

CP

DESCRIPTION

Polyurethane collar with symmetrical lips, rod and piston application.

MATERIAL

Polyurethane. Hardness: 93° Sh A.

OPERATING CONDITIONS

Speed: < 0.5 m/sec.

Pressure: 40 Mpa.

Temperature: - 40 to + 100°C

Fluid: Hydraulic oil

(mineral based)

(For other fluids, contact a technician)

EXTRUSION GAP "G"

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

- ° 50 bar. 1.20 mm
- ° 100 bar. 0.80 mm
- ° 200 bar. 0.40 mm
- ° 300 bar. 0.25 mm
- ° 400 bar. 0.17 mm

SURFACE ROUGHNESS

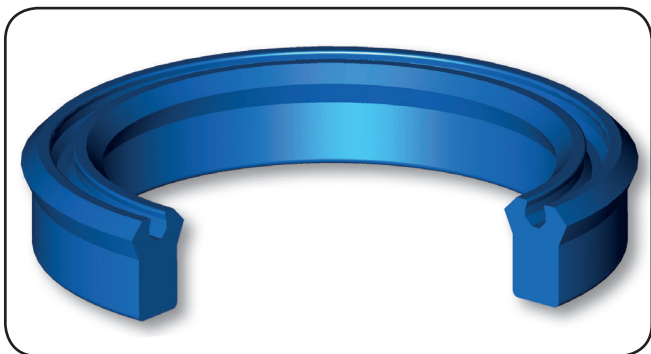
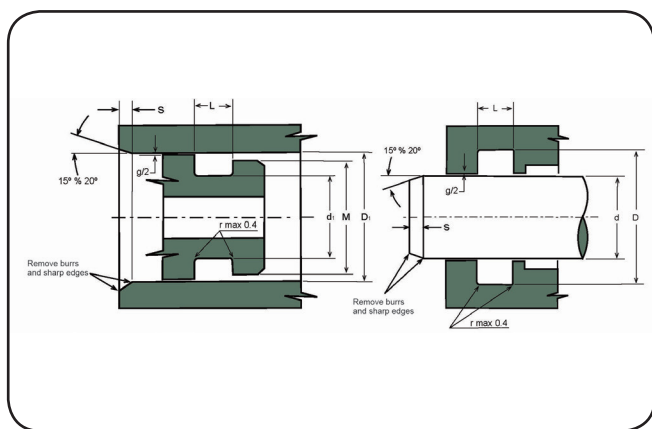
Dynamic surface $R_a < 0.3 \mu m$ $R_t < 2.5 \mu m$

Static surface $R_a < 1.6 \mu m$ $R_t < 6.3 \mu m$

ACCEPTANCE CHAMFER

D	S minimum
° Less than 100 5 mm	5 mm
From 100 to 200 7 mm	7 mm
° more than 200 10 mm	10 mm

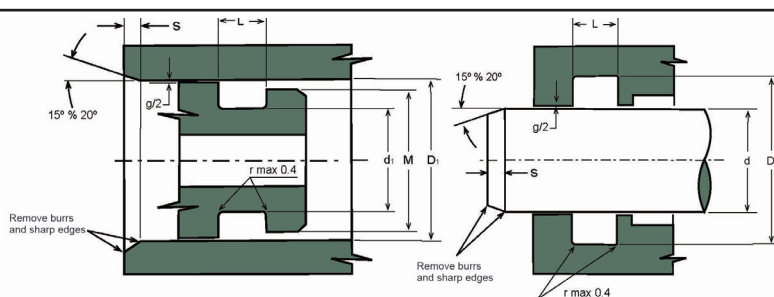
•The "D" and "d" dimensions in black are those recommended by the CETOP standard.

**POLY COLLAR WITH SYMMETRICAL LIPS****MAIN FEATURES**

The lip in this CP seal ensures a good reaction to pressure and optimum performance under all pressure conditions. The material used to manufacture this seal is a special polyurethane with excellent wear resistance properties that ensures a long operating life as well as a high resistance to extrusion.

- ° Its lip profile is suitable for working on both rod and piston
- ° Cost-effective solution
- ° High operating life
- ° High extrusion resistance
- ° Excellent wear resistance
- ° Good resistance to temperature
- ° Easy installation and assembly

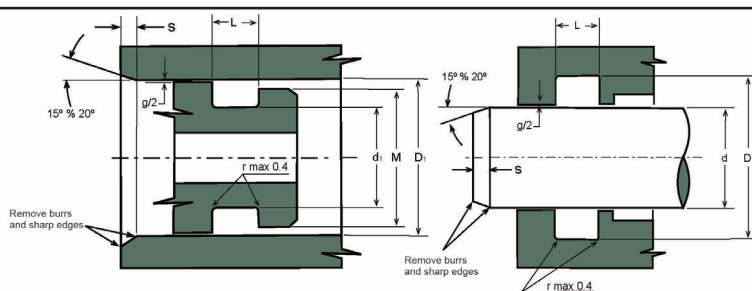
CP



Type	ØInt	Øext.	Ht.	d1f8 ----- df7	D1H10 ----- DH10	L±0.25	H
CP	3.00	9.00	4.50	3.00	9.00	5.00	5.00
CP	4.00	10.00	4.00	4.00	10.00	4.50	6.00
CP	4.00	10.00	4.50	4.00	10.00	5.00	6.00
CP	5.00	12.00	5.00	5.00	12.00	5.50	7.00
CP	5.00	12.00	6.00	5.00	12.00	7.00	7.00
CP	5.00	17.00	9.00	5.00	17.00	10.00	11.00
CP	6.00	12.00	4.00	6.00	12.00	4.50	8.00
CP	6.00	12.00	5.20	6.00	12.00	5.70	8.00
CP	6.00	12.00	5.50	6.00	12.00	6.00	8.00
CP	6.00	12.00	6.00	6.00	12.00	7.00	8.00
CP	6.00	15.00	8.00	6.00	15.00	9.00	9.00
CP	7.00	14.00	3.50	7.00	14.00	4.20	9.00
CP	8.00	12.00	2.40	8.00	12.00	3.50	10.00
CP	8.00	14.00	6.00	8.00	14.00	7.00	10.00
CP	8.00	15.00	5.80	8.00	15.00	6.30	10.00
CP	8.00	15.00	8.00	8.00	15.00	9.00	10.00
CP	8.00	16.00	5.80	8.00	16.00	6.30	10.00
CP	8.00	18.00	9.00	8.00	18.00	10.00	11.00
CP	10.00	16.00	4.00	10.00	16.00	4.50	12.00
CP	10.00	16.00	5.60	10.00	16.00	6.20	12.00
CP	10.00	16.00	6.00	10.00	16.00	7.00	12.00
CP	10.00	18.00	5.00	10.00	18.00	6.00	12.00
CP	10.00	18.00	6.00	10.00	18.00	7.00	12.00
CP	10.00	18.00	8.00	10.00	18.00	9.00	12.00
CP	10.00	20.00	8.00	10.00	20.00	9.00	12.00
CP	10.00	22.00	8.00	10.00	22.00	9.00	13.00
CP	12.00	18.00	6.00	12.00	18.00	7.00	14.00
CP	12.00	20.00	8.00	12.00	20.00	9.00	14.00
CP	12.00	22.00	5.00	12.00	22.00	6.00	15.00
CP	12.00	22.00	7.00	12.00	22.00	8.00	15.00
CP	12.00	22.00	8.00	12.00	22.00	9.00	15.00
CP	12.00	24.00	8.00	12.00	24.00	9.00	15.00
CP	14.00	20.00	4.80	14.00	20.00	5.30	16.00
CP	14.00	22.00	6.00	14.00	22.00	7.00	16.00
CP	14.00	24.00	8.00	14.00	24.00	9.00	16.00
CP	14.00	27.00	7.00	14.00	27.00	8.00	16.00
CP	15.00	25.00	8.00	15.00	25.00	9.00	18.00
CP	15.00	25.00	8.00	15.00	25.00	9.00	18.00
CP	15.00	25.00	10.00	15.00	25.00	11.00	18.00

Type	ØInt	Øext.	Ht.	d1f8 ----- df7	D1H10 ----- DH10	L±0.25	H
CP	16.00	22.00	4.00	16.00	22.00	4.50	18.00
CP	16.00	22.00	5.00	16.00	22.00	5.50	18.00
CP	16.00	24.00	5.00	16.00	24.00	6.00	18.00
CP	16.00	24.00	9.00	16.00	24.00	10.00	18.00
CP	16.00	26.00	5.00	16.00	26.00	6.00	19.00
CP	16.00	26.00	8.00	16.00	26.00	9.00	19.00
CP	16.00	28.00	6.00	16.00	28.00	7.00	19.00
CP	17.00	27.00	6.50	17.00	27.00	7.60	19.00
CP	18.00	25.00	5.00	18.00	25.00	5.50	20.00
CP	18.00	26.00	6.50	18.00	26.00	7.50	20.00
CP	18.00	26.00	8.00	18.00	26.00	9.00	20.00
CP	18.00	28.00	8.00	18.00	28.00	9.00	21.00
CP	18.00	30.00	8.00	18.00	30.00	9.00	21.00
CP	19.00	25.00	6.00	19.00	25.00	7.00	21.00
CP	20.00	28.00	4.00	20.00	28.00	5.00	22.00
CP	20.00	28.00	5.00	20.00	28.00	5.50	22.00
CP	20.00	28.00	8.00	20.00	28.00	9.00	22.00
CP	20.00	29.00	5.00	20.00	29.00	5.50	22.00
CP	20.00	30.00	8.00	20.00	30.00	9.00	23.00
CP	20.00	30.00	10.00	20.00	30.00	11.00	23.00
CP	20.00	32.00	7.50	20.00	32.00	8.50	23.00
CP	20.00	40.00	10.00	20.00	40.00	11.00	24.00
CP	22.00	28.00	8.00	22.00	28.00	9.00	24.00
CP	22.00	30.00	6.00	22.00	30.00	7.00	24.00
CP	22.00	32.00	8.00	22.00	32.00	9.00	25.00
CP	22.00	32.00	10.00	22.00	32.00	11.00	25.00
CP	22.00	35.00	10.00	22.00	35.00	11.00	25.00
CP	24.00	32.00	7.00	24.00	32.00	8.00	26.00
CP	25.00	33.00	5.00	25.00	33.00	5.50	27.00
CP	25.00	35.00	5.00	25.00	35.00	5.50	28.00
CP	25.00	35.00	8.00	25.00	35.00	9.00	28.00
CP	25.00	35.00	10.00	25.00	35.00	11.00	28.00
CP	25.00	38.00	8.00	25.00	38.00	9.00	28.00
CP	25.00	38.00	10.00	25.00	38.00	11.00	28.00
CP	25.00	40.00	10.00	25.00	40.00	11.00	28.00
CP	28.00	35.00	4.70	28.00	35.00	5.50	30.00
CP	28.00	35.50	5.00	28.00	35.50	5.50	30.00
CP	28.00	36.00	6.50	28.00	36.00	7.50	30.00

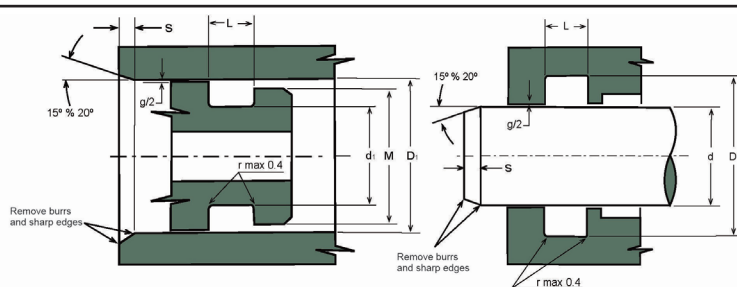
CP



Type	ØInt	Øext.	Ht.	d1f8 ----- df7	D1H10 ----- DH10	L±0.25	H
CP	28.00	38.00	7.00	28.00	38.00	8.00	31.00
CP	28.00	38.00	8.00	28.00	38.00	9.00	31.00
CP	28.00	38.00	10.00	28.00	38.00	11.00	31.00
CP	28.00	40.00	10.00	28.00	40.00	11.00	31.00
CP	30.00	36.00	4.00	30.00	36.00	4.50	32.00
CP	30.00	37.00	6.00	30.00	37.00	6.00	32.00
CP	30.00	38.00	6.00	30.00	38.00	6.50	32.00
CP	30.00	38.00	7.00	30.00	38.00	8.00	32.00
CP	30.00	40.00	5.00	30.00	40.00	5.50	33.00
CP	30.00	40.00	6.00	30.00	40.00	7.00	33.00
CP	30.00	40.00	10.00	30.00	40.00	11.00	33.00
CP	30.00	42.00	9.00	30.00	42.00	10.00	33.00
CP	30.00	42.00	10.00	30.00	42.00	11.00	33.00
CP	30.00	45.00	10.00	30.00	45.00	11.00	34.00
CP	30.00	50.00	10.00	30.00	50.00	11.00	34.00
CP	30.00	50.00	12.00	30.00	50.00	13.00	34.00
CP	32.00	40.00	5.50	32.00	40.00	6.00	34.00
CP	32.00	40.00	8.00	32.00	40.00	9.00	34.00
CP	32.00	42.00	10.00	32.00	42.00	11.00	35.00
CP	32.00	45.00	10.00	32.00	45.00	11.00	35.00
CP	34.00	45.00	7.00	34.00	45.00	8.00	37.00
CP	34.00	45.00	9.00	34.00	45.00	10.00	37.00
CP	35.00	45.00	6.00	35.00	45.00	7.00	38.00
CP	35.00	45.00	7.00	35.00	45.00	8.00	38.00
CP	35.00	45.00	8.00	35.00	45.00	9.00	38.00
CP	35.00	45.00	10.00	35.00	45.00	11.00	38.00
CP	35.00	48.00	10.00	35.00	48.00	11.00	38.00
CP	35.00	50.00	10.00	35.00	50.00	11.00	39.00
CP	35.00	55.00	10.00	35.00	55.00	11.00	39.00
CP	36.00	46.00	7.00	36.00	46.00	8.00	39.00
CP	38.00	45.00	5.00	38.00	45.00	5.50	40.00
CP	38.00	46.00	6.50	38.00	46.00	7.50	40.00
CP	38.00	50.00	9.00	38.00	50.00	10.00	41.00
CP	38.00	55.00	10.00	38.00	55.00	11.00	41.00
CP	40.00	50.00	5.00	40.00	50.00	5.50	43.00
CP	40.00	50.00	6.00	40.00	50.00	7.00	43.00
CP	40.00	50.00	6.50	40.00	50.00	7.50	43.00
CP	40.00	50.00	8.00	40.00	50.00	9.00	43.00

Type	ØInt	Øext.	Ht.	d1f8 ----- df7	D1H10 ----- DH10	L±0.25	H
CP	40.00	50.00	10.00	40.00	50.00	11.00	43.00
CP	40.00	55.00	10.00	40.00	55.00	11.00	44.00
CP	40.00	60.00	10.00	40.00	60.00	11.00	45.00
CP	40.00	60.00	13.00	40.00	60.00	14.00	45.00
CP	42.00	50.00	6.00	42.00	50.00	7.00	44.00
CP	42.00	50.00	8.00	42.00	50.00	9.00	44.00
CP	42.00	52.00	9.00	42.00	52.00	10.00	45.00
CP	42.00	62.00	12.00	42.00	62.00	13.00	47.00
CP	45.00	53.00	6.50	45.00	53.00	7.50	48.00
CP	45.00	55.00	6.00	45.00	55.00	7.00	48.00
CP	45.00	55.00	6.50	45.00	55.00	7.50	48.00
CP	45.00	55.00	10.00	45.00	55.00	11.00	48.00
CP	45.00	56.00	7.00	45.00	56.00	8.00	48.00
CP	45.00	60.00	10.00	45.00	60.00	11.00	49.00
CP	45.00	63.00	10.00	45.00	63.00	11.00	49.00
CP	45.00	65.00	10.00	45.00	65.00	11.00	50.00
CP	45.00	65.00	12.00	45.00	65.00	13.00	50.00
CP	48.00	58.00	10.00	48.00	58.00	11.00	51.00
CP	50.00	60.00	6.00	50.00	60.00	7.00	53.00
CP	50.00	60.00	10.00	50.00	60.00	11.00	53.00
CP	50.00	60.00	11.00	50.00	60.00	12.00	53.00
CP	50.00	62.00	9.00	50.00	62.00	10.00	53.00
CP	50.00	63.00	6.00	50.00	63.00	7.00	54.00
CP	50.00	65.00	10.00	50.00	65.00	11.00	54.00
CP	50.00	70.00	10.00	50.00	70.00	11.00	55.00
CP	50.00	70.00	12.00	50.00	70.00	13.00	55.00
CP	53.00	63.00	6.50	53.00	63.00	7.50	56.00
CP	55.00	65.00	6.00	55.00	65.00	7.00	58.00
CP	55.00	65.00	10.00	55.00	65.00	11.00	58.00
CP	55.00	65.00	12.00	55.00	65.00	13.00	58.00
CP	55.00	70.00	12.00	55.00	70.00	13.00	59.00
CP	55.00	75.00	12.00	55.00	75.00	13.00	60.00
CP	56.00	66.00	5.00	56.00	66.00	5.50	59.00
CP	60.00	70.00	5.00	60.00	70.00	5.50	63.00
CP	60.00	70.00	8.00	60.00	70.00	9.00	63.00
CP	60.00	70.00	10.00	60.00	70.00	11.00	63.00
CP	60.00	70.00	12.00	60.00	70.00	13.00	63.00
CP	60.00	75.00	10.00	60.00	75.00	11.00	64.00

CP



Type	ØInt	Øext.	Ht.	d1f8 ----- df7	D1H10 ----- DH10	L±0.25	H
CP	60.00	75.00	12.00	60.00	75.00	13.00	64.00
CP	60.00	80.00	10.00	60.00	80.00	11.00	65.00
CP	60.00	80.00	12.00	60.00	80.00	13.00	65.00
CP	63.00	73.00	6.00	63.00	73.00	7.00	66.00
CP	63.00	75.00	10.00	63.00	75.00	11.00	66.00
CP	65.00	75.00	6.00	65.00	75.00	7.00	68.00
CP	65.00	75.00	12.00	65.00	75.00	13.00	68.00
CP	65.00	80.00	10.00	65.00	80.00	11.00	69.00
CP	65.00	80.00	12.00	65.00	80.00	13.00	69.00
CP	65.00	85.00	12.00	65.00	85.00	13.00	70.00
CP	67.00	77.00	10.00	67.00	77.00	11.00	70.00
CP	70.00	80.00	5.00	70.00	80.00	6.00	73.00
CP	70.00	80.00	6.00	70.00	80.00	7.00	73.00
CP	70.00	80.00	8.00	70.00	80.00	9.00	73.00
CP	70.00	80.00	10.00	70.00	80.00	11.00	73.00
CP	70.00	80.00	12.00	70.00	80.00	13.00	73.00
CP	70.00	85.00	11.00	70.00	85.00	12.00	74.00
CP	70.00	85.00	12.00	70.00	85.00	13.00	74.00
CP	70.00	90.00	12.00	70.00	90.00	13.00	75.00
CP	75.00	85.00	6.00	75.00	85.00	7.00	78.00
CP	75.00	85.00	12.00	75.00	85.00	13.00	78.00
CP	75.00	90.00	7.50	75.00	90.00	8.50	79.00
CP	75.00	90.00	10.00	75.00	90.00	11.00	79.00
CP	75.00	90.00	12.00	75.00	90.00	13.00	79.00
CP	75.00	95.00	12.00	75.00	95.00	13.00	80.00
CP	80.00	90.00	5.00	80.00	90.00	6.00	83.00
CP	80.00	90.00	6.00	80.00	90.00	7.00	83.00
CP	80.00	90.00	8.00	80.00	90.00	9.00	83.00
CP	80.00	90.00	10.00	80.00	90.00	11.00	83.00
CP	80.00	90.00	12.00	80.00	90.00	13.00	83.00
CP	80.00	95.00	12.00	80.00	95.00	13.00	84.00
CP	80.00	100.00	9.50	80.00	100.00	10.50	85.00
CP	80.00	100.00	12.00	80.00	100.00	13.00	85.00
CP	85.00	95.00	8.50	85.00	95.00	9.50	88.00
CP	85.00	95.00	12.00	85.00	95.00	13.00	88.00
CP	85.00	100.00	9.00	85.00	100.00	10.00	89.00
CP	85.00	100.00	2.00	85.00	100.00	13.00	89.00
CP	85.00	105.00	12.00	85.00	105.00	13.00	90.00

Type	ØInt	Øext.	Ht.	d1f8 ----- df7	D1H10 ----- DH10	L±0.25	H
CP	90.00	100.00	8.00	90.00	100.00	9.00	93.00
CP	90.00	100.00	12.00	90.00	100.00	13.00	93.00
CP	90.00	105.00	12.00	90.00	105.00	13.00	94.00
CP	90.00	110.00	12.00	90.00	110.00	13.00	95.00
CP	95.00	110.00	12.00	95.00	110.00	13.00	99.00
CP	95.00	115.00	12.00	95.00	115.00	13.00	100.00
CP	100.00	115.00	12.00	100.00	115.00	13.00	104.00
CP	100.00	120.00	12.00	100.00	120.00	13.00	105.00
CP	100.00	125.00	12.00	100.00	125.00	13.00	105.00
CP	100.00	125.00	15.00	100.00	125.00	16.00	105.00
CP	105.00	120.00	15.00	105.00	120.00	16.00	109.00
CP	105.00	125.00	12.00	105.00	125.00	13.00	110.00
CP	105.00	125.00	15.00	105.00	125.00	16.00	110.00
CP	110.00	125.00	12.00	110.00	125.00	13.00	114.00
CP	110.00	125.00	15.00	110.00	125.00	16.00	114.00
CP	110.00	130.00	15.00	110.00	130.00	16.00	115.00
CP	115.00	135.00	15.00	115.00	135.00	16.00	118.00
CP	120.00	140.00	15.00	120.00	140.00	16.00	125.00
CP	125.00	140.00	11.00	125.00	140.00	12.00	129.00
CP	125.00	140.00	15.00	125.00	140.00	16.00	129.00
CP	125.00	145.00	15.00	125.00	145.00	16.00	130.00
CP	130.00	150.00	15.00	130.00	150.00	16.00	135.00
CP	140.00	160.00	15.00	140.00	160.00	16.00	145.00
CP	145.00	165.00	15.00	145.00	165.00	16.00	150.00
CP	150.00	170.00	15.00	150.00	170.00	16.00	155.00
CP	160.00	180.00	15.00	160.00	180.00	16.00	165.00
CP	170.00	190.00	15.00	170.00	190.00	16.00	175.00
CP	175.00	200.00	15.00	175.00	200.00	16.00	180.00
CP	180.00	200.00	15.00	180.00	200.00	16.00	185.00
CP	200.00	225.00	18.00	200.00	225.00	19.00	206.00
CP	220.00	250.00	18.00	220.00	250.00	19.00	225.00