

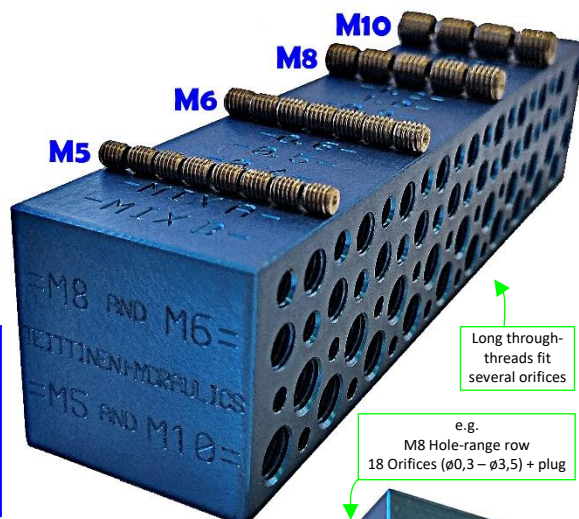
# Orifice-Set

Your Collection – Inside a Casing

## CHOOSE

1. Desired M-size (one or several): M5 / M6 / M8 / M10
2. Desired amount(s) of "Hole-Range Rows"

→ Please see Pricelist (page 2) for details



Long through-threads fit several orifices

e.g.  
M8 Hole-range row  
18 Orifices (Ø0,3 – Ø3,5) + plug

## CASING

### Metal-material

- Light (weight ~800g)
- Surface treated

### Hole size markings

- 0,3/0,4/0,5/0,6/0,7/0,8/0,9/1,0/1,2/1,4/1,6/1,8/2,0/2,2/2,5/2,8/3,0/3,5
- „MIX A“ (plug) / „MIX B“ (free/empty thread)

### Through threads:

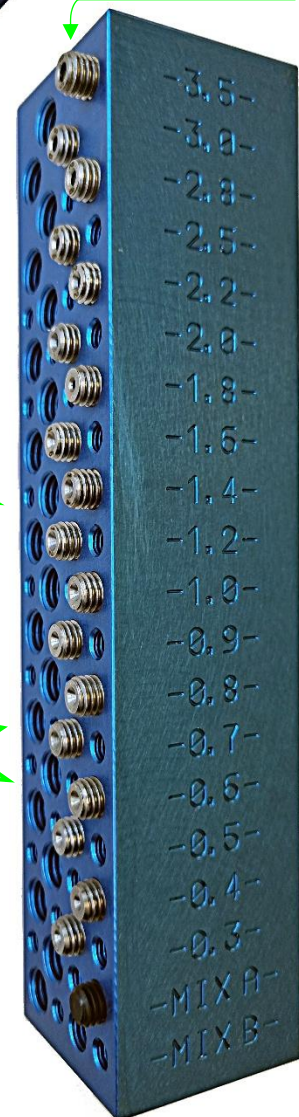
- **M5:** Ø0,3 – Ø2,2 (14 hole sizes)
- **M6:** Ø0,3 – Ø2,8 (16 hole sizes)
- **M8:** Ø0,3 – Ø3,5 (18 hole sizes)
- **M10:** Ø0,3 – Ø3,5 (18 hole sizes)

Ideal for  
proto  
projects

Comprehensive  
solution  
for testing &  
optimization

Convenient backup  
against problems  
during system  
commissioning

Fits in  
your bag  
for travels



## Precision Orifices

Full thread  
(= set screw type)

Steel

Body Length = M-size

### Advice:

**Cleanliness:** When installing an orifice to the casing, please make sure that the male-thread of the orifice engages the female-thread of the casing properly. Don't torque with force if the threads are badly positioned. When removing an orifice (not only from the casing but generally from anywhere else also), it's good to blow inside it from both directions and additionally to the thread as well, that all possible dirt/particles/etc. fly away.

**Diligence:** When installing an orifice to the casing, pay attention that it is installed to the correct thread (with size-marking that corresponds the hole-size of the orifice). When uninstalling an orifice from the casing, please double-check the hole-size from the size marking of the orifice itself. Please note that the threads are through-threads. If you install orifices from one direction, you can see the size marking of the lowest most orifice by looking in from the opposite direction.

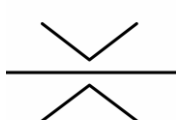
**Feeling:** When screwing several orifices to the same through-thread, its best to screw them lightly against each other (that they stay firmly in place)

**Storage:** Keep the Casing protected from moist and dirt (e.g. inside a well sealed plastic bag)

### Teittinen – Orifices/Nozzles/Jets

Precisely tolerated hole-Ø  
Short orifice length  
Size marking  
Robust construction  
BIG stock

Reference users of our  
precision orifice-types:  
Some of the world's biggest  
Hydraulics OEMs  
100+ Mobile/Industrial  
Machine OEMs



### Principle

### Cut Sheet

Precisely tolerated hole-Ø → Identical throttling function for serial machines → Systematical adjustments by exact step-changes (by changing the orifice)

