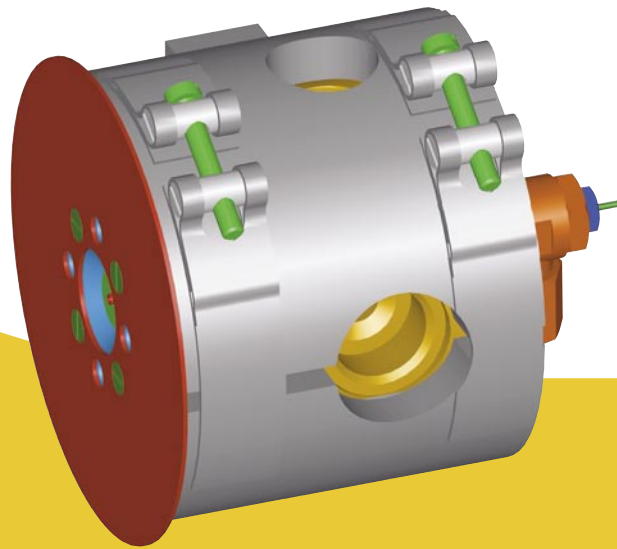


**UNITEK**



**Crossheads for Fluoro-Polymers**  
**Querspritzköpfe für Fluorkunststoffe**

**We Make Leading Products Happen. [www.unitek.at](http://www.unitek.at)**



## Crossheads for Fluoro-Polymers

### Head Type

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The sizes in the type specification indicate the maximum diameter of the conductor and the die bore. All dimensions must be seen as guide figures. For the selection of the most suitable head size, the required type of material and its draw down ratio have to be considered in addition to the product dimensions.

### Application

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**SL** for single layer extrusion  
**SK** for skin co-extrusion  
**ST** for stripe co-extrusion

### Centering

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**S** fixed centered  
**M** manually centered

### Material and design

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All heads are made of UNALLOY™, a fluoro resistant hardened wear resistant material. The distribution cartridges are designed in free flow principle without holes or slots.

### Head casing

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**CC** compact design made from one solid block  
**C** modular design with a separation between basic head and front head.

## Querspritzköpfe für Fluorkunststoffe

### Kopftyp

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Die Größenangaben in der Typenbezeichnung identifizieren den maximalen Durchmesser des Leiters sowie der Düsenbohrung. Alle Angaben sind als Richtwerte anzusehen. Für die Auswahl der geeigneten Kopfgröße sind neben den Produktabmessungen das Material, sowie dessen Abziehverhältnis maßgebend.

### Einsatzbereich

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**SL** für Einschichtextrusion  
**SK** für Häutchen-Koextrusion  
**ST** für Streifen-Koextrusion.

### Zentrierung

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**S** fest zentriert  
**M** manuell zentriert

### Material und Design

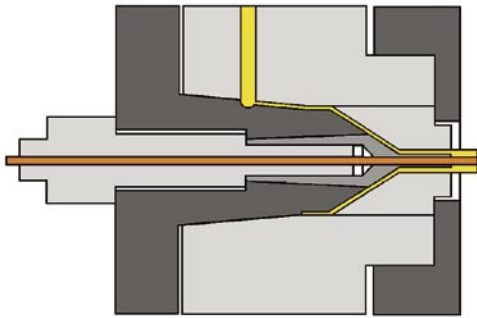
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Alle Köpfe werden aus UNALLOY™, einer härtbaren und somit verschleißarmen fluorresistenten Legierung gefertigt. Die Pinolen sind nach dem Prinzip der freien Massenverteilung ausgelegt, ohne Bohrungen und Schlitzten.

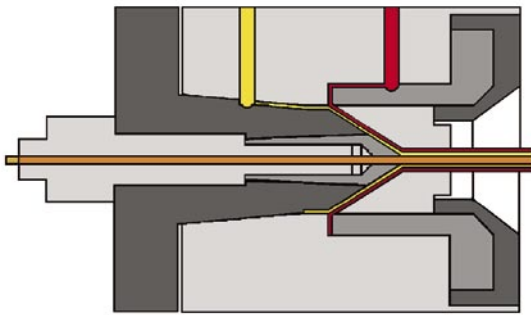
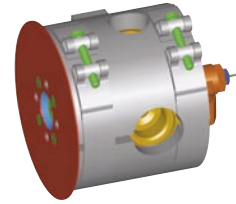
### Kopfgehäuse

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**CC** Kompaktbauweise, aus einem Block gefertigt  
**C** in Modulbauweise, mit einer Trennung zwischen Grundkopf und Vorkopf.






Type USCC-F ...



Type USCC-F-V ...



Type	Conductor Leiter ømax	Die bore Düsen- bohrung ømax	Extrusion			Centering Zentrierung		Head Casing Kopfgehäuse	
						S	M	CC	C
			SL	ST	SK				
USCC-F-1/7	1/0.039	10/0.393	●			●		●	
USCC-V-F-1/7	1/0.039	10/0.393	●			●		●	
USCC-F 3/20	3/0.118	20/0.787	●			●		●	
USCC-V-F 3/20	3/0.118	20/0.787	●	●	●	●		●	
USCC-F 12/30	12/0.472	30/1.181	●			●		●	
USCC-F 20/40	20/0.787	40/1.574	●			●		●	
USCC-V-F 20/40	20/0.787	40/1.574	●	●	●	●		●	
USCC-F 40/100	40/1.574	100/3.937	●						
U14SC-2-F	7/0.275	20/0.787	2 layer			●			●
	mm/inch	mm/inch							



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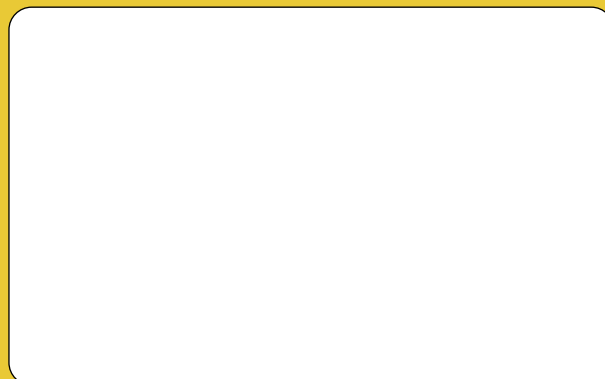


## THE COMPANY AT A GLANCE

UNITEK is the worldwide leading manufacturer of fixed centered crossheads and add-on technology for the wire and cable industry. The company was founded in 1979 and ever since has been dedicated to providing innovative solutions for increased productivity to the extrusion industry around the world. Close contacts with cable and machinery manufacturers, high standards of research and development as

well as state-of-the-art production facilities for highest precision and quality have been the basis of UNITEK's philosophy from the very beginning. The UNITEK team of engineers, technicians and managers has a very strong background in the extrusion and cable industry and is dedicated to providing cutting-edge solutions for the requirements encountered by today's cable industry.

- Crossheads (fixed centered as well as manually centered) including add-on technology such as tips & dies, colour changing systems, bypasses, adapters, support trolleys and cartridge extraction devices
- Extrusion heads made of special steel alloy with unique curing technique
- Extremely durable crossheads with lifetimes of more than 60.000 hours of operation
- Close to zero scrap during start-up (using fixed-centred crossheads)
- Extremely high precision manufacturing
- Unrivalled concentricity during coating for reduced cost of materials
- Over 10 worldwide patents
- 800 satisfied customers in over 40 countries worldwide



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