

## MATERIAL

High-resilience polypropylene based (PP) technopolymer, black colour, matte finish.

VCT.25: glass-fibre reinforced polyamide based (PA) technopolymer, black colour, matte finish.

## BOSS CAP

- CA.VCT: polypropylene-based (PP) technopolymer, in Elecolors colours, matte finish, press-fit assembly. Supplied. Not available for VCT.25.

Available also as accessory sold separately (see table).

## STANDARD EXECUTIONS

- **VCT-A**: black-oxide steel boss, plain blind hole.
- **VCT-B**: brass boss, threaded blind hole (VCT.25 - 95) or threaded pass-through hole (VCT.32 - 40 - 50 - 63 - 74 - 84).
- **VCT-AZ**: zinc-plated steel boss, threaded pass-through hole.
- **VCT-SST**: AISI 303 stainless steel boss, threaded blind hole (VCT.25) or threaded pass-through hole (VCT.32 - 40 - 50 - 63 - 74 - 84).
- **VCT.FP**: brass boss, threaded pass-through hole, without cap.
- **VCT-AZ-FP**: zinc-plated steel boss, threaded pass-through hole, without cap.
- **VCT-SST-FP**: AISI 303 stainless steel boss, threaded pass-through hole, without cap.
- **VCT-p**: zinc-plated steel threaded stud, chamfered flat end according to UNI 947 : ISO 4753 (see Technical data on page A-11).
- **VCT-SST-p**: AISI 303 stainless steel threaded stud, chamfered flat end according to UNI 947 : ISO 4753 (see Technical data on page A-11).

## ACCESSORIES ON REQUEST

- CA.VCT: polypropylene-based (PP) technopolymer boss cap, in Elecolors colours, matte finish, press-fit assembly, not available for VCT.25 (see table). For sufficient quantities, it can be supplied in other colours or with customised graphic symbols, marks or writings.



ELESA Original design

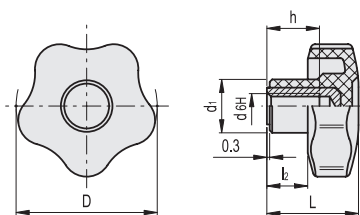
C9 C2 C3 C4 C5 C6 C17  
RAL9005 RAL2004 RAL7035 RAL1021 RAL5024 RAL3000 RAL6017

## CA.VCT

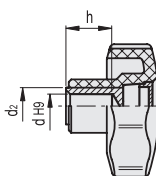
|              | C9   | C2   | C3   | C4   | C5   | C6   | C17  |                  |
|--------------|------|------|------|------|------|------|------|------------------|
| Cap for      |      |      |      |      |      |      |      | Description      |
| VCT.32       | 6900 | 6903 | 6904 | 6905 | 6906 | 6901 | 6907 | CA.VCT.32-*      |
| VCT.40       | 6910 | 6913 | 6914 | 6915 | 6916 | 6911 | 6917 | CA.VCT.40-*      |
| VCT.50       | 6920 | 6923 | 6924 | 6925 | 6926 | 6921 | 6927 | CA.VCT.50-*      |
| VCT.63-74-95 | 6930 | 6933 | 6934 | 6935 | 6936 | 6931 | 6937 | CA.VCT.63-74-95* |
| VCT.84       | 6980 | 6983 | 6984 | 6985 | 6986 | 6981 | 6987 | CA.VCT.84-*      |

\* Complete with colour index (C9, ..., C17).

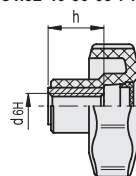
VCT.25-B  
VCT.25-SST



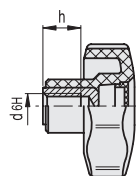
VCT-A



VCT.32-40-50-63-74-84-B  
VCT-AZ  
VCT.32-40-50-63-74-84-SST



VCT.95-B



\* Complete with colour index, example: 69841-C2 VCT.32 A-6-C2

C9 C2 C3 C4 C5 C6 C17  
RAL9005 RAL2004 RAL7035 RAL1021 RAL5024 RAL3000 RAL6017

## VCT-A

| Code    | Description   | D  | dH9 | L    | d1 | d2 | l2 | h  | △  |
|---------|---------------|----|-----|------|----|----|----|----|----|
| 69841-* | VCT.32 A-6-*  | 32 | 6   | 23   | 15 | 12 | 10 | 12 | 34 |
| 69892-* | VCT.40 A-8-*  | 40 | 8   | 27   | 17 | 12 | 12 | 14 | 36 |
| 69951-* | VCT.50 A-8-*  | 50 | 8   | 32   | 19 | 12 | 14 | 14 | 37 |
| 69952-* | VCT.50 A-10-* | 50 | 10  | 32   | 19 | 15 | 14 | 16 | 34 |
| 70001-* | VCT.63 A-8-*  | 63 | 8   | 37   | 22 | 15 | 16 | 20 | 52 |
| 70002-* | VCT.63 A-10-* | 63 | 10  | 37   | 22 | 16 | 16 | 21 | 49 |
| 70003-* | VCT.63 A-12-* | 63 | 12  | 37   | 22 | 16 | 16 | 21 | 48 |
| 70051-* | VCT.74 A-8-*  | 74 | 8   | 43.5 | 26 | 15 | 22 | 20 | 65 |
| 70052-* | VCT.74 A-10-* | 74 | 10  | 43.5 | 26 | 15 | 22 | 21 | 67 |
| 70053-* | VCT.74 A-12-* | 74 | 12  | 43.5 | 26 | 15 | 22 | 20 | 62 |
| 70055-* | VCT.74 A-16-* | 74 | 16  | 43.5 | 26 | 20 | 22 | 20 | 60 |
| 70123-* | VCT.84 A-12-* | 84 | 12  | 44   | 28 | 20 | 21 | 25 | 91 |
| 70125-* | VCT.84 A-16-* | 84 | 16  | 44   | 28 | 20 | 21 | 25 | 93 |



