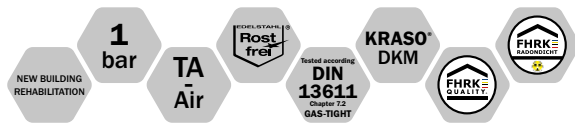


TECHNICAL DATA SHEET



KRASO® Sealing Insert Type ED

Application areas

For core drillings or casings, for installation of smooth media lines.

Technical details

- + **KRASO® Sealing Insert quality:** 5 mm thick clamping plates, a specially developed rubber mixture with even better sealing characteristics, welded-on studs instead of through bolts
- + Torque Control Nut **KRASO® DKM**: integrated torque limiter - no torque wrench required!
- + Tested gas-tight according to DIN EN 13611 (chapter 7.12) proven by the DVGW research centre at the Engler-Bunte-Institute (EBI) of the Institute for Technology in Karlsruhe
- + Gas- and odour-tight – high-quality in terms of TA-Air!
- + Certified with the quality seal of the FHRK e. V.

Tests

- + Radon tightness IAF tested - meets the requirements for radon precautionary areas according to FHRK leaflet MB 101
- + MPA-tested: gas- and water pressure tight up to 1 bar
- + DafStB waterproof concrete guideline: stress class 1 + 2



Material

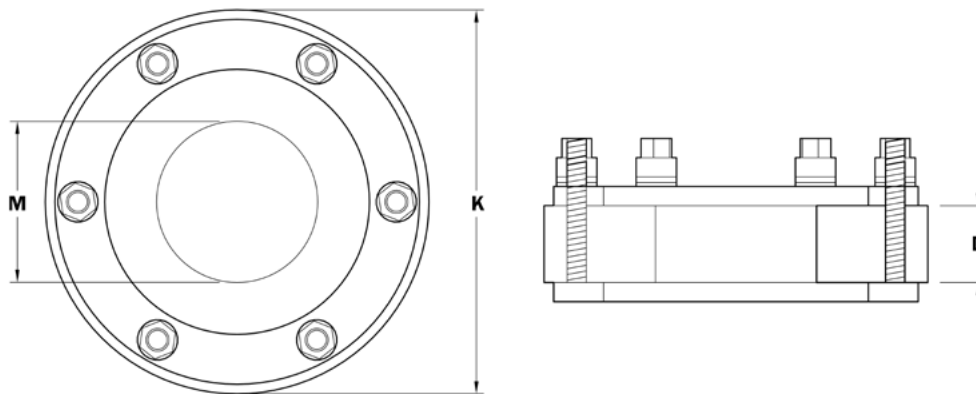
Clamping plates*	non-corrosive stainless steel V2A
Bolts*	non-corrosive stainless steel V2A
Washers*	non-corrosive stainless steel V2A
Nuts	Torque Control Nut KRASO® DKM
Seal	EPDM 50° +/-5° Shore

*Qualities available on request: non-corrosive stainless steel V4A

TECHNICAL DATA SHEET

KRASO® Sealing Insert Type ED

Technical drawing



K = core drilling | **M** = media line | **D** = seal

Item

Sealing Insert Type ED				
	K (mm)	80 Clamping range: 79 - 83 mm		
	D (mm)	20		
	M (mm)	25 Clamping range: 20 - 26 mm	32 Clamping range: 29 - 35 mm	43 Clamping range: 38 - 44 mm
	Weight (kg)	0.4	0.4	0.4
	Item no.	KDI080ED022	KDI080ED032	KDI080ED040
	K (mm)	100 Clamping range: 99 - 103 mm		
	D (mm)	20		
	M (mm)	32 Clamping range: 29 - 35 mm	43 Clamping range: 38 - 44 mm	50 Clamping range: 45 - 51 mm
	Weight (kg)	0.5	0.5	0.5
	Item no.	KDI100ED032	KDI100ED040	KDI100ED048
				KDI100ED060

