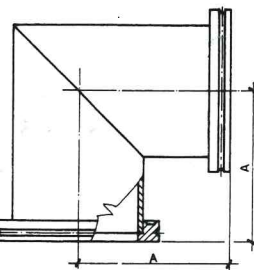
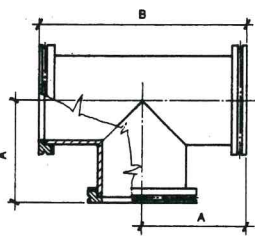
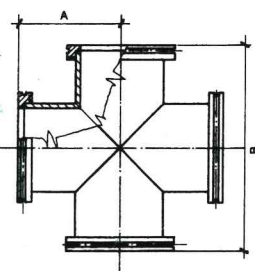
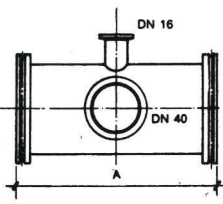


Unità di misura: mm Measuring unit: mm	Descrizione Description		A	B	C	D	N° Codice Code N°
	RACCORDO AD ANGOLO	DN 63	88				115-24120
		DN 80	108				115-24121
		DN 100	108				115-24122
	ELBOW	DN 125	130				115-24123
		DN 160	138				115-24124
		DN 200	200				115-24125
		DN 250	208				115-24126
Acciaio inox St. Steel							
	RACCORDO A T	DN 63	88	176			115-24128
		DN 80	108	216			115-24129
	TEE	DN 100	108	216			115-24130
		DN 125	130	260			115-24131
		DN 160	138	276			115-24132
		DN 200	200	400			115-24133
		DN 250	208	416			115-24134
Acciaio inox St. Steel							
	RACCORDO A CROCE	DN 63	88	176			115-24136
		DN 80	108	216			115-24137
		DN 100	108	216			115-24138
	CROSS	DN 125	130	260			115-24139
		DN 160	138	276			115-24140
		DN 200	200	400			115-24141
		DN 250	208	416			115-24142
Acciaio inox St. Steel							
	RACCORDO A CROCE DI RIDUZIONE ISO-KF	DN 63	176				115-24144
		DN 80	216				115-24145
		DN 100	216				115-24146
		DN 125	260				115-24147
	CROSS WITH ISO-KF REDUCING PIPES	DN 160	276				115-24148
		DN 200	400				115-24149
		DN 250	416				115-24150
Acciaio inox St. Steel							

La società si riserva il diritto di apportare modifiche senza preavviso.

We reserve the right to make changes without notice.



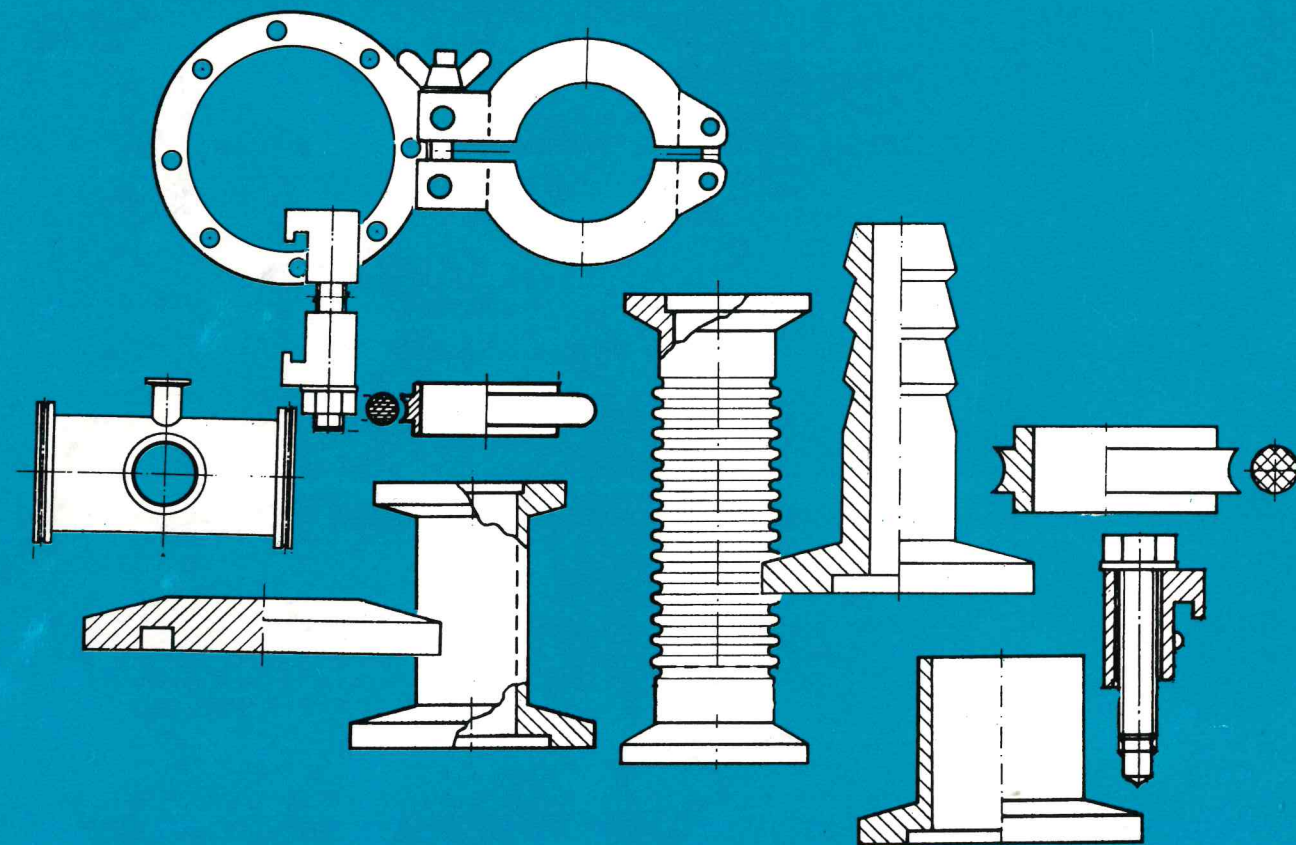
ing. brizio basi & c.

