

CN

DESCRIPTION

Nitrile collar with symmetrical lips.

MATERIAL

Topology: NBR Nitrile rubber.

Designation: RUBSEAL 90

Hardness: 90° Sh A

OPERATING CONDITIONS

Speed: < 0.5 m/sec.

Pressure: < 120 Bar.

Temperature: - 30 to + 100°C

EXTRUSION GAP "G"

The maximum coupling clearance on the side opposite to the pressure direction.

° 50 bar. 0.55 mm

° 100 bar. 0.40 mm

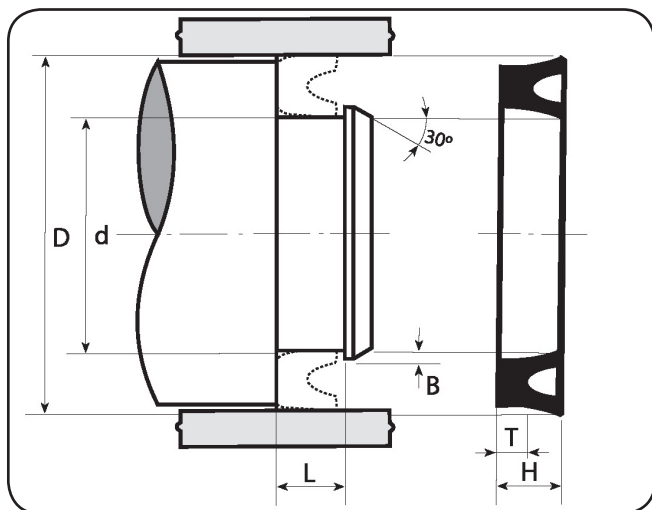
° 120 bar. 0.35 mm

SURFACE ROUGHNESS

Dynamic surface $R_a < 0.3 \mu\text{m}$ $R_t < 2.5 \mu\text{m}$

Static surface $R_a < 1.6 \mu\text{m}$ $R_t < 6.3 \mu\text{m}$

COLLAR WITH SYMMETRICAL LIPS



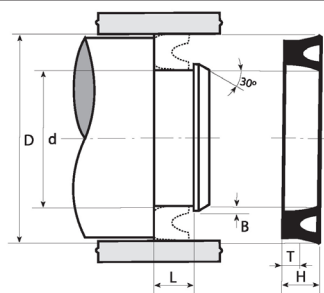
MAIN FEATURES

The CN seal is designed for use as a piston rod and piston seal, both in hydraulic and pneumatic assemblies. The material used to manufacture this collar is a nitrile rubber with a 90° Sh A hardness that ensures good resistance to abrasion.

Being a seal with an old design, it can only be used at low pressures.

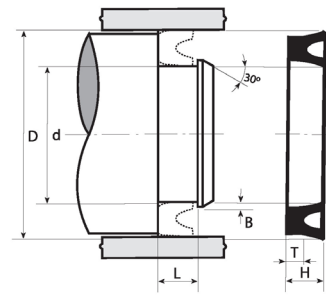
- ° Cost-effective solution
- ° Excellent wear resistance
- ° Good resistance to temperature
- ° Easy installation and assembly

•The "D" and "d" dimensions in black are those recommended by the CETOP standard.

