

CAPELLINI 6-32

CAPILLARY HPLC COLUMNS with 6-32 Thread PEEK/Ti Fittings



Capillary HPLC Columns

Unique Features:

- 6-32 threads for capillary fittings
- PEEK/Titanium fittings
- Tested and supplied with CofA
- High performance
- Higgins Analytical Sorbents

Applications:

- LC-MS
- Microbore HPLC

Standard Sizes:

- 50 to 150 × 0.150mm
- 50 to 150 × 0.075mm
- Longer and shorter lengths available

Guide to CAPELLINI Part Numbers

xFS-xx07-xxxx 75µm CAPELLINI 6-32
 xFS-xx15-xxxx 150µm CAPELLINI 6-32

See Page 23 for complete Part Number information

Higgins Analytical Capellini are robust, high performance capillary HPLC columns for LC-MS and other very small scale applications. The inert PEEK and titanium fittings complement the Higgins Analytical sorbents such as TARGA which was developed to enable LC-MS applications without TFA.

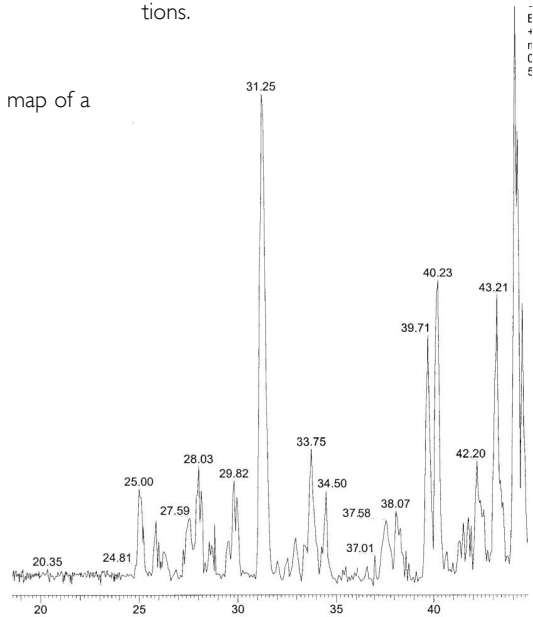
Our no nonsense testing procedure does not resort to sample and flow splitting techniques, inaccurate k' values, and miniscule chromatograms, as do some manufacturers, to illustrate column performance. The CofA's symmetrical peaks and the high resolution map speak for themselves.

Capellini - Back by Popular Demand

When Higgins Analytical introduced Capillary columns three years ago, we removed Capellini from our catalog, however, we continued to manufacture this design for customers that had been using it for several years. Somewhat to our surprise, Capellini sales have continued to grow and we still receive numerous product inquiries in spite of their absence from our literature. While Capillary columns are very efficient and cost effective (see page 40), we have found that many chromatographers prefer the symmetrical, flow reversible design and the 6-32 threaded end-fittings of Capellini. Even though Capellini are more expensive to manufacture and somewhat less efficient than Capillary columns, due to the end fitting design, they enjoy a wide variety of uses that involve flow reversal, such trap applications.

High Selectivity:

A partial 1.5µL/min LCMSMS map of a BSA tryptic digest.



CLIQUEUS Capillary Columns with 6-32 threads



CLIQUEUS C8 5µm	75µm and 150µm Capillary columns		
	50x0.075mm	100x0.075mm	150x0.075mm
	CFS-0507-C085	CFS-1007-C085	CFS-1507-C085
	50x0.150mm	100x0.150mm	150x0.150mm
	CFS-0515-C085	CFS-1015-C085	CFS-1515-C085
CLIQUEUS C18 5µm	75µm and 150µm Capillary columns		
	50x0.075mm	100x0.075mm	150x0.075mm
	CFS-0507-C185	CFS-1007-C185	CFS-1507-C185
	50x0.150mm	100x0.150mm	150x0.150mm
	CFS-0515-C185	CFS-1015-C185	CFS-1515-C185
CLIQUEUS Cyano 5µm	75µm and 150µm Capillary columns		
	50x0.075mm	100x0.075mm	150x0.075mm
	CFS-0507-CNP5	CFS-1007-CNP5	CFS-1507-CNP5
	50x0.150mm	100x0.150mm	150x0.150mm
	CFS-0515-CNP5	CFS-1015-CNP5	CFS-1515-CNP5
CLIQUEUS Phenyl 5µm	75µm and 150µm Capillary columns		
	50x0.075mm	100x0.075mm	150x0.075mm
	CFS-0507-PHN5	CFS-1007-PHN5	CFS-1507-PHN5
	50x0.150mm	100x0.150mm	150x0.150mm
	CFS-0515-PHN5	CFS-1015-PHN5	CFS-1515-PHN5
CLIQUEUS Silica 5µm	75µm and 150µm Capillary columns		
	50x0.075mm	100x0.075mm	150x0.075mm
	CFS-0507-SIL5	CFS-1007-SIL5	CFS-1507-SIL5
	50x0.150mm	100x0.150mm	150x0.150mm
	CFS-0515-SIL5	CFS-1015-SIL5	CFS-1515-SIL5

