

Safety on the
first place!



Luxecasting
International Group



AUTOLOCK CAMLOCK COUPLINGS

CONTENT

AUTOLOCK CAMLOCK COUPLINGS

Technical informations	5
Autolock B, BW	6
Autolock C, CC	7
Autolock D, DC	8
Gaskets	9-12
Handles	12

Follow us on:





Luxecasting
International Group

AUTOLOCK CAMLOCK

Safety on the first place!



Normative Regulation:

EN 14420-7 / MIL A-A-59326 A / DIN 2828

Sizes:

From DN 3/4" up to DN 4"

Coupling Material:

Stainless Steel

Gaskets Material:

NBR, FPM, EPDM, PTFE, CSM, Envelop Gaskets

Working Pressure:

25 bars

Connection Mechanism:

Pushing the Safety levers from the female part



Safety
Regular
Production
Surveillance



www.tuv.com
ID 000082182



Patented
Handles



ON SITE PRODUCTION
100%
ON SITE PRODUCTION

STAINLESS STEEL CAMLOCK INVESTMENT CASTING PROCESS

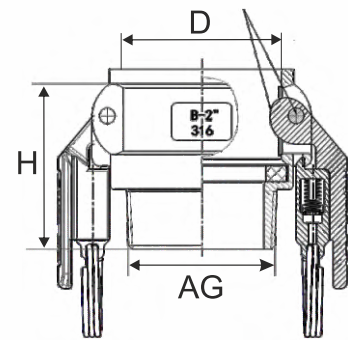
Wax pattern	Ceramic shell	Cut off & Grinding
		
Shot blasting	Assembly	
		



Autolock B

Patented Handles

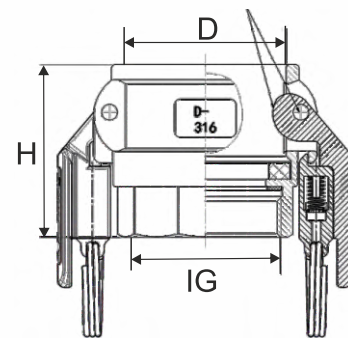
Name (B)	AG (Male Thread)	D (mm)	H (mm)
050	R2999-1/2"	24.8	43.5
075	R2999-3/4"	32.5	45
100	R2999-1"	37.3	54
125	R2999-1-1/4"	46	60.5
150	R2999-1-1/2"	54	62.5
200	R2999-2"	63.8	72
250	R2999-2-1/2"	76	75
300	R2999-3"	92.5	82
400	R2999-4"	120.3	86.5



Autolock D

Patented Handles

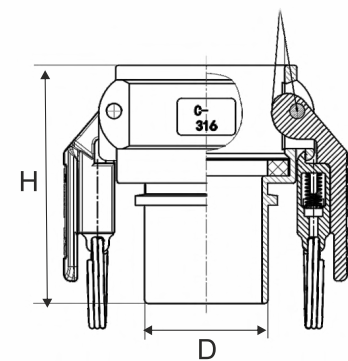
Name (D)	IG (Female Thread)	D (mm)	H (mm)
050	1/2"	24.8	43.5
075	3/4"	32.5	45
100	1"	37.3	54
125	1-1/4"	46	60.5
150	1-1/2"	54	62.5
200	2"	63.8	72
250	2-1/2"	76	75
300	3"	92.5	82
400	4"	120.3	86.5



CC (According EN 14420-7)

Patented Handles

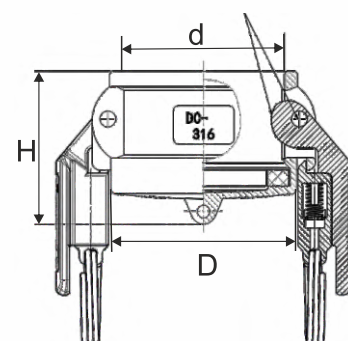
Name (CC)	Size	D (mm)	H (mm)
050	1/2"	15	72.6
075	3/4"	21	83.5
100	1"	27.3	98
125	1-1/4"	34	101.1
150	1-1/2"	40.6	109
200	2"	53	124
250	2-1/2"	66.7	138
300	3"	78.8	160
400	4"	104.5	168