I-20128 Milano - Viale Monza, 198-200
Tel. 02/25.52.751 (5 linee r.a.) - Telefax 02/25.70.291
Telex 313841 BASIMI I

KF - ISO n° 136/92 - 2000

RACCORDI FITTINGS

STANDARD PNEUROP KF - ISO



ing. brizio basi & c.

Pompe per alto e medio vuoto
Strumenti di misura
Valvole ed accessori per vuoto
Impianti completi per:
liofilizzazione, impregnazione,
trattamento oli isolanti
Impianti speciali

Pumps for medium and high vacuum
Vacuum gauges
Vacuum valves and accessories
Complete plant for:
freeze-drying, impregnation,
treatment of insulating oil
Special plants

La nostra Società ha sviluppato il suo programma di raccordi standard KF-ISO adottando le normative di unificazione PNEUROP, per la realizzazione di installazioni per vuoto.

Tali raccordi permettono un montaggio facile e rapido di una svariata serie di combinazioni, assicurando una perfetta tenuta, senza l'ausilio di attrezzi.

Il montaggio tipico dei raccordi KF-ISO si realizza utilizzando i componenti illustrati in figura:

- 1) Piccola flangia
- 2) Anello di centraggio
- 3) Morsetto di serraggio

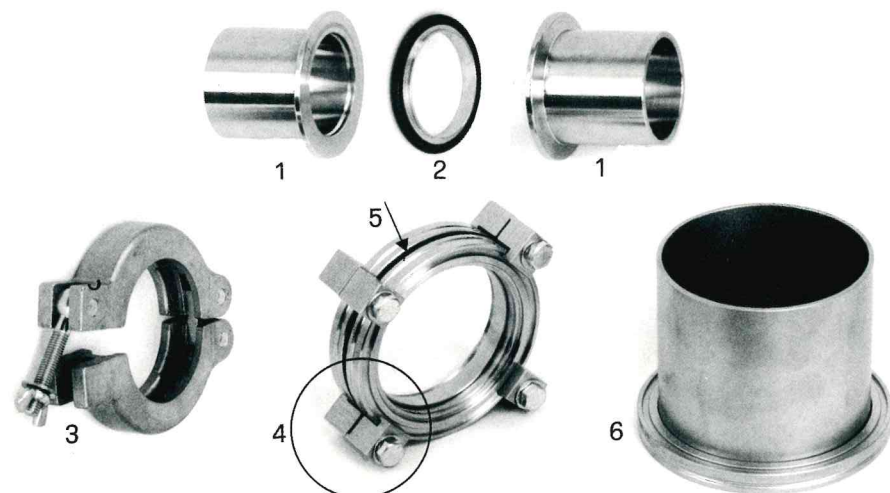
- 4) Griffa
- 5) Anello di centraggio
- 6) Flangia

Our Company has developed its own program of standard PNEUROP KF-ISO fittings for use in high vacuum installations.