\* Complete with colour index, example: 69843-C2 VCT.32 B-M5-C2

**C9** RAL9005   **C2** RAL2004   **C3** RAL7035   **C4** RAL1021   **C5** RAL5024   **C6** RAL3000   **C17** RAL6017

VCT-B

| Code     | Description    | D  | d6H | L    | d1 | l2 | h  | C#<br>[Nm] | ⚖   |
|----------|----------------|----|-----|------|----|----|----|------------|-----|
| 69811-C9 | VCT.25 B-M4-C9 | 25 | M4  | 19   | 13 | 8  | 10 | 6          | 7   |
| 69812-C9 | VCT.25 B-M5-C9 | 25 | M5  | 19   | 13 | 8  | 10 | 7          | 6   |
| 69813-C9 | VCT.25 B-M6-C9 | 25 | M6  | 19   | 13 | 8  | 10 | 7          | 5   |
| 69843-*  | VCT.32 B-M5-*  | 32 | M5  | 23   | 15 | 10 | 12 | 10         | 11  |
| 69844-*  | VCT.32 B-M6-*  | 32 | M6  | 23   | 15 | 10 | 12 | 10         | 10  |
| 69845-*  | VCT.32 B-M8-*  | 32 | M8  | 23   | 15 | 10 | 12 | 10         | 9   |
| 69893-*  | VCT.40 B-M6-*  | 40 | M6  | 27   | 17 | 12 | 18 | 16         | 26  |
| 69894-*  | VCT.40 B-M8-*  | 40 | M8  | 27   | 17 | 12 | 18 | 18         | 24  |
| 69895-*  | VCT.40 B-M10-* | 40 | M10 | 27   | 17 | 12 | 17 | 18         | 23  |
| 69953-*  | VCT.50 B-M8-*  | 50 | M8  | 32   | 19 | 14 | 20 | 25         | 38  |
| 69954-*  | VCT.50 B-M10-* | 50 | M10 | 32   | 19 | 14 | 20 | 27         | 34  |
| 69955-*  | VCT.50 B-M12-* | 50 | M12 | 32   | 19 | 14 | 20 | 27         | 30  |
| 70012-*  | VCT.63 B-M8-*  | 63 | M8  | 37   | 22 | 16 | 26 | 48         | 45  |
| 70013-*  | VCT.63 B-M10-* | 63 | M10 | 37   | 22 | 16 | 26 | 50         | 42  |
| 70014-*  | VCT.63 B-M12-* | 63 | M12 | 37   | 22 | 16 | 26 | 50         | 40  |
| 70062-*  | VCT.74 B-M12-* | 74 | M12 | 43.5 | 26 | 22 | 26 | 60         | 57  |
| 70063-*  | VCT.74 B-M14-* | 74 | M14 | 43.5 | 26 | 22 | 26 | 65         | 53  |
| 70064-*  | VCT.74 B-M16-* | 74 | M16 | 43.5 | 26 | 22 | 31 | 69         | 55  |
| 70133-*  | VCT.84 B-M12-* | 84 | M12 | 44   | 28 | 21 | 25 | 65         | 91  |
| 70135-*  | VCT.84 B-M16-* | 84 | M16 | 44   | 28 | 21 | 25 | 75         | 93  |
| 70097-*  | VCT.95 B-M16-* | 95 | M16 | 46   | 32 | 21 | 22 | 100        | 109 |

VCT-AZ

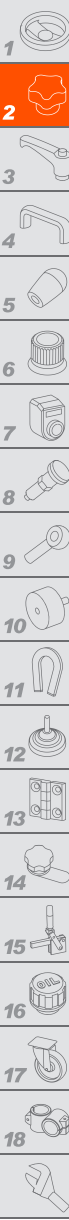
| Code     | Description      | D  | d6H | L    | d1 | l2 | h  | C#<br>[Nm] | ⚖  |
|----------|------------------|----|-----|------|----|----|----|------------|----|
| 69741-C9 | VCT.32 AZ-M4-C9  | 32 | M4  | 23   | 15 | 10 | 12 | 10         | 12 |
| 69742-C9 | VCT.32 AZ-M5-C9  | 32 | M5  | 23   | 15 | 10 | 12 | 10         | 11 |
| 69743-C9 | VCT.32 AZ-M6-C9  | 32 | M6  | 23   | 15 | 10 | 12 | 10         | 10 |
| 69752-C9 | VCT.40 AZ-M6-C9  | 40 | M6  | 27   | 17 | 12 | 18 | 16         | 26 |
| 69753-C9 | VCT.40 AZ-M8-C9  | 40 | M8  | 27   | 17 | 12 | 18 | 18         | 24 |
| 69761-C9 | VCT.50 AZ-M8-C9  | 50 | M8  | 32   | 19 | 14 | 20 | 25         | 38 |
| 69762-C9 | VCT.50 AZ-M10-C9 | 50 | M10 | 32   | 19 | 14 | 20 | 27         | 34 |
| 69772-C9 | VCT.63 AZ-M10-C9 | 63 | M10 | 37   | 22 | 16 | 26 | 50         | 42 |
| 69773-C9 | VCT.63 AZ-M12-C9 | 63 | M12 | 37   | 22 | 16 | 26 | 50         | 40 |
| 69782-C9 | VCT.74 AZ-M12-C9 | 74 | M12 | 43.5 | 26 | 22 | 26 | 60         | 57 |
| 69784-C9 | VCT.74 AZ-M16-C9 | 74 | M16 | 43.5 | 26 | 22 | 31 | 69         | 55 |
| 69794-C9 | VCT.84 AZ-M16-C9 | 84 | M16 | 44   | 28 | 21 | 25 | 75         | 93 |