TECHNICAL DATA SHEET

KRASO® Sealing Insert Type ED

Item

Sealing Insert Type ED	K (mm) Clamping range: 124 - 128 mm					
	D (mm) 20					
	M (mm) 63 Clamping range: 58 - 64 mm		75 Clamping range: 72 - 78 mm		80 Clamping range: 75 - 81 mm	
	Weight (kg) 0.8		0.8		0.8	
	Item no. KDI125ED060		KDI125ED075		KDI125ED078	
		K (mm) Clamping range: 149 - 153 mm				
D (mm) 20						
M (mm) 75 Clamping range: 70 - 76 mm		80 Clamping range: 75 - 81 mm		90 Clamping range: 85 - 91 mm		
Weight (kg) 1.0		1.0		0.9		
Item no. KDI150ED075		KDI150ED078		KDI150ED088		
		K (mm) Clamping range: 198 - 203 mm				
	D (mm) 20					
	M (mm) 110 Clamping range: 105-111 mm		114 Clamping range: 113 - 119 mm		125 Clamping range: 120 - 125 mm	
	Weight (kg) 2.0		1.9		1.2	
	Item no. KDI200ED108		KDI200ED114		KDI200ED123	
		K (mm) Clamping range: 248 - 253 mm				
D (mm) 20						
M (mm) 160 Clamping range: 156-162 mm		170 Clamping range: 165 - 171 mm		180 Clamping range: 176 - 182 mm		
Weight (kg) 2.7		2.6		1.8		
Item no. KDI250ED158		KDI250ED168		KDI250ED177		
		K (mm) Clamping range: 248 - 253 mm				
	D (mm) 20					
	M (mm) 160 Clamping range: 156-162 mm		170 Clamping range: 165 - 171 mm		180 Clamping range: 176 - 182 mm	
	Weight (kg) 2.7		2.6		1.8	
	Item no. KDI250ED158		KDI250ED168		KDI250ED177	
		K (mm) Clamping range: 248 - 253 mm				
D (mm) 20						
M (mm) 160 Clamping range: 156-162 mm		170 Clamping range: 165 - 171 mm		180 Clamping range: 176 - 182 mm		
Weight (kg) 2.7		2.6		1.8		
Item no. KDI250ED158		KDI250ED168		KDI250ED177		
		K (mm) Clamping range: 248 - 253 mm				
	D (mm) 20					
	M (mm) 160 Clamping range: 156-162 mm		170 Clamping range: 165 - 171 mm		180 Clamping range: 176 - 182 mm	
	Weight (kg) 2.7		2.6		1.8	
	Item no. KDI250ED158		KDI250ED168		KDI250ED177	
		K (mm) Clamping range: 248 - 253 mm				
D (mm) 20						
M (mm) 160 Clamping range: 156-162 mm		170 Clamping range: 165 - 171 mm		180 Clamping range: 176 - 182 mm		
Weight (kg) 2.7		2.6		1.8		
Item no. KDI250ED158		KDI250ED168		KDI250ED177		
		K (mm) Clamping range: 248 - 253 mm				
	D (mm) 20					
	M (mm) 160 Clamping range: 156-162 mm		170 Clamping range: 165 - 171 mm		180 Clamping range: 176 - 182 mm	
	Weight (kg) 2.7		2.6		1.8	
	Item no. KDI250ED158		KDI250ED168		KDI250ED177	
		K (mm) Clamping range: 248 - 253 mm				
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Weight (kg) 2.7		2.6		1.8		
Item no. KDI250ED158		KDI250ED168		KDI250ED177		
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	Item no. KDI250ED158		KDI250ED168		KDI250ED177	
		K (mm) Clamping range: 248 - 253 mm				
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Weight (kg) 2.7		2.6		1.8		
Item no. KDI250ED158		KDI250ED168		KDI250ED177		
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	Weight (kg) 2.7		2.6		1.8	
	Item no. KDI250ED158		KDI250ED168		KDI250ED177	
		K (mm) Clamping range: 248 - 253 mm				
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Weight (kg) 2.7		2.6		1.8		
Item no. KDI250ED158		KDI250ED168		KDI250ED177		
		K (mm) Clamping range: 248 - 253 mm				
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	Weight (kg) 2.7		2.6		1.8	
	Item no. KDI250ED158		KDI250ED168		KDI250ED177	
		K (mm) Clamping range: 248 - 253 mm				
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	Item no. KDI250ED158		KDI250ED168		KDI250ED177	
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	Item no. KDI250ED158		KDI250ED168		KDI250ED177	
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	Weight (kg) 2.7		2.6		1.8	
	Item no. KDI250ED158		KDI250ED168		KDI250ED177	
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	Weight (kg) 2.7		2.6		1.8	
	Item no. KDI250ED158		KDI250ED168		KDI250ED177	
		K (mm) Clamping range: 248 - 253 mm				
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	Item no. KDI250ED158		KDI250ED168		KDI250ED177	
		K (mm) Clamping range: 248 - 253 mm				
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		K (mm) Clamping range: 248 - 253 mm				
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		K (mm) Clamping range: 248 - 253 mm				
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	Weight (kg) 2.7		2.6		1.8	
	Item no. KDI250ED158		KDI250ED168		KDI250ED177	
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D (mm) 20						
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	Weight (kg) 2.7		2.6		1.8	
	Item no. KDI250ED158		KDI250ED168		KDI250ED177	
		K (mm) Clamping range: 248 - 253 mm				
D (mm) 20						
M (mm) 160 Clamping range: 156-162 mm		170 Clamping range: 165 - 171 mm		180 Clamping range: 176 - 182 mm		
Weight (kg) 2.7		2.6		1.8		
Item no. KDI250ED158		KDI250ED168		KDI250ED177		
		K (mm) Clamping range: 248 - 253 mm				
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	Weight (kg) 2.7		2.6		1.8	
	Item no. KDI250ED158		KDI250ED168		KDI250ED177	
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	Weight (kg) 2.7		2.6		1.8	
	Item no. KDI250ED158		KDI250ED168		KDI250ED177	
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D (mm) 20						
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	Weight (kg) 2.7		2.6		1.8	
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D (mm) 20						
M (mm) 160 Clamping range: 156-162 mm		170 Clamping range: 165 - 171 mm		180 Clamping range: 176 - 182 mm		
Weight (kg) 2.7		2.6		1.8		
Item no. KDI250ED158		KDI250ED168		KDI250ED177		
		K (mm) Clamping range: 248 - 253 mm				
	D (mm) 20					
	M (mm) 160 					