Such fittings enable the quick and easy assembly of a wide variety of combinations and assure the perfect tightness without the use of tools.

The typical assembly of the KF-ISO fittings is achieved by using the components illustrated in the figure:

- 1) Small flange
- 2) Centering ring
- 3) Clamping ring
- 4) Claw clamp
- 5) Centering ring
- 6) Flange



Disponibilità a magazzino di flange Pneuop-KF con diametri nominali: DN 10-16-25-32-40-50 mm e flange Pneuop-ISO con diametri nominali: DN 63-80-100-125-160-200-250 mm.

Il materiale utilizzato, ad eccezione del morsetto in alluminio, è l'acciaio inox AISI a basso tenore di carbonio, che offre i seguenti vantaggi:

- alta resistenza alla corrosione
- ottima saldabilità
- eccellente finitura senza porosità e graffi
- sopportazione di elevate temperature
- notevole resistenza meccanica
- ridotto degasaggio delle pareti
- tasso di fuga inferiore a 10^{-9} mbar l/s

Gli anelli di tenuta sono disponibili in:

- BUNA idonei per impieghi fino a temperature di 80 °C
- VITON idonei per impieghi fino a temperature di 150 °C.

Tubazioni flessibili in gomma para oppure in PVC rinforzato internamente, completano il programma che la BRI-ZIO BASI mette a disposizione degli utilizzatori.

Pneuop-KF flanges with diameters DN 10-16-25-32-40-50 mm and Pneuop-ISO flanges with diameters DN 63-80-100-125-160-200-250 mm are usually available from stock.

With the exception of the clamping ring made of aluminium, the fittings are made of low carbon AISI stainless steel which gives these advantages:

- corrosion resistant
- easy welding
- excellent finishing, free of porosity and scratches
- stands high temperature
- good mechanical properties
- reduced surface outgassing
- leak rate less than 10^{-9} mbar l/s.

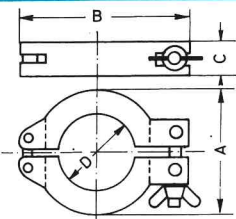
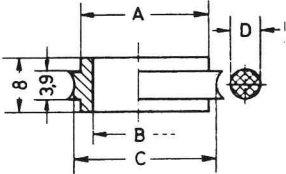
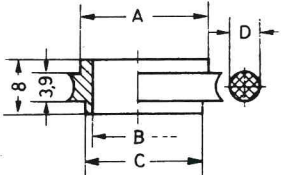
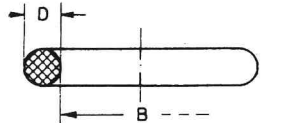
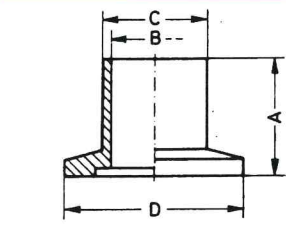
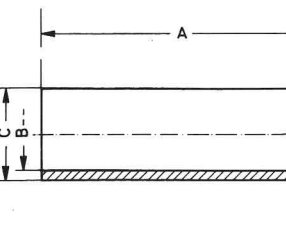
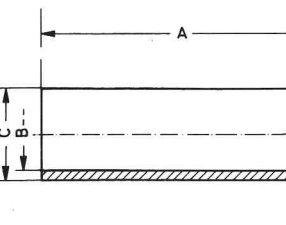
The "O" ring seals are available in:

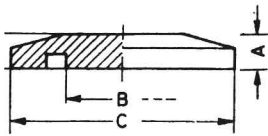
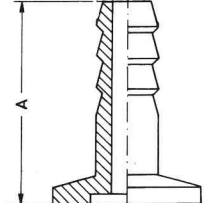
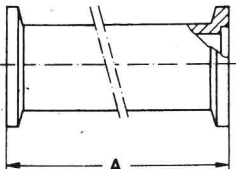
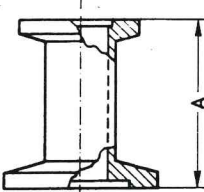
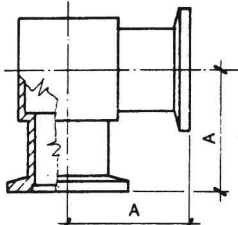
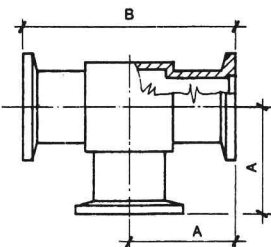
- BUNA suitable for use at temperature up to 80 °C
- VITON suitable for use at temperature up to 150 °C.