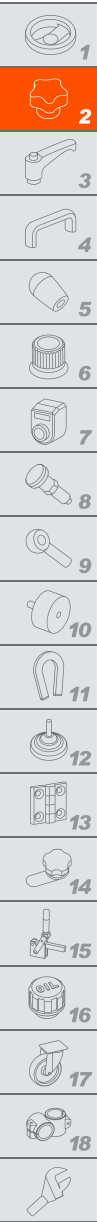
VCT-SST

INOX STAINLESS STEEL

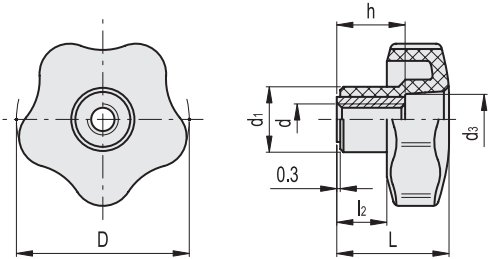
| Code     | Description      | D  | d6H | L    | d1 | l2 | h  | C#<br>[Nm] | ⚖  |
|----------|------------------|----|-----|------|----|----|----|------------|----|
| 69807-C9 | VCT.25-SST-M4-C9 | 25 | M4  | 19   | 13 | 8  | 10 | 7          | 6  |
| 69873-*  | VCT.32-SST-M5-*  | 32 | M5  | 23   | 15 | 10 | 12 | 10         | 11 |
| 69874-*  | VCT.32-SST-M6-*  | 32 | M6  | 23   | 15 | 10 | 12 | 10         | 10 |
| 69941-*  | VCT.40-SST-M6-*  | 40 | M6  | 27   | 17 | 12 | 18 | 16         | 26 |
| 69943-*  | VCT.40-SST-M8-*  | 40 | M8  | 27   | 17 | 12 | 18 | 18         | 24 |
| 69991-*  | VCT.50-SST-M8-*  | 50 | M8  | 32   | 19 | 14 | 20 | 27         | 39 |
| 69993-*  | VCT.50-SST-M10-* | 50 | M10 | 32   | 19 | 14 | 20 | 27         | 35 |
| 70005-*  | VCT.63-SST-M10-* | 63 | M10 | 37   | 22 | 16 | 26 | 50         | 43 |
| 70006-*  | VCT.63-SST-M12-* | 63 | M12 | 37   | 22 | 16 | 26 | 50         | 41 |
| 70056-*  | VCT.74-SST-M12-* | 74 | M12 | 43.5 | 26 | 22 | 26 | 60         | 58 |
| 70183-*  | VCT.84-SST-M16-* | 84 | M16 | 44   | 28 | 21 | 25 | 75         | 94 |

# "Max limit Tightening torque" means the max torque value at which the metal insert, in normal conditions of use, is perfectly and strongly anchored to the plastic material.





VCT-FP  
VCT-AZ-FP  
VCT-SST-FP



VCT-FP

| Code  | Description   | D  | d6H | L    | d1 | d3 | l2 | h  | ⚖  |
|-------|---------------|----|-----|------|----|----|----|----|----|
| 69847 | VCT.32 FP-M5  | 32 | M5  | 23   | 15 | 10 | 10 | 12 | 11 |
| 69848 | VCT.32 FP-M6  | 32 | M6  | 23   | 15 | 10 | 10 | 12 | 10 |
| 69849 | VCT.32 FP-M8  | 32 | M8  | 23   | 15 | 10 | 10 | 12 | 9  |
| 69897 | VCT.40 FP-M6  | 40 | M6  | 27   | 17 | 12 | 12 | 18 | 26 |
| 69898 | VCT.40 FP-M8  | 40 | M8  | 27   | 17 | 12 | 12 | 18 | 24 |
| 69899 | VCT.40 FP-M10 | 40 | M10 | 27   | 17 | 12 | 12 | 17 | 23 |
| 69956 | VCT.50 FP-M8  | 50 | M8  | 32   | 19 | 15 | 14 | 20 | 38 |
| 69957 | VCT.50 FP-M10 | 50 | M10 | 32   | 19 | 15 | 14 | 20 | 34 |
| 69958 | VCT.50 FP-M12 | 50 | M12 | 32   | 19 | 15 | 14 | 20 | 30 |
| 70016 | VCT.63 FP-M8  | 63 | M8  | 37   | 22 | 19 | 16 | 26 | 44 |
| 70017 | VCT.63 FP-M10 | 63 | M10 | 37   | 22 | 19 | 16 | 26 | 42 |
| 70018 | VCT.63 FP-M12 | 63 | M12 | 37   | 22 | 19 | 16 | 26 | 40 |
| 70067 | VCT.74 FP-M12 | 74 | M12 | 43.5 | 26 | 17 | 22 | 26 | 56 |
| 70068 | VCT.74 FP-M14 | 74 | M14 | 43.5 | 26 | 17 | 22 | 26 | 52 |
| 70069 | VCT.74 FP-M16 | 74 | M16 | 43.5 | 26 | 17 | 22 | 31 | 54 |
| 70143 | VCT.84 FP-M12 | 84 | M12 | 44   | 28 | 24 | 21 | 25 | 92 |
| 70145 | VCT.84 FP-M16 | 84 | M16 | 44   | 28 | 24 | 21 | 25 | 91 |