# Pricelist (2025)

## ORIFICE SETS

### PRICES :

according **TOTAL QUANTITY** of Hole-Range Rows

**UNIT-PRICE** of a Hole-Range Row is the **SAME** for all M-sizes (M5 = M6 = M8 = M10)

E.g.:

6 pcs: M6-Hole-range rows  
+ 5 pcs: M8-Hole-range rows  
+ 4 pcs: M10-Hole-range rows  
= TOTAL 15 pcs Hole-range rows = 968 €  
(= 258 orifices + 15 plugs ... INSIDE THE CASING)

1 Hole-Range Row (inside the casing)	185 €
2 Hole-Range Rows (inside the casing)	262 €
3 Hole-Range Rows (inside the casing)	338 €
4 Hole-Range Rows (inside the casing)	413 €
5 Hole-Range Rows (inside the casing)	475 €
6 Hole-Range Rows (inside the casing)	536 €
7 Hole-Range Rows (inside the casing)	596 €
8 Hole-Range Rows (inside the casing)	655 €
9 Hole-Range Rows (inside the casing)	712 €
10 Hole-Range Rows (inside the casing)	757 €
11 Hole-Range Rows (inside the casing)	801 €
12 Hole-Range Rows (inside the casing)	844 €
13 Hole-Range Rows (inside the casing)	886 €
14 Hole-Range Rows (inside the casing)	927 €
15 Hole-Range Rows (inside the casing)	968 €
16 Hole-Range Rows (inside the casing)	1008 €
17 Hole-Range Rows (inside the casing)	1043 €
18 Hole-Range Rows (inside the casing)	1076 €
19 Hole-Range Rows (inside the casing)	1110 €
20 Hole-Range Rows (inside the casing)	1143 €
21 Hole-Range Rows (inside the casing)	1175 €
22 Hole-Range Rows (inside the casing)	1206 €
23 Hole-Range Rows (inside the casing)	1238 €
24 Hole-Range Rows (inside the casing)	1268 €

## "HOLE-RANGE ROW"

= 1 x ALL AVAILABLE HOLE-SIZES OF THE SAME M-SIZE



E.g. 1pc : M8-hole-range row (orifice sizes Ø0,3 – Ø3,5 + plug)

M5-Hole-range row includes: 14 orifices (hole sizes: Ø0,3 – Ø2,2) + plug  
M6-Hole-range row includes: 16 orifices (hole-sizes: Ø0,3 – Ø2,8) + plug  
M8- Hole-range row includes: 18 orifices (hole-sizes: Ø0,3 – Ø3,5) + plug  
M10- Hole-range row includes: 18 orifices (hole-sizes: Ø0,3 – Ø3,5) + plug

## Orders

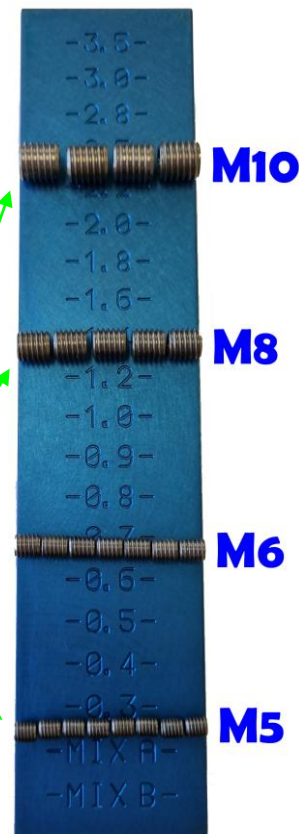
info@teittinen.fi

Pick Your Set:  
**WE ASSEMBLE & DELIVER QUICK**  
**(ALL PARTS IN STOCK)**

Prices: Net, excl. VAL  
exWorks Tampere Finland (EU)

### Casing fits:

Max 4 pcs : M10-Hole-Range Rows  
Max 5 pcs : M8-Hole-Range Rows  
Max 7 pcs : M6-Hole-Range Rows  
Max 8 pcs : M5-Hole-Range Rows



### Extra Tailoring possibility

- \* MIX A / MIX B → Filling (instead of a plug) with requested orifices
- Bigger of smaller holes:
    - M5: Ø0,2...Ø2,4
    - M6: Ø0,2...Ø2,9
    - M8: Ø0,2...Ø3,9
    - M10: Ø0,3...Ø5,0
  - Intermediate holes: e.g. Ø0,35mm
  - Prices: Please see „one-by-one filling“

\* Material: brass  
instead of steel (prices  
quoted separately)



### ONE-BY-ONE FILLING

(Casing + Orifices sold separately)

Casing	120 €/pc
Orifices	10 €/pc

## Teittinen Hydraulics Oy

Hatanpään valtatie 34 A, FI-33100 Tampere Finland (EU) / tel: +358(0)32140881 / email: info@teittinen.fi

### Orifice-Adaptors (BSP)

Fittings with an inner thread for an orifice  
Choose Your preferred combo  
(fitting + orifice)  
BIG stock in Tampere Finland