Autolock DC

Patented Handles

Name (DC)	Size	D (mm)	d (mm)	H (mm)
050	1/2"	33	24.8	35
075	3/4"	40	32.5	38.5
100	1"	46	37.3	44.5
125	1-1/4"	56	46	49.5
150	1-1/2"	64	54	52
200	2"	74	63.8	57
250	2-1/2"	87	76.5	59.5
300	3"	105	92.5	65
400	4"	134	120.3	66





Autolock B (Male NPT Thread)

Material: Stainless Steel

Name	Thread	Code	Weight (KG)	Gasket	Material
050	1/2"	L1022292	0.12	NBR	SS
075	3/4"	L1022295	0.2	NBR	SS
100	1"	L1022298	0.29	NBR	SS
125	1-1/4"	L1022301	0.47	NBR	SS
150	1-1/2"	L1022304	0.54	NBR	SS
200	2"	L1022307	0.67	NBR	SS
250	2-1/2"	L1022310	1.14	NBR	SS
300	3"	L1022313	1.35	NBR	SS
400	4"	L1022316	1.97	NBR	SS



Autolock B, BW

Autolock B (Male BSPT Thread)

Material: Stainless Steel

Name	Thread	Code	Weight (KG)	Gasket	Material
050	R2999-1/2"	L1022293	0.12	NBR	SS
075	R2999-3/4"	L1022296	0.2	NBR	SS
100	R2999-1"	L1022299	0.29	NBR	SS
125	R2999-1-1/4"	L1022302	0.47	NBR	SS
150	R2999-1-1/2"	L1022305	0.54	NBR	SS
200	R2999-2"	L1022308	0.67	NBR	SS
250	R2999-2-1/2"	L1022311	1.14	NBR	SS
300	R2999-3"	L1022314	1.35	NBR	SS
400	R2999-4"	L1022317	1.97	NBR	SS



Autolock BW welding

Material: Stainless Steel

Name	Weld Size	Code	Weight (KG)	Gasket	Material
DN15	21. 3*2. 3	L1022340	0.12	NBR	SS
DN20	26. 9*2. 3	L1022341	0.20	NBR	SS
DN25	33. 7*2. 6	L1022342	0.29	NBR	SS
DN32	42. 2*2. 6	L1022343	0.47	NBR	SS
DN40	48. 3*2. 6	L1022344	0.54	NBR	SS
DN50	60. 3*2. 9	L1022345	0.67	NBR	SS
DN65	76. 1*2. 9	L1022346	1.14	NBR	SS
DN80	88. 9*3. 2	L1022347	1.35	NBR	SS
DN100	114. 3*3. 6	L1022348	1.97	NBR	SS





Autolock C-Grooved shank

Material: Stainless Steel

Name	Size	Code	Weight (KG)	Gasket	Material
050	1/2"	L1023232	0.12	NBR	SS
075	3/4"	L1023235	0.2	NBR	SS
100	1"	L1023238	0.29	NBR	SS
125	1-1/4"	L1023241	0.47	NBR	SS
150	1-1/2"	L1023244	0.54	NBR	SS
200	2"	L1023247	0.67	NBR	SS
250	2-1/2"	L1023250	1.14	NBR	SS
300	3"	L1023253	1.35	NBR	SS
400	4"	L1023256	1.97	NBR	SS



Autolock C-Serrated shank

Material: Stainless Steel

Name	Size	Code	Weight (KG)	Gasket	Material
050	1/2"	L1023234	0.12	NBR	SS
075	3/4"	L1023237	0.2	NBR	SS
100	1"	L1023240	0.29	NBR	SS
125	1-1/4"	L1023243	0.47	NBR	SS
150	1-1/2"	L1023246	0.54	NBR	SS
200	2"	L1023249	0.67	NBR	SS
250	2-1/2"	L1023252	1.14	NBR	SS
300	3"	L1023255	1.35	NBR	SS
400	4"	L1023258	1.97	NBR	SS



*Suitable for Crimping Ferrules.