VCT-AZ-FP

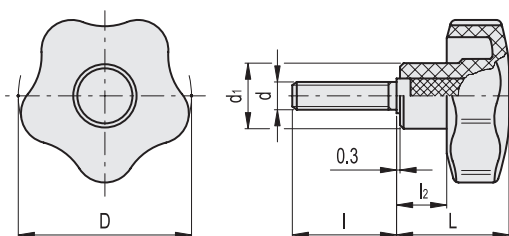
| Code  | Description      | D  | d6H | L    | d1 | d3 | l2 | h  | ⚖  |
|-------|------------------|----|-----|------|----|----|----|----|----|
| 69746 | VCT.32 AZ-FP-M6  | 32 | M6  | 23   | 15 | 10 | 10 | 12 | 10 |
| 69756 | VCT.40 AZ-FP-M8  | 40 | M8  | 27   | 17 | 12 | 12 | 18 | 26 |
| 69766 | VCT.50 AZ-FP-M8  | 50 | M8  | 32   | 19 | 15 | 14 | 20 | 38 |
| 69767 | VCT.50 AZ-FP-M10 | 50 | M10 | 32   | 19 | 15 | 14 | 20 | 34 |
| 69776 | VCT.63 AZ-FP-M12 | 63 | M12 | 37   | 22 | 19 | 16 | 26 | 40 |
| 69786 | VCT.74 AZ-FP-M12 | 74 | M12 | 43.5 | 26 | 17 | 22 | 31 | 56 |
| 69796 | VCT.84 AZ-FP-M16 | 84 | M16 | 44   | 28 | 24 | 21 | 25 | 92 |

VCT-SST-FP



| Code  | Description       | D  | d6H | L    | d1 | d3 | l2 | h  | ⚖  |
|-------|-------------------|----|-----|------|----|----|----|----|----|
| 69877 | VCT.32-SST-FP-M5  | 32 | M5  | 23   | 15 | 10 | 10 | 12 | 12 |
| 69878 | VCT.32-SST-FP-M6  | 32 | M6  | 23   | 15 | 10 | 10 | 12 | 13 |
| 69942 | VCT.40-SST-FP-M6  | 40 | M6  | 27   | 17 | 12 | 12 | 18 | 27 |
| 69944 | VCT.40-SST-FP-M8  | 40 | M8  | 27   | 17 | 12 | 12 | 18 | 25 |
| 69992 | VCT.50-SST-FP-M8  | 50 | M8  | 32   | 19 | 15 | 14 | 20 | 39 |
| 69994 | VCT.50-SST-FP-M10 | 50 | M10 | 32   | 19 | 15 | 14 | 20 | 35 |
| 70007 | VCT.63-SST-FP-M10 | 63 | M10 | 37   | 22 | 19 | 16 | 26 | 43 |
| 70008 | VCT.63-SST-FP-M12 | 63 | M12 | 37   | 22 | 19 | 16 | 26 | 41 |
| 70057 | VCT.74-SST-FP-M12 | 74 | M12 | 43.5 | 26 | 17 | 22 | 26 | 57 |
| 70185 | VCT.84-SST-FP-M16 | 84 | M16 | 44   | 28 | 24 | 21 | 25 | 92 |

