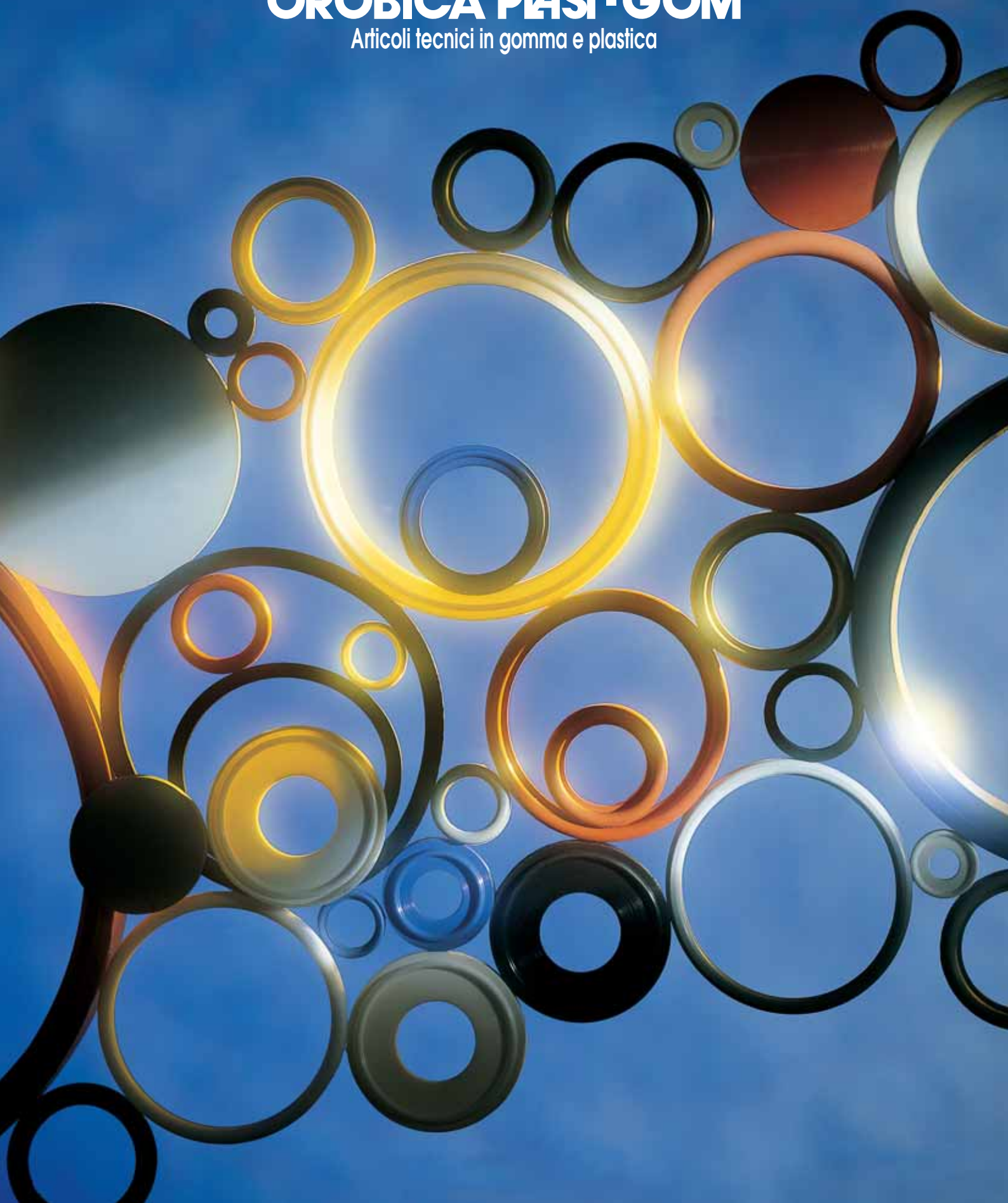




OROBICA PLAST-GOM

Articoli tecnici in gomma e plastica



Linee guida per la scelta dei materiali per guarnizioni "DN" Guidelines for selecting materials for gaskets "DN"

Sigla - Symbol		Materiali Materials	Gruppo Chimico Chemical Group	Temperature di Utilizzo Working Temperatures	Generalmente Resiste a: Generally Resistant To:	Generalmente Viene Attaccato da: Generally Attacked By:
ASTM D-1418-79	ISO 1629-1976 (E)					
NBR	NBR	Nitrile	Butadiene-Acrylonitrile-Copolymer (Nitrile-Buna-Perbunam)	- 20° + 120° C - 68° + 248° F	Molti Idrocarburi, Grassi, Olii, Sostanze Oleose, Fluidi Idraulici e Chimici <i>Many Hydrocarbons, Fats, Oils, Oily Substances, Hydraulic Fluids and Liquid</i>	Ozono, Chetoni, Esteri, Aldeidi, Idrocarburi Nitrati, Cloruri <i>Ozone, Ketones, Esters, Aldehydes, Hydrocarbons, Nitrates and Chlorides</i>
H-NBR	H-NBR	Nitrile Hydroge-nated	Butadiene-Acrylonitrile-Copolymer (Nitrile-Buna-Perbunam)	- 20° + 150° C - 68° + 302° F	Molti Idrocarburi, Grassi, Olii, Sostanze Oleose, Fluidi Idraulici e Chimici <i>Many Hydrocarbons, Fats, Oils, Oily Substances, Hydraulic Fluids and Liquid</i>	Ozono, Chetoni, Esteri, Aldeidi, Idrocarburi Nitrati, Cloruri <i>Ozone, Ketones, Esters, Aldehydes, Hydrocarbons, Nitrates and Chlorides</i>
EPDM	EPDM	Ethylene Propylene	Ethylene-Propylene Copolymer and Terpolymer	- 40° + 150° C - 104° + 302° F	Acqua, Vapore e Fluidi per Freni <i>Water, Steam and Brake Fluids</i>	Olii Minerali e Solventi, Idrocarburi Aromatici <i>Minerals Oils and Solvents, Aromatic Hydrocarbons</i>
VMQ	MVQ	Silicone	Silicone-Organic Polymer	- 50° + 200° C - 122° + 392° F	Sostanze Ossidanti, Ozono, Idrossido di Sodio Concentrato <i>Oxidizing Substances, Ozone, Concentrated Sodium Hydroxide</i>	Solventi Vari, Olii, Acidi Concentrati, Idrossido di Sodio Diluito <i>Various Solvents, Oils, Concentrated Acids, Diluted Sodium Hydroxide</i>
FKM	FPM	Fluoro-carbon	Standard-Fluorocarbon Dipolymer 66% Fluoro	- 20° + 220° C - 68° + 428° F	Ogni Prodotto Alifatico, Idrocarburi Aromatici, Acidi, Olii Vegetali ed Animali <i>Any Aliphatic Product, Aromatic Hydrocarbons, Acids, Vegetable and Animal Oils</i>	Chetoni, Esteri a Basso Peso Molecolare e Mescole Contendenti Nitro <i>Ketones, Esters with Low Molecular Weight and Compounds Containing Nitric</i>
PTFE	PTFE	Politetrafluoroethylene		- 20° + 280° C - 68° + 536° F	Praticamente Inerte a tutti i Reagenti Chimici <i>Practically Inert Against All Chemical Reagents</i>	Metalli Alcalini allo Stato Elementare, Trifluoruro di Cloro e Fluoro Elementare ad Alta Temperatura e Pressione <i>Alkali Metals to the Primary State, the Chlorine Trifluoride and Elementary Fluoro at High Temperature and Pressure</i>

Note: I dati sono stati ricavati da test di laboratorio e da fonti industriali. Essi vengono forniti unicamente come indicazioni generali e non devono essere la base per effettuare decisioni progettuali.

Note: These data have been obtained from laboratory tests and industrial sources. They are given to the customers just as general directions and they can't be the foundation of planning decisions.

