Spinnerets

MVV GEAR PUMPS

MELT SPINNING

75 years of research in mechanics for textile give us the ability to supply the most suitable products and materials for our customers' specific requirements. We are specialized on melt spinning spinnerets. Holes are **mirror-finished** and all the dimensions are subjected to the strictest **quality** control procedures. Highly sensitive optical instruments are used to check size and finishing of the capillaries; their height is checked by the most **precise** instruments and by special tests made in our premises.

Discretion is definitely one of our prides. From the first meeting or phone call all the drawings, hole patterns, shapes, surface finishing or materials will be kept in **strict confidence**. This is also why our customers choose us to process their **award-winning** high technology yarns.

Due to the increasing demand of our expert craftsmanship, a **new workshop** for spinnerets and spinning beams manufacturing will be open during 2017 right next to MVV's existing factory.

UNI EN ISO 9001:2008 certification
CE certification
ATEX certification
PED certification

MVV srl
Via Sant'Antonio, 2 31010 Orsago (Tv) Italy
www.mvv.it - sales@mvv.it

Capabilities

MELT SPINNING

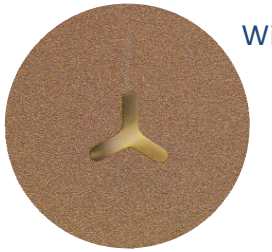
STANDARD SHAPES

Mono and bi-component spinnerets with maximum lenght of 2 meters (80'')

D_{min} = 0,12mm (0,00472'')

TOLERANCES
D ± 1µm (0,0000394'')
Height ± 10µm (0,00394'')

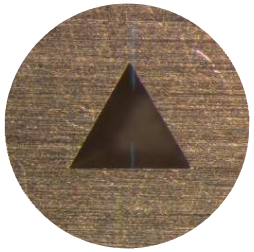
ROUND SHAPE



$Width_{min}$ = 0,07mm (0,00276'')

TOLERANCES
Width ± 2µm (0,0000787'')
Lenght ± 5µm (0,00197'')
Height ± 20µm (0,000787'')

Y-SHAPE «TRILOBAL»



$Side_{min}$ = 0,10mm (0,00394'')

TOLERANCES
Side ± 2µm (0,0000787'')
Height ± 20µm (0,000787'')

DELTA SHAPE

Images are taken at magnification of 50x

MATERIALS:

AISI 431 – W.Nr 1.4057 ; AISI 630 - W.Nr 1.4542 UNS S17400;
AISI 316L, AISI 329. Special alloys on request

ROUGHNESS:

SURFACE: mirror finish
INSIDE CAPILLARY: up to mirror finish

SPECIAL SHAPES