

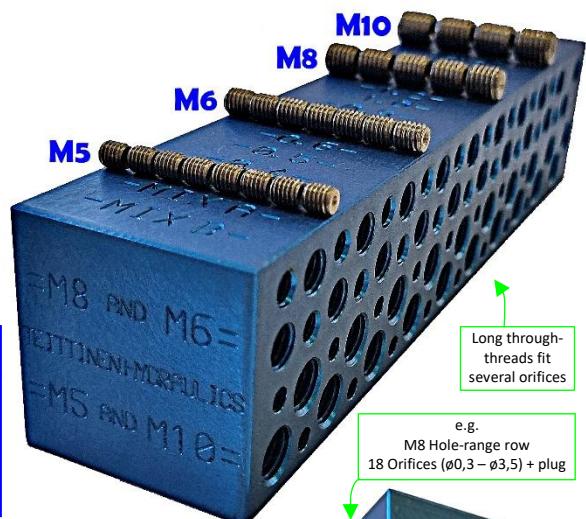
Orifice-Set

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 ($\varnothing 0,3 - \varnothing 3,5$) + 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: $\varnothing 0,3 - \varnothing 2,2$ (14 hole sizes)
- M6: $\varnothing 0,3 - \varnothing 2,8$ (16 hole sizes)
- M8: $\varnothing 0,3 - \varnothing 3,5$ (18 hole sizes)
- M10: $\varnothing 0,3 - \varnothing 3,5$ (18 hole sizes)



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.

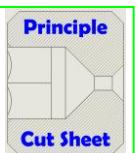
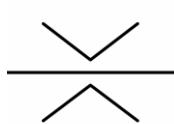
Diligence: When installing an orifice to the casing, pay attention that it is installed to the correct thread (with size-marking that corresponds the hole-size of the orifice). When uninstalling an orifice from the casing, please double-check the hole-size from the size marking of the orifice itself. 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, it's 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



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 €

Extra Tailoring possibility

* MIX A / MIX B → Filling (instead of a plug) with requested orifices

- Bigger of smaller holes:
 - M5: $\varnothing 0,2 \dots \varnothing 2,4$
 - M6: $\varnothing 0,2 \dots \varnothing 2,9$
 - M8: $\varnothing 0,2 \dots \varnothing 3,9$
 - M10: $\varnothing 0,3 \dots \varnothing 5,0$
- Intermediate holes: e.g. $\varnothing 0,35$ mm
- 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