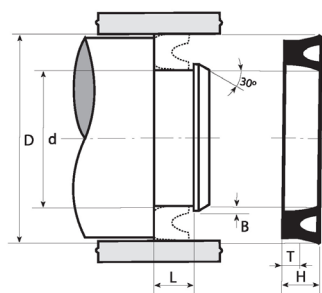
CN

TYPE	ØExt.	Øint.	Ht.	Reference	D H8	d f7	H	T	L + 0.2	B
CN	12.00	5.00	5.00	CN125	12.00	5.00	5.00	2.20	6.50	1
CN	15.00	8.00	6.00	CN158	15.00	8.00	6.00	3.80	7.50	1
CN	16.00	8.00	6.00	CN168	16.00	8.00	6.00	3.00	7.50	1
CN	17.00	6.00	6.00	CN176	17.00	6.00	6.00	3.00	7.50	1
CN	18.00	6.00	8.00	CN186	18.00	6.00	8.00	4.00	9.50	1
CN	20.00	6.00	8.00	CN206	20.00	6.00	8.00	4.00	9.50	1
CN	20.00	10.00	8.00	CN20108	20.00	10.00	8.00	4.00	9.50	1
CN	22.00	10.00	6.00	CN2210	22.00	10.00	6.00	3.00	7.50	1
CN	24.00	12.00	6.00	CN2412	24.00	12.00	6.00	3.00	7.50	1
CN	25.00	8.00	6.00	CN258	25.00	8.00	6.00	3.00	7.50	1
CN	25.00	10.00	10.00	CN251010	25.00	10.00	10.00	5.00	11.50	1
CN	26.00	10.00	8.00	CN2610	26.00	10.00	8.00	4.00	9.50	1
CN	28.00	12.00	10.00	CN2812	28.00	12.00	10.00	5.00	11.50	1
CN	28.00	14.00	10.00	CN281410	28.00	14.00	10.00	5.00	11.50	1
CN	30.00	10.00	10.00	CN3010	30.00	10.00	10.00	5.00	11.50	1
CN	30.00	13.00	10.00	CN3013	30.00	13.00	10.00	5.00	11.50	1
CN	30.00	15.00	8.00	CN3015	30.00	15.00	8.00	4.00	9.50	1
CN	30.00	15.00	10.00	CN301510	30.00	15.00	10.00	5.00	11.50	1
CN	30.00	18.00	10.00	CN301810	30.00	18.00	10.00	5.00	11.50	1
CN	32.00	14.00	10.00	CN3214	32.00	14.00	10.00	5.00	11.50	1
CN	32.00	16.00	8.00	CN3216	32.00	16.00	8.00	4.00	9.50	1
CN	34.00	18.00	8.00	CN3418	34.00	18.00	8.00	4.00	9.50	1
CN	34.00	22.00	10.00	CN342210	34.00	22.00	10.00	5.00	11.50	1
CN	35.00	12.00	12.00	CN3512	35.00	12.00	12.00	6.00	13.50	1
CN	35.00	15.00	10.00	CN3515	35.00	15.00	10.00	5.00	11.50	1
CN	35.00	20.00	10.00	CN352010	35.00	20.00	10.00	5.00	11.50	1
CN	36.00	16.00	10.00	CN3616	36.00	16.00	10.00	5.00	11.50	1
CN	36.00	20.00	8.00	CN3620	36.00	20.00	8.00	4.00	9.50	1
CN	38.00	17.00	10.00	CN3817	38.00	17.00	10.00	5.00	11.50	1
CN	38.00	18.00	10.00	CN3818	38.00	18.00	10.00	5.00	11.50	1
CN	38.00	22.00	10.00	CN382210	38.00	22.00	10.00	5.00	11.50	1
CN	40.00	18.00	10.00	CN4018	40.00	18.00	10.00	5.00	11.50	1
CN	38.00	22.00	10.00	CN382210	38.00	22.00	10.00	5.00	11.50	1
CN	40.00	18.00	10.00	CN4018	40.00	18.00	10.00	5.00	11.50	1
CN	40.00	20.00	10.00	CN4020	40.00	20.00	10.00	5.00	11.50	1
CN	40.00	25.00	10.00	CN402510	40.00	25.00	10.00	5.00	11.50	1
CN	42.00	22.00	10.00	CN4222	42.00	22.00	10.00	5.00	11.50	1
CN	42.00	25.00	8.00	CN4225	42.00	25.00	8.00	4.00	9.50	1
CN	43.00	20.00	12.00	CN4320	43.00	20.00	12.00	6.00	13.50	1
CN	45.00	25.00	10.00	CN455	45.00	25.00	10.00	5.00	11.50	1
CN	45.00	30.00	10.00	CN4530	45.00	30.00	10.00	5.00	11.50	2