Joints Gaskets: E DIN 11851:2013-02 Tab.5 and SMS

E DIN 11851:2013-02		SMS	Article Code	d12	p	d11	S	S1	r3
(1.0)	(1.1)	(1.0)	Orobica P.G.						
	10		056.7010	10,50±0,20	4,75±0,10	12,00±0,20	5,00±0,20	1,50	2,00±0,10
10			056.0010	12,00±0,20	4,00±0,10		4,50±0,20		2,00±0,10
	15		056.7015	16,50±0,20	4,75±0,10	18,00±0,20	5,00±0,20	1,50	2,00±0,10
15			056.0015	18,00±0,25	4,00±0,10		4,50±0,20		2,00±0,10
	20		056.7020	20,50±0,25	6,25±0,15	23,00±0,25	5,00±0,20	1,50	2,50±0,15
20			056.0020	23,00±0,25	5,00±0,15		4,50±0,20		2,50±0,15
	25	25	056.2500	25,00±0,25	3,50±0,10		5,50±0,20		1,75±0,10
	25		056.7025	26,50±0,25	3,75±0,15	30,00±0,25	6,00±0,20	2,00	2,50±0,15
25			056.0025	30,00±0,35	5,00±0,15		5,00±0,20		2,50±0,15
25			056.00251	30,00±0,35	5,00±0,15		8,00±0,20		2,50±0,15
	32		056.7032	32,50±0,35	6,75±0,15	36,00±0,35	6,00±0,20	2,00	2,50±0,15
32			056.0032	36,00±0,35	5,00±0,15		5,00±0,20		2,50±0,15
32			056.00321	36,00±0,35	5,00±0,15		8,00±0,20		2,50±0,15
	40	38	056.2510	38,00±0,35	5,00±0,15		5,50±0,20		2,50±0,15
	40		056.7040	38,50±0,35	6,75±0,15	42,00±0,35	6,00±0,20	2,00	2,50±0,15
40			056.0040	42,00±0,40	5,00±0,15		5,00±0,20		2,50±0,15
40			056.00401	42,00±0,40	5,00±0,15		8,00±0,20		2,50±0,15
	50	51	056.2520	51,00±0,40	5,00±0,15		5,50±0,20		2,50±0,15
	50		056.7050	50,50±0,40	6,75±0,15	54,00±0,40	6,00±0,20	2,00	2,50±0,15
50			056.0050	54,00±0,40	5,00±0,15		5,00±0,20		2,50±0,15
50			056.00501	54,00±0,40	5,00±0,15		8,00±0,20		2,50±0,15
60			056.0060	62,00±0,40	5,00±0,15		5,00±0,20		2,50±0,15
	65	63	056.2530	63,00±0,40	5,25±0,15		5,50±0,20		2,50±0,15
	65		056.7065	66,50±0,40	7,25±0,15	71,00±0,40	6,00±0,20	2,00	2,50±0,15
65			056.0065	71,00±0,50	5,00±0,15		5,00±0,20		2,50±0,15
65			056.00651	71,00±0,50	5,00±0,15		6,50±0,20		2,50±0,15
65			056.00652	71,00±0,50	5,00±0,15		8,00±0,20		2,50±0,15
	75	76	056.2540	76,00±0,50	5,00±0,15		5,50±0,20		2,50±0,15
	75		056.0075	78,00±0,50	5,00±0,15		5,00±0,20		2,50±0,15
	80		056.7080	81,50±0,50	6,75±0,15	85,00±0,50	6,00±0,20	2,00	2,50±0,15
80			056.0080	85,00±0,50	5,00±0,15		5,00±0,20		2,50±0,15
80			056.00801	85,00±0,50	5,00±0,15		6,50±0,20		2,50±0,15
80			056.00802	85,00±0,50	5,00±0,15		8,00±0,20		2,50±0,15
90			056.0090	94,00±0,50	5,00±0,15		5,00±0,20		2,50±0,15
	100		056.7100	100,50±0,70	6,75±0,15	104,00±0,70	6,00±0,20	2,00	2,50±0,15
100			056.0100	104,00±0,70	5,00±0,15		6,00±0,20		2,50±0,15
100			056.01001	104,00±0,70	5,00±0,15		8,00±0,20		2,50±0,15
	125	104	056.2550	104,00±0,70	6,00±0,15		6,00±0,20		3,00±0,15
	125		056.7125	125,00±0,70	8,50±0,15	130,00±0,70	7,00±0,20	2,00	3,00±0,15
125			056.0125	130,00±0,70	6,00±0,15		7,00±0,20		3,00±0,15
	150		056.7150	150,00±0,70	8,50±0,15	155,00±0,70	7,00±0,20	2,00	3,00±0,15
150			056.0150	155,00±0,70	6,00±0,15		7,00±0,20		3,00±0,15

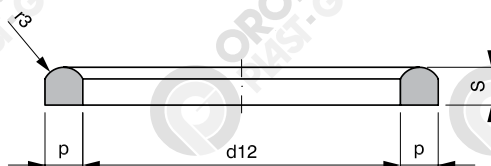


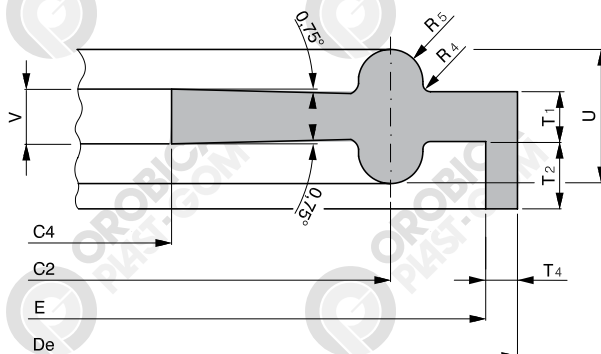
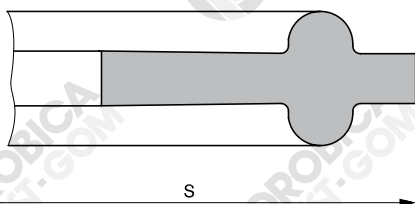
Figure (1.0)



Figure (1.1)

Gaskets for CLAMP: ISO 2852:1993 (E) Tab. 3

DN		Article Code Orobica P.G.	C2		C4		E		S		De	
Inch	mm		Inch +0/-0,02	mm +0/-0,5	Inch +0,02/-0	mm +0,5/-0	Inch +0/-0,02	mm +0/-0,5	Inch ±0,02	mm ±0,5	Inch ±0,02	mm ±0,5
1/4"	12,00	056.1500	1,083	27,50	0,402	10,20			1,339	34,00		
1/2"	12,70	056.1503	1,083	27,50	0,429	10,90			1,339	34,00		
3/4"	17,20	056.1506	1,083	27,50	0,606	15,40			1,339	34,00		
3/8"	21,30	056.1510	1,083	27,50	0,768	19,50			1,339	34,00		
1"	25,00	056.8200	1,713	43,50	0,898	22,80	1,988	50,50			2,075	52,70
		056.1520	1,713	43,50	0,898	22,80			1,988	50,50		
1" 1/8	33,70	056.8212	1,713	43,50	1,240	31,50	1,988	50,50			2,075	52,70
		056.1521	1,713	43,50	1,240	31,50			1,988	50,50		
1" 1/2	38,10	056.8210	1,713	43,50	1,409	35,80	1,988	50,50			2,075	52,70
		056.1530	1,713	43,50	1,409	35,80			1,988	50,50		
1" 3/4	40,00	056.8215	2,224	56,50	1,488	37,80	2,520	64,00			2,606	66,20
		056.1522	2,224	56,50	1,488	37,80			2,520	64,00		
2"	51,00	056.8220	2,224	56,50	1,921	48,80	2,520	64,00			2,606	66,20
		056.1540	2,224	56,50	1,921	48,80			2,520	64,00		
2" 1/2	63,50	056.8230	2,776	70,50	2,382	60,50	3,051	77,50			3,138	79,70
		056.1550	2,776	70,50	2,382	60,50			3,051	77,50		
2" 3/4	70,00	056.8235	3,287	83,50	2,638	67,00	3,583	91,00			3,669	93,20
		056.1555	3,287	83,50	2,638	67,00			3,583	91,00		
3"	76,10	056.8240	3,287	83,50	2,878	73,10	3,583	91,00			3,669	93,20
		056.1560	3,287	83,50	2,878	73,10			3,583	91,00		
3" 1/2	88,90	056.8245	3,819	97,00	3,350	85,10	4,173	106,00			4,260	108,20
		056.1565	3,819	97,00	3,350	85,10			4,173	106,00		
4"	101,60	056.8250	4,331	110,00	3,850	97,80	4,685	119,00			4,772	121,20
		056.1570	4,331	110,00	3,850	97,80			4,685	119,00		
4" 1/2	114,30	056.8252	3,803	122,00	4,350	110,50	5,118	130,00			5,205	132,20
		056.1575	3,803	122,00	4,350	110,50			5,118	130,00		
5" 1/2	139,70	056.8255	5,748	146,00	5,350	135,90	6,102	155,00			6,189	157,20
		056.1580	5,748	146,00	5,350	135,90			6,102	155,00		
6"	168,30	056.8260	6,850	174,00	6,429	163,30	7,205	183,00			7,291	185,20
		056.1585	6,850	174,00	6,429	163,30			7,205	183,00		
8"	219,10	056.8265	8,858	225,00	8,429	214,10	9,193	233,50			9,280	235,70
		056.1588	8,858	225,00	8,429	214,10			9,193	233,50		



