

## Adjustable Valve Guide Reamers Type V

### Application

The special reamer for reaming the valve guide of engines.

The optional centering bush fits in the valve seat so that the reamer aligns perfectly in the valve guide.

### Description

Right-hand cutting reamer with extra long shank and an optional centering bush.

Due to the unique Hunger relief grinding operation the blades have a progressively increasing clearance angle giving a softer cutting action.



Reamers							Centering Bush		
Size	Size Range		Length Overall L1 mm	Length Blades L 2 mm	Size of Square a mm	No. of Blades	Weight kg	Conicity mm	Weight kg
	mm	Inches							
V 5,4	5,4 - 6	7/32 - 15/64	160	28	4	3	0,025	14-21	0,030
V 5,9	5,9 - 6,5	15/64 - 1/4	160	28	4,3	3	0,030	17-28	0,050
V 6,4	6,4 - 7	1/4 - 17/64	160	28	4,9	3	0,035	16-28	0,050
V 6,9	6,9 - 7,5	17/64 - 19/64	160	28	5,5	3	0,040	21-38	0,070
V 7,4	7,4 - 8	19/64 - 5/16	165	28	5,5	3	0,045	22-36	0,065
V 7,9	7,9 - 8,5	5/16 - 21/64	170	28	6,2	3	0,055	23-47	0,150
V 8,4	8,4 - 9	21/64 - 23/64	175	28	6,2	3	0,065	28-44	0,155
V 8,9	8,9 - 9,5	23/64 - 3/8	180	32	7	4	0,075	25-53	0,190
V 9,4	9,4 - 10	3/8 - 25/64	190	32	7	4	0,085	26-52	0,180
V 9,9	9,9 - 11	25/64 - 7/16	200	36	8	5	0,100	25-53	0,190
V10,9	10,9 - 12	7/16 - 15/32	220	36	8	5	0,130	33-61	0,270

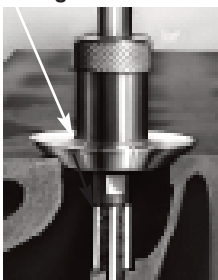
### Ordering Information

The production of reamers with hard chrome coated blades and of hard chrome coated replacement blades has been discontinued.

Remaining stocks of almost all reamer sizes are still available while stocks last.

Size	Reamers		Centering Bushes Part No.	Replacement Blades		Nuts Part No.
	Special Steel Part No.	Hard Chrome Part No.		Special Steel Part No.	Hard Chrome Part No.	
V 5,4	140 01 000	141 01 000	140 01 600	140 01 400	141 01 400	140 01 510
V 5,9	140 02 000	141 02 000	140 02 600	140 02 400	141 02 400	140 02 510
V 6,4	140 03 000	141 03 000	140 03 600	140 03 400	141 03 400	140 03 510
V 6,9	140 04 000	141 04 000	140 04 600	140 04 400	141 04 400	140 04 510
V 7,4	140 05 000	141 05 000	140 05 600	140 05 400	141 05 400	140 05 510
V 7,9	140 06 000	141 06 000	140 06 600	140 06 400	141 06 400	100 08 510
V 8,4	140 07 000	141 07 000	140 07 600	140 07 400	141 07 400	140 07 510
V 8,9	140 08 000	141 08 000	140 08 600	140 08 400	141 08 400	140 08 510
V 9,4	140 09 000	141 09 000	140 09 600	140 09 400	141 09 400	140 09 510
V 9,9	140 10 000	141 10 000	140 10 600	140 10 400	141 10 400	140 10 510
V10,9	140 11 000	141 11 000	140 11 600	140 11 400	141 11 400	140 11 510

Centering Bush



Packing of the reamers: Individually in clear plastic tube containers.

### Sets of Reamers Type V in Wooden Cases

Symbol	Size Range		No. of Reamers	No. of Bushes	Special Steel Part No.	Hard Chrome Part No.	Weight kg
	mm	Inches					
VR	5,9 - 12	15/64 - 15/32	10	-	140 00 100	141 00 100	1,140
VRB	5,9 - 12	15/64 - 15/32	10	10	140 00 200	141 00 200	3,500

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