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WIND ENERGY



# SCREW-ON MILLING CUTTER PFK

Face milling, ramp milling, bore milling

# Screw-on Milling Cutter PFK

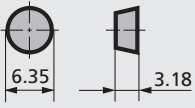
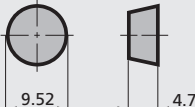
Face milling, ramp milling and bore milling with high removal rates – this is what the PFK milling cutter is made for. If there is a high work load, the PFK is in its element. The PFK is designed as a screw-on milling cutter, which works process reliably even when used in longest and rough operations. Simple and easy screw off of the milling cutter is guaranteed. The design of the milling cutter enables a very broad range of applications. The PFK screw-on milling cutter works with extremely robust RPGN cutting inserts. Those inserts are available in a big variety of high-performance cutting materials, perfect for reliable machining of components made of GG, GGG and HRSA material. These features make the PFK screw-on milling cutter a universally usable cutting system for economical machining for individual, series and mass production.



## Type: PFK with RPGN-Cutting inserts

<p>Face milling, ramp milling, bore milling</p> <p><math>v_c = 500 - 1200 \text{ m/min}</math>  <math>f_z = 0,15 - 0,30 \text{ mm}</math></p> <p><math>a_p</math> for <math>\varnothing 20 \text{ mm} = 0,3 - 2,5 \text{ mm}</math></p> <p><math>a_p</math> for <math>\varnothing \geq 25 \text{ mm} = 0,3 - 4,0 \text{ mm}</math></p> <p>6.3/  </p>	<p> Positive cutting inserts</p> <p> Stable/unstable components</p> <p> With/without cooling</p>
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Type	SPK-Order Nr.	Dimensions	
		D	t
PFK-020-03RP0600R-EMCL	771.30.000.51	20	3
PFK-025-03RP0900R-EMCL	771.30.000.61	25	3
PFK-032-04RP0900R-EMCL	771.30.000.71	32	4
PFK-040-05RP0900R-EMCL	771.30.000.81	40	5

Insert	Type	Grade	K													H	S	P	SPK-Best. Nr.												
			GJL			GJS			ADI	SI GJS		GJV																			
			EN-GJL 150	EN-GJL 200	EN-GJL 250	EN-GJL 300	EN-GJL 350	EN-GJS 400-15	EN-GJS 500-7	EN-GJS 600-3	EN-GJS 700-2	EN-GJS 800-2	EN-GJS 800-8	EN-GJS 1000-5	EN-GJS 1200-2	EN-GJS 1400-0	EN-GJS 450-18	EN-GJS 500-14	EN-GJS 600-10	EN-GJV 300	EN-GJV 350	EN-GJV 400	EN-GJV 450	EN-GJV 500	STAHL HART	HARTGUSS	KOKILLEGUSS	SPEZ. LEGIERUNG	STAHL		
<b>RPGN 06 03 T00520</b> 	RPGN 06 03 00 T00520	LKM 840	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆				◇	◇	◇											◆		23.42.334.03.2
<b>RPGN 09 04 T00520</b> 	RPGN 09 04 00 T00520	LKM 840	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆				◇	◇	◇											◆		23.42.054.03.2

ISO Anwendungsgruppe

<b>K</b> <span style="color:red">■</span> Cast Iron	<b>H</b> <span style="color:grey">■</span> Hard materials	<b>S</b> <span style="color:blue">■</span> Special alloy	<b>P</b> <span style="color:blue">■</span> Steel	Main application <span style="color:red">◆</span>	Additional application <span style="color:blue">◇</span>
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