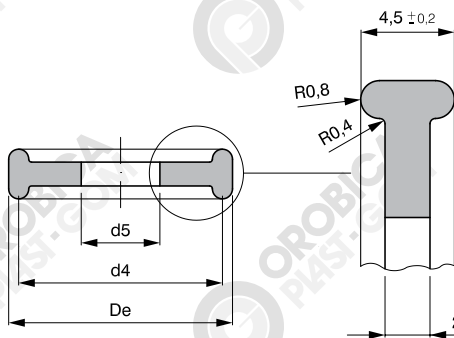
$T_4 = 1,1 \pm 0,2$
 $U = 5,5 \pm 0,2$
 $T_1 = 1,7^{+0,25}_0$
 $R_4 = 0,4$
 $R_5 = 1,2$
 $V = 2,1^{+0,25}_0$
 $T_2 = 2,8 \pm 0,3$

Gaskets for CLAMP: E DIN 32676:2009-05 Tab.2-3-4 Type "A-B-C"

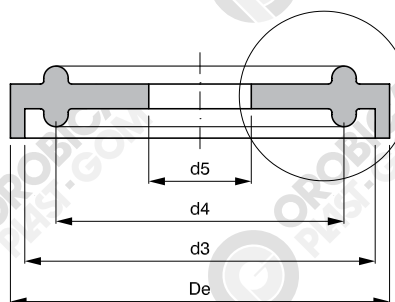
E DIN 32676:2009-05				Article Code Orobica P.G.	d3	d4	d5	De
"A"	"B"	"C"						
DN	DN/OD	DN/OD						
		Inch	mm					
		1/4"	6,35	056.1600		20,20 +0/-0,13	≥4,80	21,80 +0,2/-0
6				056.1006		20,20 +0/-0,13	≥6,20	21,80 +0,2/-0
	10,2			056.1700		20,20 +0/-0,13	≥7,20	21,80 +0,2/-0
		3/8"	9,53	056.1610		20,20 +0/-0,13	≥8,00	21,80 +0,2/-0
8				056.1008		20,20 +0/-0,13	≥8,20	21,80 +0,2/-0
		1/2"	12,70	056.1612		20,20 +0/-0,13	≥9,60	21,80 +0,2/-0
	13,5			056.1705		20,20 +0/-0,13	≥10,50	21,80 +0,2/-0
	17,2			056.1706		20,20 +0/-0,13	≥14,20	21,80 +0,2/-0
		3/4"	19,05	056.1615		20,20 +0/-0,13	≥16,00	21,80 +0,2/-0
10				056.1010	34,00 +0/-0,16	27,50 +0/-0,13	≥10,20	
				056.8010	34,00 +0/-0,16	27,50 +0/-0,13	≥10,20	36,20 +0/-0,16
15				056.1015	34,00 +0/-0,16	27,50 +0/-0,13	≥16,20	
				056.8015	34,00 +0/-0,16	27,50 +0/-0,13	≥16,20	36,20 +0/-0,16
20				056.1020	34,00 +0/-0,16	27,50 +0/-0,13	≥20,20	
				056.8020	34,00 +0/-0,16	27,50 +0/-0,13	≥20,20	36,20 +0/-0,16
	21,3			056.1710	50,50 +0/-0,19	43,50 +0/-0,16	≥18,30	
				056.1711	50,50 +0/-0,19	43,50 +0/-0,16	≥18,30	52,70 +0/-0,19
		1"	25,40	056.1617	50,50 +0/-0,19	43,50 +0/-0,16	≥22,30	
				056.1618	50,50 +0/-0,19	43,50 +0/-0,16	≥22,30	52,70 +0/-0,19
	26,9			056.1715	50,50 +0/-0,19	43,50 +0/-0,16	≥23,90	
				056.1716	50,50 +0/-0,19	43,50 +0/-0,16	≥23,90	52,70 +0/-0,19
25				056.1025	50,50 +0/-0,19	43,50 +0/-0,16	≥26,20	
				056.8025	50,50 +0/-0,19	43,50 +0/-0,16	≥26,20	52,70 +0/-0,19
	33,7			056.1720	50,50 +0/-0,19	43,50 +0/-0,16	≥29,90	
				056.1721	50,50 +0/-0,19	43,50 +0/-0,16	≥29,90	52,70 +0/-0,19
32				056.1032	50,50 +0/-0,19	43,50 +0/-0,16	≥32,20	
				056.8032	50,50 +0/-0,19	43,50 +0/-0,16	≥32,20	52,70 +0/-0,19
		1"1/2	38,10	056.1623	50,50 +0/-0,19	43,50 +0/-0,16	≥35,00	
				056.1624	50,50 +0/-0,19	43,50 +0/-0,16	≥35,00	52,70 +0/-0,19
40				056.1040	50,50 +0/-0,19	43,50 +0/-0,16	≥38,20	
				056.8040	50,50 +0/-0,19	43,50 +0/-0,16	≥38,20	52,70 +0/-0,19
	42,4			056.1725	64,00 +0/-0,19	56,50 +0/-0,19	≥38,60	
				056.1726	64,00 +0/-0,19	56,50 +0/-0,19	≥38,60	66,20 +0/-0,19
	48,3			056.1730	64,00 +0/-0,19	56,50 +0/-0,19	≥44,50	
				056.1731	64,00 +0/-0,19	56,50 +0/-0,19	≥44,50	66,20 +0/-0,19
		2"	50,80	056.1626	64,00 +0/-0,19	56,50 +0/-0,19	≥47,70	
				056.1627	64,00 +0/-0,19	56,50 +0/-0,19	≥47,70	66,20 +0/-0,19
50				056.1050	64,00 +0/-0,19	56,50 +0/-0,19	≥50,20	
				056.8050	64,00 +0/-0,19	56,50 +0/-0,19	≥50,20	66,20 +0/-0,19
	60,3			056.1735	77,50 +0/-0,19	70,50 +0/-0,19	≥56,50	
				056.1736	77,50 +0/-0,19	70,50 +0/-0,19	≥56,50	79,70 +0/-0,19
		2"1/2	63,50	056.1628	77,50 +0/-0,19	70,50 +0/-0,19	≥60,40	
				056.1629	77,50 +0/-0,19	70,50 +0/-0,19	≥60,40	79,70 +0/-0,19

Gaskets for CLAMP: E DIN 32676:2009-05 Tab.2-3-4 Type "A-B-C"