CC (According EN 14420-7)

Material: Stainless Steel

Name	Size	Code	Weight (KG)	Gasket	Material
050	1/2"	L1023233	0.12	NBR	SS
075	3/4"	L1023236	0.2	NBR	SS
100	1"	L1023239	0.29	NBR	SS
125	1-1/4"	L1023242	0.47	NBR	SS
150	1-1/2"	L1023245	0.54	NBR	SS
200	2"	L1023248	0.67	NBR	SS
250	2-1/2"	L1023251	1.14	NBR	SS
300	3"	L1023254	1.35	NBR	SS
400	4"	L1023257	1.97	NBR	SS



*Suitable for Safety Clamps and Crimping Ferrules.



Autolock D (Female NPT Thread)

Material: Stainless Steel

Name	Thread	Code	Weight (KG)	Gasket	Material
050	1/2"	L1024333	0.13	NBR	SS
075	3/4"	L1024337	0.23	NBR	SS
100	1"	L1024341	0.31	NBR	SS
125	1-1/4"	L1024345	0.49	NBR	SS
150	1-1/2"	L1024349	0.55	NBR	SS
200	2"	L1024353	0.71	NBR	SS
250	2-1/2"	L1024357	1.01	NBR	SS
300	3"	L1024361	1.31	NBR	SS
400	4"	L1024365	2.14	NBR	SS



Autolock D, DC

Autolock D (Female BSPP Thread)

Material: Stainless Steel

Name	Thread	Code	Weight (KG)	Gasket	Thread Gasket	Material
050	ISO 228-1/2"	L1024335	0.13	NBR	PTFE	SS
075	ISO 228-3/4"	L1024339	0.23	NBR	PTFE	SS
100	ISO 228-1"	L1024343	0.31	NBR	PTFE	SS
125	ISO 228-1-1/4"	L1024347	0.49	NBR	PTFE	SS
150	ISO 228-1-1/2"	L1024351	0.55	NBR	PTFE	SS
200	ISO 228-2"	L1024355	0.71	NBR	PTFE	SS
250	ISO 228-2-1/2"	L1024359	1.01	NBR	PTFE	SS
300	ISO 228-3"	L1024363	1.31	NBR	PTFE	SS
400	ISO 228-4"	L1024367	2.14	NBR	PTFE	SS



Autolock DC

Material: Stainless Steel

Name	Size	Code	Weight (KG)	Gasket	Material
050	1/2"	L1028269	0.13	NBR	SS
075	3/4"	L1028270	0.18	NBR	SS
100	1"	L1028271	0.25	NBR	SS
125	1-1/4"	L1028272	0.43	NBR	SS
150	1-1/2"	L1028273	0.51	NBR	SS
200	2"	L1028274	0.76	NBR	SS
250	2-1/2"	L1028275	0.84	NBR	SS
300	3"	L1028276	1.01	NBR	SS
400	4"	L1028277	1.73	NBR	SS

