

FEDEX VAK

Spot feeder concept

VESUVIUS



Benefits

of the new spot feeder concept



+ Proven compressor core technology

- + Minimum footprint
- + Small contact area
- + Optimum moulding sand compaction beneath the sleeve
- + Constant feeder volume
- + Easy knock-off
- + Minimum or no fettling work

+ Optimised feed performance

- + Most of the compressor core is superheated by the highly exothermic sleeve material
- + 50% less of the compressor core surface area is in contact with the moulding sand (compared to VSK - sleeves)
- + With the new fix-lock system core gluing is no longer required



[Click here to view animation & video](#)

Sample applications

FEEDEX VAK sleeve is used in applications where the smallest footprint and contact area is required.

Knock-off result



Feeder / Feeder neck surface



Knock-off surface on casting



Functional principle

FEEDEX VAK sleeve before and after compaction

BEFORE



AFTER



VAK compressor core before and after compaction

BEFORE



AFTER



FEEDEX VAK sleeve with feeder stub

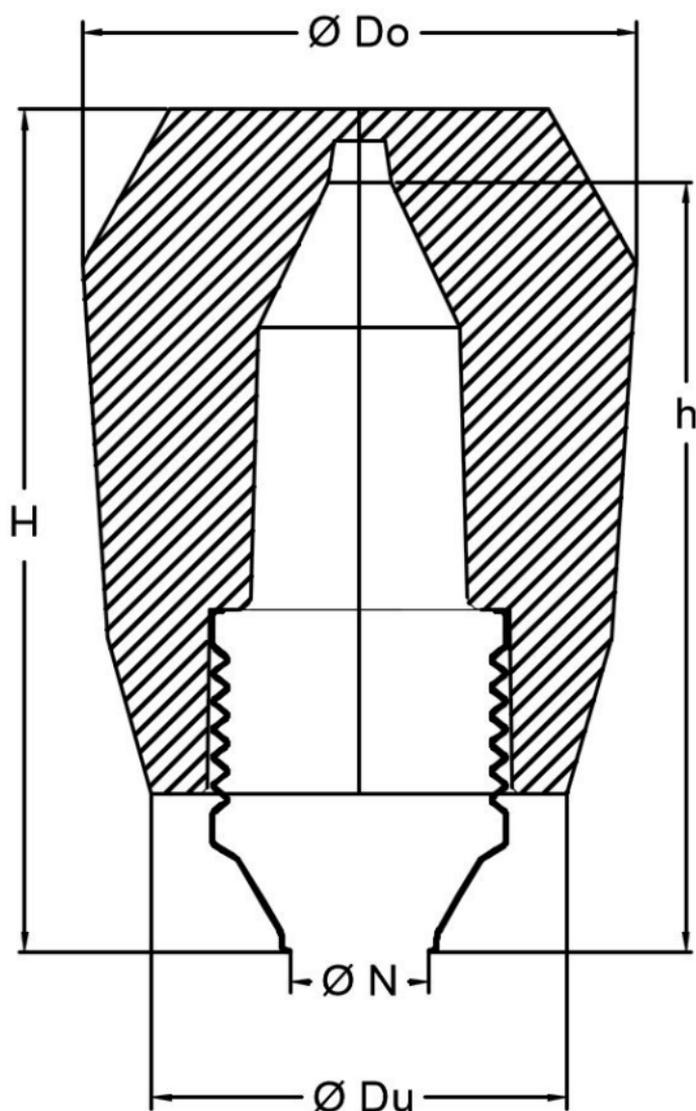


Product portfolio

The FEEDEX VAK feeder sleeve range is based on the proven V-type product line. The sleeve types listed in the table represent already tested and available sleeve sizes. Further sleeve sizes can be made available on request.

> FEEDEX VAK .../61 types for standard moulding pressures

> FEEDEX VAK .../62 types for extreme moulding pressures



FEEDEX VAK .../61 types for standard moulding pressures

Type	Modulus [cm]	Nominal dimensions (mm)					Vol. [dm ³]	Pieces/ Pallet
		Du	Do	h	H	N		
VAK 22/61	1.20	48	68	90	105	19	0.022	1536
VAK 56/61	1.40	70	87	110	122	22	0.053	672
VAK 88/61	1.70	66	88	123	135	22	0.078	672
VAK 121/61	1.90	66	104	124	139	22	0.100	480
VAK 159/61	2.20	82	115	126	150	22	0.134	300
VAK 191/61	2.50	90	133	146	170	22	0.179	220
VAK 267/61	2.70	100	120	119	130	25	0.230	336
VAK 276/61	2.70	100	136	143	167	25	0.240	220
VAK 339/61	3.20	98	133	140	173	25	0.240	220

FEEDEX VAK .../62 types for extreme moulding pressures

Type	Modulus [cm]	Nominal dimensions (mm)					Vol. [dm ³]	Pieces/ Pallet
		Du	Do	h	H	N		
VAK 56/62	1.40	70	87	110	132	22	0.053	672
VAK 88/62	1.70	66	88	133	145	22	0.078	672
VAK 121/62	1.90	66	104	134	149	22	0.100	480
VAK 159/62	2.20	82	115	136	160	22	0.134	300
VAK 191/62	2.50	90	133	156	180	22	0.179	220



Do you have further questions regarding the new spot feeder concept? Please contact us.

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