CN



TYPE	ØExt.	Øint.	Ht.	Reference	D H8	d f7	H	T	L + 0.2	B
CN	45.00	32.00	10.00	CN453210	45.00	32.00	10.00	5.00	11.50	2
CN	46.00	26.00	10.00	CN4626	46.00	26.00	10.00	5.00	11.50	2
CN	48.00	28.00	10.00	CN4828	48.00	28.00	10.00	5.00	11.50	2
CN	50.00	25.00	12.00	CN5025	50.00	25.00	12.00	6.00	13.50	2
CN	50.00	30.00	10.00	CN5030	50.00	30.00	10.00	5.00	11.50	2
CN	50.00	35.00	10.00	CN503510	50.00	35.00	10.00	5.00	11.50	2
CN	52.00	32.00	10.00	CN5232	52.00	32.00	10.00	5.00	11.50	2
CN	55.00	35.00	10.00	CN5535	55.00	35.00	10.00	5.00	11.50	2
CN	56.00	40.00	10.00	CN564010	56.00	40.00	10.00	5.00	11.50	2
CN	58.00	38.00	10.00	CN5838	58.00	38.00	10.00	5.00	11.50	2
CN	60.00	30.00	15.00	CN6030	60.00	30.00	15.00	7.50	16.50	2
CN	60.00	35.00	12.00	CN6035	60.00	35.00	12.00	6.00	13.50	2
CN	60.00	40.00	10.00	CN6040	60.00	40.00	10.00	5.00	11.50	2
CN	65.00	40.00	12.00	C06540	65.00	40.00	12.00	6.00	13.50	2
CN	65.00	45.00	10.00	CN6545	65.00	45.00	10.00	5.00	11.50	2
CN	68.00	48.00	10.00	CN6848	68.00	48.00	10.00	5.00	11.50	2
CN	70.00	46.00	12.00	CN7046	70.00	46.00	12.00	6.00	13.50	2
CN	70.00	50.00	10.00	CN7050	70.00	50.00	10.00	5.00	11.50	2
CN	75.00	55.00	10.00	CN7555	75.00	55.00	10.00	5.00	11.50	2
CN	80.00	55.00	12.00	CN8055	80.00	55.00	12.00	6.00	13.50	2
CN	80.00	60.00	10.00	CN8060	80.00	60.00	10.00	5.00	11.50	2
CN	85.00	55.00	15.00	CN8555	85.00	55.00	15.00	7.50	16.50	2
CN	85.00	65.00	10.00	CN8565	85.00	65.00	10.00	5.00	11.50	2
CN	90.00	60.00	15.00	CN9060	90.00	60.00	15.00	7.50	16.50	2
CN	90.00	65.00	12.00	CN9065	90.00	65.00	12.00	6.00	13.50	2
CN	90.00	70.00	10.00	CN9070	90.00	70.00	10.00	5.00	11.50	2
CN	95.00	65.00	12.00	CN9565	95.00	65.00	12.00	6.00	13.50	2
CN	95.00	75.00	10.00	CN9575	95.00	75.00	10.00	5.00	11.50	2
	100.00	75.00	15.00	CN10075	100.00	75.00	15.00	7.50	16.50	2
CN	100.00	80.00	10.00	CN10080	100.00	80.00	10.00	5.00	11.50	2
CN	105.00	75.00	15.00	CN10575	105.00	75.00	15.00	7.50	16.50	2
CN	105.00	80.00	12.00	CN10580	105.00	80.00	12.00	6.00	13.50	2
CN	105.00	85.00	10.00	CN10585	105.00	85.00	10.00	5.00	11.50	2
CN	110.00	80.00	15.00	CN11080	110.00	80.00	15.00	7.50	16.50	2
CN	110.00	85.00	12.00	CN11085	110.00	85.00	12.00	6.00	13.50	2
CN	110.00	90.00	10.00	CN11090	110.00	90.00	10.00	5.00	11.50	2
CN	115.00	85.00	15.00	CN11585	115.00	85.00	15.00	7.50	16.50	2
CN	115.00	85.00	15.00	CN11585	115.00	85.00	15.00	7.50	16.50	2
CN	115.00	95.00	10.00	CN11595	115.00	95.00	10.00	5.00	11.50	2
CN	120.00	90.00	15.00	CN12090	120.00	90.00	15.00	7.50	16.50	2
CN	120.00	100.00	10.00	CN120100	120.00	100.00	10.00	5.00	11.50	2