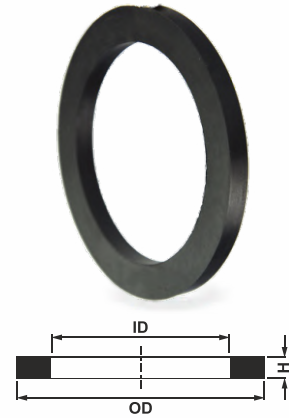




Gasket-NBR

Material: NBR

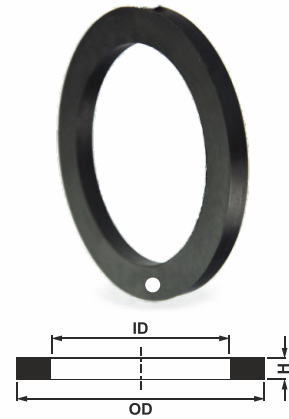
Name	Size	Code	OD	ID	H	Material
DN15	1/2"	L1090017	26.5	17.5	4.0	NBR Black ●
DN20	3/4"	L1090076	35	22	5.5	NBR Black ●
DN25	1"	L1090077	40	27	6.4	NBR Black ●
DN32	1-1/4"	L1090078	50	35	6.4	NBR Black ●
DN40	1-1/2"	L1090079	56	41	6.4	NBR Black ●
DN50	2"	L1090080	67	51	6.4	NBR Black ●
DN65	2-1/2"	L1090081	80	60	6.4	NBR Black ●
DN80	3"	L1090082	95	76	6.4	NBR Black ●
DN100	4"	L1090083	124	102	6.4	NBR Black ●



Gasket-EPDM

Material: EPDM

Name	Size	Code	OD	ID	H	Material
DN15	1/2"	L1090099	26.5	17.5	4.0	EPDM Black ●
DN20	3/4"	L1090100	35	22	5.5	EPDM Black ●
DN25	1"	L1090101	40	27	6.4	EPDM Black ●
DN32	1-1/4"	L1090102	50	35	6.4	EPDM Black ●
DN40	1-1/2"	L1090103	56	41	6.4	EPDM Black ●
DN50	2"	L1090104	67	51	6.4	EPDM Black ●
DN65	2-1/2"	L1090105	80	60	6.4	EPDM Black ●
DN80	3"	L1090106	95	76	6.4	EPDM Black ●
DN100	4"	L1090107	124	102	6.4	EPDM Black ●



Gasket-FPM (Viton®)

Material: FPM

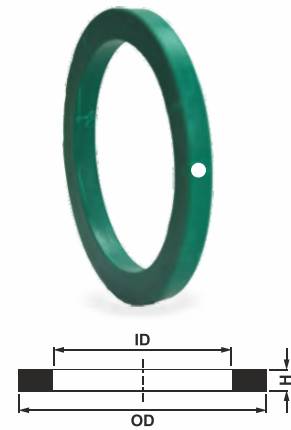
Name	Size	Code	OD	ID	H	Material
DN15	1/2"	L1090135	26.5	17.5	4.0	FPM Green ●
DN20	3/4"	L1090136	35	22	5.5	FPM Green ●
DN25	1"	L1090137	40	27	6.4	FPM Green ●
DN32	1-1/4"	L1090138	50	35	6.4	FPM Green ●
DN40	1-1/2"	L1090139	56	41	6.4	FPM Green ●
DN50	2"	L1090140	67	51	6.4	FPM Green ●
DN65	2-1/2"	L1090141	80	60	6.4	FPM Green ●
DN80	3"	L1090142	95	76	6.4	FPM Green ●
DN100	4"	L1090143	124	102	6.4	FPM Green ●



Gasket-CSM (Hypalon®)

Material: CSM

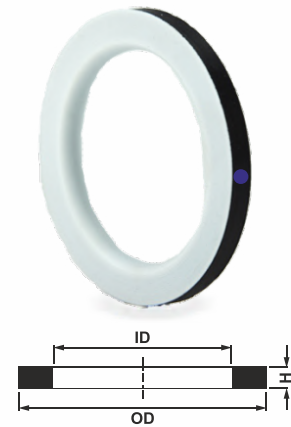
Name	Size	Code	OD	ID	H	Material
DN15	1/2"	L1090147	26.5	17.5	4.0	CSM Green ●
DN20	3/4"	L1090148	35	22	5.5	CSM Green ●
DN25	1"	L1090149	40	27	6.4	CSM Green ●
DN32	1-1/4"	L1090150	50	35	6.4	CSM Green ●
DN40	1-1/2"	L1090151	56	41	6.4	CSM Green ●
DN50	2"	L1090152	67	51	6.4	CSM Green ●
DN65	2-1/2"	L1090153	80	60	6.4	CSM Green ●
DN80	3"	L1090154	95	76	6.4	CSM Green ●
DN100	4"	L1090155	124	102	6.4	CSM Green ●