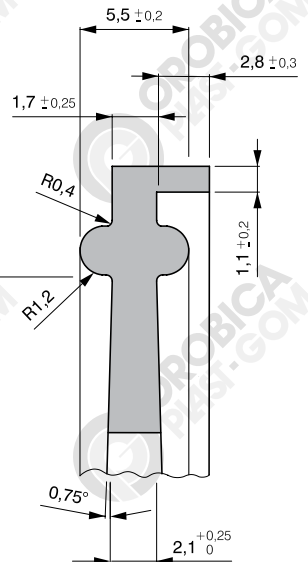
E DIN 32676:2009-05				Article Code Orobica P.G.	d3	d4	d5	De
“A”	“B”	“C”						
DN	DN/OD	DN/OD						
		Inch	mm					
65	76,1			056.1065	91,00 +0/-0,22	83,50 +0/-0,22	≥66,20	
				056.8065	91,00 +0/-0,22	83,50 +0/-0,22	≥66,20	93,20 +0/-0,22
056.1740				91,00 +0/-0,22	83,50 +0/-0,22	≥72,30		
056.1741				91,00 +0/-0,22	83,50 +0/-0,22	≥72,30	93,20 +0/-0,22	
		3”	76,20	056.1633	91,00 +0/-0,22	83,50 +0/-0,22	≥73,10	
				056.1634	91,00 +0/-0,22	83,50 +0/-0,22	≥73,10	93,20 +0/-0,22
056.1080				106,00 +0/-0,22	97,00 +0/-0,22	≥81,20		
056.8080				106,00 +0/-0,22	97,00 +0/-0,22	≥81,20	108,20 +0/-0,22	
80	88,9			056.1745	106,00 +0/-0,22	97,00 +0/-0,22	≥84,50	
				056.1746	106,00 +0/-0,22	97,00 +0/-0,22	≥84,50	108,20 +0/-0,22
056.1635				119,00 +0/-0,22	110,00 +0/-0,22	≥97,60		
056.1636				119,00 +0/-0,22	110,00 +0/-0,22	≥97,60	121,20 +0/-0,22	
		4”	101,60	056.1100	119,00 +0/-0,22	110,00 +0/-0,22	≥100,20	
				056.8100	119,00 +0/-0,22	110,00 +0/-0,22	≥100,20	121,20 +0/-0,22
056.1750				130,00 +0/-0,25	122,00 +0/-0,25	≥109,90		
056.1751				130,00 +0/-0,25	122,00 +0/-0,25	≥109,90	132,20 +0/-0,25	
100	114,3			056.1125	155,00 +0/-0,25	146,00 +0/-0,25	≥125,20	
				056.8125	155,00 +0/-0,25	146,00 +0/-0,25	≥125,20	157,20 +0/-0,25
056.1755				155,00 +0/-0,25	146,00 +0/-0,25	≥134,70		
056.1756				155,00 +0/-0,25	146,00 +0/-0,25	≥134,70	157,20 +0/-0,25	
	125			056.1638	167,00 +0/-0,29	156,50 +0/-0,25	≥147,10	
				056.1639	167,00 +0/-0,29	156,50 +0/-0,25	≥147,10	169,20 +0/-0,29
056.1150				183,00 +0/-0,29	174,00 +0/-0,25	≥150,20		
056.8150				183,00 +0/-0,29	174,00 +0/-0,25	≥150,20	185,20 +0/-0,29	
150	168,3			056.1760	183,00 +0/-0,29	174,00 +0/-0,25	≥163,30	
				056.1761	183,00 +0/-0,29	174,00 +0/-0,25	≥163,30	185,20 +0/-0,29
056.1200				233,50 +0/-0,29	225,00 +0/-0,29	≥200,20		
056.8155				233,50 +0/-0,29	225,00 +0/-0,29	≥200,20	235,70 +0/-0,29	
200	219,1			056.1765	233,50 +0/-0,29	225,00 +0/-0,29	≥214,10	
				056.1766	233,50 +0/-0,29	225,00 +0/-0,29	≥214,10	235,70 +0/-0,29



Type A=DN 6 - DN 8
Type B=DN/OD 10,2 - DN/OD 17,2
Type C=DN/OD 1/4" - DN/OD 3/4"



Type A=DN 10 - DN 200
Type B=DN/OD 21,3 - DN/OD 219,1
Type C=DN/OD 1" - DN/OD 6"



Specole Gaskets: “E DIN” and “SMS”

DN			Article Code Orobica P.G.	D +0/-0,2	d +0,2/-0	d1 +0,2/-0	S1	S2	S +0,2/-0
E DIN	SMS								
(1.3)	(1.2)	(1.3)							
		25	056.2200	32,0	22,5	25,0	2,0	3,5	5,5
	25		056.2025	32,0	25,0				5,5
25			056.4025	37,0	28,0	32,0	4,0	2,0	6,0
	32		056.2032	40,0	32,0				5,5
32			056.4032	45,0	36,0	40,0	4,0	2,0	6,0
		38	056.2210	48,0	35,5	38,0	2,0	3,5	5,5
	40		056.2040	48,0	38,0				5,5
40			056.4040	57,0	45,0	50,0	4,0	2,0	6,0
		51	056.2220	61,0	48,5	51,0	2,0	3,5	5,5
	50		056.2050	61,0	51,0				5,5
50			056.4050	68,0	56,0	60,0	4,0	2,0	6,0
		63	056.2230	73,5	60,5	63,5	2,0	3,5	5,5
	65		056.2065	73,5	63,5				5,5
65			056.4065	81,0	67,0	75,0	4,0	2,0	6,0
		76	056.2240	86,0	72,9	76,0	2,0	3,5	5,5
	80		056.2080	86,0	76,0				5,5
80			056.4080	96,0	83,0	90,0	4,0	2,0	6,0
	100		056.2100	113,5	101,6				5,5
100			056.4100	114,0	98,0	111,0	4,0	2,0	6,0
		104	056.2250	116,0	100,0	104,0	2,0	3,5	5,5
125			056.4125	148,0	126,0	140,0	4,0	2,0	6,0

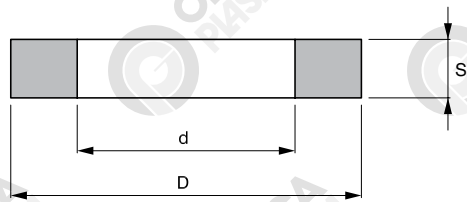


Figure (1.2)

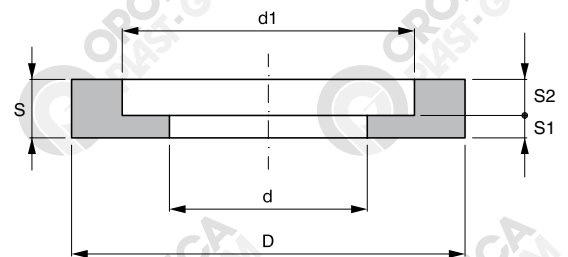
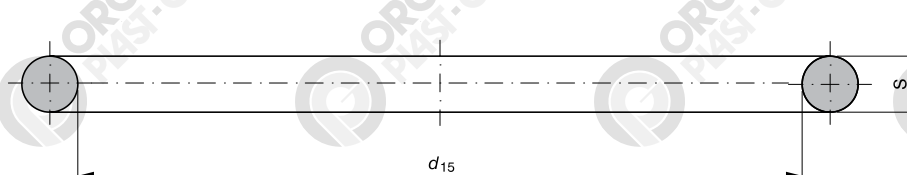


Figure (1.3)

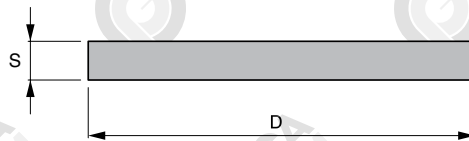
Joints Gaskets: DIN 11864-1-2-3:2016-10 Tab.7-8-9 Type: A-B-C and “BRITISH STANDARDS”