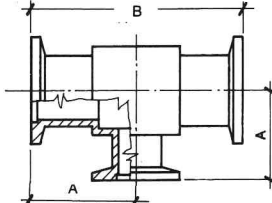
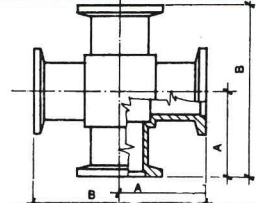
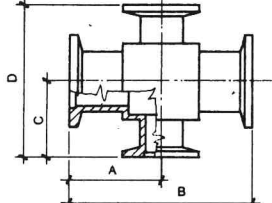
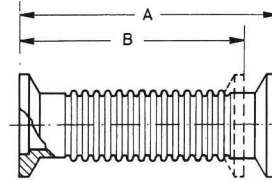
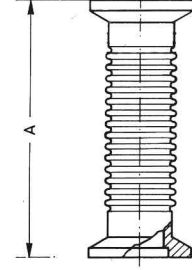
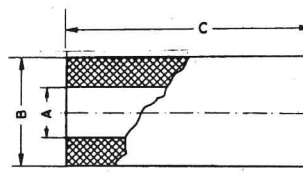
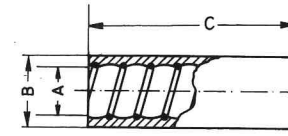
Para rubber or reinforced PVC flexible tubations are also available and complete the range of ancillaries that BRI-ZIO BASI can provide to the users.

FLANGE PNEUROP-KF

PNEUROP-KF FITTINGS

Unità di misura: mm Measuring unit: mm		Descrizione Description		A	B	C	D	N° Codice Code N°
	MORSETTO	DN 10-16		41	62	16	22	115-23639
	CLAMPING RING	DN 20-25		52	72	16	32	115-23640
		DN 32-40		68	90	18	47	115-23641
		DN 50		92	125	25	63	115-23642
	Alluminio Aluminium							
	ANELLO DI CENTRAGGIO	DN 10		12	10	15,3	5	115-23646
	CENTERING RING	DN 16		17	16	18,5	5	115-23647
		DN 20	O-Ring	22	20	25,5	5	115-23648
		DN 25	Viton	26	25	28,5	5	115-23649
		DN 32		34	32	41	5,33	115-23650
		DN 40		41	40	43	5,33	115-23651
		DN 50		52	50	55,5	5,33	115-23652
	Acciaio inox St. Steel	DN 10		12	10	15,3	5	115-23655
		DN 16		17	16	18,5	5	115-23656
		DN 20	O-Ring	22	20	25,5	5	115-23657
		DN 25	Buna	26	25	28,5	5	115-23658
		DN 32		34	32	41	5,33	115-23659
		DN 40		41	40	43	5,33	115-23660
		DN 50		52	50	55,5	5,33	115-23661
	ANELLO DI CENTRAGGIO A RIDUZIONE	DN 16/10	O-Ring	17	10	12	5	115-23664
		DN 25/20	Viton	26	20	22	5	115-23665
		DN 40/32		41	32	34	5,33	115-23666
	REDUCING CENTERING RING							
	Acciaio inox St. Steel	DN 16/10	O-Ring	17	10	12	5	115-23669
		DN 25/20	Buna	26	20	22	5	115-23670
		DN 40/32		41	32	34	5,33	115-23671
	ANELLO DI TENUTA	DN 10			15		5	240-23679
		DN 16			18		5	240-23680
		DN 20	Viton		25		5	240-23681
		DN 25			28		5	240-23682
		DN 32			42		5,33	240-23683
		DN 40			42		5,33	240-23684
		DN 50			55		5,33	240-23685
	O-RING	DN 10			15		5	240-23672
		DN 16			18		5	240-23673
		DN 20	Buna		25		5	240-23674
		DN 25			28		5	240-23675
	PICCOLA FLANGIA CORTA	DN 10		26	10	14	30	115-23686
		DN 16		26	16	20	30	115-23687
		DN 20		26	21	25	40	115-23688
	SMALL FLANGE SHORT	DN 25		26	24	28	40	115-23689
		DN 32		26	32	38	55	115-23690
		DN 40		26	41	45	55	115-23691
	Acciaio inox St. Steel	DN 50		26	50	57	75	115-23692
	PICCOLA FLANGIA LUNGA	DN 10		52	10	14	30	115-23695
		DN 16		52	16	20	30	115-23696
		DN 20		55	21	25	40	115-23697
	SMALL FLANGE LONG	DN 25		55	24	28	40	115-23698
		DN 32		58	32	38	55	115-23699
		DN 40		58	41	45	55	115-23700
	Acciaio inox St. Steel	DN 50		58	50	57	75	115-23701

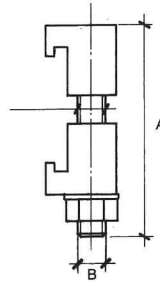
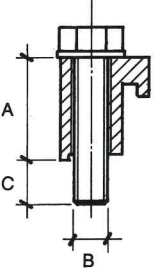
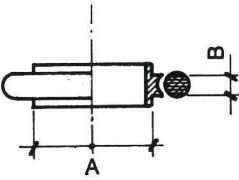
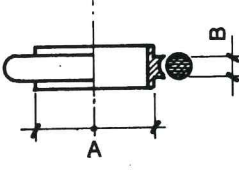
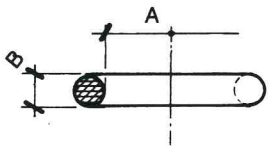
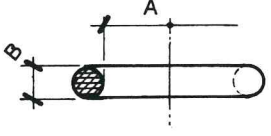
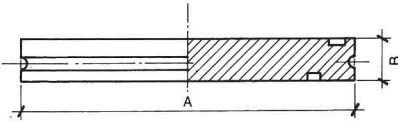
Unità di misura: mm Measuring unit: mm	Descrizione Description		A	B	C	D	N° Codice Code N°
	FLANGIA CIECA	DN 10	5	12	30		115-23704
		DN 16	5	17	30		115-23705
	BLANKING FLANGE	DN 20	5	22	40		115-23706
		DN 25	5	26	40		115-23707
		DN 32	5	34	55		115-23708
	Acciaio inox St. Steel	DN 40	5	41	55		115-23709
		DN 50	5	52	75		115-23710
	PORTAGOMMA	DN 10	40				115-23713
		DN 16	40				115-23714
	HOSE NOZZLE	DN 20	40				115-23715
		DN 25	40				115-23716
		DN 32	40				115-23717
	Acciaio inox St. Steel	DN 40	40				115-23718
		DN 50	40				115-23719
	RACCORDO DIRITTO	DN 10	60				115-23722
		DN 16	80				115-23723
	STRAIGHT	DN 20	100				115-23724
	CONNECTOR	DN 25	100				115-23725
		DN 32	130				115-23726
	Acciaio inox St. Steel	DN 40	130				115-23727
		DN 50	140				115-23728
	RIDUZIONE		28				115-23731
		DN 16/10	28				115-23732
	REDUCING PIPE	DN 20/10	28				115-23733
		DN 25/16	28				115-23734
		DN 32/10	28				115-23735
		DN 40/16	28				115-23736
		DN 32/20	28				115-23737
		DN 40/25	28				115-23738
		DN 50/10	28				115-23739
		DN 50/16	28				115-23740
		DN 50/20	28				115-23741
	Acciaio inox St. Steel	DN 50/25	28				115-23742
		DN 50/32	28				115-23743
	RACCORDO AD	DN 10/10	30				115-23746
	ANGOLO	DN 16/16	40				115-23747
		DN 20/20	50				115-23748
	ELBOW	DN 25/25	50				115-23749
		DN 32/32	65				115-23750
	Acciaio inox St. Steel	DN 40/40	65				115-23751
		DN 50/50	70				115-23752
	RACCORDO A T	DN 10/10/10	30	60			115-23755
		DN 16/16/16	40	80			115-23756
	TEE	DN 20/20/20	50	100			115-23757
		DN 25/25/25	50	100			115-23758
		DN 32/32/32	65	130			115-23759
	Acciaio inox	DN 40/40/40	65	130			115-23760
	St. Steel	DN 50/50/50	70	140			115-23761