## VCT-p



\* Complete with colour index, example: 69872-C2 VCT.32 p-M5x20-C2

**C9**  **C2**  **C3**  **C4**  **C5**  **C6**  **C17**  
 RAL9005 RAL2004 RAL7035 RAL1021 RAL5024 RAL3000 RAL6017

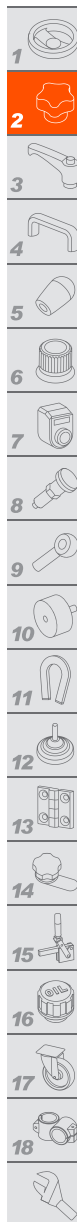
## VCT-p

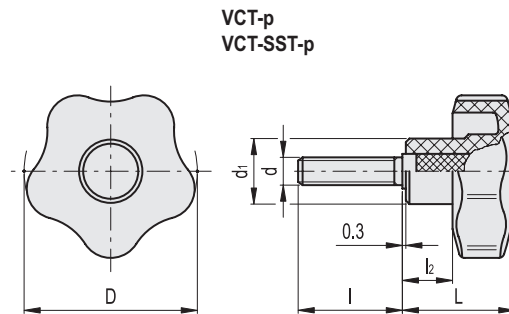
| Code     | Description       | D  | d6g | L  | d1 | l  | l2 | C#  | Δ   |
|----------|-------------------|----|-----|----|----|----|----|-----|-----|
| 69816-C9 | VCT.25 p-M4x6-C9  | 25 | M4  | 19 | 13 | 6  | 8  | 5   | 5   |
| 69817-C9 | VCT.25 p-M4x10-C9 | 25 | M4  | 19 | 13 | 10 | 8  | 5   | 6   |
| 69821-C9 | VCT.25 p-M5x10-C9 | 25 | M5  | 19 | 13 | 10 | 8  | 6   | 7   |
| 69822-C9 | VCT.25 p-M5x16-C9 | 25 | M5  | 19 | 13 | 16 | 8  | 6   | 8   |
| 69823-C9 | VCT.25 p-M5x20-C9 | 25 | M5  | 19 | 13 | 20 | 8  | 6   | 9   |
| 69824-C9 | VCT.25 p-M5x25-C9 | 25 | M5  | 19 | 13 | 25 | 8  | 6   | 10  |
| 69825-C9 | VCT.25 p-M5x30-C9 | 25 | M5  | 19 | 13 | 30 | 8  | 6   | 12  |
| 69826-C9 | VCT.25 p-M5x40-C9 | 25 | M5  | 19 | 13 | 40 | 8  | 6   | 14  |
| 69831-C9 | VCT.25 p-M6x10-C9 | 25 | M6  | 19 | 13 | 10 | 8  | 6   | 8   |
| 69832-C9 | VCT.25 p-M6x16-C9 | 25 | M6  | 19 | 13 | 16 | 8  | 6   | 9   |
| 69833-C9 | VCT.25 p-M6x20-C9 | 25 | M6  | 19 | 13 | 20 | 8  | 6   | 10  |
| 69835-C9 | VCT.25 p-M6x25-C9 | 25 | M6  | 19 | 13 | 25 | 8  | 6   | 11  |
| 69834-C9 | VCT.25 p-M6x30-C9 | 25 | M6  | 19 | 13 | 30 | 8  | 6   | 13  |
| 69836-C9 | VCT.25 p-M6x40-C9 | 25 | M6  | 19 | 13 | 40 | 8  | 6   | 15  |
| 69872*   | VCT.32 p-M5x20*   | 32 | M5  | 23 | 15 | 20 | 10 | 6   | 13  |
| 69851*   | VCT.32 p-M6x16*   | 32 | M6  | 23 | 15 | 16 | 10 | 8   | 13  |
| 69852*   | VCT.32 p-M6x20*   | 32 | M6  | 23 | 15 | 20 | 10 | 8   | 14  |
| 69853*   | VCT.32 p-M6x25*   | 32 | M6  | 23 | 15 | 25 | 10 | 8   | 15  |
| 69854*   | VCT.32 p-M6x30*   | 32 | M6  | 23 | 15 | 30 | 10 | 8   | 16  |
| 69855*   | VCT.32 p-M6x35*   | 32 | M6  | 23 | 15 | 35 | 10 | 8   | 17  |
| 69856*   | VCT.32 p-M6x40*   | 32 | M6  | 23 | 15 | 40 | 10 | 8   | 18  |
| 69857*   | VCT.32 p-M6x45*   | 32 | M6  | 23 | 15 | 45 | 10 | 8   | 19  |
| 69858*   | VCT.32 p-M6x50*   | 32 | M6  | 23 | 15 | 50 | 10 | 8   | 20  |
| 69860*   | VCT.32 p-M6x60*   | 32 | M6  | 23 | 15 | 60 | 10 | 8   | 21  |
| 69859*   | VCT.32 p-M8x16*   | 32 | M8  | 23 | 15 | 16 | 10 | 8   | 14  |
| 69861*   | VCT.32 p-M8x20*   | 32 | M8  | 23 | 15 | 20 | 10 | 8   | 18  |
| 69863*   | VCT.32 p-M8x30*   | 32 | M8  | 23 | 15 | 30 | 10 | 8   | 21  |
| 69865*   | VCT.32 p-M8x40*   | 32 | M8  | 23 | 15 | 40 | 10 | 8   | 24  |
| 69867*   | VCT.32 p-M8x50*   | 32 | M8  | 23 | 15 | 50 | 10 | 8   | 26  |
| 69901*   | VCT.40 p-M6x20*   | 40 | M6  | 27 | 17 | 20 | 12 | 13  | 18  |
| 69902*   | VCT.40 p-M6x25*   | 40 | M6  | 27 | 17 | 25 | 12 | 13  | 19  |
| 69903*   | VCT.40 p-M6x30*   | 40 | M6  | 27 | 17 | 30 | 12 | 13  | 20  |
| 69911*   | VCT.40 p-M8x16*   | 40 | M8  | 27 | 17 | 16 | 12 | 16  | 23  |
| 69912*   | VCT.40 p-M8x20*   | 40 | M8  | 27 | 17 | 20 | 12 | 16  | 24  |
| 69913*   | VCT.40 p-M8x25*   | 40 | M8  | 27 | 17 | 25 | 12 | 16  | 26  |
| 69914*   | VCT.40 p-M8x30*   | 40 | M8  | 27 | 17 | 30 | 12 | 16  | 27  |
| 69915*   | VCT.40 p-M8x35*   | 40 | M8  | 27 | 17 | 35 | 12 | 16  | 28  |
| 69916*   | VCT.40 p-M8x40*   | 40 | M8  | 27 | 17 | 40 | 12 | 16  | 30  |
| 69917*   | VCT.40 p-M8x45*   | 40 | M8  | 27 | 17 | 45 | 12 | 16  | 32  |
| 69918*   | VCT.40 p-M8x50*   | 40 | M8  | 27 | 17 | 50 | 12 | 16  | 35  |
| 69919*   | VCT.40 p-M8x55*   | 40 | M8  | 27 | 17 | 55 | 12 | 16  | 36  |
| 69922*   | VCT.40 p-M8x70*   | 40 | M8  | 28 | 17 | 70 | 12 | 16  | 40  |
| 70155*   | VCT.84 p-M12x50*  | 84 | M12 | 44 | 28 | 50 | 21 | 80  | 99  |
| 70157*   | VCT.84 p-M12x70*  | 84 | M12 | 44 | 28 | 70 | 21 | 80  | 113 |
| 70173*   | VCT.84 p-M16x30*  | 84 | M16 | 44 | 28 | 30 | 21 | 85  | 131 |
| 70175*   | VCT.84 p-M16x40*  | 84 | M16 | 44 | 28 | 40 | 21 | 85  | 141 |
| 70177*   | VCT.84 p-M16x50*  | 84 | M16 | 44 | 28 | 50 | 21 | 85  | 157 |
| 70179*   | VCT.84 p-M16x60*  | 84 | M16 | 44 | 28 | 60 | 21 | 85  | 170 |
| 70181*   | VCT.84 p-M16x70*  | 84 | M16 | 44 | 28 | 70 | 21 | 85  | 185 |
| 70099*   | VCT.95 p-M16x50*  | 95 | M16 | 46 | 32 | 50 | 21 | 138 | 175 |