HAISIL100 Capillary Columns with 6-32 threads



HAISIL 100 C8 5µm	75µm and 150µm Capillary columns		
	50x0.075mm	100x0.075mm	150x0.075mm
	HFS-0507-M085	HFS-1007-M085	HFS-1507-M085
	50x0.150mm	100x0.150mm	150x0.150mm
	HFS-0515-M085	HFS-1015-M085	HFS-1515-M085
HAISIL 100 C18 5µm	75µm and 150µm Capillary columns		
	50x0.075mm	100x0.075mm	150x0.075mm
	HFS-0507-M185	HFS-1007-M185	HFS-1507-M185
	50x0.150mm	100x0.150mm	150x0.150mm
	HFS-0515-M185	HFS-1015-M185	HFS-1515-M185
HAISIL 100 Silica 5µm	75µm and 150µm Capillary columns		
	50x0.075mm	100x0.075mm	150x0.075mm
	HFS-0507-SIL5	HFS-1007-SIL5	HFS-1507-SIL5
	50x0.150mm	100x0.150mm	150x0.150mm
	HFS-0515-SIL5	HFS-1015-SIL5	HFS-1515-SIL5



CAPELLINI 6-32 (cont.)

CAPILLARY HPLC COLUMNS with 6-32 Thread PEEK/Ti Fittings



HAISIL300 Capillary Columns with 6-32 threads

HAISIL 300 C18 5µm	75µm and 150µm Capillary columns		
	50x0.075mm	100x0.075mm	150x0.075mm
	HFS-0507-W185	HFS-1007-W185	HFS-1507-W185
	50x0.150mm	100x0.150mm	150x0.150mm
	HFS-0515-W185	HFS-1015-W185	HFS-1515-W185

PROTO 200 Capillary Columns with 6-32 threads

200

PROTO 200 C4 5µm	75µm and 150µm Capillary columns		
	50x0.075mm	100x0.075mm	150x0.075mm
	RFS-0507-D045	RFS-1007-D045	RFS-1507-D045
	50x0.150mm	100x0.150mm	150x0.150mm
	RFS-0515-D045	RFS-1015-D045	RFS-1515-D045

PROTO 200 C18 5µm	75µm and 150µm Capillary columns		
	50x0.075mm	100x0.075mm	150x0.075mm
	RFS-0507-D185	RFS-1007-D185	RFS-1507-D185
	50x0.150mm	100x0.150mm	150x0.150mm
	RFS-0515-D185	RFS-1015-D185	RFS-1515-D185

PROTO 300 Capillary Columns with 6-32 threads



PROTO 300 C4 5µm	75µm and 150µm Capillary columns		
	50x0.075mm	100x0.075mm	150x0.075mm
	RFS-0507-W045	RFS-1007-W045	RFS-1507-W045
	50x0.150mm	100x0.150mm	150x0.150mm
	RFS-0515-W045	RFS-1015-W045	RFS-1515-W045

PROTO 300 C18 5µm	75µm and 150µm Capillary columns		
	50x0.075mm	100x0.075mm	150x0.075mm
	RFS-0507-W185	RFS-1007-W185	RFS-1507-W185
	50x0.150mm	100x0.150mm	150x0.150mm
	RFS-0515-W185	RFS-1015-W185	RFS-1515-W185



PHALANX Capillary Columns with 6-32 threads



PHALANX C18 5µm	75µm and 150µm Capillary columns		
50x0.075mm	100x0.075mm	150x0.075mm	
PFS-0507-C185	PFS-1007-C185	PFS-1507-C185	
50x0.150mm	100x0.150mm	150x0.150mm	
PFS-0515-C185	PFS-1015-C185	PFS-1515-C185	

TARGA Capillary Columns with 6-32 threads



TARGA C8 5µm	75µm and 150µm Capillary columns		
50x0.075mm	100x0.075mm	150x0.075mm	
TFS-0507-C085	TFS-1007-C085	TFS-1507-C085	
50x0.150mm	100x0.150mm	150x0.150mm	
TFS-0515-C085	TFS-1015-C085	TFS-1515-C085	