Gasket PTFE-NBR

Material: PTFE-NBR

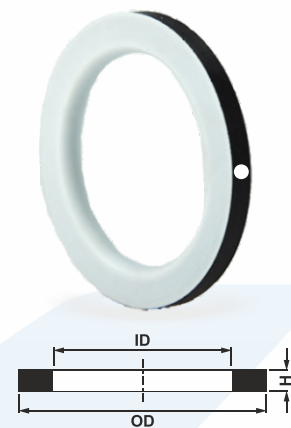
Name	Size	Code	OD	ID	H	Material
DN15	1/2"	L1090037	26.5	17.5	4.0	PTFE-NBR White-Black ▶
DN20	3/4"	L1090219	35	22	5.5	PTFE-NBR White-Black ▶
DN25	1"	L1090220	40	27	6.4	PTFE-NBR White-Black ▶
DN32	1-1/4"	L1090221	50	35	6.4	PTFE-NBR White-Black ▶
DN40	1-1/2"	L1090222	56	41	6.4	PTFE-NBR White-Black ▶
DN50	2"	L1090223	67	51	6.4	PTFE-NBR White-Black ▶
DN65	2-1/2"	L1090224	80	60	6.4	PTFE-NBR White-Black ▶
DN80	3"	L1090225	95	76	6.4	PTFE-NBR White-Black ▶
DN100	4"	L1090226	124	102	6.4	PTFE-NBR White-Black ▶



Gasket PTFE-EPDM

Material: PTFE-EPDM

Name	Size	Code	OD	ID	H	Material
DN15	1/2"	L1090195	26.5	17.5	4.0	PTFE-EPDM White-Black ▶
DN20	3/4"	L1090196	35	22	5.5	PTFE-EPDM White-Black ▶
DN25	1"	L1090197	40	27	6.4	PTFE-EPDM White-Black ▶
DN32	1-1/4"	L1090198	50	35	6.4	PTFE-EPDM White-Black ▶
DN40	1-1/2"	L1090199	56	41	6.4	PTFE-EPDM White-Black ▶
DN50	2"	L1090200	67	51	6.4	PTFE-EPDM White-Black ▶
DN65	2-1/2"	L1090201	80	60	6.4	PTFE-EPDM White-Black ▶
DN80	3"	L1090202	95	76	6.4	PTFE-EPDM White-Black ▶
DN100	4"	L1090203	124	102	6.4	PTFE-EPDM White-Black ▶

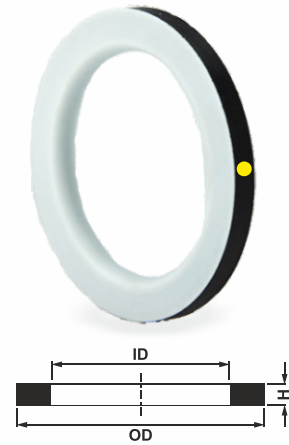




Gasket PTFE-FPM

Material: PTFE-FPM

Name	Size	Code	OD	ID	H	Material
DN15	1/2"	L1090207	26.5	17.5	4.0	PTFE-FPM White-Black
DN20	3/4"	L1090208	35	22	5.5	PTFE-FPM White-Black
DN25	1"	L1090209	40	27	6.4	PTFE-FPM White-Black
DN32	1-1/4"	L1090210	50	35	6.4	PTFE-FPM White-Black
DN40	1-1/2"	L1090211	56	41	6.4	PTFE-FPM White-Black
DN50	2"	L1090212	67	51	6.4	PTFE-FPM White-Black
DN65	2-1/2"	L1090213	80	60	6.4	PTFE-FPM White-Black
DN80	3"	L1090214	95	76	6.4	PTFE-FPM White-Black
DN100	4"	L1090215	124	102	6.4	PTFE-FPM White-Black