## VCT-p

| Code   | Description      | D  | d6g | L  | d1 | l  | l2 | C#  | Δ   |
|--------|------------------|----|-----|----|----|----|----|-----|-----|
| 69931* | VCT.40 p-M10x20* | 40 | M10 | 27 | 17 | 20 | 12 | 18  | 26  |
| 69933* | VCT.40 p-M10x25* | 40 | M10 | 27 | 17 | 25 | 12 | 18  | 28  |
| 69935* | VCT.40 p-M10x30* | 40 | M10 | 27 | 17 | 30 | 12 | 18  | 30  |
| 69937* | VCT.40 p-M10x40* | 40 | M10 | 27 | 17 | 40 | 12 | 18  | 32  |
| 69939* | VCT.40 p-M10x50* | 40 | M10 | 27 | 17 | 50 | 12 | 18  | 34  |
| 69960* | VCT.50 p-M8x16*  | 50 | M8  | 32 | 19 | 16 | 14 | 16  | 26  |
| 69961* | VCT.50 p-M8x20*  | 50 | M8  | 32 | 19 | 20 | 14 | 16  | 28  |
| 69962* | VCT.50 p-M8x25*  | 50 | M8  | 32 | 19 | 25 | 14 | 16  | 30  |
| 69963* | VCT.50 p-M8x30*  | 50 | M8  | 32 | 19 | 30 | 14 | 16  | 31  |
| 69965* | VCT.50 p-M8x40*  | 50 | M8  | 32 | 19 | 40 | 14 | 16  | 33  |
| 69967* | VCT.50 p-M8x50*  | 50 | M8  | 32 | 19 | 50 | 14 | 16  | 35  |
| 69970* | VCT.50 p-M10x16* | 50 | M10 | 32 | 19 | 16 | 14 | 23  | 34  |
| 69971* | VCT.50 p-M10x20* | 50 | M10 | 32 | 19 | 20 | 14 | 23  | 36  |
| 69972* | VCT.50 p-M10x25* | 50 | M10 | 32 | 19 | 25 | 14 | 23  | 39  |
| 69973* | VCT.50 p-M10x30* | 50 | M10 | 32 | 19 | 30 | 14 | 23  | 41  |
| 69974* | VCT.50 p-M10x35* | 50 | M10 | 32 | 19 | 35 | 14 | 23  | 43  |
| 69975* | VCT.50 p-M10x40* | 50 | M10 | 32 | 19 | 40 | 14 | 23  | 46  |
| 69976* | VCT.50 p-M10x45* | 50 | M10 | 32 | 19 | 45 | 14 | 23  | 48  |
| 69977* | VCT.50 p-M10x50* | 50 | M10 | 32 | 19 | 50 | 14 | 23  | 51  |
| 69978* | VCT.50 p-M10x55* | 50 | M10 | 32 | 19 | 55 | 14 | 23  | 53  |
| 69979* | VCT.50 p-M10x60* | 50 | M10 | 32 | 19 | 60 | 14 | 23  | 55  |
| 69981* | VCT.50 p-M12x20* | 50 | M12 | 32 | 19 | 20 | 14 | 25  | 39  |
| 69983* | VCT.50 p-M12x30* | 50 | M12 | 32 | 19 | 30 | 14 | 25  | 44  |
| 69985* | VCT.50 p-M12x40* | 50 | M12 | 32 | 19 | 40 | 14 | 25  | 49  |
| 69987* | VCT.50 p-M12x50* | 50 | M12 | 32 | 19 | 50 | 14 | 25  | 54  |
| 69989* | VCT.50 p-M12x60* | 50 | M12 | 32 | 19 | 60 | 14 | 25  | 59  |
| 70021* | VCT.63 p-M10x20* | 63 | M10 | 37 | 22 | 20 | 16 | 37  | 54  |
| 70023* | VCT.63 p-M10x30* | 63 | M10 | 37 | 22 | 30 | 16 | 37  | 59  |
| 70025* | VCT.63 p-M10x40* | 63 | M10 | 37 | 22 | 40 | 16 | 37  | 64  |
| 70027* | VCT.63 p-M10x50* | 63 | M10 | 37 | 22 | 50 | 16 | 37  | 69  |
| 70029* | VCT.63 p-M10x60* | 63 | M10 | 37 | 22 | 60 | 16 | 37  | 74  |
| 70030* | VCT.63 p-M12x20* | 63 | M12 | 37 | 22 | 20 | 16 | 46  | 65  |
| 70031* | VCT.63 p-M12x25* | 63 | M12 | 37 | 22 | 25 | 16 | 46  | 67  |
| 70032* | VCT.63 p-M12x30* | 63 | M12 | 37 | 22 | 30 | 16 | 46  | 67  |
| 70034* | VCT.63 p-M12x35* | 63 | M12 | 37 | 22 | 35 | 16 | 46  | 70  |
| 70033* | VCT.63 p-M12x40* | 63 | M12 | 37 | 22 | 40 | 16 | 46  | 73  |
| 70036* | VCT.63 p-M12x50* | 63 | M12 | 37 | 22 | 50 | 16 | 46  | 79  |
| 70155* | VCT.84 p-M12x50* | 84 | M12 | 44 | 28 | 50 | 21 | 80  | 99  |
| 70157* | VCT.84 p-M12x70* | 84 | M12 | 44 | 28 | 70 | 21 | 80  | 113 |
| 70173* | VCT.84 p-M16x30* | 84 | M16 | 44 | 28 | 30 | 21 | 85  | 131 |
| 70175* | VCT.84 p-M16x40* | 84 | M16 | 44 | 28 | 40 | 21 | 85  | 141 |
| 70177* | VCT.84 p-M16x50* | 84 | M16 | 44 | 28 | 50 | 21 | 85  | 157 |
| 70179* | VCT.84 p-M16x60* | 84 | M16 | 44 | 28 | 60 | 21 | 85  | 170 |
| 70181* | VCT.84 p-M16x70* | 84 | M16 | 44 | 28 | 70 | 21 | 85  | 185 |
| 70099* | VCT.95 p-M16x50* | 95 | M16 | 46 | 32 | 50 | 21 | 138 | 175 |