DIN 11864-1-2-3:2016-10				BRITISH STANDARDS		Article Code Orobica P.G.	d15		S	
“A”	“B”	“C”					Inch	mm	Inch	mm
DN	DN/OD	DN/OD		DN						
		Inch	mm	Inch	mm					
10	13,5	1/2”	12,70			056.3200		12,00 ±0,19		3,50 ±0,10
	17,2							16,00 ±0,20		3,50 ±0,10
15		3/4”	19,05			056.3201		18,00 ±0,21		3,50 ±0,10
	21,3							20,00 ±0,22		3,50 ±0,10
20						056.3202		22,00 ±0,24		3,50 ±0,10
		1”	25,40			056.32021		24,00 ±0,25		3,50 ±0,10
	26,9							26,00 ±0,26		3,50 ±0,10
				1”	25,40	056.3010	1,070 ±0,010	27,10 ±0,25	0,248 ±0,006	6,30 ±0,15
25						056.3203		28,00 ±0,28		3,50 ±0,10
	33,7							32,00 ±0,32		5,00 ±0,13
32						056.3204		34,00 ±0,33		5,00 ±0,13
		1” 1/2	38,10			056.32041		37,00 ±0,36		5,00 ±0,13
				1” 1/2	38,10	056.3020	1,562 ±0,015	39,70 ±0,37	0,248 ±0,006	6,30 ±0,15
40						056.3205		40,00 ±0,38		5,00 ±0,13
	42,4							40,50 ±0,39		5,00 ±0,13
	48,3							46,50 ±0,44		5,00 ±0,13
		2”	50,80			056.32051		50,00 ±0,46		5,00 ±0,13
50						056.3206		52,00 ±0,48		5,00 ±0,13
				2”	50,80	056.3030	2,062 ±0,019	52,40 ±0,48	0,248 ±0,006	6,30 ±0,15
	60,3							58,50 ±0,54		5,00 ±0,13
		2” 1/2	63,50			056.32061		62,00 ±0,56		5,00 ±0,13
				2” 1/2	63,50	056.3040	2,562 ±0,022	65,10 ±0,56	0,248 ±0,006	6,30 ±0,15
65						056.3207		68,00 ±0,61		5,00 ±0,13
	76,1							73,50 ±0,66		5,00 ±0,13
		3”	76,20			056.32071		75,00 ±0,66		5,00 ±0,13
				3”	76,20	056.3050	3,066 ±0,026	77,90 ±0,66	0,248 ±0,006	6,30 ±0,15
80						056.3208		83,00 ±0,73		5,00 ±0,13
	88,9							86,50 ±0,75		5,00 ±0,13
				3” 1/2	88,90	056.3060	3,625 ±0,029	92,10 ±0,75	0,248 ±0,006	6,30 ±0,15
		4”	101,60			056.32081		100,00 ±0,84		5,00 ±0,13
100						056.3209		102,00 ±0,87		5,00 ±0,13
				4”	101,60	056.3070	4,062 ±0,033	103,10 ±0,84	0,248 ±0,006	6,30 ±0,15
				4” 1/2	114,30	056.3080	4,562 ±0,035	116,00 ±0,88	0,248 ±0,006	6,30 ±0,15
125						056.3210		127,00 ±1,00		5,00 ±0,13
150						056.3211		152,00 ±0,13		5,00 ±0,13



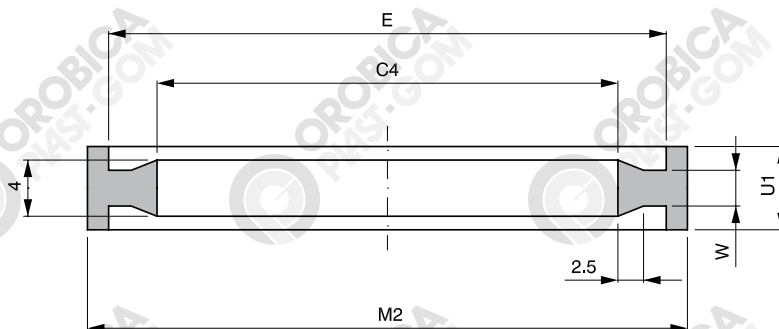
Swivel Joints “E DIN” and “SMS”

DN		Article Code Orobica P.G.	D +0/-0,2	S +0,2/-0
E DIN	SMS			
10		056.5010	28,0	3,0
15		056.5015	34,0	
20	25	056.5225	40,0	
25		056.5020	44,0	
32		056.5025	52,0	
40	38	056.5032	58,0	
50		056.5240	60,0	
60	51	056.5040	65,0	
65		056.5250	70,0	
80	63	056.5050	78,0	
90		056.5265	83,0	
100		056.5060	85,0	
125		056.5065	95,0	
150	76	056.5280	98,0	
		056.5080	110,0	
		056.5090	120,0	
		056.5100	130,0	
		056.5125	160,0	
		056.5150	190,0	



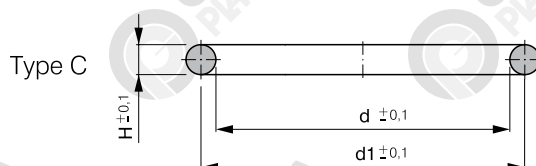
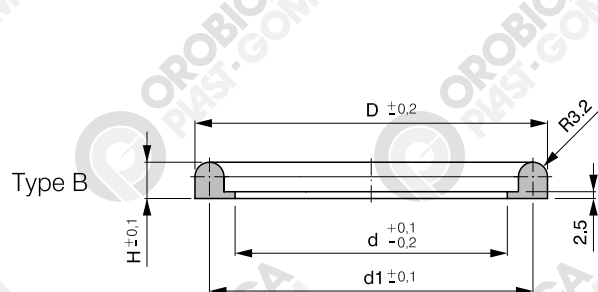
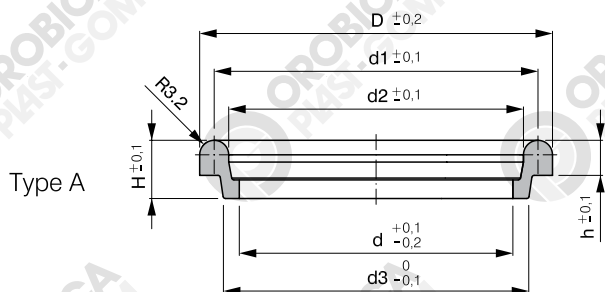
Joints Gaskets: BS 4825-4:1991+A1:2009 Table 7 (IDF Type)

DN		Article Code Orobica P.G.	Dimensions				
Inch	mm		M2 ±0,25	E +0/-0,5	C4 +0,5/-0	U1 ±0,1	W +0,1/-0
1"	25,40	056.5500	32,5	29,2	23,2	7,0	3,0
1" 1/4	31,80	056.5510	39,0	35,8	29,5	7,0	3,0
1" 1/2	38,10	056.5520	46,0	42,7	35,9	7,0	3,0
2"	50,80	056.5530	59,5	56,2	48,6	7,0	3,0
2" 1/2	63,50	056.5540	73,2	69,9	61,3	7,0	3,0
3"	76,20	056.5550	86,5	82,6	74,0	7,0	3,0
3" 1/2	88,90	056.5560	99,5	95,3	86,0	7,0	3,0
4"	101,6	056.5570	119,0	111,0	98,6	9,6	5,0

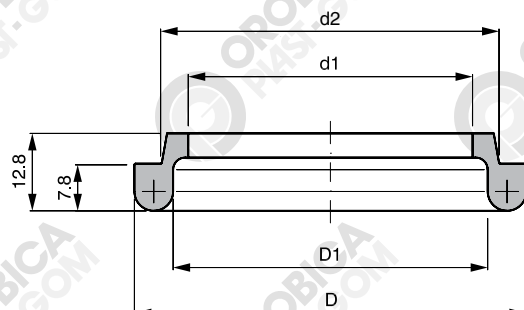


Joints Gaskets: RJT

DN		Type	Article Code Orobica P.G.	D	d	d1	d2	d3	H	h
Inch	mm									
1"	25,40	A	056.8510	39,67	22,2	33,27	26,87	29,46	12,84	7,74
		B	056.8610	39,67	22,2	33,27			6,6	
		C	056.8710		26,67	33,27			6,6	
1" 1/2	38,10	A	056.8520	52,37	34,9	45,97	39,57	41,9	12,84	7,74
		B	056.8620	52,37	34,9	45,97			6,6	
		C	056.8720		39,37	45,97			6,6	
2"	50,80	A	056.8530	65,07	47,6	58,67	52,27	54,6	12,84	7,74
		B	056.8630	65,07	47,6	58,67			6,6	
		C	056.8730		52,07	58,67			6,6	
2" 1/2	63,50	A	056.8540	77,77	60,3	71,37	64,97	67,3	12,84	7,74
		B	056.8640	77,77	60,3	71,37			6,6	
		C	056.8740		64,77	71,37			6,6	
3"	76,20	A	056.8550	90,47	73	84,07	77,67	80	12,84	7,74
		B	056.8650	90,47	73	84,07			6,6	
		C	056.8750		77,47	84,07			6,6	
4"	101,60	A	056.8560	115,87	98,4	109,47	103,07	105,4	12,84	7,74
		B	056.8660	115,87	98,4	109,47			6,6	
		C	056.8760		102,47	109,47			6,6	
5"	127,00	A	056.8570	141,27	123	134,87	128,47	130,80	12,84	7,74
		B	056.8670	141,27	123	134,87			6,6	
		C	056.8770		128,27	134,87			6,6	
6"	152,40	A	056.8580	166,67	148,4	160,27	153,87	156,2	12,84	7,74
		B	056.8680	166,67	148,4	160,27			6,6	
		C	056.8780		153,67	160,27			6,6	
8"	203,20	A	056.8590	217,47	199,2	211,07	204,67	207	12,84	7,74
		B	056.8690	217,47	199,2	211,07			6,6	
		C	056.8790		204,47	211,07			6,6	
10"	254,00	A	056.8600	298,27	250	261,87	255,47	257,80	12,84	7,74
		B	056.8700	298,27	250	261,87			6,6	
		C	056.8800		255,27	261,87			6,6	