Thread Gasket-PTFE

Material: PTFE

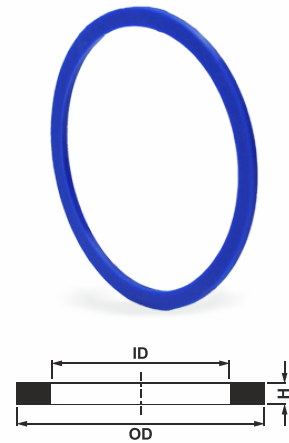
Name	Size	Code	OD	ID	H	Material
DN15	1/2"	L1090171	26	19	1.5	PTFE White
DN20	3/4"	L1090172	33	24	2	PTFE White
DN25	1"	L1090173	42	33	2	PTFE White
DN32	1-1/4"	L1090174	48	39	2	PTFE White
DN40	1-1/2"	L1090175	60	49	2	PTFE White
DN50	2"	L1090176	76	63	2	PTFE White
DN65	2-1/2"	L1090177	88	77	2.5	PTFE White
DN80	3"	L1090178	114	100	3	PTFE White
DN100	4"	L1090179	124	102	3	PTFE White



Thread Gasket-PU

Material: PU

Name	Size	Code	OD	ID	H	Material
DN15	1/2"	L9001873	26	19	1.5	PU Blue
DN20	3/4"	L9001874	33	24	2	PU Blue
DN25	1"	L9001875	42	33	2	PU Blue
DN32	1-1/4"	L9001876	48	39	2	PU Blue
DN40	1-1/2"	L9001877	60	49	2	PU Blue
DN50	2"	L9001878	76	63	2	PU Blue
DN65	2-1/2"	L9001879	88	77	2.5	PU Blue
DN80	3"	L9001880	114	100	3	PU Blue
DN100	4"	L9001881	124	102	3	PU Blue

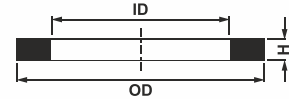




Thread Gasket-NBR

Material: NBR

Name	Size	Code	OD	ID	H	Material
DN15	1/2"	L9001825	26	19	1.5	NBR Black ●
DN20	3/4"	L9001826	33	24	2	NBR Black ●
DN25	1"	L9001827	42	33	2	NBR Black ●
DN32	1-1/4"	L9001828	48	39	2	NBR Black ●
DN40	1-1/2"	L9001829	60	49	2	NBR Black ●
DN50	2"	L9001830	76	63	2	NBR Black ●
DN65	2-1/2"	L9001831	88	77	2.5	NBR Black ●
DN80	3"	L9001832	114	100	3	NBR Black ●
DN100	4"	L9001833	124	102	3	NBR Black ●



Handle Set: ring+pin+clip

Material: Stainless Steel

Name	Size	Code	Material
DN15-20	1/2"-3/4"	L1009103	SS
DN25	1"	L1009104	SS
DN32-65	1-1/4"-2-1/2"	L1009105	SS
DN80-100	3"-4"	L1009106	SS



Pull Ring

Material: Stainless Steel

Name	Size	Code	Material
DN15-20	1/2"-1"	L1090289	SS
DN32-65	1-1/4"-2-1/2"	L1090290	SS
DN80-100	3"-4"	L1090291	SS



Pin

Material: Stainless Steel

Name	Size	Code	Material
DN15-20	1/2"-3/4"	L1090233	SS
DN25	1"	L1090234	SS
DN32-65	1-1/4"-2-1/2"	L1090237	SS
DN80-100	3"-4"	L1090238	SS



Safety Clip

Material: Stainless Steel

Name	Code	Material
SAFETY CLIP	L1090046	SS



Luxecasting Europe GmbH

Emil-Beeril-Str.17

D-40822 Mettmann, Germany



+49 (0) 21045 0839 21



info.europe@luxecasting.com

Luxecasting Germany GmbH

Elisabethstrasse 51

D-32791 Lage, Germany



+49 (0) 5232 9226 0



info.germany@luxecasting.com

Luxecasting Poland Bodtech Sp. z o.o.

Mszańska 1a

44-304 Wodzisław Śląski, Poland



+48 (0) 501 407 254



export.poland@luxecasting.com

Luxecasting Machinery Co., Ltd

G320 New Century Industrial Park

Gao'an City, Yichun, Jiangxi 330800, China



+86 795 7066681



info@luxecasting.com



**Luxecasting
International Group**