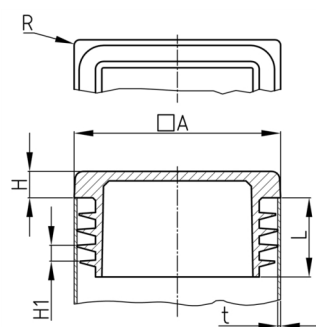


### Product Group VL/Q

Lamella plugs for square tubes ("+" = differing standard colours possible)

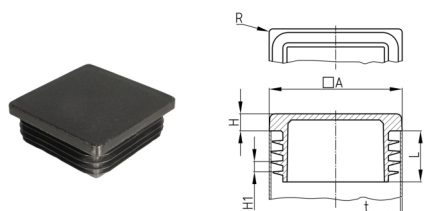


#### Standard Colours

- black RAL 9005
- signal white RAL 9003
- traffic grey A RAL 7042

#### Material

- Polyethylene (PE)



### Product information

- Lamellar plugs without specification of the pipe wall thickness are generally suitable for pipe wall thicknesses 1.5 - 2 mm. Please indicate the pipe wall thickness when ordering.
- The plugs are intended for use in pipes or equivalent bores with free passage corresponding to the clear nominal width of at least shaft length.
- For technical production reasons, a residual sprue may exceed the shaft length.
- Material and design of shafts guaranteed stop against drop out and easy assembling.
- For use as a glides (conditional shear strength) and to attain an easy assembling in tubes with larger wall thickness, it is recommended to chamfer the inside diameter of the pipe (approx. 0.3 - 0.5 x 60°).
- Depending on the selected article, the surface finish can vary between polished and eroded.
- The ribs are circularly closed or interrupted.
- The ribs are not suitable for sealing against fluids.
- The number of slats per plug varies between 2-4 slats.
- „+“ = differing standard colours possible
- Your searched size / design is not included? - Please ask our sales team!
- As a rule, odd outside pipe diameters rounded to 1/10 mm (as part of the article or order number) indicate that these sizes originate from or are common in the Imperial system.

### Product options on inquiry

- Special colours (colours, minimum quantities, set-up costs, pricing and surcharges)
- With your engraved company logo (tooling costs, minimum quantities, set-up costs)
- With your tampon printed company logo (set-up costs, minimum quantities, printing costs)
- Most plugs can also be made of suitable harder TPE's (TPE= thermoplastic elastomer --> extended range of operating temperature, noise absorbing, non-skid).

| Order Number         | A    | H  | H1 | L    | R  | t       |
|----------------------|------|----|----|------|----|---------|
|                      | mm   | mm | mm | mm   | mm | mm      |
| VL 13x13x0,5-2       | 13   | 4  | 3  | 11,5 |    | 0,5-2   |
| VL 15x15x0,8-2       | 15   | 3  | 3  | 11,5 |    | 0,8-2   |
| VL 16x16x0,8-2       | 16   | 5  | 3  | 11,5 |    | 0,8-2   |
| VL 18x18x1,5-3       | 18   | 5  | 3  | 11,5 |    | 1,5-3   |
| VL 19,1x19,1x1,2-2,9 | 19,1 | 5  | 3  | 11,5 |    | 1,2-2,9 |
| VL 20x20x0,8-3       | 20   | 5  | 3  | 11,5 |    | 0,8-3   |
| VL 22x22x0,8-3(3,5)  | 22   | 5  | 3  | 11,5 |    | 1-3,5   |
| VL 25x25x1-3         | 25   | 5  | 3  | 11,5 |    | 1-3     |