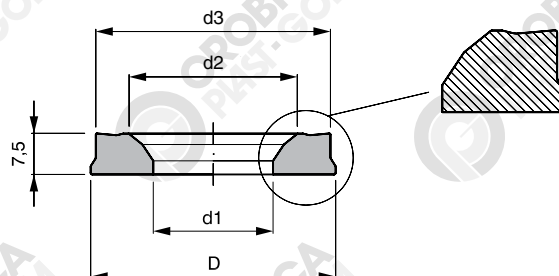


MATERIALE MATERIAL	NBR
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COD.	DN	D1	D	d1	d2
056.8530	2"	52	64,8	47	55,8
056.8550	3"	78	90,5	72,5	81,5

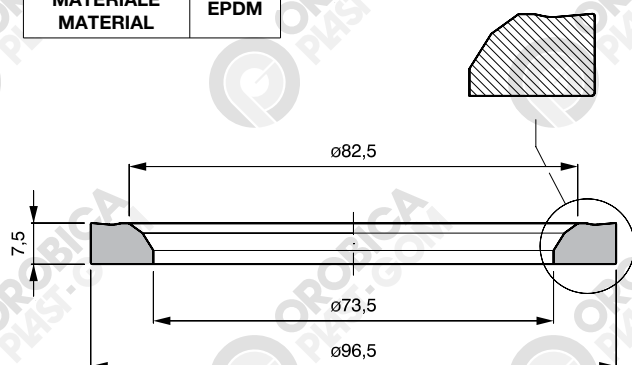
MATERIALE MATERIAL	EPDM
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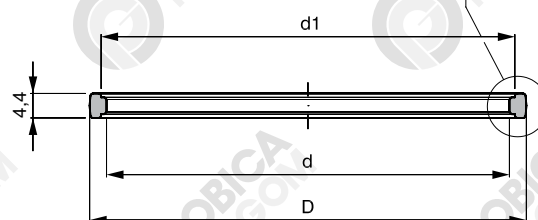
COD.	D	d1	d2	d3
056.90010	45	22	31	43,1
056.90020	58,5	35,5	44,5	56,6
056.90030	65,5	42,5	51,5	63,6
056.90040	69	46	55	67,1
056.90050	81	58	67	79,1
056.90055	88,5	65,5	74,5	86,6

056.90060

MATERIALE MATERIAL	EPDM
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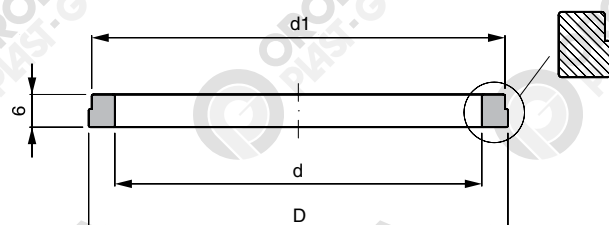


MATERIALE MATERIAL	EPDM	VMQ	FKM
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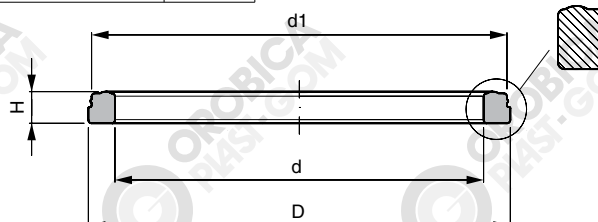
COD.	D	d	d1
056.90106	34,7	29,5	31,6
056.90102	44,8	38,5	40,5
056.90103	56,5	50,5	52,5
056.90107	60,5	55	56,5
056.90104	66,5	60,3	62,3
056.90101	72,7	66,7	68,7
056.90105	77	71	73
056.90100	80,2	74	76
056.90110	87,5	81,1	83,1
056.90117	93,6	87,3	88

MATERIALE MATERIAL	EPDM	VMQ	FKM
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COD.	D	d	d1
056.90114	31	21,4	30
056.90115	43,3	33,7	42,3
056.90113	54,7	45,1	53,6
056.90116	65,3	55,7	64,3
056.90112	71,4	61,8	70,3
056.90111	77	67,4	75,9
056.90118	84,5	75,80	83,5
056.90119	104,5	94,8	103,2

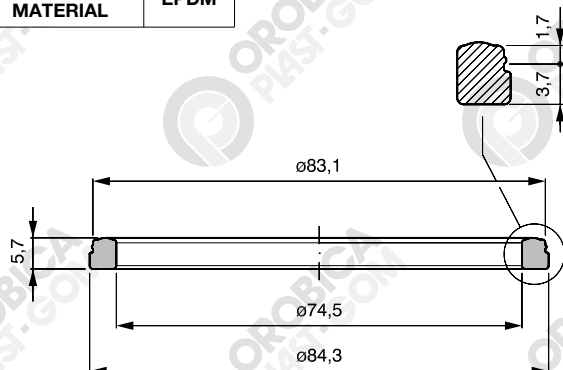
MATERIALE MATERIAL	EPDM
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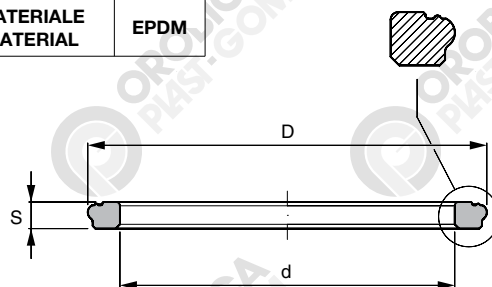
COD.	D	d	d1	H
056.90120	77,5	67,7	76,3	5,8
056.90121	62,4	53,15	60,9	6

056.90130

MATERIALE	EPDM
MATERIAL	



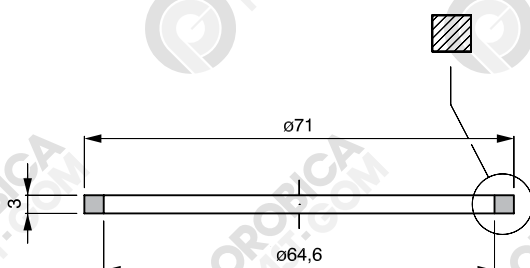
MATERIALE	EPDM
MATERIAL	



COD.	D	d	S
056.90172	45,7	34	4,8
056.90173	58,1	46,1	4,9
056.90140	73,3	61,5	4,9
056.90150	80,3	68,3	4,8

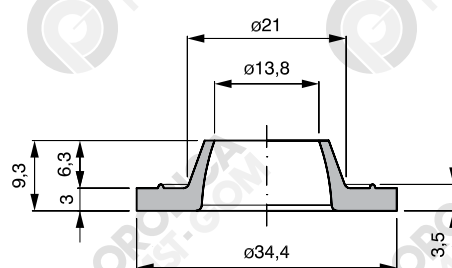
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MATERIALE	EPDM
MATERIAL	



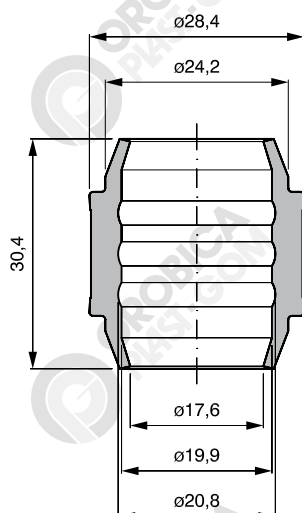
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MATERIALE	EPDM	FKM
MATERIAL		



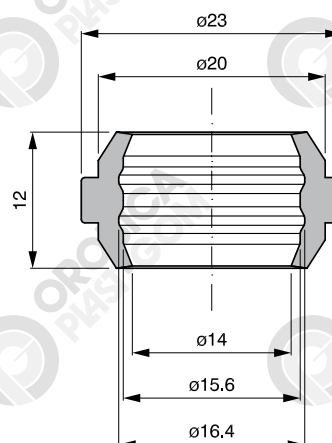
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MATERIALE	EPDM	VMQ
MATERIAL		



200.0206

MATERIALE	EPDM
MATERIAL	



ARTICOLI TECNICI

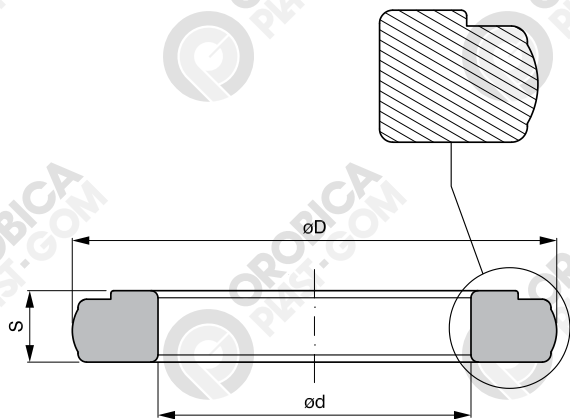
TECHNICAL ARTICLES

ARTICLES TECHNIQUES

TECHNISCHE ARTIKEL

ARTÍCULOS TÉCNICOS

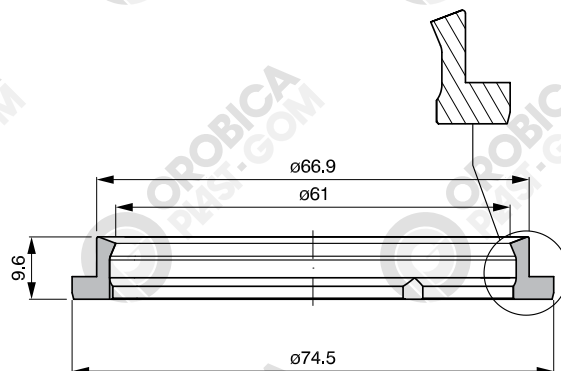
MATERIALE MATERIAL	EPDM
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COD.	D	d	S
056.90174	33,9	21,9	5
056.90175	45,8	34	4,9
056.90176	58	46,2	4,9
056.90177	73,3	61,7	4,9
056.90178	88,8	76,8	5
056.90179	79,5	67,7	4,9

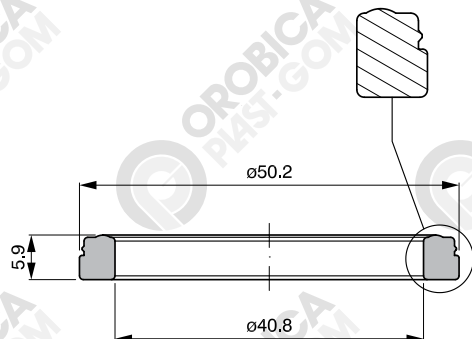
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MATERIALE MATERIAL	PTFE
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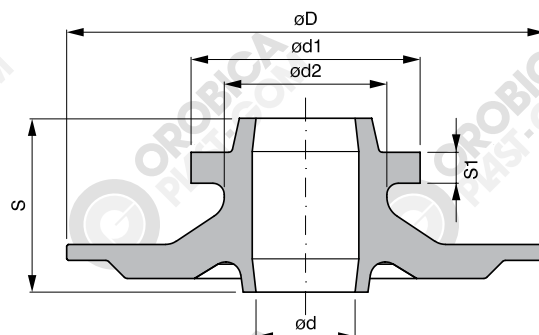


056.90171

MATERIALE MATERIAL	EPDM
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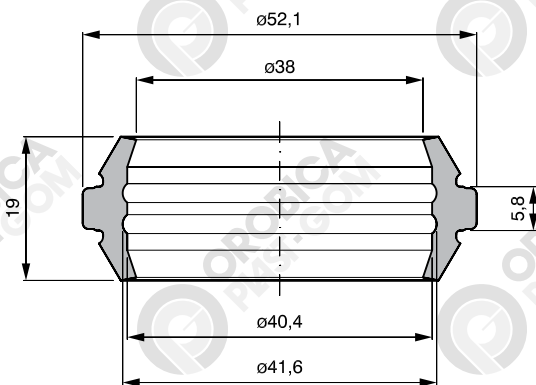
MATERIALE MATERIAL	EPDM
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COD.	D	D	d1	d2	S	S1
200.0208	63,2	13,1	30,3	21,5	23	4,1
200.0209	84,8	16,1	32,5	23,7	23	3,9
200.0210	102,2	16,1	33,1	23,7	23	4,4
200.0211	118,9	19,5	36,1	27,5	23	4
200.0212	156,2	19,5	36,3	27,7	24,3	3,9

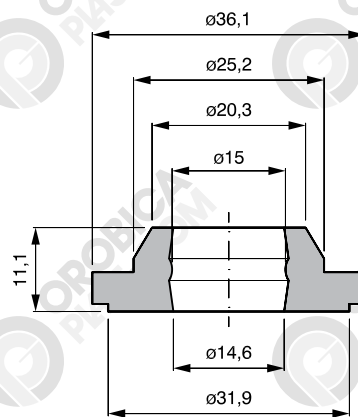
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MATERIALE MATERIAL	EPDM	VMQ
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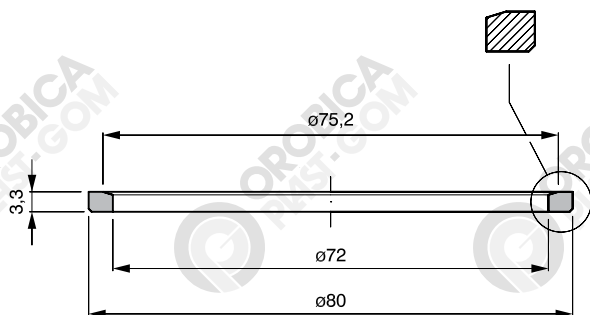
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MATERIALE MATERIAL	NBR
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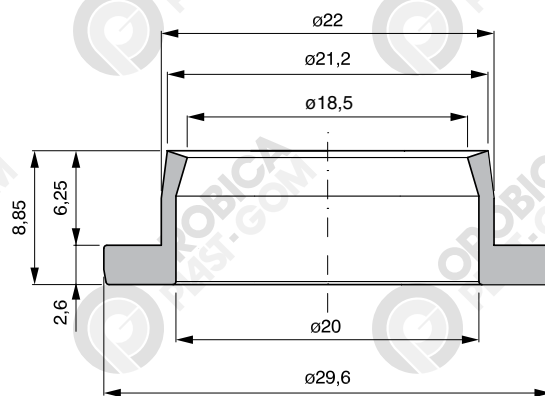
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MATERIALE MATERIAL	NBR
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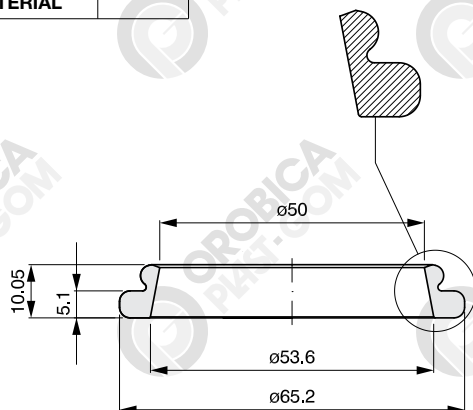
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MATERIALE MATERIAL	PTFE
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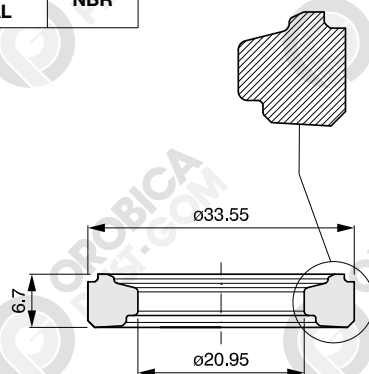
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MATERIALE MATERIAL	EPDM
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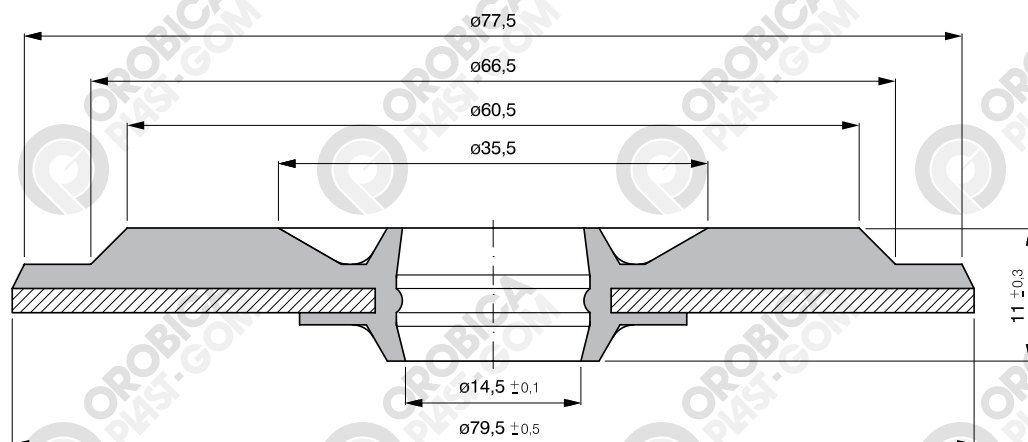