TECHNICAL DATA SHEET

KRASO® Sealing Insert Type ED

Item

Sealing Insert Type ED	300 Clamping range: 298 - 303 mm															
	K (mm)															
	D (mm)															
	200 Clamping range: 196 - 202 mm		210 Clamping range: 206 - 212 mm		219 Clamping range: 215 - 221 mm		225 Clamping range: 221 - 227 mm		250 Clamping range: 246 - 252 mm							
	Weight (kg)		3.4		3.2		2.3		2.6		2.0					
	Item no.		KDI300ED200		KDI300ED210		KDI300ED219		KDI300ED225		KDI300ED250					
	350 Spannbereich: 348 - 353 mm															
	K (mm)															
	D (mm)															
	200 Clamping range: 196 - 202 mm		210 Clamping range: 206 - 212 mm		219 Clamping range: 215 - 221 mm		225 Clamping range: 221 - 227 mm		250 Clamping range: 246 - 252 mm		273 Clamping range: 269 - 275 mm		280 Clamping range: 276 - 282 mm			
	Weight (kg)		4.7		4.8		4.5		4.6		4.4		3.2		3.1	
	Item no.		KDI350 ED200		KDI350 ED210		KDI350 ED219		KDI350 ED225		KDI350 ED250		KDI350 ED273		KDI350 ED280	
	400 Clamping range: 398 - 403 mm															
	K (mm)															
	D (mm)															
	273 Clamping range: 269 - 275 mm		280 Clamping range: 276 - 282 mm		315 Clamping range: 311 - 317 mm		326 Clamping range: 322 - 328 mm									
	Weight (kg)		4.4		4.2		4.0		3.7							
	Item no.		KDI400ED273		KDI400ED280		KDI400ED315		KDI400ED326							
	500 Clamping range: 497 - 503 mm															
	K (mm)															
	D (mm)															
	400 Clamping range: 397 - 402 mm				429 Clamping range: 426 - 431 mm				450 Clamping range: 447 - 452 mm							
	Weight (kg)		6.5				3.6				3.2					
	Item no.		KDI500ED400				KDI500ED429				KDI500ED450					