



Note: Read the corresponding technical documentation for handling and safety reasons.

Science Together



DYNASEAL™ connection systems for HPLC

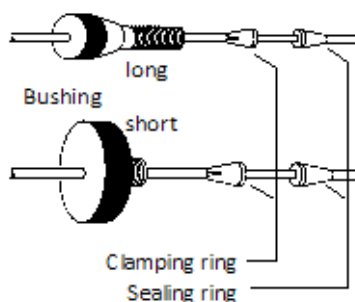
The ideal connection system for stainless steel, PEEK, Tefzel®, and PTFE capillaries and tubings:

The DYNASEAL™ connection system consists of a bushing, a split-grooved clamping ring and a sealing ring. These parts are pushed onto the capillary according to the figure below. The bushing is then to be tightened manually. Already at a slight contact pressure, the clamping ring fixes the capillary by a minor deformation.



Note: The DYNASEAL™ connection system is available for 1/16" (analytical) as well as for 1/8" (preparative) capillaries. The sealing and clamping rings can be substituted by one double-cone sealing ring.

The pressure resistance of the DYNASEAL™ connections depends on the used capillary and sealing:



Capillary	Sealing	Max. pressure
1/16" stainless steel	Clamping & sealing ring	450 bar
1/16" PEEK	Clamping & sealing ring	350 bar
1/16" stainless steel	Double-cone	350 bar
1/16" PEEK	Double-cone	150 bar
1/8" stainless steel	Clamping & sealing ring	150 bar
1/8" PEEK	Clamping & sealing ring	150 bar

Ordering information

Order no.	DYNASEAL connection systems
A0108	1/16", 4 short bushings, 4 clamping rings, 8 sealing rings
A0181	1/16", 3 long bushings, 4 sealing rings, 3 clamping rings
A1069	1/16", 5 long bushings, 5 double-cone sealing rings
A1020	1/16", 10 short bushings, 10 double-cone sealing rings
A0644	1/8", 4 short bushings M8 x 0.75, 4 clamping rings, 8 sealing rings
A0736	1/8", 4 long bushings M8 x 1, 4 clamping rings, 8 sealing rings

Order no.	DYNASEAL connection parts 1/16"	amount
A0139	Sealing rings for capillaries, PETP	30
A0140	Sealing rings for capillaries, PETP	100
A1062	Sealing rings for capillaries, PEEK	10
A1022	Double-cone sealing rings, PETP	10
A1070	Double-cone sealing rings, PEEK	10
A0484	Split-grooved clamping rings	4
A1021	Bushings for capillaries, short	10
A1064	Bushings for capillaries, long	5

Order no.	DYNASEAL connection parts 1/8"	amount
A0232	Sealing rings for capillaries, PETP	10
A1063	Sealing rings for capillaries, PEEK	10
A0738	Double-cone sealing rings, PETP	10
A1239	Split-grooved clamping rings	4
A1067	Bushings for capillaries, short M8 x 0.75	4
A0735	Bushings for capillaries, long M8 x 1	4