200.0289

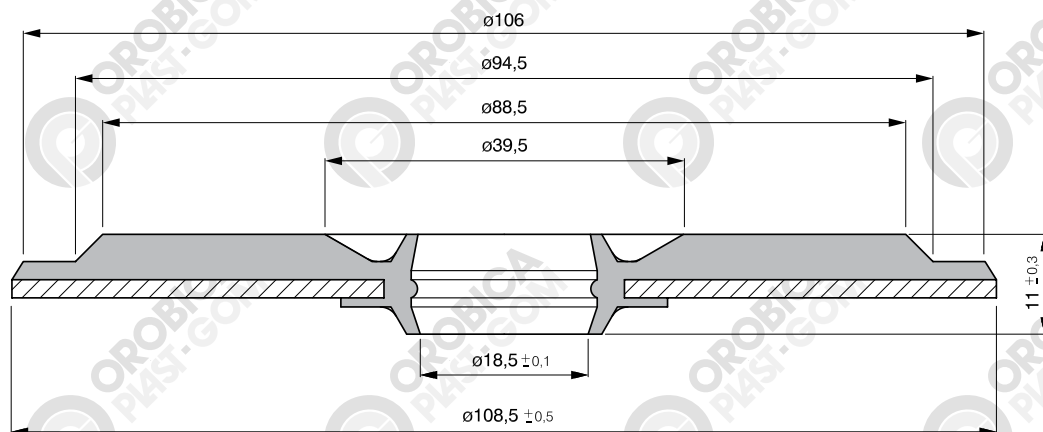
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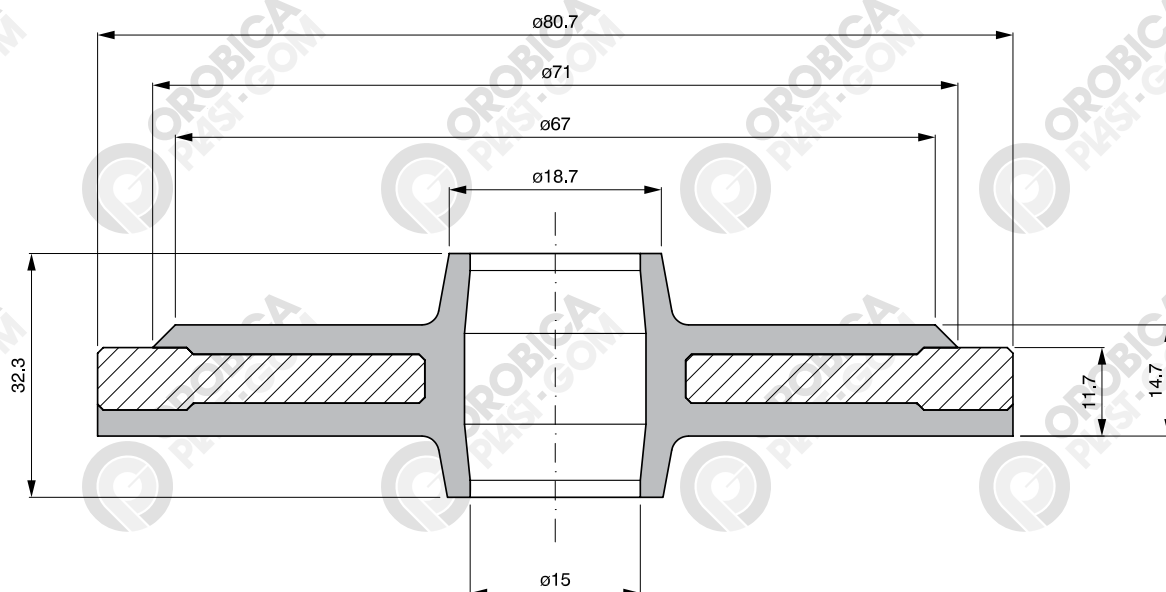
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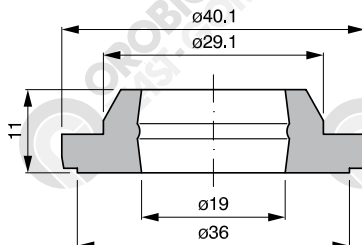


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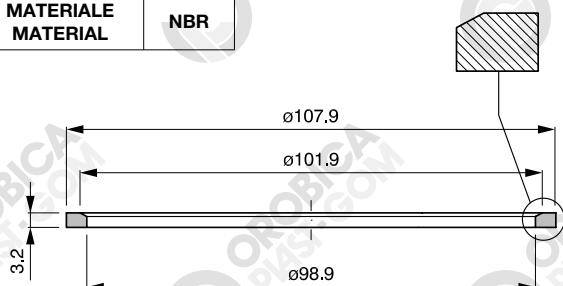
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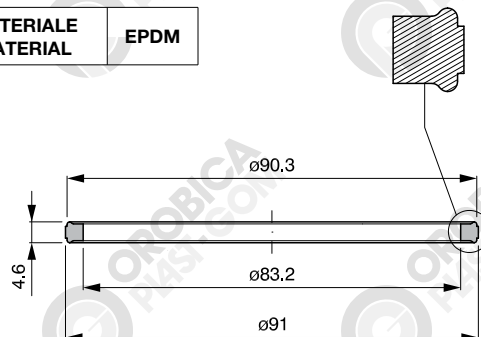
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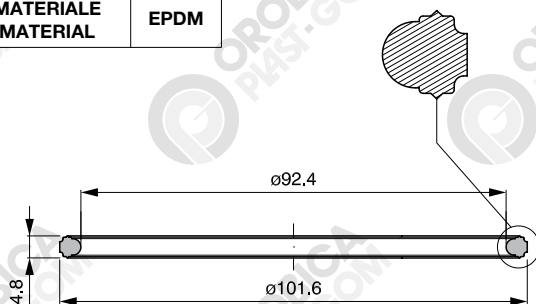
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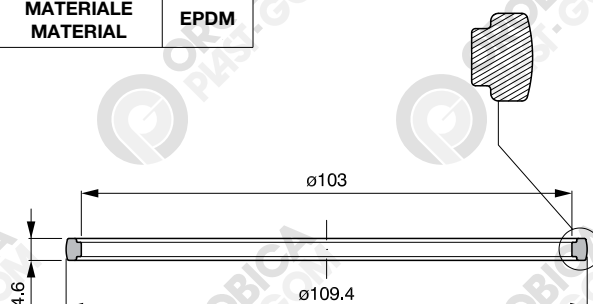
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MATERIALE	EPDM
MATERIAL	



200.0286

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