
	Ø 2.35 mm	0 030 641	25.10 €	
	Ø 3 mm	0 030 642	25.10 €	
Driver				
		0 030 666	4.52 €	3.78 €
Connector plug				
		0 015 273	32.95 €	30.15 €

Hemisphere handpiece NHG-L






Easy change
between
right and
left-handed use!

Our special recommendation for polishing jobs (for example, when using rings for finishing). The hemisphere attached to the handle provides a fatigue-free handrest and can be adapted for either right or left-handed users.


	Type	Order No.	Price from 1 piece
Hemisphere handpiece NHG-L			
	Standard	0 031 400	520.00 €
	Rapid-Change	0 031 400R	537.00 €
Telescopically extendable angle head (70 mm), with 125° head adjustment, anticlockwise rotation Collet: WH Speed: max. 11,000 1/min Dimensions: Ø 18 x 190 mm (head Ø 18 x 30 mm) Weight: 250 g Scope of delivery: Collet Ø 3 mm, holder for ring Ø 12 mm, tool kit			

⚙️ Accessories / spare parts

	Dimensions	Order No.	Price from 1 piece	3 pieces
Collets, type WH				
	Ø 2.35 mm - 3/32"	0 031 301	10.90 €	
	Ø 3 mm	0 031 302	10.90 €	
Driver				
		0 015 256	9.45 €	8.65 €
Connector plug				
		0 015 255	35.80 €	32.80 €

Hand-filing machines


DIPROFIL® Di-Pro • FXK-N • FPK/R

			Type	Order No.	Price from 1 piece
Hand-filing machine DIPROFIL® FPK/R, Mark II					
	Stroke length:	0 - 6 mm, (recommended 0.5 - 3 mm)	Standard	0 005 151-N	930.00 €
	No. of strokes:	max. 8,000 strokes/min (5,000 - 6,000 strokes/min recommended)	Rapid-Change	0 005 151R-N	976.00 €
	Tool receptacle:	Ø 2 - 6.4 mm			
	Insertion depth:	40 mm			
	Vibration:	5.79 - 13.37 m/s²			
	Sound level:	< 70 dB(A) at 7,000 strokes/min (acc. to ISO 15744)			
	Weight:	575 g			
	Scope of delivery:	storage case, tool set, oil, extension tube/ finger protection bush, replacement friction bearing and felts, lubricating oil			

Accessories / spare parts

				Order No.	Price from 1 piece	3 pieces
Driver						
				0 015 252	33.35 €	30.55 €
Connector plug						
				0 015 251	46.05 €	42.25 €





			Type	Order No.	Price from 1 piece
Hand-filing machine DIPROFIL® Di-Pro FXK-N, Mark II					
	Stroke length:	0.5 - 6 mm (recommended 0.5 - 3 mm)	Standard	0 001 503-N	1591.00 €
	No. of strokes:	max. 7,000 strokes/min, (5,000 - 6,000 strokes/min recommended)	Rapid-Change	0 001 503R-N	1612.00 €
	Tool receptacle:	Ø 2 - 6.4 mm			
	Insertion depth:	40 mm			
	Vibration:	1.55 - 5.08 m/s²			
	Sound level:	< 75 dB(A) at 7,000 strokes/min			
	Weight:	700 g			
	Scope of delivery:	Storage case, tool set, extension tube, finger protection bush, counterweights replacement friction bearing and felts, lubricating oil			

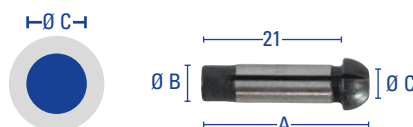
Accessories / spare parts

				Order No.	Price from 1 piece	3 pieces
Driver						
				0 015 252	33.35 €	30.55 €
Connector plug						
				0 015 251	46.05 €	42.25 €



Reducing sleeves to allow use of a smaller shaft diameter in larger collets

	Length A	Dimensions	Order No.	Price from	
				1 piece	5 pieces
Reducing bush RHB					
	28 mm	B Ø 3.0 C Ø 2.35 mm	0 545 287	16.50 €	15.05 €
Reducing bush with collar					
	25 mm	B Ø 3.0 C Ø 1.6 mm	0 010 583	18.30 €	15.20 €
		B Ø 3.0 C Ø 2.35 mm	0 010 588	18.30 €	15.20 €
		B Ø 6.0 C Ø 3.0 mm	0 545 288	7.95 €	7.35 €



More reducing bushes on request!
Other reducing bushes in 0.1 mm decrements are available!

Quick coupling system joke Rapid-Change

joke Rapid-Change


The revolution in secure, rapid handpiece changes. The joke Rapid-Change quick coupling system means you can change handpieces in just a few seconds: just pull out the old handpiece and push in the new one. Hey presto!

This system does not just optimise hand-piece changes however. It also means that you can work with joke Rapid-Change more safely and economically, because firstly, there is no longer any risk of injury from spring clips and secondly, repair costs are lower. A "Rapid-Change connection" between the hand-piece and the shaft simply lasts longer.

You can continue to use your existing hand-pieces. All you need is a conversion set and a coupling piece, which is simply fitted to the handpiece end of the flexible shaft.

When buying handpieces, you can choose between the standard design with spring clips and the version with the Rapid-Change connector.



	Order No.	Price from	
		1 piece	3 pieces
Rapid-Change coupling for jokeFlex Premium Plus			
	for mounting at the flexible shaft (handpiece end)	0 015 250	41.75 € 38.75 €

Handpiece conversion in just two steps:

