

# NAVAL CYLINDERS

INOX AISI 316

BRASS OT58 CHROMED



# MXO NAVAL CYLINDERS

**INOX AISI 316**  
BRASS OT58 CHROMED



The **MXO series** is part of the **nautical standard** Grices production.

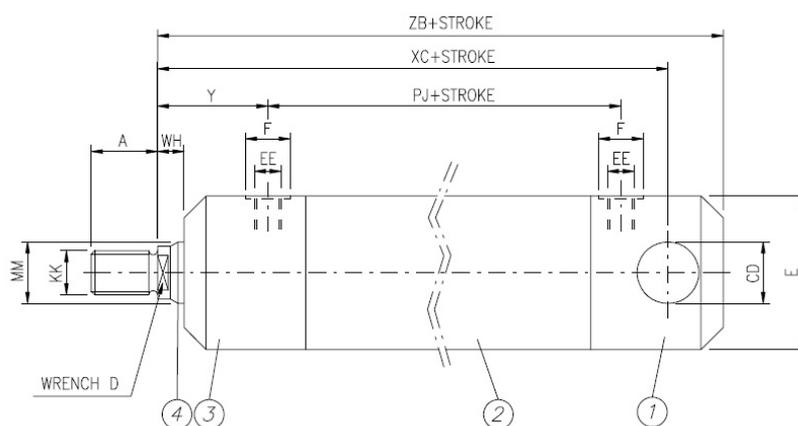
The usage of stainless steel **AISI 316** assures the total absence of corrosion. The sleek and smooth design makes this series suitable for nautical applications with continuous nominal pressure up to **12 MPa**.

The choice of selected materials, the severe controls of 100% of all cylinders produced and the quality of the means of production, allows us to reach high standards of quality, reliability and enduring product performance. The seals used, supplied by premium suppliers, grant high performance and international availability

## Technical characteristics:

- Nominal pressure 12 MPa (continuous operation)
- Maximum pressure 16 MPa
- Bore: 40-50 mm
- Stroke: up to 1000 mm
- Seals: Elastometer + nitrile, high sealing capacity

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N°	ITEM	MATERIAL
1	Rear head	Chromium-plated brass
2	Tube	AISI 316 stainless steel
3	Front head	Chromium-plated brass
4	Rod	AISI 316 stainless steel

## ORDER ACRONYM

In orders report the acronym followed by stroke length in mm.

Example: **MXO 40/500** (stroke 500)

CODE	AL	MM	A	CD	D	E	F	EE	KK	PJ	WH	XC	Y	ZB
MXO 40	40	28	28	20	22	60	22	1/4"	M20x1,5	119	12	194	53	214
MXO 50	50	28	28	20	22	70	22	1/4"	M20x1,5	124	12	199	53	219

# MXP NAVAL CYLINDERS



## INOX AISI 316

BRASS OT58 CHROMED

The **MXP series** is part of the **nautical standard** Grices production.

The usage of stainless steel **AISI 316** assures the total absence of corrosion. The addition of a power source from the rear pivot pin and the resulting removal of external hoses, makes the application suitable for a sleek design.

The choice of selected materials, the severe controls of 100% of all cylinders produced and the quality of the means of production, allow to reach high standards of quality, reliability and enduring product performance. The seals used, supplied by premium suppliers, grant high performance and international availability.

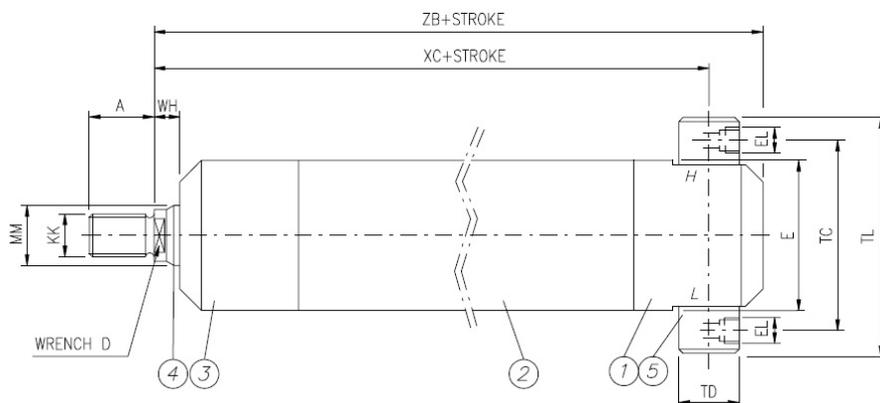
### Technical specifications:

- Nominal pressure 12 MPa (continuous operation)
- Maximum pressure 16 MPa
- Bore: 40-50 mm
- Stroke: up to 1000 mm
- Seals: Elastometer + nitrile, high sealing capacity
- Power source from rear pin

### Options:

- STP fixing brackets of the cylinder to boat stern.

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N°	ITEM	MATERIAL
1	Rear head	Chromium-plated brass 58
2	Tube	AISI 316 stainless steel
3	Front head	Chromium-plated brass 58
4	Rod	AISI 316 stainless steel
5	Pin	AISI 316 stainless steel

### ORDER ACRONYM

In orders report the acronym followed by stroke length in mm.

*Example: MXP 40/500 (stroke 500)*

COD	AL	MM	A	D	E	EL	KK	TC	TD	TL	WH	XC	ZB
MXP 40	40	28	28	22	60	1/8"	M20x1,5	87	28	117	12	216	240
MXP 50	50	28	28	22	70	1/8"	M20x1,5	98	28	128	12	221	245

# COA NAVAL CYLINDERS

**INOX AISI 316**  
BRASS OT58



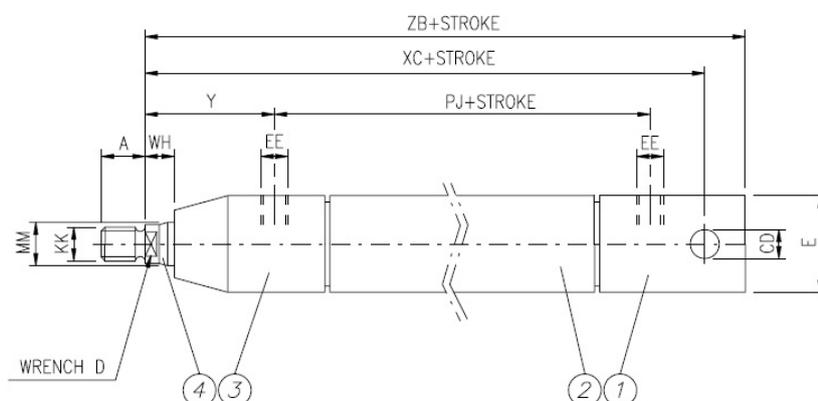
The **COA series** is part of the nautical standard Grices production. The usage of **AISI 316** stainless steel and OT58 brass assures the total absence of corrosion. The sleek and smooth design makes this series suitable for nautical applications in particular for ramp movement and gangway extraction, with continuous nominal pressure up to **8 MPa**.

The choice of selected materials, the severe controls of 100% of all cylinders produced and the quality of the means of production, allows us to reach high standards of quality, reliability and enduring product performance. The seals used, supplied by premium suppliers, grant high performance and international availability.

## Technical specifications:

- Nominal pressure 8 MPa (continuous operation)
- Maximum pressure 12 MPa
- Bore: 30-40 mm
- Stroke: up to 2000 mm
- Seals: Elastometer + nitrile, high sealing capacity

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N°	ITEM	MATERIAL
1	Rear head	Brass
2	Tube	Brass
3	Front head	Brass
4	Rod	AISI 316 stainless steel

## ORDER ACRONYM

In orders report the acronym followed by stroke length in mm.

*Example: COA 30/500 (stroke 500)*

COD	AL	A	CD	D	E	EE	KK	MM	PJ	WH	XC	Y	ZB
COA 30	30	18	12	15	40	1/8"	M14x1,5	18	69	12	119	48	136
COA 40	40	22	14	17	55	1/4"	M16x1,5	22	59	12	106	45	123

# COB NAVAL CYLINDERS

INOX AISI 316

BRASS OT58



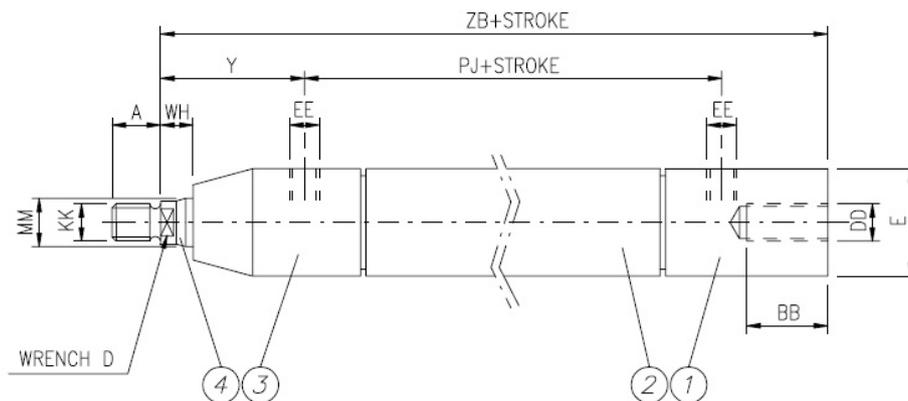
The **COB series** is part of the nautical standard Grices production. The usage of **AISI 316** stainless steel and OT58 brass assures the total absence of corrosion. The sleek and smooth design makes this series suitable for nautical applications in particular for ramp movement and gangway extraction, with continuous nominal pressure up to **8 MPa**.

The choice of selected materials, the severe controls of 100% of all cylinders produced and the quality of the means of production, allows us to reach high standards of quality, reliability and enduring product performance. The seals used, supplied by premium suppliers, grant high performance and international availability.

## Technical specifications:

- Nominal pressure 8 MPa (continuous operation)
- Maximum pressure 12 MPa
- Bore: 30-40 mm
- Stroke: up to 2000 mm
- Seals: Elastometer + nitrile, high sealing capacity

Login at: <http://configuratore.grices.it/>



N°	ITEM	MATERIAL
1	Rear head	Brass
2	Tube	Brass
3	Front head	Brass
4	Rod	AISI 316 stainless steel

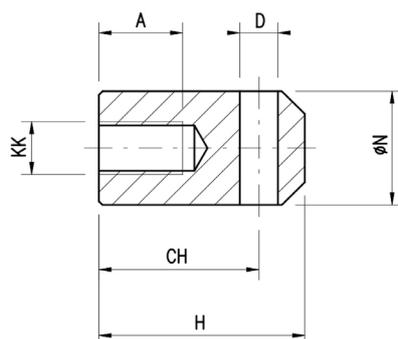
## ORDER ACRONYM

In orders report the acronym followed by stroke length in mm.

*Example: COB 30/500 (stroke 500)*

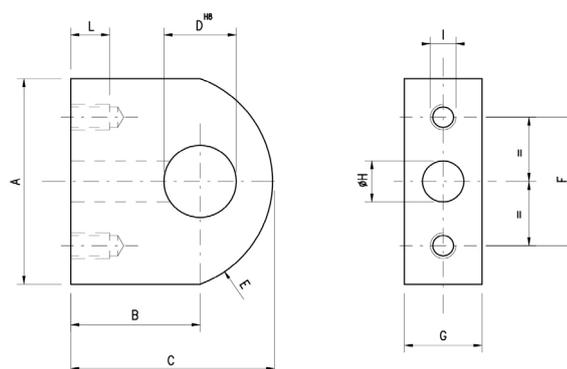
COD	AL	A	BB	D	DD	E	EE	KK	MM	PJ	WH	Y	ZB
COB 30	30	18	20	15	M14	40	1/8"	M14x1,5	18	69	12	48	136
COB 40	40	22	20	17	M16	55	1/4"	M16x1,5	22	59	12	45	123

# MALE ROD MOUNTING STYLE Chromed brass



COD	A	CH	D	H	KK	Ø N
TS18	22	42	12	54	M14x1,5	30
TS22	24	46	14	60	M16x1,5	40
TS28	30	50	20	75	M20x1,5	40

## FASTNERS Chromed brass



To be used only for MXP series

COD	A	B	C	Ø D	E	F	G	Ø H	I	L
STP28	70	50	78	28	35	50	30	16	M10	20