



**VK**  
**systems**

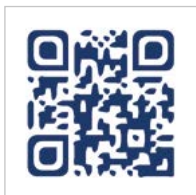
CATALOG 2018 - 2019

## PRODUCTS

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## VKS Line

All chucks of the VKS line can be used in a stationary or rotary manner. The piston is actuated via compressed air connections either on the side or in the center. VKS line has a center hole and can, on customer request, be made in large diameters up to 1200mm. For use on, for example, milling machines with pallet stations, the power chuck can be supplied with a strong spring pack (optional).

Conversion of compressed air connections, e.g. from lateral to centric, is fast and reliable. The unused connection threads only need to be sealed with two screw plugs. For rotary application, e.g. on a lathe, a rotary feedthrough (optional) must be used. In general, power chucks of the VKS line are designed for use with permanent compressed air. For stationary use, it can optionally be converted to handling compressed air guns. For this purpose, two bleed valves and two safety valves are mounted.

Included in delivery are wedge hooks base jaws with sliding blocks. Suitable top jaws from Schunk are compatible and can be procured in all variations.

Concentricity	Repeat accuracy	Run out
0,03 mm	0,01 mm	0,01mm


Application:
Milling
Turning
Grinding
Eroding
Special mechanical engineering



Pneumatic power chucks  
Stationary or rotary manner

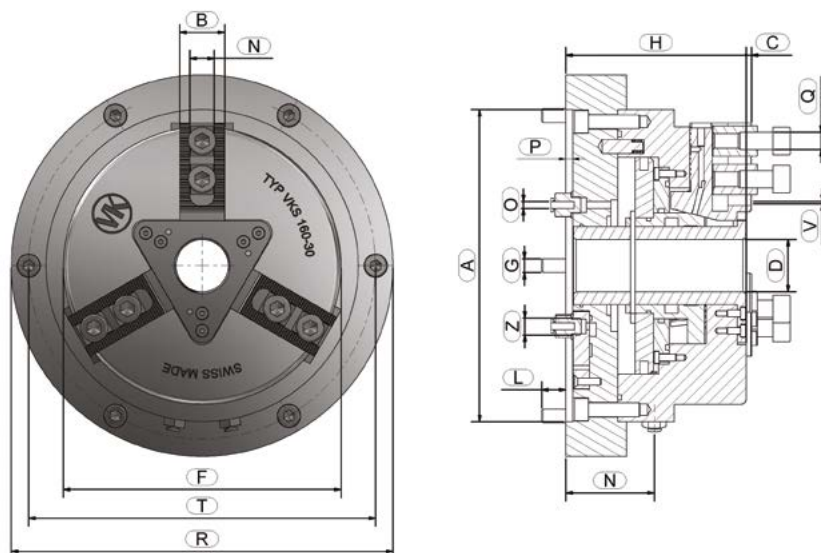




	Item	Designation	Scope of delivery
<b>3-JAW CHUCKS</b>			
	VKS.160.000	Chuck 3 VKS 160 basic	<b>Chuck 3 VKS 160 basic including screw connection, Pneumatic connections, screw plugs and base jaws</b>

**POWER CHUCKS PNEUMATIC WITH WEDGE HOOKS FOR UNIVERSAL USE**

Technical data Type VKS (3-jaw chuck)



	Size	160
A H8	Interface [mm]	180
B	Jaw width [mm]	26
C	Jaw height [mm]	3
D	Ø passage [mm]	30,2
F	Ø chuck [mm]	160
G	Mounting screws	6 × M8
H	Height chuck [mm]	104
L	Thread length [mm]	14
N H8	Width slot nut [mm]	14
P	Interface length [mm]	4
Q	Fixing sliding block	M10
R	Outside Ø [mm]	220
T	Fixing hole circle [mm]	200
V	Gearing base jaws	1/16" × 90
Z	Connection thread	G1/8"
	Concentricity [mm]	0,03
	Speed n max. [1 / min.]	2000
	Weight [kg]	18
	Tensioning force [kN]	24
	Jaw stroke [mm / Ø]	6
	max. inlet pressure [bar]	10



Swiss Made