CN

TYPE	ØExt.	Øint.	Ht.	Reference	D H8	d f7	H	T	L+ 0.2	B
CN	125.00	95.00	15.00	CN12595	125.00	95.00	15.00	7.50	16.50	2
CN	125.00	100.00	12.00	CN125100	125.00	100.00	12.00	6.00	13.50	2
CN	130.00	100.00	15.00	CN130100	130.00	100.00	15.00	7.50	16.50	2
CN	135.00	110.00	12.00	CN135110	135.00	110.00	12.00	6.00	13.50	2.5
CN	140.00	110.00	15.00	CN140110	140.00	110.00	15.00	7.50	16.50	2.5
CN	140.00	120.00	10.00	CN140120	140.00	120.00	10.00	5.00	11.50	2.5
CN	145.00	115.00	12.00	CN145115	145.00	115.00	12.00	6.00	13.50	2.5
CN	150.00	120.00	15.00	CN150120	150.00	120.00	15.00	7.50	16.50	2.5
CN	150.00	125.00	18.00	CN150125	150.00	125.00	18.00	9.00	19.50	2.5
CN	155.00	125.00	15.00	CN155125	155.00	125.00	15.00	7.50	16.50	2.5
CN	160.00	130.00	15.00	CN160130	160.00	130.00	15.00	7.50	16.50	2.5
CN	160.00	135.00	18.00	CN160135	160.00	135.00	18.00	9.00	19.50	2.5
CN	165.00	140.00	18.00	CN165140	165.00	140.00	18.00	9.00	19.50	2.5
CN	170.00	140.00	15.00	CN170140	170.00	140.00	15.00	7.50	16.50	2.5
CN	175.00	145.00	15.00	CN175145	175.00	145.00	15.00	7.50	16.50	2.5
CN	180.00	150.00	15.00	CN180150	180.00	150.00	15.00	7.50	16.50	2.5
CN	190.00	160.00	15.00	CN190160	190.00	160.00	15.00	7.50	16.50	2.5
CN	200.00	160.00	20.00	CN200160	200.00	160.00	20.00	10.00	21.50	2.5
CN	200.00	170.00	15.00	CN200170	200.00	170.00	15.00	7.50	16.50	2.5
CN	210.00	170.00	20.00	CN210170	210.00	170.00	20.00	10.00	21.50	2.5
CN	210.00	180.00	22.00	CN210180	210.00	180.00	22.00	11.00	23.50	2.5
CN	220.00	180.00	20.00	CN220180	220.00	180.00	20.00	10.00	21.50	2.5
CN	220.00	190.00	15.00	CN220190	220.00	190.00	15.00	7.50	16.50	2.5
CN	225.00	195.00	15.00	CN225195	225.00	195.00	15.00	7.50	16.50	2.5
CN	230.00	200.00	15.00	CN230200	230.00	200.00	15.00	7.50	16.50	2.5
CN	240.00	200.00	20.00	CN240200	240.00	200.00	20.00	10.00	21.50	2.5
CN	250.00	210.00	20.00	CN250210	250.00	210.00	20.00	10.00	21.50	2.5
CN	260.00	220.00	20.00	CN260220	260.00	220.00	20.00	10.00	21.50	2.5
CN	270.00	230.00	20.00	CN270230	270.00	230.00	20.00	10.00	21.50	2.5
CN	280.00	240.00	20.00	CN280240	280.00	240.00	20.00	10.00	21.50	2.5
CN	290.00	250.00	20.00	CN290250	290.00	250.00	20.00	10.00	21.50	2.5
CN	300.00	260.00	20.00	CN300260	300.00	260.00	20.00	10.00	21.50	2.5
CN	320.00	280.00	20.00	CN320280	320.00	280.00	20.00	10.00	21.50	2.5
CN	340.00	300.00	20.00	CN340300	340.00	300.00	20.00	10.00	21.50	2.5
CN	350.00	310.00	20.00	CN350310	350.00	310.00	20.00	10.00	21.50	2.5
CN	350.00	320.00	22.00	CN350320	350.00	320.00	22.00	11.00	23.50	2.5
CN	360.00	320.00	20.00	CN360320	360.00	320.00	20.00	10.00	21.50	2.5
CN	380.00	340.00	20.00	CN380340	380.00	340.00	20.00	10.00	21.50	2.5
CN	400.00	350.00	25.00	CN400350	400.00	350.00	25.00	12.50	26.50	2.5
CN	450.00	400.00	25.00	CN450400	450.00	400.00	25.00	12.50	26.50	2.5
CN	500.00	450.00	25.00	CN500450	500.00	450.00	25.00	12.50	26.50	2.5