# "Max limit Tightening torque" means the max torque value at which the metal insert, in normal conditions of use, is perfectly and strongly anchored to the plastic material.





\* Complete with colour index, example: 69881-C2 VCT.32-SST-p-M6x16-C2

|           |           |           |           |           |           |            |
|-----------|-----------|-----------|-----------|-----------|-----------|------------|
| <b>C9</b> | <b>C2</b> | <b>C3</b> | <b>C4</b> | <b>C5</b> | <b>C6</b> | <b>C17</b> |
| RAL9005   | RAL2004   | RAL7035   | RAL1021   | RAL5024   | RAL3000   | RAL6017    |

## VCT-p

| Code    | Description       | D  | d6g | L    | d1 | l  | l2 | C#   | Δ   |
|---------|-------------------|----|-----|------|----|----|----|------|-----|
|         |                   |    |     |      |    |    |    | [Nm] |     |
| 70083-* | VCT.74 p-M12x30-* | 74 | M12 | 43.5 | 26 | 30 | 22 | 68   | 86  |
| 70085-* | VCT.74 p-M12x50-* | 74 | M12 | 43.5 | 26 | 50 | 22 | 68   | 98  |
| 70087-* | VCT.74 p-M12x70-* | 74 | M12 | 43.5 | 26 | 70 | 22 | 68   | 110 |
| 70095-* | VCT.74 p-M14x50-* | 74 | M14 | 43.5 | 26 | 50 | 22 | 78   | 106 |
| 70089-* | VCT.74 p-M16x30-* | 74 | M16 | 43.5 | 26 | 30 | 22 | 80   | 132 |
| 70090-* | VCT.74 p-M16x40-* | 74 | M16 | 43.5 | 26 | 40 | 22 | 80   | 144 |
| 70091-* | VCT.74 p-M16x50-* | 74 | M16 | 43.5 | 26 | 50 | 22 | 80   | 156 |
| 70092-* | VCT.74 p-M16x60-* | 74 | M16 | 43.5 | 26 | 60 | 22 | 80   | 168 |
| 70093-* | VCT.74 p-M16x70-* | 74 | M16 | 43.5 | 26 | 70 | 22 | 80   | 180 |
| 70153-* | VCT.84 p-M12x30-* | 84 | M12 | 44   | 28 | 30 | 21 | 80   | 84  |
| 70155-* | VCT.84 p-M12x50-* | 84 | M12 | 44   | 28 | 50 | 21 | 80   | 99  |
| 70157-* | VCT.84 p-M12x70-* | 84 | M12 | 44   | 28 | 70 | 21 | 80   | 113 |
| 70173-* | VCT.84 p-M16x30-* | 84 | M16 | 44   | 28 | 30 | 21 | 85   | 131 |
| 70175-* | VCT.84 p-M16x40-* | 84 | M16 | 44   | 28 | 40 | 21 | 85   | 141 |
| 70177-* | VCT.84 p-M16x50-* | 84 | M16 | 44   | 28 | 50 | 21 | 85   | 157 |
| 70179-* | VCT.84 p-M16x60-* | 84 | M16 | 44   | 28 | 60 | 21 | 85   | 170 |
| 70181-* | VCT.84 p-M16x70-* | 84 | M16 | 44   | 28 | 70 | 21 | 85   | 185 |
| 70099-* | VCT.95 p-M16x50-* | 95 | M16 | 46   | 32 | 50 | 21 | 138  | 175 |

