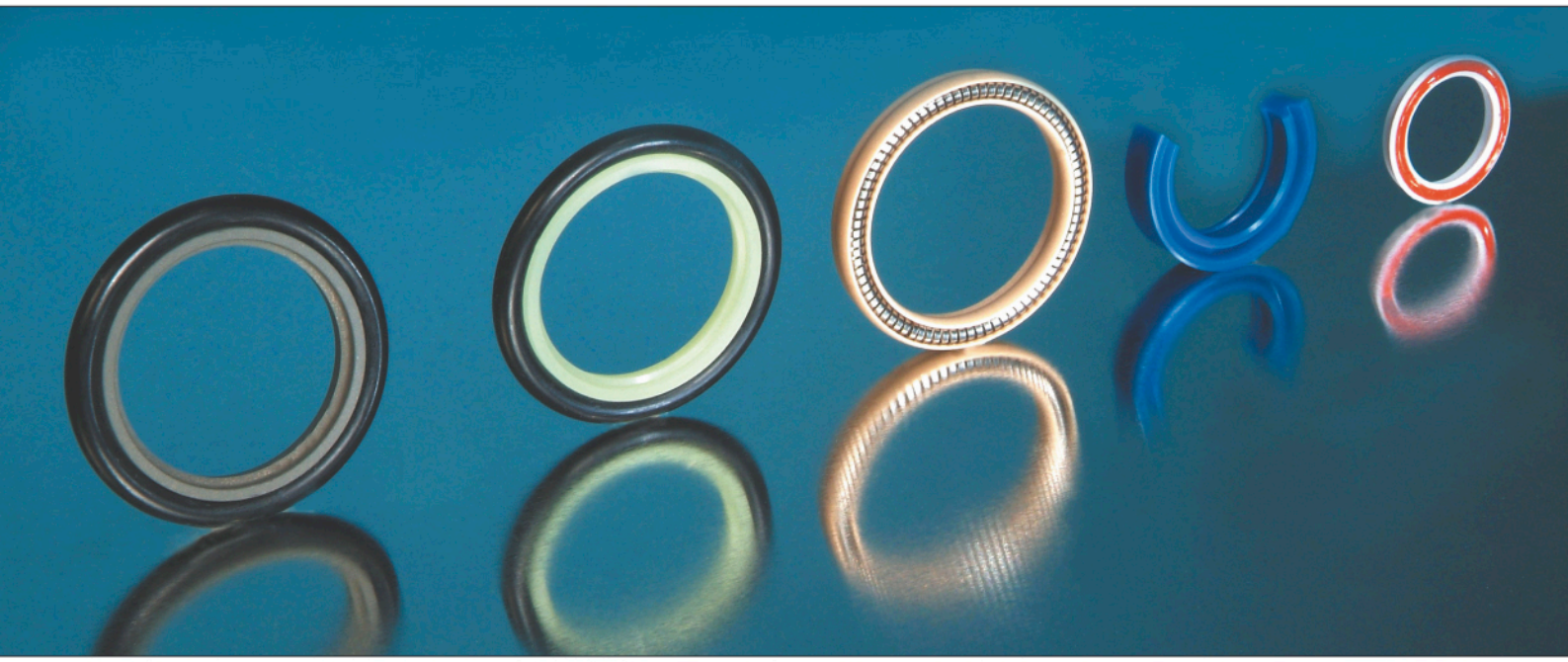
Repack-S
Joints et Systèmes d'Etanchéité

JOINTS DE TIGE
ROD SEALS



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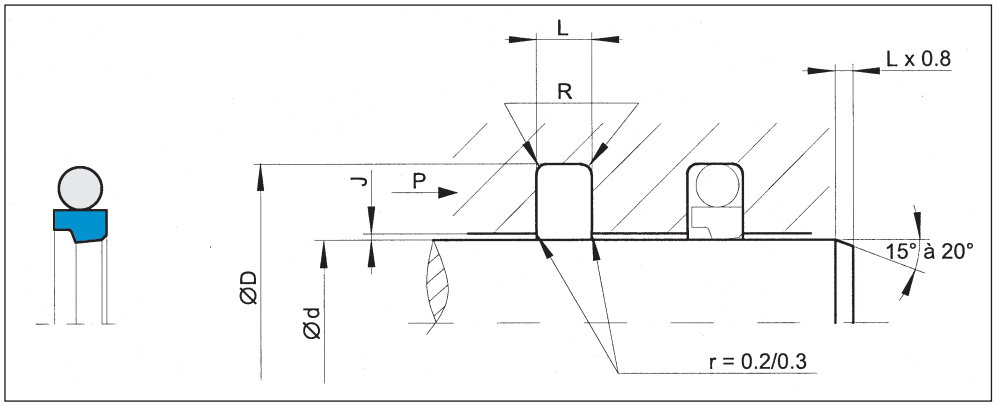


N° de série *Range N°*	Ød f8 Série lourde *Heavy duty range*	Ød f8 Série standard *Standard range*	Ød f8 Série légère *Light range*	Ø D H9	L 0/+0,2	R	Jeu radial / *Radial gap* - J maxi. * 10 MPa (100 bar)	20 MPa (200 bar)	40 MPa (400 bar)	O-ring Série *Range*
CTS00	-	3.0 - 7.9	8.0 - 18.9	d + 4.9	2.2	0.3	0.30	0.20	0.15	1.78
CTS01	-	8.0 - 18.9	19.0 - 37.9	d + 7.3	3.2	0.5	0.40	0.25	0.15	2.62
CTS02	8.0 - 18.9	19.0 - 37.9	38.0 - 199.9	d + 10.7	4.2	0.7	0.40	0.25	0.20	3.53
CTS03	19.0 - 37.9	38.0 - 199.9	200.0 - 255.9	d + 15.1	6.3	1.2	0.50	0.30	0.20	5.33
CTS04	38.0 - 199.9	200.0 - 255.9	256.0 - 649.9	d + 20.5	8.1	1.5	0.60	0.35	0.25	7.00
CTS05	200.0 - 255.9	256.0 - 649.9	650.0 - 999.9	d + 24.0	8.1	1.5	0.60	0.35	0.25	7.00
CTS06	256.0 - 649.9	650.0 - 999.9	-	d + 27.3	9.5	2.0	0.70	0.50	0.30	8.40
CTS07	> 1000			d + 38.0	13.8	2.0	1.00	0.70	0.60	12.00

(*) Pression > 40 MPa, nous consulter. *At pressure > 40 MPa, please contact us.*
Choix de la série en fonction des conditions de service : Nous consulter. *For the selection of the range regarding working conditions, please contact us.*

Conditions de Service

Pression de service : jusqu'à 80 MPa (800 bar)
Vitesse : Jusqu'à 15 m/s.
Fluide : Tous fluides hydrauliques, air, eau…
Température : -50°C à +200°C.
Dimensions selon ISO 7425/2.

Avantages

Etanchéité simple effet.
Bonne étanchéité dynamique.
Pas de stick-slip.
Longue durée de vie.
Montage en tandem.
Retour de film d'huile.

Applications

Vérins haute fréquence.
Vérins faible frottement.
Servo-vérins.
Machines-outils.
Presses hydrauliques.

Matériaux standards

Bague : P24 : PTFE chargé bronze.
P32 : PTFE chargé Carbone/Graphite.
P82 : Polyuréthane 58 shores D.

O-Ring : NBR 70 shores A - code matière : N.
FKM 70 shores A - code matière : F.

Autres matériaux

Bague : P41 : PTFE chargé fibres de Carbone.
P18 : PTFE modifié (bleu).
P81 : Polyuréthane 72 shores D.

O-Ring : EPDM 70 shores A - code matière : E.
Basse température : nous consulter.

Operating conditions

Pressure : *up to 80 MPa (800 bar).*
Speed : *up to 15 m/s.*
Media : *all hydraulic fluids, air, water…*
Temperature : *-50°C up to +200°C.*
Sizes in compliance with ISO 7425/2.

Advantages

Single acting effect.
High dynamic sealing level.
No stick-slip effect.
Long service life.
Tandem configuration.
Oil film return.

Applications

High frequency jacks.
Low friction jacks.
Servo-systems.
Machines tools.
Hydraulic presses.

Standard materials

Ring : *P24 : PTFE + bronze filled.*
P32 : PTFE + Carbon/Graphite filled.
P82 : Polyurethane 58 shores D.

O-Ring : *NBR 70 shores A - material code : N.*
FKM 70 shores A - material code : F.

Other materials

Ring : *P41 : PTFE + carbon fibres filled.*
P18 : Modified PTFE (blue).
P81 : Polyurethane 72 shores D.

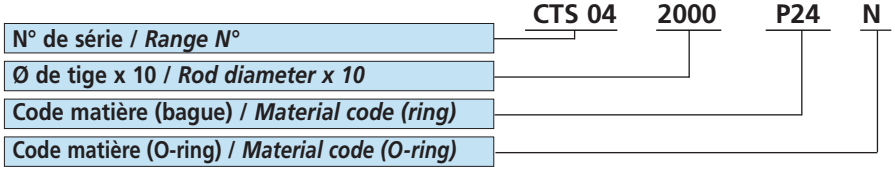
O-Ring : *EPDM 70 shores A - material code : E.*
Low temperature : please consult us.

ø d	ø D	L	Code/Part N°
4.0	8.9	2.2	CTS00-0040
5.0	9.9	2.2	CTS00-0050
6.0	10.9	2.2	CTS00-0060
10.0	17.3	3.2	CTS01-0100
12.0	19.3	3.2	CTS01-0120
14.0	21.3	3.2	CTS01-0140
15.0	22.3	3.2	CTS01-0150
16.0	23.3	3.2	CTS01-0160
18.0	25.3	3.2	CTS01-0180
20.0	30.7	4.2	CTS02-0200
22.0	32.7	4.2	CTS02-0220
25.0	35.7	4.2	CTS02-0250
28.0	38.7	4.2	CTS02-0280
30.0	40.7	4.2	CTS02-0300
35.0	45.7	4.2	CTS02-0350
40.0	55.1	6.3	CTS03-0400
42.0	57.1	6.3	CTS03-0420
45.0	60.1	6.3	CTS03-0450
48.0	63.1	6.3	CTS03-0480
50.0	65.1	6.3	CTS03-0500
52.0	67.1	6.3	CTS03-0520
55.0	70.1	6.3	CTS03-0550
56.0	71.1	6.3	CTS03-0560
60.0	75.1	6.3	CTS03-0600
63.0	78.1	6.3	CTS03-0630
65.0	80.1	6.3	CTS03-0650
70.0	85.1	6.3	CTS03-0700
75.0	90.1	6.3	CTS03-0750
80.0	95.1	6.3	CTS03-0800
85.0	100.1	6.3	CTS03-0850
90.0	105.1	6.3	CTS03-0900
95.0	110.1	6.3	CTS03-0950
100.0	115.1	6.3	CTS03-1000
105.0	120.1	6.3	CTS03-1050
110.0	125.1	6.3	CTS03-1100
115.0	130.1	6.3	CTS03-1150
120.0	135.1	6.3	CTS03-1200
125.0	140.1	6.3	CTS03-1250
130.0	145.1	6.3	CTS03-1300
135.0	150.1	6.3	CTS03-1350
140.0	155.1	6.3	CTS03-1400
150.0	165.1	6.3	CTS03-1500
160.0	175.1	6.3	CTS03-1600
170.0	185.1	6.3	CTS03-1700
180.0	195.1	6.3	CTS03-1800
190.0	205.1	6.3	CTS03-1900

ø d	ø D	L	Code/Part N°
200.0	220.5	8.1	CTS04-2000
210.0	230.5	8.1	CTS04-2100
220.0	240.5	8.1	CTS04-2200
230.0	250.5	8.1	CTS04-2300
240.0	260.5	8.1	CTS04-2400
250.0	270.5	8.1	CTS04-2500
260.0	284.0	8.1	CTS05-2600
270.0	294.0	8.1	CTS05-2700
280.0	304.0	8.1	CTS05-2800
290.0	314.0	8.1	CTS05-2900
300.0	324.0	8.1	CTS05-3000
310.0	334.0	8.1	CTS05-3100
320.0	344.0	8.1	CTS05-3200
330.0	354.0	8.1	CTS05-3300
340.0	364.0	8.1	CTS05-3400
350.0	374.0	8.1	CTS05-3500
360.0	384.0	8.1	CTS05-3600
370.0	394.0	8.1	CTS05-3700
380.0	404.0	8.1	CTS05-3800
390.0	414.0	8.1	CTS05-3900
400.0	424.0	8.1	CTS05-4000
410.0	434.0	8.1	CTS05-4100
420.0	444.0	8.1	CTS05-4200
430.0	454.0	8.1	CTS05-4300
440.0	464.0	8.1	CTS05-4400
450.0	474.0	8.1	CTS05-4500
460.0	484.0	8.1	CTS05-4600
470.0	494.0	8.1	CTS05-4700
480.0	504.0	8.1	CTS05-4800
490.0	514.0	8.1	CTS05-4900
500.0	524.0	8.1	CTS05-5000
510.0	534.0	8.1	CTS05-5100
520.0	544.0	8.1	CTS05-5200
530.0	554.0	8.1	CTS05-5300
540.0	564.0	8.1	CTS05-5400
550.0	574.0	8.1	CTS05-5500
560.0	584.0	8.1	CTS05-5600
570.0	594.0	8.1	CTS05-5700
580.0	604.0	8.1	CTS05-5800
590.0	614.0	8.1	CTS05-5900
600.0	624.0	8.1	CTS05-6000
650.0	677.3	9.5	CTS06-6500
700.0	727.3	9.5	CTS06-7000
800.0	827.3	9.5	CTS06-8000
900.0	927.3	9.5	CTS06-9000
Jusqu'à 3000 de diamètre : *Up to 3000 mm diameter*			

Dimensions intermédiaires sur demande.
Other intermediate sizes on request.

Exemple de commande / *Ordering example :*

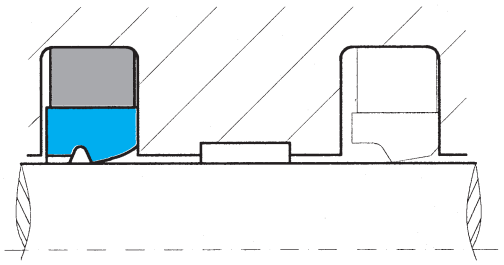


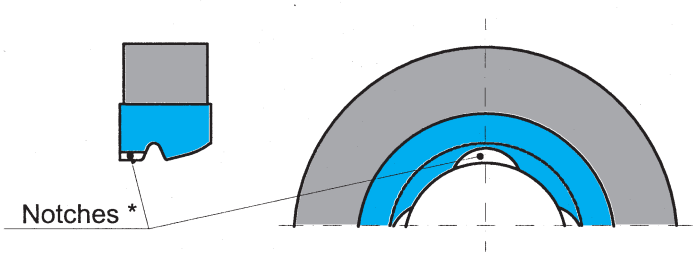
ø d	ø D	L	R	Code/Part N°
6.0	11.0	2.2	0.5	CTS11-0060
8.0	13.0	2.2	0.5	CTS11-0080
10.0	15.0	2.2	0.5	CTS11-0100
12.0	17.0	2.2	0.5	CTS11-0120
12.0	19.5	3.2	0.5	CTS12-0120
14.0	19.0	2.2	0.5	CTS11-0140
14.0	21.5	3.2	0.5	CTS12-0140
16.0	23.5	3.2	0.5	CTS12-0160
18.0	25.5	3.2	0.5	CTS12-0180
20.0	27.5	3.2	0.5	CTS12-0200
20.0	31.0	4.2	0.5	CTS13-0200
22.0	29.5	3.2	0.5	CTS12-0220
22.0	33.0	4.2	0.5	CTS13-0220
25.0	32.5	3.2	0.5	CTS12-0250
25.0	36.0	4.2	0.5	CTS13-0250
28.0	39.0	4.2	0.5	CTS13-0280
32.0	43.0	4.2	0.5	CTS13-0320
36.0	47.0	4.2	0.5	CTS13-0360
40.0	51.0	4.2	0.5	CTS13-0400
45.0	56.0	4.2	0.5	CTS13-0450
50.0	61.0	4.2	0.5	CTS13-0500

ø d	ø D	L	R	Code/Part N°
56.0	67.0	4.2	0.5	CTS13-0560
56.0	71.5	6.3	0.5	CTS14-0560
63.0	74.0	4.2	0.5	CTS13-0630
63.0	78.5	6.3	0.9	CTS14-0630
70.0	85.5	6.3	0.9	CTS14-0700
80.0	95.5	6.3	0.9	CTS14-0800
90.0	105.5	6.3	0.9	CTS14-0900
100.0	115.5	6.3	0.9	CTS14-1000
110.0	125.5	6.3	0.9	CTS14-1100
125.0	140.5	6.3	0.9	CTS14-1250
140.0	155.5	6.3	0.9	CTS14-1400
160.0	175.5	6.3	0.9	CTS14-1600
160.0	181.0	8.1	0.9	CTS15-1600
180.0	195.5	6.3	0.9	CTS14-1800
180.0	201.0	8.1	0.9	CTS15-1800
200.0	221.0	8.1	0.9	CTS15-2000
220.0	241.0	8.1	0.9	CTS15-2200
250.0	271.0	8.1	0.9	CTS15-2500
280.0	304.5	8.1	0.9	CTS16-2800
320.0	344.5	8.1	0.9	CTS16-3200
360.0	384.5	8.1	0.9	CTS16-3600

ISO 7425/2

APPLICATION SPÉCIFIQUE - *SPECIFIC APPLICATION*
DANA STEP HF - *HF DANA STEP*

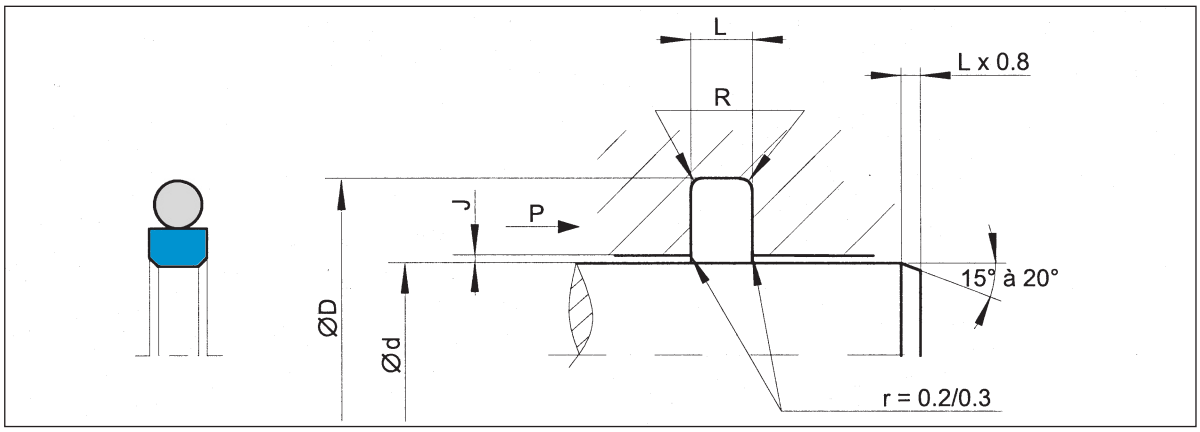




Notches * axiales pour alimenter le joint.
*Axial notches * to feed the seal.*

Ce joint est utilisé pour les applications hautes fréquences (marteaux hydrauliques et amortisseurs). Le joint est stabilisé par une "jambe"qui lui évite de basculer. Pour améliorer son maintien, l'élément extenseur est de forme rectangulaire.

This seal is used for high frequency applications (hydraulic hammers and shock absorbers). The seal is stabilized by a "leg" to avoid twisting. The energized element has a rectangular shape in order to improve the maintening.



N° de série *Range N°*	Ød f8 Série lourde *Heavy duty range*	Ød f8 Série standard *Standard range*	Ød f8 Série légère *Light range*	ØD H9	L 0/+0,2	R	Jeu radial / *Radial gap* - J maxi. * 10 MPa (100 bar)	20 MPa (200 bar)	40 MPa (400 bar)	O-ring Série *Range*
CTG00	-	3.0 - 7.9	8.0 - 18.9	d + 4.9	2.2	0.3	0.30	0.20	0.15	1.78
CTG01	-	8.0 - 18.9	19.0 - 37.9	d + 7.3	3.2	0.5	0.40	0.25	0.15	2.62
CTG02	8.0 - 18.9	19.0 - 37.9	38.0 - 199.9	d + 10.7	4.2	0.7	0.40	0.25	0.20	3.53
CTG03	19.0 - 37.9	38.0 - 199.9	200.0 - 255.9	d + 15.1	6.3	1.2	0.50	0.30	0.20	5.33
CTG04	38.0 - 199.9	200.0 - 255.9	256.0 - 649.9	d + 20.5	8.1	1.5	0.60	0.35	0.25	7.00
CTG05	200.0 - 255.9	256.0 - 649.9	650.0 - 999.9	d + 24.0	8.1	1.5	0.60	0.35	0.25	7.00
CTG06	256.0 - 649.9	650.0 - 999.9	-	d + 27.3	9.5	2.0	0.70	0.50	0.30	8.40
CTG07	> 1000			d + 38.0	13.8	2.0	1.00	0.70	0.60	12.00

(*) Pression > 40 MPa, nous consulter. *At pressure > 40 MPa, please contact us.*
Choix de la série en fonction des conditions de service : Nous consulter. *For the selection of the range according to working conditions, please contact us.*

Conditions de Service

Pression de service : jusqu'à 80 MPa (800 bar)
Vitesse : Jusqu'à 15 m/s.
Fluide : Tous fluides hydrauliques, air, eau…
Température : -50°C à +200°C (suivant matériaux).
Dimensions selon ISO 7425/2.

Avantages

Etanchéité double effet.
Faible frottement, pas de stick-slip.
Longue durée de vie.
Grande adaptabilité.

Applications

Hydraulique agricole.
Presses hydrauliques.
Presses à injecter.
Hydraulique mobile.

Matériaux standards

Bague : P24 : PTFE chargé bronze.
P32 : PTFE chargé Carbone/Graphite.

O-ring : NBR 70 shores A - code matière : N.
FKM 70 shores A - code matière : F.

Autres matériaux

Bague : P41 : PTFE chargé fibres de carbone.
P81 : Polyuréthane 72 shores D.

O-ring : EPDM 70 shores A - code matière : E.

Operating conditions

Pressure : *up to 80 MPa (800 bar).*
Speed : *up to 15 m/s.*
Media : *all hydraulic fluids, air, water…*
Temperature : *-50°C up to +200°C (regarding materials).*
Sizes in compliance with ISO 7425/2.

Advantages

Double acting effect.
Low friction, no stick-slip effect.
Long service life.
Large possibilities.

Applications

Farm machinery.
Hydraulic presses.
Injection moulding machines.
Mobile hydraulic equipment.

Standard materials

Ring : *P24 : PTFE + bronze filled.*
P32 : PTFE + Carbon/Graphite filled.

O-ring : *NBR 70 shores A - material code : N.*
FKM 70 shores A - material code : F.

Other materials

Ring : *P41 : PTFE + carbon fibres filled.*
P81 : Polyurethane 72 shores D.

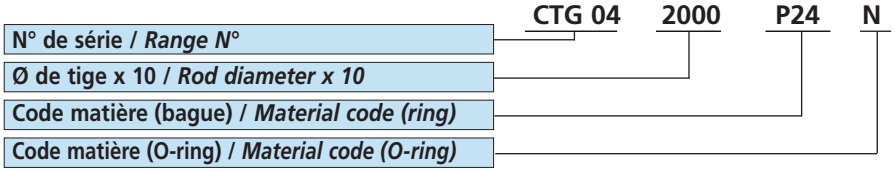
O-ring : *EPDM 70 shores A - material code : E.*

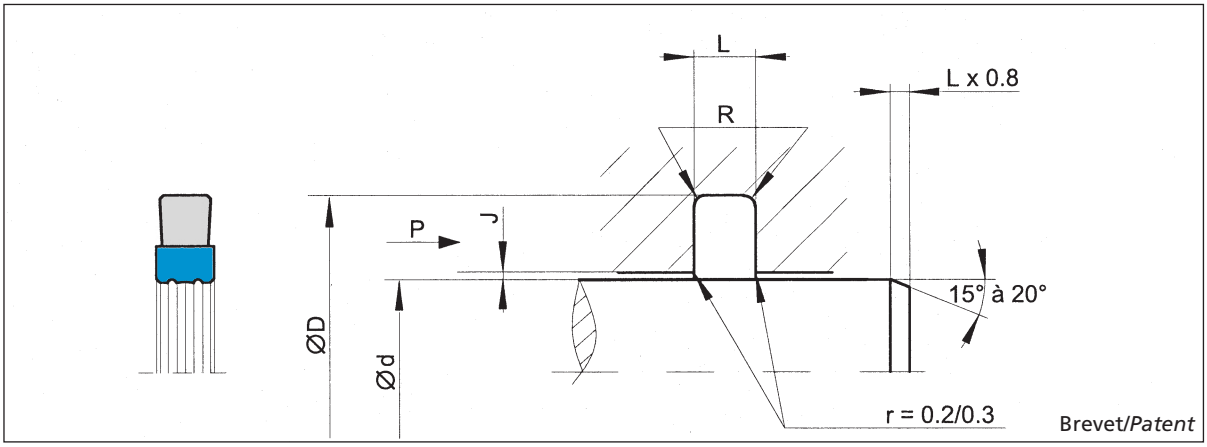
ø d	ø D	L	Code/Part N°
4.0	8.9	2.2	CTG00-0040
5.0	9.9	2.2	CTG00-0050
6.0	10.9	2.2	CTG00-0060
8.0	15.3	3.2	CTG01-0080
10.0	17.3	3.2	CTG01-0100
12.0	19.3	3.2	CTG01-0120
15.0	22.3	3.2	CTG01-0150
18.0	25.3	3.2	CTG01-0180
20.0	30.7	4.2	CTG02-0200
22.0	32.7	4.2	CTG02-0220
25.0	35.7	4.2	CTG02-0250
28.0	38.7	4.2	CTG02-0280
30.0	40.7	4.2	CTG02-0300
32.0	42.7	4.2	CTG02-0320
35.0	45.7	4.2	CTG02-0350
36.0	46.7	4.2	CTG02-0360
40.0	55.1	6.3	CTG03-0400
45.0	60.1	6.3	CTG03-0450
48.0	63.1	6.3	CTG03-0480
50.0	65.1	6.3	CTG03-0500
55.0	70.1	6.3	CTG03-0550
56.0	71.1	6.3	CTG03-0560
60.0	75.1	6.3	CTG03-0600
63.0	78.1	6.3	CTG03-0630
65.0	80.1	6.3	CTG03-0650
70.0	85.1	6.3	CTG03-0700
75.0	90.1	6.3	CTG03-0750
80.0	95.1	6.3	CTG03-0800
85.0	100.1	6.3	CTG03-0850
90.0	105.1	6.3	CTG03-0900
95.0	110.1	6.3	CTG03-0950
100.0	115.1	6.3	CTG03-1000
105.0	120.1	6.3	CTG03-1050
110.0	125.1	6.3	CTG03-1100
115.0	130.1	6.3	CTG03-1150
120.0	135.1	6.3	CTG03-1200
125.0	140.1	6.3	CTG03-1250
130.0	145.1	6.3	CTG03-1300
135.0	150.1	6.3	CTG03-1350
140.0	155.1	6.3	CTG03-1400
150.0	165.1	6.3	CTG03-1500
160.0	175.1	6.3	CTG03-1600
170.0	185.1	6.3	CTG03-1700
180.0	195.1	6.3	CTG03-1800
190.0	205.1	6.3	CTG03-1900

ø d	ø D	L	Code/Part N°
200.0	220.5	8.1	CTG04-2000
210.0	230.5	8.1	CTG04-2100
220.0	240.5	8.1	CTG04-2200
230.0	250.5	8.1	CTG04-2300
240.0	260.5	8.1	CTG04-2400
250.0	270.5	8.1	CTG04-2500
260.0	284.0	8.1	CTG05-2600
270.0	294.0	8.1	CTG05-2700
280.0	304.0	8.1	CTG05-2800
290.0	314.0	8.1	CTG05-2900
300.0	324.0	8.1	CTG05-3000
310.0	334.0	8.1	CTG05-3100
320.0	344.0	8.1	CTG05-3200
330.0	354.0	8.1	CTG05-3300
340.0	364.0	8.1	CTG05-3400
350.0	374.0	8.1	CTG05-3500
360.0	384.0	8.1	CTG05-3600
370.0	394.0	8.1	CTG05-3700
380.0	404.0	8.1	CTG05-3800
390.0	414.0	8.1	CTG05-3900
400.0	424.0	8.1	CTG05-4000
410.0	434.0	8.1	CTG05-4100
420.0	444.0	8.1	CTG05-4200
430.0	454.0	8.1	CTG05-4300
440.0	464.0	8.1	CTG05-4400
450.0	474.0	8.1	CTG05-4500
460.0	484.0	8.1	CTG05-4600
470.0	494.0	8.1	CTG05-4700
480.0	504.0	8.1	CTG05-4800
490.0	514.0	8.1	CTG05-4900
500.0	524.0	8.1	CTG05-5000
510.0	534.0	8.1	CTG05-5100
520.0	544.0	8.1	CTG05-5200
530.0	554.0	8.1	CTG05-5300
540.0	564.0	8.1	CTG05-5400
550.0	574.0	8.1	CTG05-5500
560.0	584.0	8.1	CTG05-5600
570.0	594.0	8.1	CTG05-5700
580.0	604.0	8.1	CTG05-5800
590.0	614.0	8.1	CTG05-5900
600.0	624.0	8.1	CTG05-6000
700.0	727.3	9.5	CTG06-7000
800.0	827.3	9.5	CTG06-8000
900.0	927.3	9.5	CTG06-9000
Jusqu'à 3000 mm de diamètre : *Up to 3000 mm diameter*			

Dimensions intermédiaires sur demande.
Other intermediate sizes on request.

Exemple de commande / *Ordering example :*





N° de série *Range N°*	Ød f8	ØD H9	L 0/+0.2	R	Jeu radial / *Radial gap* - J maxi. * 10 MPa (100 bar)	20 MPa (200 bar)	40 MPa (400 bar)
DW12	20.0 - 37.9	d + 10.7	4.2	0.5	0.40	0.25	0.20
DW13	38.0 - 199.9	d + 15.1	6.3	0.5	0.50	0.30	0.20
DW14	200.0 - 255.9	d + 20.5	8.1	0.5	0.60	0.35	0.25
DW15	256.0 - 649.9	d + 24.0	8.1	0.5	0.60	0.35	0.25
DW16	650.0 - 999.9	d + 27.3	9.5	0.5	0.70	0.50	0.30
DW17	> 1000	Nous consulter / *On request*					

(*) Pression > 40 MPa, nous consulter. *At pressure > 40 MPa, please contact us.*

Conditions de Service

Pression de service : jusqu'à 70 MPa (700 bar)
Vitesse : Jusqu'à 15 m/s.
Fluide : Tous fluides hydrauliques, air, eau…
Température : -50°C à +200°C.

Avantages

Etanchéité double effet.
Très haut niveau d'étanchéité.
Maintien en pression, maintien en position.
Faibles frottements, pas de stick-slip.
Pas de variations aléatoires du niveau d'étanchéité.

Applications

Machines-outils.
Presses à injecter.
Presses hydrauliques.

Matériaux standards

Bague : P24 : PTFE chargé bronze.
P32 : PTFE chargé Carbone/Graphite.
P81 : Polyuréthane 72 shores D.

Joint TR : NBR 70 shores A - code matière : N.
FKM 70 shores A - code matière : F.

Autres matériaux

Bague : P18 : PTFE modifié (bleu).
P91 : PE.UHMW grade spécifique.

Joint TR : EPDM 70 shores A - code matière : E.
Basse température : nous consulter.

Operating conditions

Pressure : *up to 70 MPa (700 bar).*
Speed : *up to 15 m/s.*
Media : *all hydraulic fluids, air, water…*
Temperature : *-50°C up to +200°C.*

Advantages

Double acting effect.
High sealing level.
Maintain in pressure, maintain in position.
Low friction, no stick-slip effect.
No unpredictable variations of the level of sealing.

Applications

Machines-tools.
Injection mouling machines.
Hydraulic presses.

Standard materials

Ring : *P24 : PTFE + Bronze filled.*
P32 : PTFE + Carbon/Graphite filled.
P81 : Polyurethane 72 shores D.

TR seal : *NBR 70 shores A - material code : N.*
FKM 70 shores A - material code : F.

Other materials

Ring : *P18 : Modified PTFE (blue).*
P91 : PE.UHMW specific grade.

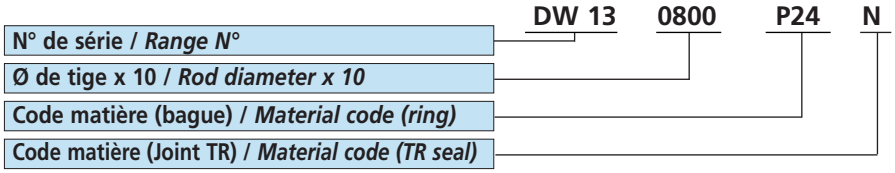
TR seal : *EPDM 70 shores A - material code : E.*
Low temperature : please consult us.

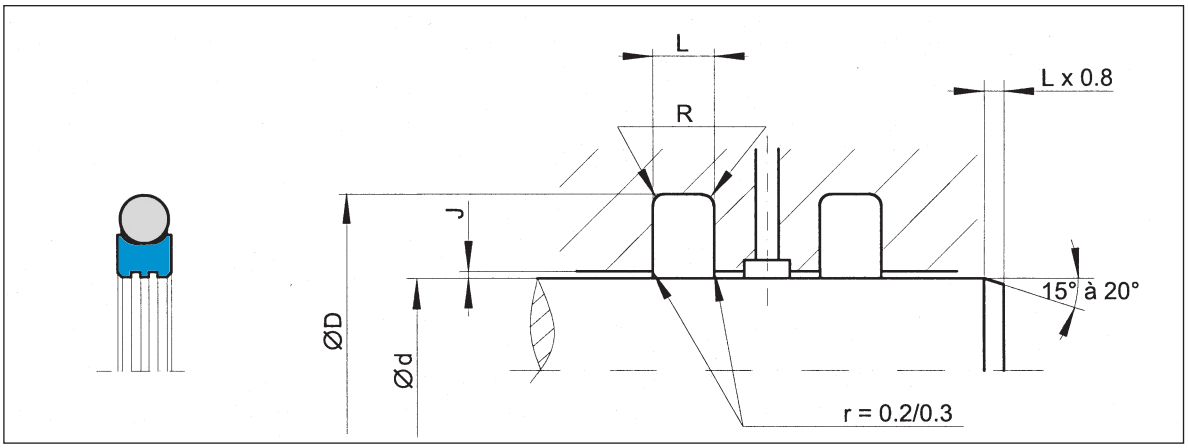
ø d	ø D	L	Code/Part N°
20.0	30.7	4.2	DW12-0200
22.0	32.7	4.2	DW12-0220
25.0	35.7	4.2	DW12-0250
28.0	38.7	4.2	DW12-0280
30.0	40.7	4.2	DW12-0300
35.0	45.7	4.2	DW12-0350
40.0	55.1	6.3	DW13-0400
45.0	60.1	6.3	DW13-0450
48.0	63.1	6.3	DW13-0480
50.0	65.1	6.3	DW13-0500
52.0	67.1	6.3	DW13-0520
55.0	70.1	6.3	DW13-0550
60.0	75.1	6.3	DW13-0600
63.0	78.1	6.3	DW13-0630
65.0	80.1	6.3	DW13-0650
70.0	85.1	6.3	DW13-0700
75.0	90.1	6.3	DW13-0750
80.0	95.1	6.3	DW13-0800
85.0	100.1	6.3	DW13-0850
90.0	105.1	6.3	DW13-0900
95.0	110.1	6.3	DW13-0950
100.0	115.1	6.3	DW13-1000
105.0	120.1	6.3	DW13-1050
110.0	125.1	6.3	DW13-1100
115.0	130.1	6.3	DW13-1150
120.0	135.1	6.3	DW13-1200
125.0	140.1	6.3	DW13-1250
130.0	145.1	6.3	DW13-1300
135.0	150.1	6.3	DW13-1350
140.0	155.1	6.3	DW13-1400
150.0	165.1	6.3	DW13-1500
160.0	175.1	6.3	DW13-1600
170.0	185.1	6.3	DW13-1700
180.0	195.1	6.3	DW13-1800
190.0	205.1	6.3	DW13-1900
200.0	220.5	8.1	DW14-2000
210.0	230.5	8.1	DW14-2100
220.0	240.5	8.1	DW14-2200
230.0	250.1	8.1	DW14-2300
240.0	260.5	8.1	DW14-2400

ø d	ø D	L	Code/Part N°
250.0	270.5	8.1	DW14-2500
260.0	284.0	8.1	DW15-2600
270.0	294.0	8.1	DW15-2700
280.0	304.0	8.1	DW15-2800
290.0	314.0	8.1	DW15-2900
300.0	324.0	8.1	DW15-3000
310.0	334.0	8.1	DW15-3100
320.0	344.0	8.1	DW15-3200
330.0	354.0	8.1	DW15-3300
340.0	364.0	8.1	DW15-3400
350.0	374.0	8.1	DW15-3500
360.0	384.0	8.1	DW15-3600
370.0	394.0	8.1	DW15-3700
380.0	404.0	8.1	DW15-3800
390.0	414.0	8.1	DW15-3900
400.0	424.0	8.1	DW15-4000
410.0	434.0	8.1	DW15-4100
420.0	444.0	8.1	DW15-4200
430.0	454.0	8.1	DW15-4300
440.0	464.0	8.1	DW15-4400
450.0	474.0	8.1	DW15-4500
460.0	484.0	8.1	DW15-4600
470.0	494.0	8.1	DW15-4700
480.0	504.0	8.1	DW15-4800
490.0	514.0	8.1	DW15-4900
500.0	524.0	8.1	DW15-5000
510.0	534.0	8.1	DW15-5100
520.0	544.0	8.1	DW15-5200
530.0	554.0	8.1	DW15-5300
540.0	564.0	8.1	DW15-5400
550.0	574.0	8.1	DW15-5500
560.0	584.0	8.1	DW15-5600
570.0	594.0	8.1	DW15-5700
580.0	604.0	8.1	DW15-5800
590.0	614.0	8.1	DW15-5900
600.0	624.0	8.1	DW15-6000
700.0	727.3	9.5	DW16-7000
800.0	827.3	9.5	DW16-8000
900.0	927.3	9.5	DW16-9000
Jusqu'à 3000 mm de diamètre : *Up to 3000 mm diameter*			

Dimensions intermédiaires sur demande.
Other intermediate sizes on request.

Exemple de commande / *Ordering example :*





N° de série *Range N°*	Ød f8 Série standard *Standard range*	Ød f8 Série possible *Extended range*	ØD H9	L 0/+0.2	R	Jeu radial/*Radial gap* J maxi. * 10 MPa (100 bar)	20 MPa (200 bar)	O-ring Série *Range*
CTR00	6.0 - 24.9	6.0 - 130.0	d + 4.9	2.2	0.4	0.15	0.10	1.78
CTR01	25.0 - 59.9	10.0 - 245.0	d + 7.5	3.2	0.6	0.20	0.15	2.62
CTR02	60.0 - 132.9	19.0 - 455.0	d + 11.0	4.2	1.0	0.25	0.20	3.53
CTR03	133.0 - 329.9	38.0 - 655.0	d + 15.5	6.3	1.3	0.30	0.25	5.33
CTR04	330.0 - 654.9	120.0 - 655.0	d + 21.0	8.1	1.8	0.30	0.25	7.00
CTR05	655.0 - 999.9	650.0 - 999.9	d + 28.0	9.5	2.5	0.45	0.30	8.40

(*) Pression > 30 MPa, nous consulter. *At pressure > 30 MPa, please contact us.*

Conditions de Service

Pression de service : jusqu'à 30 MPa (300 bar)
Vitesse : Jusqu'à 2 m/s.
Fluide : Tous fluides hydrauliques, air, eau…
Température : -50°C à +200°C.

Operating conditions

Pressure : *up to 30 MPa (300 bar).*
Speed : *up to 2 m/s.*
Media : *all hydraulic fluids, air, water…*
Temperature : *-50°C up to +200°C.*

Avantages

Etanchéité double effet.
Faible frottement, pas de stick-slip.
Mouvement rotatif, hélicoïdal ou oscillant.

Advantages

Double acting effect.
Low friction, no stick-slip effect.
Rotary, helical or oscillating movement.

Applications

Joints tournants.
Vérins rotatifs.
Distributeurs rotatifs.
Robots.

Applications

Swivel seals.
Rotary actuators.
Rotary distributors.
Robotics.

Matériaux standards

Bague : P41 : PTFE fibres de Carbone.
P32 : PTFE chargé Carbone/Graphite.

O-ring : NBR 70 shores A - code matière : N.
FKM 70 shores A - code matière : F.

Standard materials

Ring : *P41 : PTFE + Carbon fibers filled.*
P32 : PTFE + Carbon/Graphite filled.

O-ring : *NBR 70 shores A - material code : N.*
FKM 70 shores A - material code : F.

Autres matériaux

Bague : P91 : PE.UHMW grade spécifique.

O-ring : EPDM 70 shores A - code matière : E.

Other materials

Ring : *P91 : UHMW-PE specific grade.*

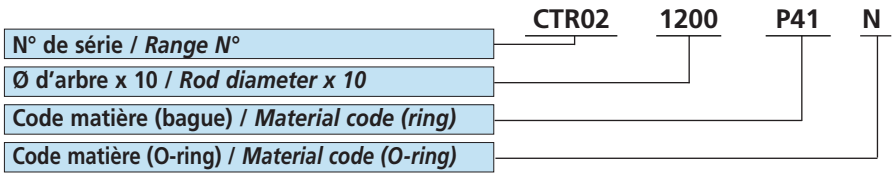
O-ring : *EPDM 70 shores A - material code : E.*

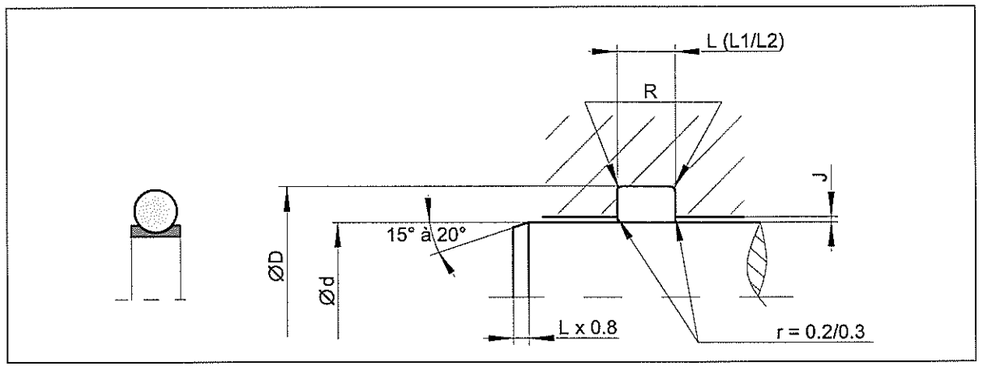
ø d	ø D	L	Code/Part N°
6.0	10.9	2.2	CTR00-0060
8.0	12.9	2.2	CTR00-0080
10.0	14.9	2.2	CTR00-0100
12.0	16.9	2.2	CTR00-0120
14.0	18.9	2.2	CTR00-0140
15.0	19.9	2.2	CTR00-0150
16.0	20.9	2.2	CTR00-0160
18.0	22.9	2.2	CTR00-0180
20.0	24.9	2.2	CTR00-0200
25.0	32.5	3.2	CTR01-0250
28.0	35.5	3.2	CTR01-0280
30.0	37.5	3.2	CTR01-0300
35.0	42.5	3.2	CTR01-0350
36.0	43.5	3.2	CTR01-0360
40.0	47.5	3.2	CTR01-0400
42.0	49.5	3.2	CTR01-0420
45.0	52.5	3.2	CTR01-0450
48.0	55.5	3.2	CTR01-0480
50.0	57.5	3.2	CTR01-0500
52.0	59.5	3.2	CTR01-0520
55.0	62.5	3.2	CTR01-0550
56.0	63.5	3.2	CTR01-0560
60.0	71.0	4.2	CTR02-0600
63.0	74.0	4.2	CTR02-0630
65.0	76.0	4.2	CTR02-0650
70.0	81.0	4.2	CTR02-0700
75.0	86.0	4.2	CTR02-0750
80.0	91.0	4.2	CTR02-0800
85.0	96.0	4.2	CTR02-0850
90.0	101.0	4.2	CTR02-0900
95.0	106.0	4.2	CTR02-0950
100.0	111.0	4.2	CTR02-1000
105.0	116.0	4.2	CTR02-1050
110.0	121.0	4.2	CTR02-1100
115.0	126.0	4.2	CTR02-1150
120.0	131.0	4.2	CTR02-1200
125.0	136.0	4.2	CTR02-1250
130.0	141.0	4.2	CTR02-1300
135.0	150.5	6.3	CTR03-1350
140.0	155.5	6.3	CTR03-1400
150.0	165.5	6.3	CTR03-1500
160.0	175.5	6.3	CTR03-1600
170.0	185.5	6.3	CTR03-1700
180.0	195.5	6.3	CTR03-1800
190.0	205.5	6.3	CTR03-1900

ø d	ø D	L	Code/Part N°
200.0	215.5	6.3	CTR03-2000
210.0	225.5	6.3	CTR03-2100
220.0	235.5	6.3	CTR03-2200
230.0	245.5	6.3	CTR03-2300
240.0	255.5	6.3	CTR03-2400
250.0	265.5	6.3	CTR03-2500
260.0	275.5	6.3	CTR03-2600
270.0	285.5	6.3	CTR03-2700
280.0	295.5	6.3	CTR03-2800
290.0	305.5	6.3	CTR03-2900
300.0	315.5	6.3	CTR03-3000
310.0	325.5	6.3	CTR03-3100
320.0	335.5	6.3	CTR03-3200
330.0	351.0	8.1	CTR04-3300
340.0	361.0	8.1	CTR04-3400
350.0	371.0	8.1	CTR04-3500
360.0	381.0	8.1	CTR04-3600
370.0	391.0	8.1	CTR04-3700
380.0	401.0	8.1	CTR04-3800
390.0	411.0	8.1	CTR04-3900
400.0	421.0	8.1	CTR04-4000
410.0	431.0	8.1	CTR04-4100
420.0	441.0	8.1	CTR04-4200
430.0	451.0	8.1	CTR04-4300
440.0	461.0	8.1	CTR04-4400
450.0	471.0	8.1	CTR04-4500
460.0	481.0	8.1	CTR04-4600
470.0	491.0	8.1	CTR04-4700
480.0	501.0	8.1	CTR04-4800
490.0	511.0	8.1	CTR04-4900
500.0	521.0	8.1	CTR04-5000
510.0	531.0	8.1	CTR04-5100
520.0	541.0	8.1	CTR04-5200
530.0	551.0	8.1	CTR04-5300
540.0	561.0	8.1	CTR04-5400
550.0	571.0	8.1	CTR04-5500
560.0	581.0	8.1	CTR04-5600
570.0	591.0	8.1	CTR04-5700
580.0	601.0	8.1	CTR04-5800
590.0	611.0	8.1	CTR04-5900
600.0	621.0	8.1	CTR04-6000
700.0	728.0	9.5	CTR05-7000
800.0	828.0	9.5	CTR05-8000
900.0	928.0	9.5	CTR05-9000
Jusqu'à 3000 mm de diamètre / *Up to 3000 mm diameter*			

Dimensions intermédiaires sur demande.
Other intermediate sizes on request.

Exemple de commande / *Ordering example :*





SÉRIES AS568A / BS1706 et SMS1586 - Données techniques communes.
AS568A / BS1706 and SMS1586 Ranges - Common technical datas.

Conditions de Service

Pression de service : jusqu'à 35 MPa (350 bar)
Vitesse : Jusqu'à 15 m/s.
Fluide : Tous fluides hydrauliques, air, eau...
Température : -50°C à +200°C.

Avantages

Etanchéité double effet.
Réduction optimale des frottements.
Dimensions de gorge réduites.
Montage dans gorge de joint torique.
Matériau pour fonctionnement à sec.

Applications

Vérins d'asservissement.
Servocommande (Aéronautique).

Matériaux standards

Bague : P18 : PTFE modifié (bleu).

O-ring : NBR 70 shores A - code matière : N.

Autres matériaux

Bague : P31 : PTFE chargé Carbone.
P41 : PTFE chargé fibres de Carbone.
P91 : PE.UHMW grade spécifique.

O-ring : FKM 70 shores A - code matière : F.

Operating conditions

Pressure : *up to 35 MPa (350 bar).*
Speed : *up to 15 m/s.*
Media : *all hydraulic fluids, air, water...*
Temperature : *-50°C up to +200°C.*

Advantages

Double acting effect.
Optimal low friction.
Groove reduction.
Setting up in O-ring groove.
Material for dry application.

Applications

Servo control jacks.
Servomechanism (Aeronautic).

Standard materials

Ring : *P18 : Modified PTFE (blue).*

O-ring : *NBR 70 shores A - material code : N.*

Other materials

Ring : *P31 : PTFE + Carbon filled.*
P41 : PTFE + Carbon fibres filled.
P91 : UHMW-PE specific grade.

O-ring : *FKM 70 shores A - material code : F.*

Exemple de commande (séries AS, BS et SMS) / ***Ordering example*** *(AS, BS and SMS ranges) :*

N° de série / *Range N°*	R8103			
Ø de tige x 10 / *Rod diameter x 10*		0900		
Code matière (bague) / *Material code (ring)*			P18	
Code matière (O-ring) / *Material code (O-ring)*				N

SÉRIES AS568A / BS1706 - *AS568A / BS1706 RANGES*

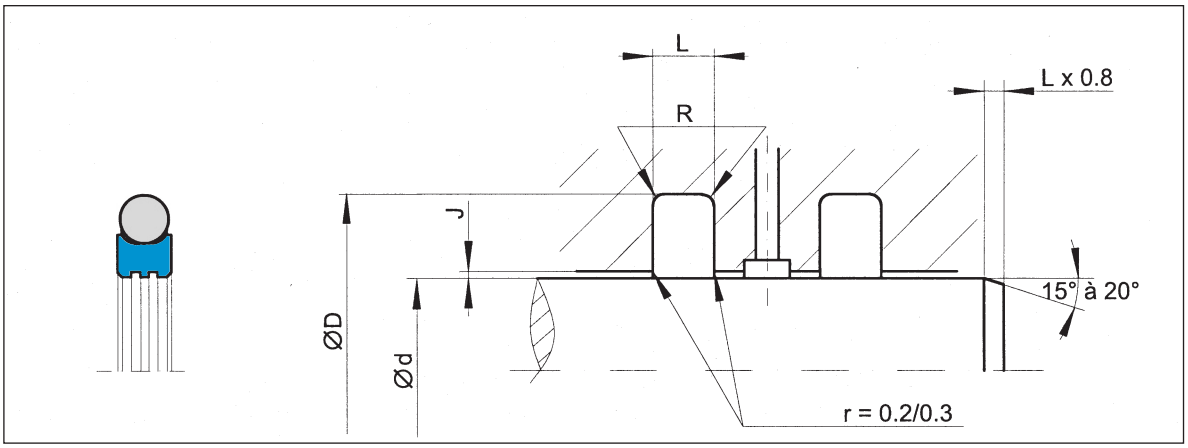
N° de série *Range N°*	O-ring AS568A / BS1706 Série/*Range*	Tore /*Cross section*	Ød f8	ØD H11	L 0/+0.2	L1 0/+0.2	L2 0/+0.2	R	Jeu radial *Radial gap* J*
R8100	000	1.78	4.0 - 9.9	d + 2.9	2.40			0.40	0.06
R8101	100	2.62	10.0 - 19.9	d + 4.5	3.60			0.40	0.06
R8102	200	3.53	20.0 - 39.9	d + 6.2	4.80			0.60	0.07
R8103	300	5.33	40.0 - 119.9	d + 9.4	7.10			0.80	0.08
R8104	400	7.00	120.0 - 400.9	d + 12.2	9.50			0.80	0.12
R8110	000	1.78	4.0 - 9.9	d + 2.9		3.80		0.40	0.06
R8111	100	2.62	10.0 - 19.9	d + 4.5		4.65		0.40	0.06
R8112	200	3.53	20.0 - 39.9	d + 6.2		5.70		0.60	0.07
R8113	300	5.33	40.0 - 119.9	d + 9.4		8.50		0.80	0.08
R8114	400	7.00	120.0 - 400.9	d + 12.2		11.20		0.80	0.12
R8120	000	1.78	4.0 - 9.9	d + 2.9			5.30	0.40	0.06
R8121	100	2.62	10.0 - 19.9	d + 4.5			6.20	0.40	0.06
R8122	200	3.53	20.0 - 39.9	d + 6.2			7.70	0.60	0.07
R8123	300	5.33	40.0 - 119.9	d + 9.4			10.80	0.80	0.08
R8124	400	7.00	120.0 - 400.9	d + 12.2			14.70	0.80	0.12

L : Sans bague anti-extrusion — ***L :*** *Without back-up ring.*
L1 : Avec 1 bague anti-extrusion — ***L1 :*** *With 1 back-up ring.*
L2 : Avec 2 bagues anti-extrusion — ***L2 :*** *With 2 back-up rings.*
Choix de la série, nous consulter - ***J**** = *jeu radial maxi.*
*For the selection of the range, please contact us - **J**** = *maxi radial gap.*

SÉRIE SMS1586 / *SMS1586 RANGE*

N° de série *Range N°*	O-ring SMS	Ød f8	ØD H11	L 0/+0,2	L1 0/+0,2	L2 0/+0,2	R	Jeu radial *Radial gap* J*
R8106	2.4	4.0 - 19.9	d + 4.0	3.20			0.50	0.06
R8107	3.0	20.0 - 45.9	d + 5.0	4.00			1.00	0.07
R8108	5.7	46.0 - 145.9	d + 10.0	7.50			1.00	0.08
R8109	8.4	146.0 - 250.9	d + 15.0	11.00			1.00	0.12
R8116	2.4	4.0 - 19.9	d + 4.0		4.60		0.50	0.06
R8117	3.0	20.0 - 45.9	d + 5.0		5.40		1.00	0.07
R8118	5.7	46.0 - 145.9	d + 10.0		9.30		1.00	0.08
R8119	8.4	146.0 - 250.9	d + 15.0		13.20		1.00	0.12
R8126	2.4	4.0 - 19.9	d + 4.0			6.00	0.50	0.06
R8127	3.0	20.0 - 45.9	d + 5.0			6.80	1.00	0.07
R8128	5.7	46.0 - 145.9	d + 10.0			11.10	1.00	0.08
R8129	8.4	146.0 - 250.9	d + 15.0			15.40	1.00	0.12

L : Sans bague anti-extrusion — ***L :*** *Without back-up ring.*
L1 : Avec 1 bague anti-extrusion — ***L1 :*** *With 1 back-up ring.*
L2 : Avec 2 bagues anti-extrusion — ***L2 :*** *With 2 back-up rings.*
Choix de la série, nous consulter - **J*** = jeu radial maxi.
*For the selection of the range, please contact us - **J**** = *maxi radial gap.*



N° de série *Range N°*	Ød f8 Série standard *Standard range*	Ød f8 Série possible *Extended range*	ØD H9	L 0/+0.2	R	Jeu radial/*Radial gap* J maxi. * 10 MPa (100 bar)	20 MPa (200 bar)	O-ring Série *Range*
CTR00	6.0 - 24.9	6.0 - 130.0	d + 4.9	2.2	0.4	0.15	0.10	1.78
CTR01	25.0 - 59.9	10.0 - 245.0	d + 7.5	3.2	0.6	0.20	0.15	2.62
CTR02	60.0 - 132.9	19.0 - 455.0	d + 11.0	4.2	1.0	0.25	0.20	3.53
CTR03	133.0 - 329.9	38.0 - 655.0	d + 15.5	6.3	1.3	0.30	0.25	5.33
CTR04	330.0 - 654.9	120.0 - 655.0	d + 21.0	8.1	1.8	0.30	0.25	7.00
CTR05	655.0 - 999.9	650.0 - 999.9	d + 28.0	9.5	2.5	0.45	0.30	8.40

(*) Pression > 30 MPa, nous consulter. *At pressure > 30 MPa, please contact us.*

Conditions de Service

Pression de service : jusqu'à 30 MPa (300 bar)
Vitesse : Jusqu'à 2 m/s.
Fluide : Tous fluides hydrauliques, air, eau…
Température : -50°C à +200°C.

Operating conditions

Pressure : *up to 30 MPa (300 bar).*
Speed : *up to 2 m/s.*
Media : *all hydraulic fluids, air, water…*
Temperature : *-50°C up to +200°C.*

Avantages

Etanchéité double effet.
Faible frottement, pas de stick-slip.
Mouvement rotatif, hélicoïdal ou oscillant.

Advantages

Double acting effect.
Low friction, no stick-slip effect.
Rotary, helical or oscillating movement.

Applications

Joints tournants.
Vérins rotatifs.
Distributeurs rotatifs.
Robots.

Applications

Swivel seals.
Rotary actuators.
Rotary distributors.
Robotics.

Matériaux standards

Bague : P41 : PTFE fibres de Carbone.
P32 : PTFE chargé Carbone/Graphite.

O-ring : NBR 70 shores A - code matière : N.
FKM 70 shores A - code matière : F.

Standard materials

Ring : *P41 : PTFE + Carbon fibers filled.*
P32 : PTFE + Carbon/Graphite filled.

O-ring : *NBR 70 shores A - material code : N.*
FKM 70 shores A - material code : F.

Autres matériaux

Bague : P91 : PE.UHMW grade spécifique.

O-ring : EPDM 70 shores A - code matière : E.

Other materials

Ring : *P91 : UHMW-PE specific grade.*

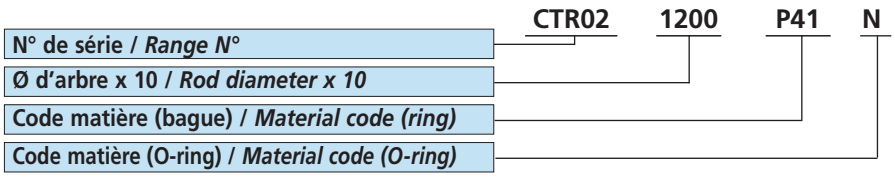
O-ring : *EPDM 70 shores A - material code : E.*

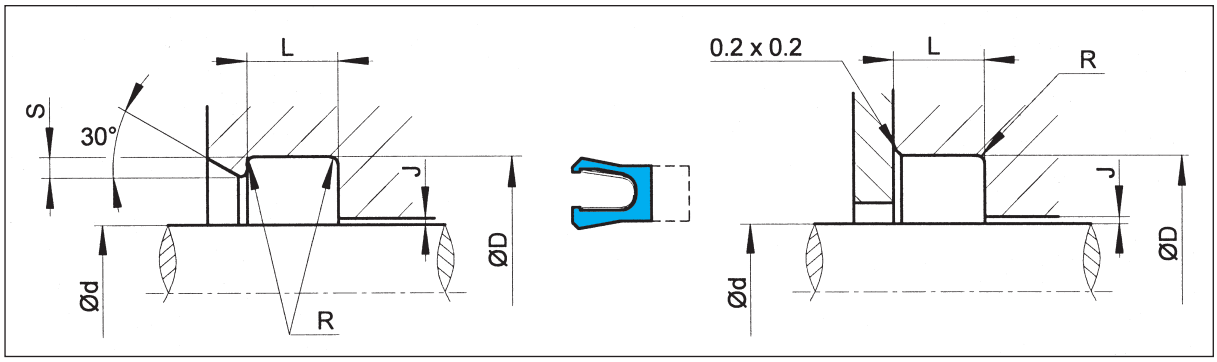
ø d	ø D	L	Code/Part N°
6.0	10.9	2.2	CTR00-0060
8.0	12.9	2.2	CTR00-0080
10.0	14.9	2.2	CTR00-0100
12.0	16.9	2.2	CTR00-0120
14.0	18.9	2.2	CTR00-0140
15.0	19.9	2.2	CTR00-0150
16.0	20.9	2.2	CTR00-0160
18.0	22.9	2.2	CTR00-0180
20.0	24.9	2.2	CTR00-0200
25.0	32.5	3.2	CTR01-0250
28.0	35.5	3.2	CTR01-0280
30.0	37.5	3.2	CTR01-0300
35.0	42.5	3.2	CTR01-0350
36.0	43.5	3.2	CTR01-0360
40.0	47.5	3.2	CTR01-0400
42.0	49.5	3.2	CTR01-0420
45.0	52.5	3.2	CTR01-0450
48.0	55.5	3.2	CTR01-0480
50.0	57.5	3.2	CTR01-0500
52.0	59.5	3.2	CTR01-0520
55.0	62.5	3.2	CTR01-0550
56.0	63.5	3.2	CTR01-0560
60.0	71.0	4.2	CTR02-0600
63.0	74.0	4.2	CTR02-0630
65.0	76.0	4.2	CTR02-0650
70.0	81.0	4.2	CTR02-0700
75.0	86.0	4.2	CTR02-0750
80.0	91.0	4.2	CTR02-0800
85.0	96.0	4.2	CTR02-0850
90.0	101.0	4.2	CTR02-0900
95.0	106.0	4.2	CTR02-0950
100.0	111.0	4.2	CTR02-1000
105.0	116.0	4.2	CTR02-1050
110.0	121.0	4.2	CTR02-1100
115.0	126.0	4.2	CTR02-1150
120.0	131.0	4.2	CTR02-1200
125.0	136.0	4.2	CTR02-1250
130.0	141.0	4.2	CTR02-1300
135.0	150.5	6.3	CTR03-1350
140.0	155.5	6.3	CTR03-1400
150.0	165.5	6.3	CTR03-1500
160.0	175.5	6.3	CTR03-1600
170.0	185.5	6.3	CTR03-1700
180.0	195.5	6.3	CTR03-1800
190.0	205.5	6.3	CTR03-1900

ø d	ø D	L	Code/Part N°
200.0	215.5	6.3	CTR03-2000
210.0	225.5	6.3	CTR03-2100
220.0	235.5	6.3	CTR03-2200
230.0	245.5	6.3	CTR03-2300
240.0	255.5	6.3	CTR03-2400
250.0	265.5	6.3	CTR03-2500
260.0	275.5	6.3	CTR03-2600
270.0	285.5	6.3	CTR03-2700
280.0	295.5	6.3	CTR03-2800
290.0	305.5	6.3	CTR03-2900
300.0	315.5	6.3	CTR03-3000
310.0	325.5	6.3	CTR03-3100
320.0	335.5	6.3	CTR03-3200
330.0	351.0	8.1	CTR04-3300
340.0	361.0	8.1	CTR04-3400
350.0	371.0	8.1	CTR04-3500
360.0	381.0	8.1	CTR04-3600
370.0	391.0	8.1	CTR04-3700
380.0	401.0	8.1	CTR04-3800
390.0	411.0	8.1	CTR04-3900
400.0	421.0	8.1	CTR04-4000
410.0	431.0	8.1	CTR04-4100
420.0	441.0	8.1	CTR04-4200
430.0	451.0	8.1	CTR04-4300
440.0	461.0	8.1	CTR04-4400
450.0	471.0	8.1	CTR04-4500
460.0	481.0	8.1	CTR04-4600
470.0	491.0	8.1	CTR04-4700
480.0	501.0	8.1	CTR04-4800
490.0	511.0	8.1	CTR04-4900
500.0	521.0	8.1	CTR04-5000
510.0	531.0	8.1	CTR04-5100
520.0	541.0	8.1	CTR04-5200
530.0	551.0	8.1	CTR04-5300
540.0	561.0	8.1	CTR04-5400
550.0	571.0	8.1	CTR04-5500
560.0	581.0	8.1	CTR04-5600
570.0	591.0	8.1	CTR04-5700
580.0	601.0	8.1	CTR04-5800
590.0	611.0	8.1	CTR04-5900
600.0	621.0	8.1	CTR04-6000
700.0	728.0	9.5	CTR05-7000
800.0	828.0	9.5	CTR05-8000
900.0	928.0	9.5	CTR05-9000
Jusqu'à 3000 mm de diamètre / *Up to 3000 mm diameter*			

Dimensions intermédiaires sur demande.
Other intermediate sizes on request.

Exemple de commande / *Ordering example :*





R616X : Profil standard / *standard profile* - R617X : Talon renforcé / *Reinforced back*

N° série *Range N°*	Type	Tige / Rod Ød f8 Série standard *Standard Range*	Ød f8 Série possible *Extended range*	ØD H9	L 0/+0,2	Gorge semi-ouverte *Open Groove* S	R maxi.	Jeu radial / *Radial gap* J. maxi 20 MPa (200 bar)	40 MPa (400 bar)
R6160	000	6.0 - 13.9	6.0 - 40	d + 2.9	2.40	0.4	0.4	0.08	0.06
R6170					3.80				
R6161	100	14.0 - 24.9	13.0 - 200	d + 4.5	3.60	0.6	0.4	0.10	0.08
R6171					4.65				
R6162	200	25.0 - 45.9	16.0 - 400	d + 6.2	4.80	0.7	0.7	0.16	0.08
R6172					5.70				
R6163	300	46.0 - 124.9	28.0 - 700	d + 9.4	7.10	0.8	0.8	0.20	0.10
R6173					8.50				
R6164	400	125.0 - 999.9	45.0 - 999.9	d + 12.2	9.50	0.9	0.8	0.25	0.12
R6174					11.20				

(*) Pression > 40 MPa, J maxi = H8 f8. Pour pression > 80 MPa, nous consulter.
(*) At pressure > 40 MPa, J maxi = H8 f8. At pressure > 80 MPa, please, contact us.
ATTENTION : La température a une incidence sur la tenue en pression. Nous consulter pour le jeu J maxi à utiliser.
CAUTION : The temperature has an impact on the extrusion gap. Please contact us to define maxi gap.
* Dimensions spécifiques sur demande. *Specific sizes on request.*

Conditions de Service

Pression de service : jusqu'à 45 MPa (450 bar)
Vitesse : Jusqu'à 15 m/s.
Fluide : Pratiquement tous types, chimiques et gaz.
Température : -70°C à +260°C.

Avantages

Très faible coefficient de frottement.
Pas de stick-slip.
Excellent effet de raclage.
Haute résistance à l'abrasion.
FDA, stérilisable.

Applications

Vannes.
Pompes.
Vérins.
Equipement de dosage.

Matériaux standards

Joint : P41 : PTFE chargé fibres de Carbone.
P18 : PTFE modifié (bleu).
P91 : PE.UHMW grade spécifique.

Ressort : Acier inoxydable AISI301

Autres matériaux

Joint : P31 : PTFE chargé Carbone.
P12 : PTFE chargé Ekonol.

Ressort : Hastelloy®.
Elgiloy®.

Operating conditions

Pressure : *up to 45 MPa (450 bar).*
Speed : *up to 15 m/s.*
Media : *Almost all chemical fluids and gas.*
Temperature : *-70°C up to +260°C.*

Advantages

Very low friction cœfficient.
No stick-slip effect.
Excellent scraping effect.
High abrasion resistance.
FDA, can be sterilized.

Applications

Valves.
Pumps.
Actuators.
Dosing devices.

Standard materials

Seal : *P41 : PTFE + Carbon fibres filled.*
P18 : Modified PTFE (blue).
P91 : UHMW.PE specific grade.

Spring : *Stainless steel AISI301*

Other materials

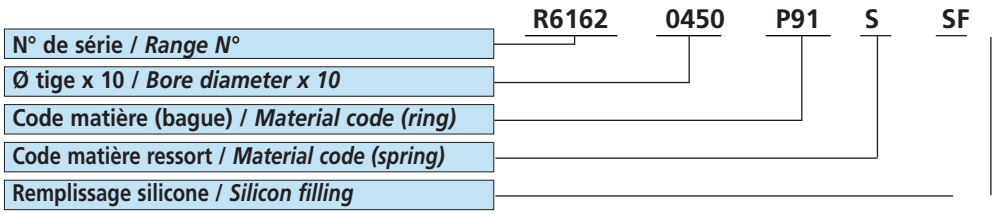
Seal : *P31 : PTFE + Carbon filled.*
P12 : PTFE + Ekonol filled.

Spring : *Hastelloy®.*
Elgiloy® .

ø d	ø D	L	Code/Part N°
3.0	5.9	2.4	R6160-0030
4.0	6.9	2.4	R6160-0040
5.0	7.9	2.4	R6160-0050
6.0	8.9	2.4	R6160-0060
8.0	10.9	2.4	R6160-0080
10.0	12.9	2.4	R6160-0100
12.0	14.9	2.4	R6160-0120
14.0	18.5	3.6	R6161-0140
15.0	19.5	3.6	R6161-0150
16.0	20.5	3.6	R6161-0160
18.0	22.5	3.6	R6161-0180
20.0	24.5	3.6	R6161-0200
22.0	26.5	3.6	R6161-0220
25.0	31.2	4.8	R6162-0250
28.0	34.2	4.8	R6162-0280
30.0	36.2	4.8	R6162-0300
32.0	38.2	4.8	R6162-0320
35.0	41.2	4.8	R6162-0350
36.0	42.2	4.8	R6162-0360
40.0	46.2	4.8	R6162-0400
42.0	48.2	4.8	R6162-0420
45.0	51.2	4.8	R6162-0450
48.0	57.4	7.1	R6163-0480
50.0	59.4	7.1	R6163-0500
52.0	61.4	7.1	R6163-0520
55.0	64.4	7.1	R6163-0550
56.0	65.4	7.1	R6163-0560
60.0	69.4	7.1	R6163-0600
63.0	72.4	7.1	R6163-0630
65.0	74.4	7.1	R6163-0650
70.0	79.4	7.1	R6163-0700

ø d	ø D	L	Code/Part N°
75.0	84.4	7.1	R6163-0750
80.0	89.4	7.1	R6163-0800
85.0	94.4	7.1	R6163-0850
90.0	99.4	7.1	R6163-0900
95.0	104.4	7.1	R6163-0950
100.0	109.4	7.1	R6163-1000
105.0	114.4	7.1	R6163-1050
110.0	119.4	7.1	R6163-1100
115.0	124.4	7.1	R6163-1150
120.0	129.4	7.1	R6163-1200
125.0	137.2	9.5	R6164-1250
130.0	142.2	9.5	R6164-1300
135.0	147.2	9.5	R6164-1350
140.0	152.2	9.5	R6164-1400
150.0	162.2	9.5	R6164-1500
160.0	172.2	9.5	R6164-1600
170.0	182.2	9.5	R6164-1700
180.0	192.2	9.5	R6164-1800
190.0	202.2	9.5	R6164-1900
200.0	212.2	9.5	R6164-2000
210.0	222.2	9.5	R6164-2100
220.0	232.2	9.5	R6164-2200
230.0	242.2	9.5	R6164-2300
240.0	252.2	9.5	R6164-2400
250.0	262.2	9.5	R6164-2500
280.0	292.2	9.5	R6164-2800
300.0	312.2	9.5	R6164-3000
320.0	332.2	9.5	R6164-3200
350.0	362.2	9.5	R6164-3500
360.0	372.2	9.5	R6164-3600
400.0	412.2	9.5	R6164-4000

Exemple de commande : / *Ordering example :*



Autres variantes / *Other possibilities :*

Type V

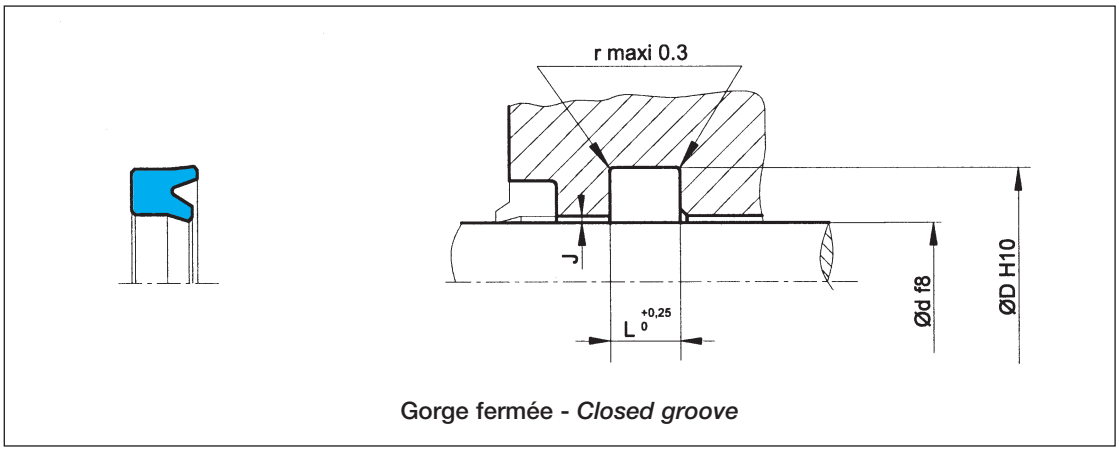
R610X - Profil standard / *Standard profile*
R611X - Talon renforcé / *Reinforced back*

Type H

R630X - Profil standard / *Standard profile*
R631X - Talon renforcé / *Reinforced back*

Statique / Static

R670X - Profil standard / *Standard profile*
R671X - Talon renforcé / *Reinforced back*



Gorge fermée - *Closed groove*

Conditions de Service

Pression de service : jusqu'à 40 MPa (400 bar)
Vitesse : 0.5 m/s.
Fluide : huile minérale hydraulique.
Température : -30°C à +100°C.

Operating conditions

Pressure : *up to 40 MPa (400 bar).*
Speed : *0.5 m/s.*
Media : *mineral hydraulic oil.*
Temperature : *-30°C up to +100°C.*

Jeu d'extrusion / Extrusion gap

Pression *Pressure*	Jeu maxi *Maxi gap*
5 MPa	0.4
10 MPa	0.3
20 MPa	0.2
40 MPa	0.1

Avantages

Bonne étanchéité statique et dynamique.
Bonne résistance à l'abrasion.
Bonne résistance à l'extrusion.
Gorge simple.
Solution économique.

Advantages

Good static and dynamic level of sealing.
High abrasion resistance.
Good resistance to clearance extrusion.
Simple groove.
Economical solution.

Applications

Mini engins de T.P.
Applications hydrauliques moyennes et légères.
Matériel de levage.

Applications

Mini excavators.
Medium and light hydraulic applications.
Handling equipment.

Matériaux standards

Polyuréthane AU 93 shores A.

Standard materials

Polyurethane AU 93 shores A.

Autres matériaux

FKM 90 shores A.
NBR 90 shores A.

Other materials

FKM 90 shores A.
NBR 90 shores A.

Autres variantes

Type HURL

Profil avec arête d'appui
Double lip seal

Other options

Type HURLA

Profil avec arête d'appui et bague anti-extrusion
Double lip seal with back-up ring

ø d	ø D	L	Code/Part N°
6.0	12.0	6.3	HUR0601AU
6.0	**14.0**	**6.3**	**HUR0602AU**
8.0	14.0	3.2	HUR0801AU
8.0	14.4	10.5	HUR0802AU
8.0	**16.0**	**6.3**	**HUR0803AU**
8.0	18.0	9.0	HUR0804AU
10.0	**18.0**	**6.3**	**HUR1001AU**
10.0	**20.0**	**8.0**	**HUR1002AU**
10.0	20.0	9.0	HUR1003AU
12.0	**20.0**	**6.4**	**HUR1201AU**
12.0	**22.0**	**8.0**	**HUR1202AU**
12.0	22.0	9.0	HUR1203AU
14.0	21.0	5.8	HUR1401AU
14.0	**22.0**	**6.3**	**HUR1402AU**
14.0	**24.0**	**8.0**	**HUR1403AU**
14.0	24.0	9.0	HUR1404AU
15.0	23.0	6.3	HUR1501AU
15.0	25.0	9.0	HUR1502AU
16.0	20.6	3.6	HUR1601AU
16.0	22.0	6.0	HUR1602AU
16.0	**24.0**	**6.3**	**HUR1603AU**
16.0	24.0	7.0	HUR1604AU
16.0	26.0	8.0	HUR1605AU
16.0	26.0	9.0	HUR1606AU
16.0	26.0	10.0	HUR1607AU
18.0	24.0	5.2	HUR1801AU
18.0	**26.0**	**6.3**	**HUR1802AU**
18.0	26.0	9.0	HUR1803AU
18.0	**28.0**	**8.0**	**HUR1804AU**
18.0	28.0	9.0	HUR1805AU
20.0	26.0	5.5	HUR2001AU
20.0	**28.0**	**6.3**	**HUR2002AU**
20.0	28.0	7.0	HUR2003AU
20.0	28.0	8.0	HUR2004AU
20.0	**30.0**	**8.0**	**HUR2005AU**
20.0	30.0	9.0	HUR2006AU
20.0	30.0	11.0	HUR2007AU
20.0	35.0	11.0	HUR2008AU
22.0	**30.0**	**6.3**	**HUR2201AU**
22.0	**32.0**	**8.0**	**HUR2202AU**
22.0	32.0	9.0	HUR2203AU
22.0	32.0	11.0	HUR2204AU
24.0	34.0	8.0	HUR2401AU
24.0	34.0	9.5	HUR2402AU
25.0	**33.0**	**6.3**	**HUR2501AU**
25.0	33.0	7.0	HUR2502AU
25.0	33.0	8.0	HUR2503AU
25.0	33.0	9.0	HUR2504AU
25.0	33.0	11.0	HUR2505AU
25.0	**35.0**	**8.0**	**HUR2506AU**
25.0	35.0	9.0	HUR2507AU
25.0	35.0	11.0	HUR2508AU

ø d	ø D	L	Code/Part N°
25.0	38.0	10.0	HUR2509AU
25.0	40.0	11.0	HUR2510AU
28.0	36.0	6.3	HUR2801AU
28.0	**38.0**	**8.0**	**HUR2802AU**
28.0	38.0	9.0	HUR2803AU
28.0	38.0	11.0	HUR2804AU
28.0	40.0	9.5	HUR2805AU
28.0	40.0	11.0	HUR2806AU
28.0	**43.0**	**12.5**	**HUR2807AU**
29.0	35.0	6.3	HUR2901AU
30.0	38.0	6.3	HUR3001AU
30.0	38.0	7.0	HUR3002AU
30.0	38.0	9.0	HUR3003AU
30.0	40.0	6.3	HUR3004AU
30.0	40.0	8.0	HUR3005AU
30.0	40.0	10.5	HUR3006AU
30.0	40.0	11.0	HUR3007AU
30.0	43.0	10.0	HUR3008AU
30.0	45.0	9.0	HUR3009AU
30.0	45.0	11.0	HUR3010AU
32.0	40.0	6.3	HUR3201AU
32.0	40.0	9.0	HUR3202AU
32.0	**42.0**	**8.0**	**HUR3203AU**
32.0	42.0	11.0	HUR3204AU
32.0	42.5	9.0	HUR3205AU
32.0	45.0	10.5	HUR3206AU
32.0	47.0	11.0	HUR3207AU
33.0	43.0	11.0	HUR3301AU
35.0	43.0	6.3	HUR3501AU
35.0	43.0	7.0	HUR3502AU
35.0	43.0	9.0	HUR3503AU
35.0	45.0	8.0	HUR3504AU
35.0	45.0	11.0	HUR3505AU
35.0	45.0	13.5	HUR3506AU
35.0	46.0	9.0	HUR3507AU
35.0	46.0	10.0	HUR3508AU
35.0	50.0	11.0	HUR3509AU
35.0	55.0	13.0	HUR3510AU
36.0	44.0	6.3	HUR3601AU
36.0	**46.0**	**8.0**	**HUR3602AU**
36.0	46.0	11.0	HUR3603AU
36.0	48.0	9.0	HUR3604AU
36.0	51.0	11.0	HUR3605AU
36.0	**51.0**	**12.5**	**HUR3606AU**
37.0	45.0	6.3	HUR3701AU
38.0	44.5	5.3	HUR3801AU
38.0	45.0	5.5	HUR3802AU
38.0	45.0	7.0	HUR3803AU
40.0	48.0	6.3	HUR4001AU
40.0	48.0	9.0	HUR4002AU
40.0	49.5	10.5	HUR4003AU
40.0	**50.0**	**8.0**	**HUR4004AU**

Dimensions en gras : référenciel ISO 5597.
Sizes in bold type : as ISO 5597.

ø d	ø D	L	Code/Part N°
40.0	50.0	11.0	HUR4005AU
40.0	50.0	13.5	HUR4006AU
40.0	52.0	9.0	HUR4007AU
40.0	55.0	11.0	HUR4008AU
40.0	**55.0**	**12.5**	**HUR4009AU**
40.0	60.0	13.0	HUR4010AU
42.0	62.0	11.0	HUR4201AU
42.0	62.0	13.0	HUR4202AU
45.0	53.0	6.3	HUR4501AU
45.0	53.0	9.0	HUR4502AU
45.0	53.0	11.0	HUR4503AU
45.0	53.0	13.0	HUR4504AU
45.0	**55.0**	**8.0**	**HUR4505AU**
45.0	55.0	11.0	HUR4506AU
45.0	57.7	10.5	HUR4507AU
45.0	58.0	10.0	HUR4508AU
45.0	60.0	11.0	HUR4509AU
45.0	**60.0**	**12.5**	**HUR4510AU**
45.0	65.0	11.0	HUR4511AU
45.0	65.0	13.0	HUR4512AU
45.0	65.0	14.5	HUR4513AU
46.0	56.0	8.0	HUR4601AU
50.0	**60.0**	**8.0**	**HUR5001AU**
50.0	60.0	11.0	HUR5002AU
50.0	60.0	13.0	HUR5003AU
50.0	62.0	9.0	HUR5004AU
50.0	62.7	10.5	HUR5005AU
50.0	65.0	11.0	HUR5006AU
50.0	**65.0**	**12.5**	**HUR5007AU**
50.0	68.0	10.0	HUR5008AU
50.0	70.0	11.0	HUR5009AU
50.0	70.0	13.0	HUR5010AU
50.0	70.0	14.5	HUR5011AU
55.0	63.0	13.0	HUR5501AU
55.0	65.0	8.0	HUR5502AU
55.0	65.0	11.0	HUR5503AU
55.0	65.0	13.0	HUR5504AU
55.0	65.0	14.5	HUR5505AU
55.0	67.0	11.0	HUR5506AU
55.0	70.0	11.0	HUR5507AU
55.0	70.0	13.0	HUR5508AU
55.0	75.0	13.0	HUR5509AU
55.0	75.0	14.5	HUR5510AU
56.0	66.0	11.0	HUR5601AU
56.0	71.0	11.0	HUR5602AU
56.0	**71.0**	**12.5**	**HUR5603AU**
56.0	76.0	13.0	HUR5604AU
56.0	76.0	14.5	HUR5605AU
56.0	**76.0**	**16.0**	**HUR5606AU**
60.0	70.0	8.0	HUR6001AU
60.0	70.0	11.0	HUR6002AU
60.0	70.0	13.0	HUR6003AU

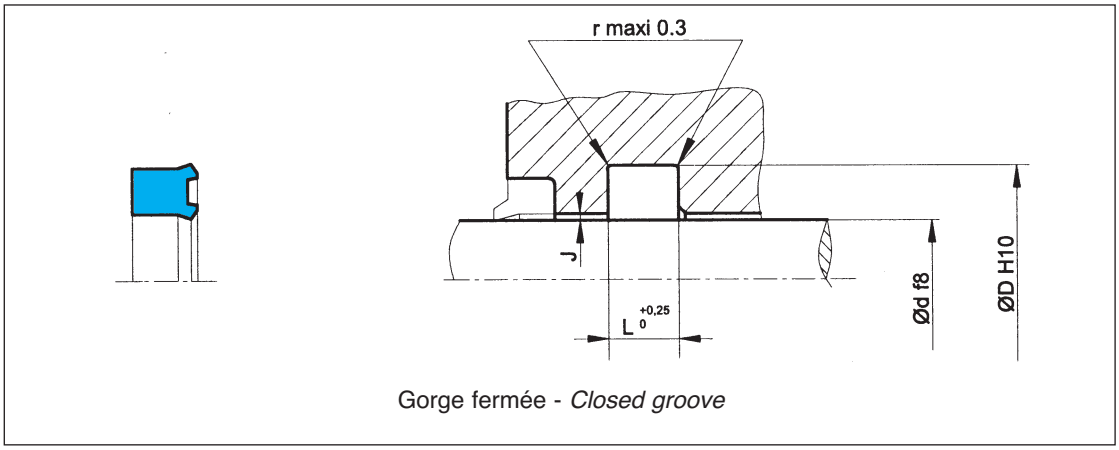
ø d	ø D	L	Code/Part N°
60.0	72.0	9.0	HUR6004AU
60.0	72.0	10.0	HUR6005AU
60.0	75.0	11.0	HUR6006AU
60.0	75.0	13.0	HUR6007AU
60.0	77.0	12.0	HUR6008AU
60.0	80.0	13.0	HUR6009AU
60.0	80.0	14.5	HUR6010AU
61.0	69.0	8.5	HUR6101AU
62.0	74.0	14.0	HUR6201AU
63.0	73.0	11.0	HUR6301AU
63.0	73.0	13.0	HUR6302AU
63.0	78.0	11.0	HUR6303AU
63.0	**78.0**	**12.5**	**HUR6304AU**
63.0	78.0	13.0	HUR6305AU
63.0	83.0	13.0	HUR6306AU
63.0	83.0	14.5	HUR6307AU
63.0	**83.0**	**16.0**	**HUR6308AU**
65.0	75.0	9.0	HUR6501AU
65.0	75.0	11.0	HUR6502AU
65.0	75.0	13.0	HUR6503AU
65.0	75.0	14.5	HUR6504AU
65.0	77.0	10.0	HUR6505AU
65.0	80.0	11.0	HUR6506AU
65.0	80.0	13.0	HUR6507AU
65.0	85.0	13.0	HUR6508AU
65.0	85.0	14.5	HUR6509AU
70.0	80.0	6.5	HUR7001AU
70.0	80.0	8.0	HUR7002AU
70.0	80.0	11.0	HUR7003AU
70.0	80.0	13.0	HUR7004AU
70.0	85.0	11.0	HUR7005AU
70.0	**85.0**	**12.5**	**HUR7006AU**
70.0	85.0	13.0	HUR7007AU
70.0	90.0	13.0	HUR7008AU
70.0	90.0	14.5	HUR7009AU
70.0	**90.0**	**16.0**	**HUR7010AU**
72.0	82.5	8.0	HUR7201AU
75.0	85.0	8.0	HUR7501AU
75.0	85.0	13.0	HUR7502AU
75.0	90.0	11.0	HUR7503AU
75.0	90.0	13.0	HUR7504AU
75.0	95.0	13.0	HUR7505AU
75.0	95.0	14.5	HUR7506AU
76.0	84.0	8.5	HUR7601AU
80.0	90.0	8.0	HUR8001AU
80.0	90.0	13.0	HUR8002AU
80.0	90.0	15.0	HUR8003AU
80.0	95.0	11.0	HUR8004AU
80.0	**95.0**	**12.5**	**HUR8005AU**
80.0	95.0	13.0	HUR8006AU
80.0	100.0	13.0	HUR8007AU
80.0	100.0	14.5	HUR8008AU

Dimensions en gras : référenciel ISO 5597.
Sizes in bold type : as ISO 5597.

ø d	ø D	L	Code/Part N°
80.0	**100.0**	**16.0**	**HUR8009AU**
85.0	93.0	12.5	HUR8501AU
85.0	95.0	8.0	HUR8502AU
85.0	95.0	12.0	HUR8503AU
85.0	95.0	13.0	HUR8504AU
85.0	100.0	12.0	HUR8505AU
85.0	100.0	12.5	HUR8506AU
85.0	100.0	13.0	HUR8507AU
85.0	105.0	13.0	HUR8508AU
85.0	105.0	14.5	HUR8509AU
90.0	100.0	12.5	HUR9001AU
90.0	**105.0**	**9.5**	**HUR9002AU**
90.0	105.0	10.5	HUR9003AU
90.0	**105.0**	**12.5**	**HUR9004AU**
90.0	105.0	13.0	HUR9005AU
90.0	110.0	13.0	HUR9006AU
90.0	**110.0**	**16.0**	**HUR9007AU**
91.0	99.0	8.5	HUR9101AU
93.0	104.0	11.0	HUR9301AU
95.0	105.0	11.0	HUR9501AU
95.0	115.0	13.0	HUR9502AU
100.0	110.0	15.0	HUR10001AU
100.0	113.0	13.5	HUR10002AU
100.0	115.0	11.5	HUR10003AU
100.0	115.0	13.0	HUR10004AU
100.0	120.0	13.0	HUR10005AU
100.0	120.0	14.5	HUR10006AU
100.0	**120.0**	**16.0**	**HUR10007AU**
100.0	**125.0**	**20.0**	**HUR10008AU**
105.0	115.0	11.0	HUR10501AU
105.0	115.0	12.5	HUR10502AU
105.0	115.0	14.5	HUR10503AU
105.0	125.0	13.0	HUR10504AU
110.0	125.0	12.0	HUR11001AU
110.0	125.0	16.0	HUR11002AU
110.0	130.0	13.0	HUR11003AU
110.0	**130.0**	**16.0**	**HUR11004AU**
110.0	**135.0**	**20.0**	**HUR11005AU**
115.0	135.0	13.0	HUR11501AU
120.0	130.0	8.0	HUR12001AU
120.0	130.0	12.5	HUR12002AU
120.0	132.0	11.0	HUR12003AU
120.0	135.0	12.5	HUR12004AU
120.0	135.0	16.0	HUR12005AU
120.0	140.0	13.0	HUR12006AU
120.0	140.0	16.0	HUR12007AU
125.0	145.0	13.0	HUR12501AU
125.0	**145.0**	**16.0**	**HUR12502AU**
125.0	150.0	15.0	HUR12503AU
125.0	**150.0**	**20.0**	**HUR12504AU**
125.0	155.0	19.0	HUR12505AU

ø d	ø D	L	Code/Part N°
127.0	139.7	10.0	HUR12701AU
130.0	140.0	8.0	HUR13001AU
130.0	145.0	13.0	HUR13002AU
130.0	145.0	15.0	HUR13003AU
130.0	145.0	16.0	HUR13004AU
130.0	150.0	13.0	HUR13005AU
130.0	150.0	16.0	HUR13006AU
140.0	150.0	12.5	HUR14001AU
140.0	155.0	13.0	HUR14002AU
140.0	160.0	13.0	HUR14003AU
140.0	**160.0**	**16.0**	**HUR14004AU**
140.0	**165.0**	**20.0**	**HUR14005AU**
145.0	157.7	10.0	HUR14501AU
147.0	160.0	13.0	HUR14701AU
150.0	170.0	13.0	HUR15001AU
150.0	170.0	14.5	HUR15002AU
150.0	170.0	16.0	HUR15003AU
160.0	180.0	13.0	HUR16001AU
160.0	180.0	16.0	HUR16002AU
160.0	**185.0**	**20.0**	**HUR16003AU**
165.0	195.0	21.0	HUR16501AU
170.0	190.0	13.0	HUR17001AU
170.0	190.0	16.0	HUR17002AU
180.0	200.0	13.0	HUR18001AU
180.0	200.0	16.0	HUR18002AU
180.0	200.0	20.0	HUR18003AU
190.0	210.0	13.0	HUR19001AU
190.0	210.0	16.0	HUR19002AU
198.0	207.6	7.5	HUR19801AU
200.0	212.0	16.0	HUR20001AU
200.0	220.0	13.0	HUR20002AU
200.0	220.0	16.0	HUR20003AU
200.0	**225.0**	**20.0**	**HUR20004AU**
210.0	230.0	13.0	HUR21001AU
210.0	230.0	15.0	HUR21002AU
210.0	230.0	16.0	HUR21003AU
210.0	235.0	26.0	HUR21004AU
220.0	240.0	13.0	HUR22001AU
220.0	240.0	16.0	HUR22002AU
220.0	250.0	19.0	HUR22003AU
230.0	250.0	13.0	HUR23001AU
230.0	260.0	25.0	HUR23002AU
240.0	260.0	13.0	HUR24001AU
240.0	260.0	16.0	HUR24002AU
240.0	270.0	19.0	HUR24003AU
250.0	270.0	13.0	HUR25001AU
250.0	270.0	16.0	HUR25002AU
250.0	280.0	23.0	HUR25003AU
270.0	300.0	19.0	HUR27001AU
280.0	305.0	16.0	HUR28001AU
280.0	**310.0**	**25.0**	**HUR28002AU**

Dimensions en gras : référenciel ISO 5597.
Sizes in bold type : as ISO 5597.



