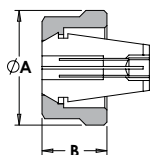
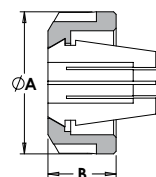


Clamping nuts acc. to DIN 6499 standard without internal coolant sealing



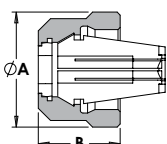
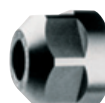
Note: For recommended tightening torque, please see page 56.

Order code	Type	A mm	B mm
69318	ER11	19	11.3
69518	ER16	28	17.5
70018	ER20	34	19.0

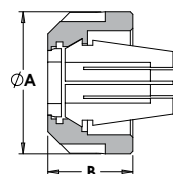


Order code	Type	A mm	B mm
69918	ER25	42	20.0
71118	ER32	50	22.5
71318	ER40	63	25.5
66018	ER50	78	35.3

Clamping nuts to DIN 6499 for internal coolant system, for use with sealing disks



Order code	Type	A mm	B mm
70116	ER16	28	22.5
70120	ER20	34	24.5



Order code	Type	A mm	B mm
70125	ER25	42	25.0
70132	ER32	50	27.5
70140	ER40	63	30.5
66050	ER50	78	42.5

Steel collet seals for use with coolant through steel collet models and sealing disk nuts.

Description #16 Series Seals	
Size	Catalog No.
Complete Set	70117
3-3.5mm (.118-.138)	70117-35
3.5-4mm (.138-.157)	70117-40
4-4.5mm (.157-.177)	70117-45
4.5-5mm (.177-.197)	70117-50
5-5.5mm (.197-.217)	70117-55
5.5-6mm (.217-.236)	70117-60
6-6.5mm (.236-.256)	70117-65
6.5-7mm (.256-.276)	70117-70
7-7.5mm (.276-.295)	70117-75
7.5-8mm (.295-.315)	70117-80
8-8.5mm (.315-.335)	70117-85
8.5-9mm (.335-.354)	70117-90
9-9.5mm (.354-.374)	70117-95
9.5-10mm (.374-.394)	70117-100

Description #20 Series Seals	
Size	Catalog No.
Complete Set	70121
3-3.5mm (.118-.138)	70121-35
3.5-4mm (.138-.157)	70121-40
4-4.5mm (.157-.177)	70121-45
4.5-5mm (.177-.197)	70121-50
5-5.5mm (.197-.217)	70121-55
5.5-6mm (.217-.236)	70121-60
6-6.5mm (.236-.256)	70121-65
6.5-7mm (.256-.276)	70121-70
7-7.5mm (.276-.295)	70121-75
7.5-8mm (.295-.315)	70121-80
8-8.5mm (.315-.335)	70121-85
8.5-9mm (.335-.354)	70121-90
9-9.5mm (.354-.374)	70121-95
9.5-10mm (.374-.394)	70121-100
10-10.5mm (.394-.413)	70121-105
10.5-11mm (.416-.433)	70121-110
11-11.5mm (.433-.453)	70121-115
11.5-12mm (.453-.472)	70121-120
12-12.5mm (.472-.492)	70121-125

Description #25 Series Seals	
Size	Catalog No.
Complete Set	70126
3-3.5mm (.118-.138)	70126-35
3.5-4mm (.138-.157)	70126-40
4-4.5mm (.157-.177)	70126-45
4.5-5mm (.177-.197)	70126-50
5-5.5mm (.197-.217)	70126-55
5.5-6mm (.217-.236)	70126-60
6-6.5mm (.236-.256)	70126-65
6.5-7mm (.256-.276)	70126-70
7-7.5mm (.276-.295)	70126-75
7.5-8mm (.295-.315)	70126-80
8-8.5mm (.315-.335)	70126-85
8.5-9mm (.335-.354)	70126-90
9-9.5mm (.354-.374)	70126-95
9.5-10mm (.374-.394)	70126-100
10-10.5mm (.394-.413)	70126-105
10.5-11mm (.416-.433)	70126-110
11-11.5mm (.433-.453)	70126-115
11.5-12mm (.453-.472)	70126-120
12-12.5mm (.472-.492)	70126-125
12.5-13mm (.492-.512)	70126-130
13-13.5mm (.512-.531)	70126-135
13.5-14mm (.531-.551)	70126-140
14-14.5mm (.551-.571)	70126-145
14.5-15mm (.571-.591)	70126-150
15-15.5mm (.591-.610)	70126-155
15.5-16mm (.610-.630)	70126-160

Description #32 Series Seals	
Size	Catalog No.
Complete Set	70133
3-3.5mm (.118-.138)	70133-35
3.5-4mm (.138-.157)	70133-40
4-4.5mm (.157-.177)	70133-45
4.5-5mm (.177-.197)	70133-50
5-5.5mm (.197-.217)	70133-55
5.5-6mm (.217-.236)	70133-60
6-6.5mm (.236-.256)	70133-65
6.5-7mm (.256-.276)	70133-70
7-7.5mm (.276-.295)	70133-75
7.5-8mm (.295-.315)	70133-80
8-8.5mm (.315-.335)	70133-85
8.5-9mm (.335-.354)	70133-90
9-9.5mm (.354-.374)	70133-95
9.5-10mm (.374-.394)	70133-100
10-10.5mm (.394-.413)	70133-105
10.5-11mm (.416-.433)	70133-110
11-11.5mm (.433-.453)	70133-115
11.5-12mm (.453-.472)	70133-120
12-12.5mm (.472-.492)	70133-125
12.5-13mm (.492-.512)	70133-130
13-13.5mm (.512-.531)	70133-135
13.5-14mm (.531-.551)	70133-140
14-14.5mm (.551-.571)	70133-145
14.5-15mm (.571-.591)	70133-150
15-15.5mm (.591-.610)	70133-155
15.5-16mm (.610-.630)	70133-160
16-16.5mm (.630-.650)	70133-165
16.5-17mm (.650-.670)	70133-170
17-17.5mm (.670-.690)	70133-175
17.5-18mm (.690-.710)	70133-180
18-18.5mm (.710-.730)	70133-185
18.5-19mm (.730-.748)	70133-190
19-19.5mm (.749-.767)	70133-195
19.5-20mm (.767-.787)	70133-200



Note: #40 and #50 seals also available on request

Also available, coolant flush disks for directing coolant down the tap shank.



■ on request