TARGA C18 3µm	75µm and 150µm Capillary columns		
50x0.075mm	100x0.075mm	150x0.075mm	
TFS-0507-C183	TFS-1007-C183	TFS-1507-C183	
50x0.150mm	100x0.150mm	150x0.150mm	
TFS-0515-C183	TFS-1015-C183	TFS-1515-C183	

TARGA C18 5µm	75µm and 150µm Capillary columns		
50x0.075mm	100x0.075mm	150x0.075mm	
TFS-0507-C185	TFS-1007-C185	TFS-1507-C185	
50x0.150mm	100x0.150mm	150x0.150mm	
TFS-0515-C185	TFS-1015-C185	TFS-1515-C185	



CAPELLINI 10-32

CAPILLARY HPLC COLUMNS with 10-32 Thread s.s. Fittings



Capillary HPLC Columns

Unique Features:

- 10-32 threads for standard fittings
- s.s. End Fittings/Titanium Frits
- Tested and supplied with CofA
- High performance
- Higgins Analytical Sorbents

Applications:

- LC-MS
- Microbore HPLC

Standard Sizes:

- 50 to 150 x 0.150mm
- 50 to 150 x 0.075mm
- Longer and shorter lengths available

Higgins Analytical Capellini have been popular with chromatographers requiring an easy-to-use and robust capillary HPLC column. The original Capellini (now called Capellini 6-32) were available only with 6-32 fittings. Now, we have another version for chromatographers preferring 10-32 thread fittings - Capellini 10-32. Another difference between the two versions of Capellini is that the 10-32 threads are stainless steel rather than PEEK. Both types are made with titanium frits on each end, providing inertness and flow direction reversability.

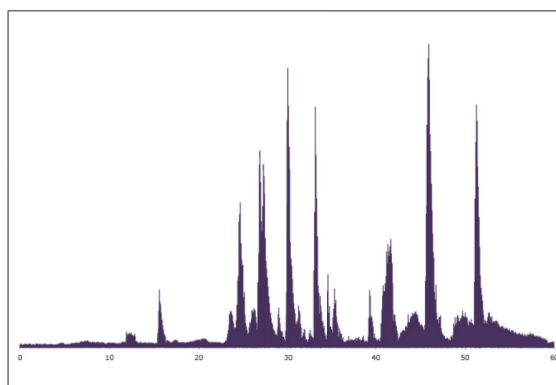
Guide to CAPELLINI 10-32 Part Numbers

xPS-xx07-xxxx 75µm CAPELLINI 10-32
 xPS-xx15-xxxx 150µm CAPELLINI 10-32

See Page 23 for complete Part Number information

Robust design with High Performance:

To the right, aBSA tryptic digest on a 150cm x 75µm Targa C18 5µm Capellini. P/N TC-1507-C185



CLIQUEUS Capillary Columns with 10-32 threads



CLIQUEUS C8 5µm	75µm and 150µm Capillary columns		
	50x0.075mm	100x0.075mm	150x0.075mm
	CPS-0507-C085	CPS-1007-C085	CPS-1507-C085
	50x0.150mm	100x0.150mm	150x0.150mm
	CPS-0515-C085	CPS-1015-C085	CPS-1515-C085

CLIQUEUS C18 5µm	75µm and 150µm Capillary columns		
	50x0.075mm	100x0.075mm	150x0.075mm
	CPS-0507-C185	CPS-1007-C185	CPS-1507-C185
	50x0.150mm	100x0.150mm	150x0.150mm
	CPS-0515-C185	CPS-1015-C185	CPS-1515-C185

CLIQUEUS Cyano 5µm	75µm and 150µm Capillary columns		
	50x0.075mm	100x0.075mm	150x0.075mm
	CPS-0507-CNP5	CPS-1007-CNP5	CPS-1507-CNP5
	50x0.150mm	100x0.150mm	150x0.150mm
	CPS-0515-CNP5	CPS-1015-CNP5	CPS-1515-CNP5

CLIQUEUS Phenyl 5µm	75µm and 150µm Capillary columns		
	50x0.075mm	100x0.075mm	150x0.075mm
	CPS-0507-PHN5	CPS-1007-PHN5	CPS-1507-PHN5
	50x0.150mm	100x0.150mm	150x0.150mm
	CPS-0515-PHN5	CPS-1015-PHN5	CPS-1515-PHN5

CLIQUEUS Silica 5µm	75µm and 150µm Capillary columns		
	50x0.075mm	100x0.075mm	150x0.075mm
	CPS-0507-SIL5	CPS-1007-SIL5	CPS-1507-SIL5
	50x0.150mm	100x0.150mm	150x0.150mm
	CPS-0515-SIL5	CPS-1015-SIL5	CPS-1515-SIL5