# "Max limit Tightening torque" means the max torque value at which the metal insert, in normal conditions of use, is perfectly and strongly anchored to the plastic material.

## VCT-SST-p

| Code     | Description           | D  | d6g | L    | d1 | l  | l2 | C#   | Δ   |
|----------|-----------------------|----|-----|------|----|----|----|------|-----|
|          |                       |    |     |      |    |    |    | [Nm] |     |
| 69837-C9 | VCT.25-SST-p-M5x10-C9 | 25 | M5  | 19   | 13 | 10 | 8  | 6    | 8   |
| 69838-C9 | VCT.25-SST-p-M5x16-C9 | 25 | M5  | 19   | 13 | 16 | 8  | 6    | 9   |
| 69839-C9 | VCT.25-SST-p-M5x20-C9 | 25 | M5  | 19   | 13 | 20 | 8  | 6    | 10  |
| 69840-C9 | VCT.25-SST-p-M5x25-C9 | 25 | M5  | 19   | 13 | 25 | 8  | 6    | 11  |
| 69881-*  | VCT.32-SST-p-M6x16-*  | 32 | M6  | 23   | 15 | 16 | 10 | 8    | 14  |
| 69882-*  | VCT.32-SST-p-M6x20-*  | 32 | M6  | 23   | 15 | 20 | 10 | 8    | 15  |
| 69883-*  | VCT.32-SST-p-M6x25-*  | 32 | M6  | 23   | 15 | 25 | 10 | 8    | 16  |
| 69884-*  | VCT.32-SST-p-M6x30-*  | 32 | M6  | 23   | 15 | 30 | 10 | 8    | 17  |
| 69945-*  | VCT.40-SST-p-M8x20-*  | 40 | M8  | 27   | 17 | 20 | 12 | 18   | 25  |
| 69946-*  | VCT.40-SST-p-M8x25-*  | 40 | M8  | 27   | 17 | 25 | 12 | 18   | 27  |
| 69947-*  | VCT.40-SST-p-M8x30-*  | 40 | M8  | 27   | 17 | 30 | 12 | 18   | 28  |
| 69948-*  | VCT.40-SST-p-M8x40-*  | 40 | M8  | 27   | 17 | 40 | 12 | 18   | 31  |
| 69995-*  | VCT.50-SST-p-M10x20-* | 50 | M10 | 32   | 19 | 20 | 14 | 25   | 37  |
| 69996-*  | VCT.50-SST-p-M10x25-* | 50 | M10 | 32   | 19 | 25 | 14 | 25   | 40  |
| 69997-*  | VCT.50-SST-p-M10x30-* | 50 | M10 | 32   | 19 | 30 | 14 | 25   | 42  |
| 70000-*  | VCT.50-SST-p-M10x40-* | 50 | M10 | 32   | 19 | 40 | 14 | 25   | 45  |
| 69998-*  | VCT.50-SST-p-M10x45-* | 50 | M10 | 32   | 19 | 45 | 14 | 25   | 49  |
| 69999-*  | VCT.50-SST-p-M10x55-* | 50 | M10 | 32   | 19 | 55 | 14 | 25   | 54  |
| 70042-*  | VCT.63-SST-p-M12x30-* | 63 | M12 | 37   | 22 | 30 | 16 | 46   | 68  |
| 70043-*  | VCT.63-SST-p-M12x40-* | 63 | M12 | 37   | 22 | 40 | 16 | 46   | 74  |
| 70046-*  | VCT.63-SST-p-M12x50-* | 63 | M12 | 37   | 22 | 50 | 16 | 46   | 80  |
| 70073-*  | VCT.74-SST-p-M12x30-* | 74 | M12 | 43.5 | 26 | 30 | 22 | 68   | 87  |
| 70075-*  | VCT.74-SST-p-M12x50-* | 74 | M12 | 43.5 | 26 | 50 | 22 | 68   | 100 |
| 70191-*  | VCT.84-SST-p-M16x30-* | 84 | M16 | 44   | 28 | 30 | 21 | 85   | 132 |
| 70194-*  | VCT.84-SST-p-M16x50-* | 84 | M16 | 44   | 28 | 50 | 21 | 85   | 159 |
| 70197-*  | VCT.84-SST-p-M16x70-* | 84 | M16 | 44   | 28 | 70 | 21 | 85   | 186 |