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| Order Number           | A     | H   | H1  | L    | R   | t       |
|------------------------|-------|-----|-----|------|-----|---------|
|                        | mm    | mm  | mm  | mm   | mm  | mm      |
| VL 25,4x25,4x1,2-3,2   | 25,4  | 5   | 3   | 11,5 |     | 1,2-3,2 |
| VL 28x28x1-3           | 28    | 5   | 3   | 11,5 |     | 1-3     |
| VL 30x30x1-2,5         | 30    | 5   | 3   | 11,5 |     | 1-2,5   |
| VL 30x30x2,5-5         | 30    | 5   | 3   | 11,5 |     | 2,5-5   |
| VL 32x32x1-3,5         | 32    | 5   | 3   | 11,5 |     | 1-3,5   |
| VL 34x34x1-3           | 34    | 5   | 3   | 14,5 |     | 1-3     |
| VL 35x35x 0,8-3        | 35    | 5   | 3   | 14,5 |     | 0,8-3   |
| VL 35x35x3-5           | 35    | 5   | 3   | 14,5 |     | 3-5     |
| VL 38x38x1-3,5         | 38    | 5   | 3   | 14,5 |     | 1-3,5   |
| VL 40x40x1-3           | 40    | 5   | 3   | 14,5 | 2   | 1-3     |
| VL 40x40x3-5           | 40    | 5   | 3   | 14,5 | 2   | 3-5     |
| VL 45x45x1-3           | 45    | 5   | 3   | 14,5 | 2   | 1-3     |
| VL 45x45x3-5           | 45    | 5   | 3   | 14,5 | 2   | 3-5     |
| VL 48x48x2,5-4,5       | 48    | 5   | 3   | 14,5 | 2   | 2,5-4,5 |
| VL 50x50x0,8-3         | 50    | 5   | 3   | 14,5 | 2,5 | 0,8-3   |
| + VL 50x50x2,6-4       | 50    | 6,5 | 6,5 | 24,5 | 2,5 | 2,6-4   |
| VL 50x50x3-5           | 50    | 5   | 3   | 14,5 | 2,5 | 3-5     |
| VL 50,8x50,8x1,2-3,2   | 50,8  | 5   | 3   | 14,5 | 2,5 | 1,2-3,2 |
| VL 52x52x1,5-3,5       | 52    | 5   | 3   | 14,5 | 2,5 | 1,5-3,5 |
| VL 55x55x2-4           | 55    | 5   | 3   | 14,5 | 2,5 | 2-4     |
| VL 60x60x1,5-4         | 60    | 5   | 4,5 | 21   | 6   | 1,5-4   |
| + VL 60x60x2,6-4       | 60    | 6,5 | 6   | 17,5 | 5   | 2,6-4   |
| VL 60x60x4-6           | 60    | 5   | 3   | 21   | 6   | 4-6     |
| VL 65x65x2-4,5         | 65    | 5   | 3   | 21   | 6   | 2-4,5   |
| VL 65x65x4-6,5 R12     | 65    | 5   | 4,5 | 21   | 12  | 4-6,5   |
| + VL 70x70x2-4         | 70    | 5   | 4   | 18,7 | 4   | 2-4     |
| VL 70x70x2-4,5         | 70    | 5   | 5   | 18,7 | 6   | 2-4,5   |
| + VL 70x70x3,6-5       | 70    | 8   | 6   | 20   | 6   | 3,6-5   |
| VL 75x75x2-4,5         | 75    | 6   | 4,5 | 21   | 6   | 2-4,5   |
| VL 75x75x4-6,5 R12     | 75    | 6   | 4,5 | 21   | 12  | 4-6,5   |
| VL 76,2x76,2x2,5-5     | 76,2  | 6   | 4,5 | 21   | 6   | 2,5-5   |
| VL 80x80x2-4,5         | 80    | 6   | 4,5 | 21   | 6   | 2-4,5   |
| VL 80x80x4-7           | 80    | 6   | 4,5 | 21   | 6   | 4-7     |
| + VL 80x80x2,9-5       | 80    | 8   | 4   | 24   | 5   | 2,9-5   |
| VL 88,9x88,9x2-4       | 88,9  | 6   | 5   | 21   | 6   | 2-4     |
| VL 90x90x3-5           | 90    | 6   | 4,5 | 21   | 6   | 3-5     |
| VL 90x90x4,5-7x R12    | 90    | 6   | 4,5 | 21   | 12  | 4,5-7   |
| VL 95x95x3,5-5,5       | 95    | 6   | 4   | 21   | 6   | 3,5-5,5 |
| + VL 100x100x1-4       | 100   | 7   | 7   | 24   | 7,5 | 1-4     |
| + VL 100x100x5-8       | 100   | 7   | 8,5 | 24   | 7,5 | 5-8     |
| VL 101,6x101,6x2,5-5,5 | 101,6 | 6   | 5   | 24   | 6   | 2,5-5,5 |
| VL 110x110x3-5         | 110   | 6   | 4,5 | 24,5 | 6   | 3-5     |
| VL 114,3x114,3x2,5-5,5 | 114,3 | 6   | 5   | 24   | 6   | 2,5-5,5 |
| + VL 120x120x2,5-5     | 120   | 5   |     | 25   | 7,5 | 2,5-5   |
| VL 125x125x3-6         | 125   | 6   | 4,5 | 24,5 | 6   | 3-6     |
| VL 140x140x4-7         | 140   | 6   | 6   | 35   | 12  | 4-7     |
| + VL 150x150x5-8       | 150   | 7   | 8   | 27   | 12  | 5-8     |



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| Order Number         | A   | H  | H1 | L  | R  | t       |
|----------------------|-----|----|----|----|----|---------|
|                      | mm  | mm | mm | mm | mm | mm      |
| + VL 150x150x10-12,5 | 150 | 7  | 8  | 27 | 12 | 10-12,5 |
| + VL 160 x 160 x 3-6 | 160 | 6  | 6  | 35 | 12 | 3-6     |
| + VL 180 x 180 x 3-6 | 180 | 6  | 6  | 35 | 12 | 3-6     |
| + VL 200 x 200 x 3-7 | 200 | 6  | 6  | 35 | 12 | 3-7     |