



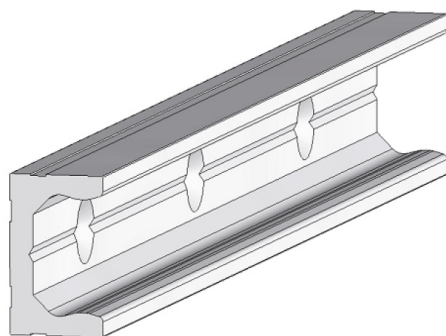
## OLM-C System



Cod. T,6002,....  
**Rail (section 30 mm)**



Cod. T,6002,....  
**Rail (section 30 mm)**



**MATERIAL:**

Extruded and stabilized precision aluminium alloy

**SURFACE TREATMENT:**

Grey anodizing

**FASTENING HOLES:**

OMET standard drilling.

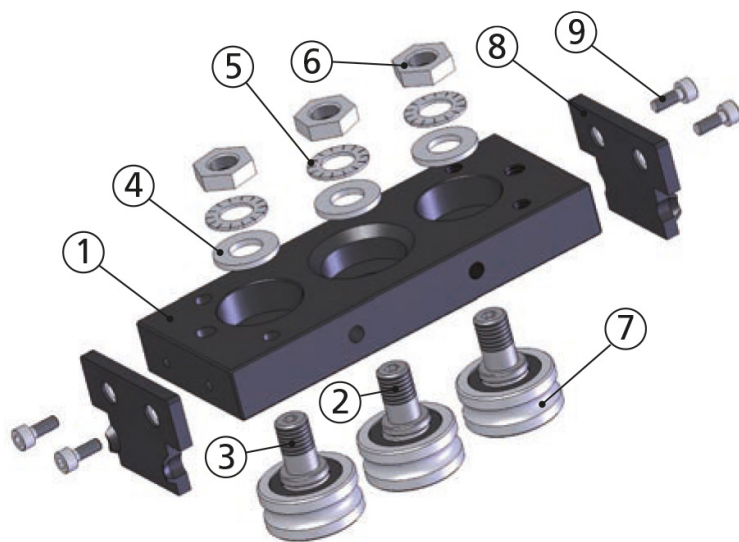
A special reference groove aids self-centering of the point to be drilled, in case additional holes are required.

Cod. T,5002,03AB

**Cursor for rail sector 30 mm**

Cod. T,5003,03AA

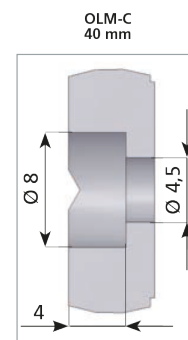
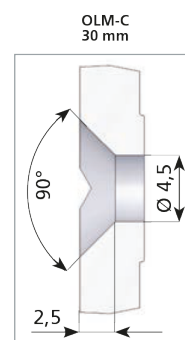
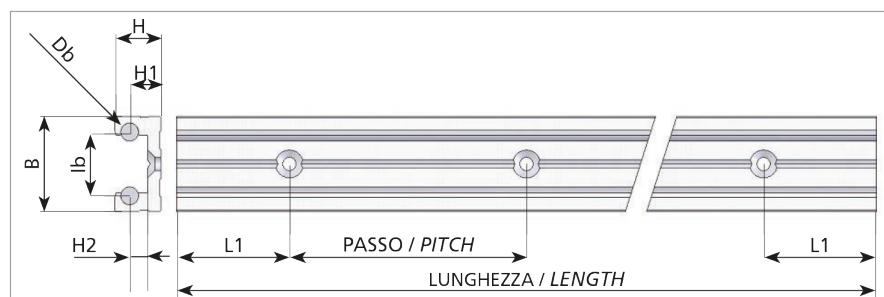
**Cursor for rail sector 40 mm**



| POS. | DESCRIPTION                   | MATERIAL                                | TREATMENTS           |
|------|-------------------------------|-----------------------------------------|----------------------|
| 1    | Cursor body                   | Aluminum alloy                          | Black anodizing      |
| 2    | Eccentric central pin         | Steel                                   | Burnishing           |
| 3    | Side pins                     | Steel                                   | Burnishing           |
| 4    | Washer                        | Steel                                   | Burnishing           |
| 5    | Knurled lock washer           | Steel                                   | Burnishing           |
| 6    | Nut                           | Steel                                   | Zinc-coating         |
| 7    | Bearing 2RS double ball crown | Steel 100Cr6                            | Hardening + grinding |
| 8    | Race-cleaners                 | Steel core over-pressed in polyurethane |                      |
| 9    | Screws                        | Steel                                   | Burnishing           |

Cod. T,6002,... - T,6003,...

