

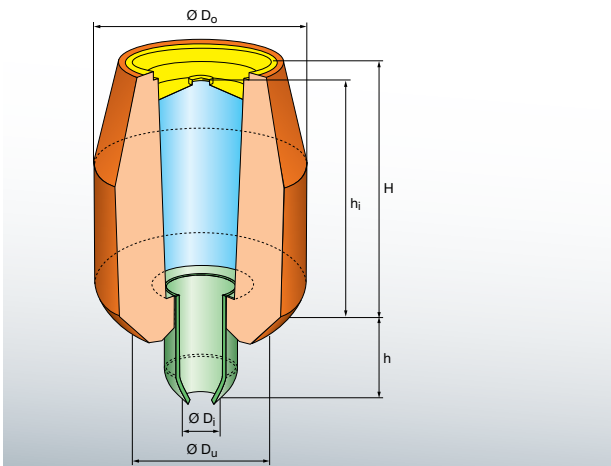


# EXACTCAST OPTIMA KMV-CC (EX / EXF)

Cold Box bonded, highly exothermic, fiber-free risers for iron and cast steel



## Riser Types & Dimensions



- Ideally suited to high-pressure molding machines
- Precisely defined notches as predetermined breakage points without the use of breaker cores
- Patented cap keeps inclusions and exothermic material out of the mold

EXACTCAST OPTIMA KMV-CC are available in the following dimensions and packaging:

Type	Module	Riser capacity	Riser dimensions						Packaging
			exoth. cm	Volume dm <sup>3</sup>	Ø D <sub>o</sub> mm	Ø D <sub>u</sub> mm	Ø D <sub>i</sub> mm	H mm	
KMV – 40 Q 15 CC	1.30	0.040	76	40	15	100	93	35	1,620
KMV – 70 Q 20 CC	1.60	0.070	84	50	20	90	80	35	1,320
KMV – 88 Q 20 CC	1.70	0.088	84	50	20	122	112	35	952
KMV – 121 Q 20-CC	1.90	0.121	98	55	20	128	113	35	672
KMV – 159 Q 20-CC	2.20	0.159	115	66	20	120	113	35	504
KMV – 238 Q 30 CC	2.20	0.238	115	66	30	120	117	35	504
KMV – 238 Q 25 CC	2.20	0.238	115	66	25	120	117	35	504
KMV – 339 Q 30 CC	2.80	0.339	120	70	30	145	142	35	432
KMV – 339 B Q 30 CC	3.20	0.339	140	90	30	145	142	35	256
KMV – 590 Q 30 CC	3.80	0.590	142	75	30	150	149	40	12
KMV – 780 Q 30 CC	4.20	0.780	170	120	30	205	204	40	8



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## Technical & Ecological Advantages

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- Extremely lightweight
- Very small contact area
- No contact between casting and exothermic material
- Minimizes fettling and blasting costs
- Additional high insulation effect
- Available in fluorine-free (EXF) and low-fluorine (EX) formulations
- Reduced graphite degradation with fluorine-free mini-riser types
- By using fluorine-free risers, the sand system is free from fluorine contamination
- For use with spring pin or rigid pin

## Product Storage Conditions

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- 36 months (if stored in dry conditions and intact original packaging)
- Protect from moisture
- Keep away from open flames and other ignition sources
- Read the Material Safety Data Sheet.