Gorge fermée - *Closed groove*

Conditions de Service

Pression de service : jusqu'à 40 MPa (400 bar)
Vitesse : 0.5 m/s.
Fluide : huile minérale hydraulique.
Température : -30°C à +100°C.

Operating conditions

Pressure : *up to 40 MPa (400 bar).*
Speed : *0.5 m/s.*
Media : *mineral hydraulic oil.*
Temperature : *-30°C up to +100°C.*

Jeu d'extrusion / Extrusion gap

Pression *Pressure*	Jeu maxi *Maxi gap*
5 MPa	0.4
10 MPa	0.3
20 MPa	0.2
40 MPa	0.1

Avantages

Bonne étanchéité statique et dynamique.
Bonne résistance à l'abrasion.
Bonne résistance à l'extrusion.
Gorge simple.
Solution économique.

Advantages

Good static and dynamic level of sealing.
High abrasion resistance.
Good resistance to clearance extrusion.
Simple groove.
Economical solution.

Applications

Mini engins de T.P.
Applications hydrauliques moyennes et légères.
Matériel de levage.

Applications

Mini excavators.
Medium and light hydraulic applications.
Handling equipment.

Matériau standard

Polyuréthane AU 93 shores A.

Standard material

Polyurethane AU 93 shores A.

Autres matériaux

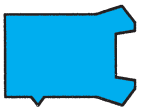
FKM 90 shores A.
NBR 90 shores A.

Other materials

FKM 90 shores A.
NBR 90 shores A.

Autres variantes

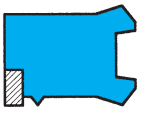
Type HUTL



Profil avec arête d'appui
Double lip seal

Other options

Type HUTLA



Profil avec arête d'appui et bague anti-extrusion
Double lip seal with back-up ring

ø d	ø D	L	Code/Part. N°
12.0	18.0	5.0	HUT1201AU
12.0	**20.0**	**6.3**	**HUT1202AU**
16.0	22.0	4.5	HUT1601AU
16.0	**24.0**	**6.3**	**HUT1602AU**
16.0	24.0	7.0	HUT1603AU
18.0	**25.0**	**6.0**	**HUT1801AU**
18.0	26.0	7.0	HUT1802AU
18.0	28.0	6.3	HUT1803AU
18.0	**28.0**	**8.0**	**HUT1804AU**
20.0	25.0	3.5	HUT2001AU
20.0	25.0	4.5	HUT2002AU
20.0	26.0	6.0	HUT2003AU
20.0	27.0	6.5	HUT2004AU
20.0	**28.0**	**6.3**	**HUT2005AU**
20.0	28.0	8.0	HUT2006AU
20.0	**30.0**	**8.0**	**HUT2007AU**
20.0	30.0	9.0	HUT2008AU
20.0	30.0	11.0	HUT2009AU
21.0	27.0	5.0	HUT2101AU
22.0	28.0	5.0	HUT2201AU
22.0	**29.0**	**5.6**	**HUT2202AU**
22.0	30.0	7.0	HUT2203AU
22.0	30.0	8.0	HUT2204AU
22.0	**32.0**	**8.0**	**HUT2205AU**
22.0	32.0	9.0	HUT2206AU
24.0	30.0	5.0	HUT2401AU
24.0	34.0	6.5	HUT2402AU
25.0	32.0	5.0	HUT2501AU
25.0	32.0	6.5	HUT2502AU
25.0	33.0	6.3	HUT2503AU
25.0	33.0	9.0	HUT2504AU
25.0	35.0	6.0	HUT2505AU
25.0	35.0	8.0	HUT2506AU
25.0	**35.0**	**9.0**	**HUT2507AU**
25.0	35.0	10.0	HUT2508AU
25.0	35.0	11.0	HUT2509AU
25.0	36.0	6.0	HUT2510AU
25.0	38.0	11.0	HUT2511AU
28.0	**36.0**	**6.3**	**HUT2801AU**
28.0	36.0	9.0	HUT2802AU
28.0	**38.0**	**8.0**	**HUT2803AU**
28.5	36.5	9.0	HUT2851AU
30.0	38.0	6.3	HUT3001AU
30.0	38.0	9.0	HUT3002AU

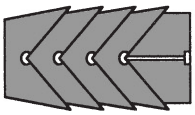
ø d	ø D	L	Code/Part. N°
30.0	40.0	8.0	HUT3003AU
30.0	40.0	11.0	HUT3004AU
32.0	40.0	6.3	HUT3201AU
32.0	40.0	9.0	HUT3202AU
32.0	**42.0**	**8.0**	**HUT3203AU**
32.0	42.0	9.0	HUT3204AU
32.0	42.0	11.0	HUT3205AU
35.0	43.0	7.0	HUT3501AU
35.0	43.0	9.0	HUT3502AU
35.0	45.0	8.0	HUT3503AU
35.0	45.0	11.0	HUT3504AU
36.0	**44.0**	**6.3**	**HUT3601AU**
36.0	44.0	7.0	HUT3602AU
36.0	44.0	9.0	HUT3603AU
36.0	**46.0**	**8.0**	**HUT3604AU**
36.0	46.0	11.0	HUT3605AU
36.0	57.0	6.0	HUT3606AU
38.0	45.0	7.0	HUT3801AU
40.0	48.0	6.3	HUT4001AU
40.0	48.0	9.0	HUT4002AU
40.0	50.0	7.0	HUT4003AU
40.0	**50.0**	**8.0**	**HUT4004AU**
40.0	50.0	11.0	HUT4005AU
42.0	53.0	10.0	HUT4201AU
45.0	53.0	7.0	HUT4501AU
45.0	53.0	9.0	HUT4502AU
45.0	53.0	11.0	HUT4503AU
45.0	**55.0**	**8.0**	**HUT4504AU**
45.0	55.0	11.0	HUT4505AU
46.0	54.0	9.0	HUT4601AU
50.0	58.0	9.0	HUT5001AU
50.0	**60.0**	**8.0**	**HUT5002AU**
50.0	60.0	11.0	HUT5003AU
50.0	62.0	9.0	HUT5004AU
50.0	62.0	11.0	HUT5005AU
50.0	65.0	11.0	HUT5006AU
55.0	63.0	9.0	HUT5501AU
55.0	65.0	8.0	HUT5502AU
55.0	65.0	11.0	HUT5503AU
55.0	65.0	13.0	HUT5504AU
56.0	**66.0**	**7.5**	**HUT5601AU**
56.0	66.0	11.0	HUT5602AU
60.0	68.0	9.0	HUT6001AU
60.0	68.0	14.0	HUT6002AU

ø d	ø D	L	Code/Part. N°
60.0	70.0	8.0	HUT6003AU
60.0	70.0	11.0	HUT6004AU
60.0	70.0	13.0	HUT6005AU
60.0	72.0	10.0	HUT6006AU
61.0	69.0	9.0	HUT6101AU
63.0	71.0	9.0	HUT6301AU
63.0	75.0	11.0	HUT6302AU
65.0	75.0	13.0	HUT6501AU
66.0	80.0	11.0	HUT6601AU
68.0	76.0	9.0	HUT6801AU
70.0	78.0	9.0	HUT7001AU
70.0	**80.0**	**7.5**	**HUT7002AU**
70.0	80.0	8.0	HUT7003AU
70.0	80.0	11.0	HUT7004AU
70.0	80.0	13.0	HUT7005AU
70.0	82.0	10.0	HUT7006AU
72.0	78.0	7.0	HUT7201AU
75.0	85.0	8.0	HUT7501AU
75.0	85.0	13.0	HUT7502AU
76.0	84.0	9.0	HUT7601AU
78.0	86.0	14.0	HUT7801AU
78.0	93.0	11.5	HUT7802AU
80.0	90.0	8.0	HUT8001AU
80.0	90.0	13.0	HUT8002AU
80.0	90.0	15.0	HUT8003AU
85.0	95.0	8.0	HUT8501AU
85.0	97.0	9.5	HUT8502AU
86.0	92.0	7.0	HUT8601AU
88.0	96.0	9.0	HUT8801AU
90.0	96.0	5.5	HUT9001AU
90.0	**100.0**	**7.5**	**HUT9002AU**
90.0	100.0	13.5	HUT9003AU
91.0	99.0	9.0	HUT9101AU
95.0	112.0	12.5	HUT9501AU
97.0	105.0	14.0	HUT9701AU
107.0	115.0	9.0	HUT10701AU
118.0	126.0	14.0	HUT11801AU
120.0	135.0	16.0	HUT12001AU
126.0	134.0	9.0	HUT12601AU
140.0	155.5	6.3	HUT14001AU
143.0	151.0	14.0	HUT14301AU
145.0	153.0	9.0	HUT14501AU
147.0	155.0	11.0	HUT14701AU
170.0	180.0	11.0	HUT17001AU

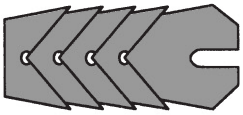
Dimensions en gras : référentiel ISO 5597 et NF E 48039.
Sizes in bold type : according to ISO 5597 and NF E 48039.

Indépendamment de sa gamme standard, Repack-S possède, dans son programme de fabrication, toute une gamme complémentaire dont vous trouverez quelques exemples.

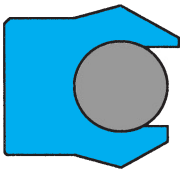
Besides its standard range, Repack-S can supply a lot of complementary available products. Here are some examples :



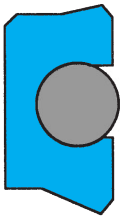
Série CH5 - *CH5 range*



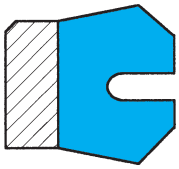
Série CHX - *CHX range*



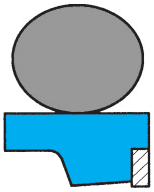
Série HUX - *HUX range*



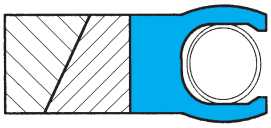
Série CTI - *CTI range*



Série GUE - *GUE range*



DANA STEP “hy-duty”
“hy-duty” DANA STEP



DANAFLEX haute pression
High pressure DANAFLEX

Société / *Company :* _____ Nom / *Name :* _____

Adresse / *Address :* _____

Phone : _____ *Fax :* _____ *E-mail :* _____

Application / *Equipment :* _____

Sous-ensemble / *Component :* _____

Application existante / *Existing application :* _____ Nouveau projet / *New project :* _____

Conditions de service / *Operating conditions :* _____

Dimensions */Sizes :* _____ Tolérances / *Clearances :* _____

Pression de fonctionnement / *Working pressure :* _____ Pression d'essai / *Test pressure :* _____

Fluide / *Media :* _____ Norme / *Standard :* _____ Viscosité / *Viscosity :* _____

Course / *Stroke :* _____ Fréquence / *Frequency :* _____ Vitesse / *Velocity :* _____

Temp. normale (°C) / *Normal Temp. (°C) :* _____ Mini : _____ Maxi : _____

Conditions complémentaires / *Other conditions :* _____

Conditions mécaniques / *Mechanical conditions :* _____

Matériaux / **Materials :** _____ Traitements / *Treatments :* _____ Dureté / *Hardness :* _____

Etat de surface / *Roughness surface :* _____ µRa : _____ µRz : _____ Rmr : _____

Type de guidage associé / *Associated Guide elements :* _____

Position de travail / *Working position :* Horizontal / *Horizontal :* _____ Vertical / *Vertical :* _____

Notions commerciales / *Commercial aspect :*

Quantité par commande / *Quantity per order :* _____ Quantité par an / *Quantity per year :* _____

Essai / *Test* ☐ Série / *Series* ☐ *Maintenance* ☐