**Rails**



| TYPE             | ORDER CODE  | LENGHT | DIMENSIONS (mm) |    |      |      |     |      |      |       | Coupling with cursor |
|------------------|-------------|--------|-----------------|----|------|------|-----|------|------|-------|----------------------|
|                  |             |        | L1              | B  | H    | H1   | H2  | lb   | Db   | Pitch |                      |
| OLM - C<br>30 mm | T,6002,104B | 1036   | 38              | 32 | 15,5 | 10,5 | 6,1 | 21,5 | 6 h7 | 80    | T,5002               |
|                  | T,6002,200B | 1996   |                 |    |      |      |     |      |      |       |                      |
|                  | T,6002,296B | 2956   |                 |    |      |      |     |      |      |       |                      |
| OLM - C<br>40 mm | T,6003,100A | 996    | 48              | 42 | 20   | 14   | 8   | 29   | 6 h7 | 100   | T,5003               |
|                  | T,6003,200A | 1996   |                 |    |      |      |     |      |      |       |                      |
|                  | T,6003,300A | 2996   |                 |    |      |      |     |      |      |       |                      |

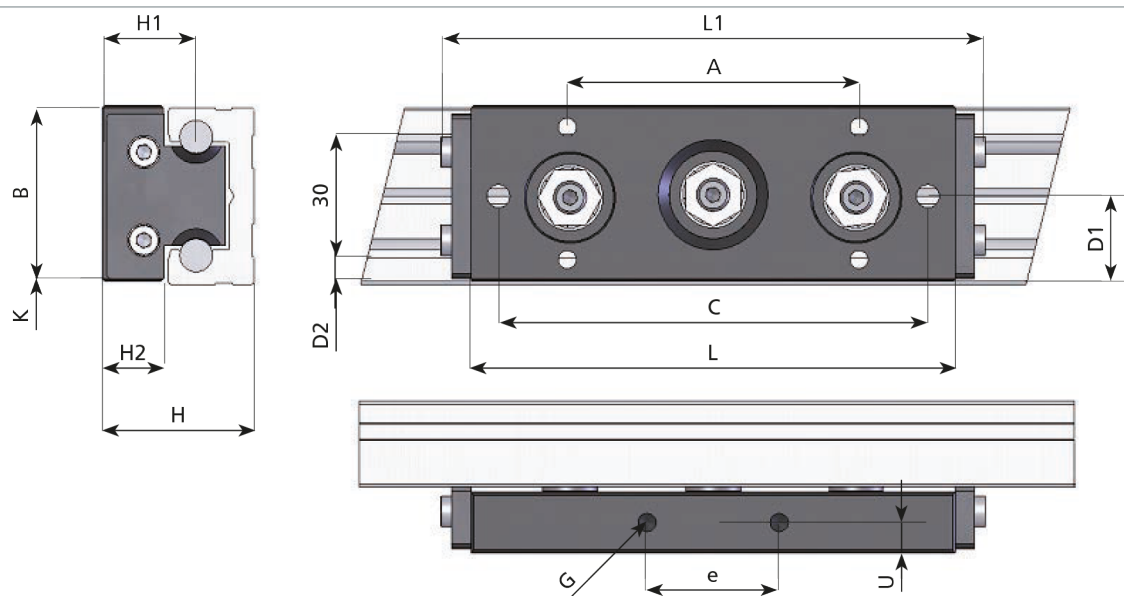


Cod. T,5002,03AB

*Cursor for rail sector 30 mm*

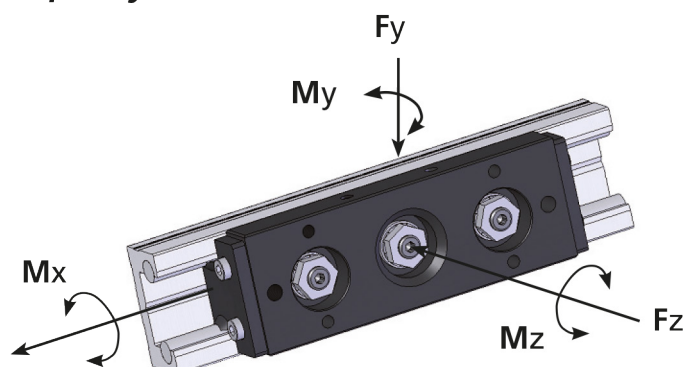
Cod. T,5003,03AA

*Cursor for rail sector 40 mm*



| ORDER CODE  | L   | L1  | A  | C  | e  | U   | G             | G1 | G2 | D  | D1   | D2 | H    | H1   | H2 | B  | K   |
|-------------|-----|-----|----|----|----|-----|---------------|----|----|----|------|----|------|------|----|----|-----|
| T,5002,03AB | 88  | 99  | 53 | 78 | 24 | 5,5 | M4<br>prof. 6 | M5 | M4 | 24 | 15,5 | 4  | 27,5 | 17   | 11 | 32 | 0,5 |
| T,5003,03AA | 105 | 116 | 73 | 90 | 35 | 7   | M5<br>prof. 8 | M6 | M5 | 30 | 20   | 6  | 35,7 | 21,7 | 14 | 42 | 1   |