HAISIL100 Capillary Columns with 10-32 threads



HAISIL 100 C8 5µm	75µm and 150µm Capillary columns		
	50x0.075mm	100x0.075mm	150x0.075mm
	HPS-0507-M085	HPS-1007-M085	HPS-1507-M085
	50x0.150mm	100x0.150mm	150x0.150mm
	HPS-0515-M085	HPS-1015-M085	HPS-1515-M085

HAISIL 100 C18 5µm	75µm and 150µm Capillary columns		
	50x0.075mm	100x0.075mm	150x0.075mm
	HPS-0507-M185	HPS-1007-M185	HPS-1507-M185
	50x0.150mm	100x0.150mm	150x0.150mm
	HPS-0515-M185	HPS-1015-M185	HPS-1515-M185

HAISIL 100 Silica 5µm	75µm and 150µm Capillary columns		
	50x0.075mm	100x0.075mm	150x0.075mm
	HPS-0507-SIL5	HPS-1007-SIL5	HPS-1507-SIL5
	50x0.150mm	100x0.150mm	150x0.150mm
	HPS-0515-SIL5	HPS-1015-SIL5	HPS-1515-SIL5



CAPELLINI 10-32 (cont.)

CAPILLARY HPLC COLUMNS with 10-32 Thread s.s. Fittings



HAISIL300 Capillary Columns with 10-32 threads

HAISIL 300 C18 5µm	75µm and 150µm Capillary columns		
	50x0.075mm	100x0.075mm	150x0.075mm
	HPS-0507-W185	HPS-1007-W185	HPS-1507-W185
	50x0.150mm	100x0.150mm	150x0.150mm
	HPS-0515-W185	HPS-1015-W185	HPS-1515-W185

PROTO 200 Capillary Columns with 10-32 threads

200

PROTO 200 C4 5µm	75µm and 150µm Capillary columns		
	50x0.075mm	100x0.075mm	150x0.075mm
	RPS-0507-D045	RPS-1007-D045	RPS-1507-D045
	50x0.150mm	100x0.150mm	150x0.150mm
	RPS-0515-D045	RPS-1015-D045	RPS-1515-D045

PROTO 200 C18 5µm	75µm and 150µm Capillary columns		
	50x0.075mm	100x0.075mm	150x0.075mm
	RPS-0507-D185	RPS-1007-D185	RPS-1507-D185
	50x0.150mm	100x0.150mm	150x0.150mm
	RPS-0515-D185	RPS-1015-D185	RPS-1515-D185

PROTO 300 Capillary Columns with 10-32 threads

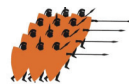


PROTO 300 C4 5µm	75µm and 150µm Capillary columns		
	50x0.075mm	100x0.075mm	150x0.075mm
	RPS-0507-W045	RPS-1007-W045	RPS-1507-W045
	50x0.150mm	100x0.150mm	150x0.150mm
	RPS-0515-W045	RPS-1015-W045	RPS-1515-W045

PROTO 300 C18 5µm	75µm and 150µm Capillary columns		
	50x0.075mm	100x0.075mm	150x0.075mm
	RPS-0507-W185	RPS-1007-W185	RPS-1507-W185
	50x0.150mm	100x0.150mm	150x0.150mm
	RPS-0515-W185	RPS-1015-W185	RPS-1515-W185



PHALANX Capillary Columns with I0-32 threads



PHALANX C18 5µm	75µm and 150µm Capillary columns		
50x0.075mm	100x0.075mm	150x0.075mm	
PPS-0507-C185	PPS-1007-C185	PPS-1507-C185	
50x0.150mm	100x0.150mm	150x0.150mm	
PPS-0515-C185	PPS-1015-C185	PPS-1515-C185	

TARGA Capillary Columns with I0-32 threads



TARGA C8 5µm	75µm and 150µm Capillary columns		
50x0.075mm	100x0.075mm	150x0.075mm	
TPS-0507-C085	TPS-1007-C085	TPS-1507-C085	
50x0.150mm	100x0.150mm	150x0.150mm	
TPS-0515-C085	TPS-1015-C085	TPS-1515-C085	

TARGA C18 3µm	75µm and 150µm Capillary columns		
50x0.075mm	100x0.075mm	150x0.075mm	
TPS-0507-C183	TPS-1007-C183	TPS-1507-C183	
50x0.150mm	100x0.150mm	150x0.150mm	
TPS-0515-C183	TPS-1015-C183	TPS-1515-C183	

TARGA C18 5µm	75µm and 150µm Capillary columns		
50x0.075mm	100x0.075mm	150x0.075mm	
TPS-0507-C185	TPS-1007-C185	TPS-1507-C185	
50x0.150mm	100x0.150mm	150x0.150mm	
TPS-0515-C185	TPS-1015-C185	TPS-1515-C185	