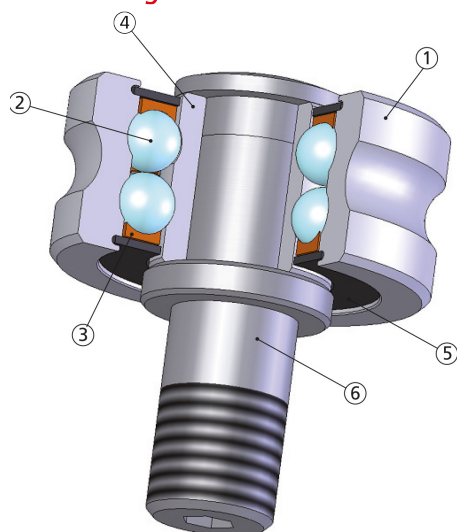
## Capacity



| CODE        | Fy<br>(N) | Fz<br>(N) | Mx<br>(Nm) | My<br>(Nm) | Mz<br>(Nm) |
|-------------|-----------|-----------|------------|------------|------------|
| T,5002-03AB | 1000      | 330       | 4          | 6          | 10         |
| T,5003-03AA | 1800      | 520       | 7,6        | 15         | 26         |



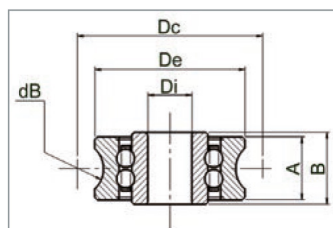
### Ball bearings for rails OLM-C SYSTEM



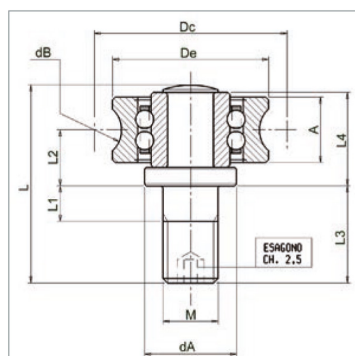
In order to meet with the variety of applications and allow the customer a larger customization possibility, OMET also proposes single components, leaving up to the designer how to make the most suitable cursor for one's own application.

| POS. | DESCRIPTION                 | MATERIAL        | TREATMENTS                                 |
|------|-----------------------------|-----------------|--------------------------------------------|
| 1    | Outer ring                  | Steel 100 Cr6   | Hardening + grinding                       |
| 2    | Balls                       | Steel 100 Cr6   | Hardening + grinding                       |
| 3    | Cage                        | Plastic         |                                            |
| 4    | Inner ring                  | Steel 100 Cr6   | Tempra + rettifica<br>Hardening + grinding |
| 5    | Double dust protection      | Plastic or iron |                                            |
| 6    | Eccentric or concentric pin | Steel           |                                            |

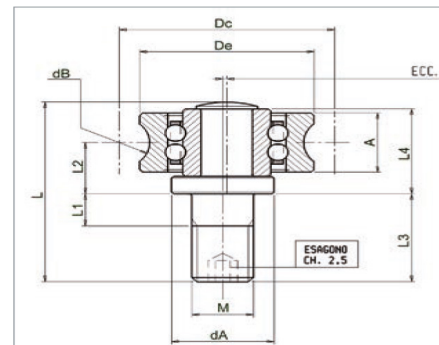
### bearing



### concentric pin



### eccentric pin



| TYPE                                       | DIMENSIONS(mm) |    |    |    |    |    |    |      |     |     |      |      |    | COUPLING WITH                 |
|--------------------------------------------|----------------|----|----|----|----|----|----|------|-----|-----|------|------|----|-------------------------------|
|                                            | dA             | dB | Dc | De | Di | A  | B  | L    | L1  | L2  | L3   | L4   | M  |                               |
| <b>BEARING</b><br>CODE: T,0248,AAGG        | -              | 6  | 21 | 17 | 5  | 7  | 8  | -    | -   | -   | -    | -    | -  | OLM-C<br>30 mm<br>COD. T,6002 |
| <b>CONCENTRIC PIN</b><br>CODE: T,0248,AEGG | 10             | 6  | 21 | 17 | -  | 7  | -  | 21,2 | 3,8 | 6   | 10,4 | 10   | M6 |                               |
| <b>ECCENTRIC PIN</b><br>CODE: T,0248,ADGG  | 10             | 6  | 21 | 17 | -  | 7  | -  | 21,2 | 3,8 | 6   | 10,4 | 10   | M6 |                               |
| <b>BEARING</b><br>CODE: T,0248,AGGG        | -              | 6  | 28 | 24 | 8  | 11 | 11 | -    | -   | -   | -    | -    | -  | OLM-C<br>40 mm<br>COD. T,6003 |
| <b>CONCENTRIC PIN</b><br>CODE: T,0248,AHGG | 12             | 6  | 28 | 24 | -  | 11 | -  | 27,3 | 5,3 | 7,7 | 13,3 | 13,2 | M8 |                               |
| <b>ECCENTRIC PIN</b><br>CODE: T,0248,AIGG  | 12             | 6  | 28 | 24 | -  | 11 | -  | 27,3 | 5,3 | 7,7 | 13,3 | 13,2 | M8 |                               |