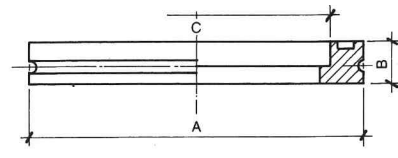
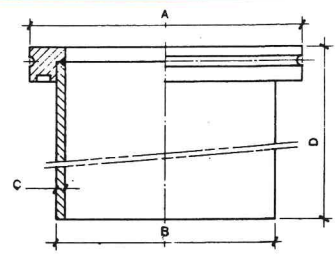
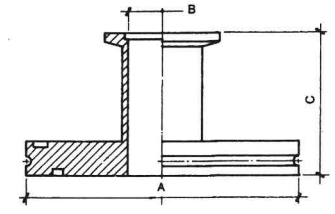
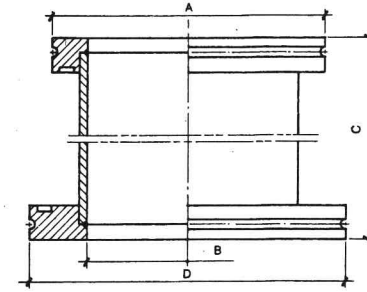
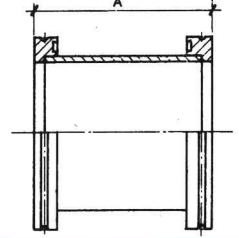
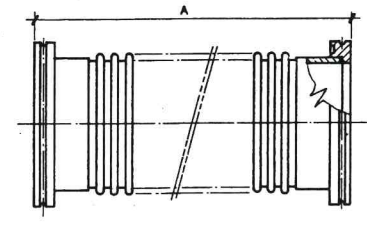
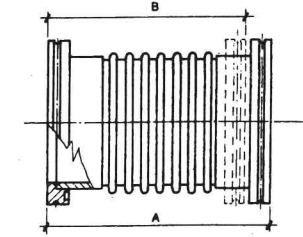
Unità di misura: mm Measuring unit: mm	Descrizione Description		A	B	C	D	N° Codice Code N°
	RACCORDO A T	DN 25/25/16	50	100			115-23753
	DI RIDUZIONE	DN 40/40/25	65	130			115-23754
	REDUCING TEE	DN 50/50/25	70	140			115-23762
		DN 50/50/40	70	140			115-23763
	Acciaio inox St. Steel						
	RACCORDO A	DN 10/10/10/10	30	60			115-23764
	CROCE	DN 16/16/16/16	40	80			115-23765
	CROSS	DN 20/20/20/20	50	100			115-23766
		DN 25/25/25/25	50	100			115-23767
		DN 32/32/32/32	65	130			115-23768
	Acciaio inox St. Steel	DN 40/40/40/40	65	130			115-23769
		DN 50/50/50/50	70	140			115-23770
	RACCORDO A CROCE	DN 16/16/10/10	40	80	30	60	115-23773
	DI RIDUZIONE	DN 20/20/10/10	50	100	30	60	115-23774
		DN 25/25/16/16	50	100	40	80	115-23775
	CROSS WITH	DN 32/32/10/10	65	130	30	60	115-23776
	REDUCING PIPES	DN 32/32/20/20	65	130	50	100	115-23777
		DN 40/40/16/16	65	130	40	80	115-23778
		DN 40/40/25/25	65	130	50	100	115-23779
	Acciaio inox	DN 40/40/25/16	65	130	50	90	115-23780
	St. Steel	DN 50/50/25/25	70	140	50	100	115-23781
	SOFFIETTI	DN 10	90	80			115-23784
	BELLOWS	DN 16	90	80			115-23785
		DN 20	110	96			115-23786
		DN 25	120	100			115-23787
		DN 32	120	100			115-23788
	Acciaio inox St. Steel	DN 40	120	100			115-23789
		DN 50	120	100			115-23790
	TUBAZIONI	DN 10	250				115-23793
	FLESSIBILI	DN 16	250				115-23794
		DN 20	250				115-23795
	FLEXIBLE	DN 25	250				115-23796
	PIPES	DN 32	250				115-23797
		DN 40	250				115-23798
		DN 50	250				115-23799
		DN 10	500				115-23802
		DN 16	500				115-23803
		DN 20	500				115-23804
		DN 25	500				115-23805
		DN 32	500				115-23806
		DN 40	500				115-23807
		DN 50	500				115-23808
	Acciaio inox St. Steel	DN 10	1000				115-23811
		DN 16	1000				115-23812
		DN 20	1000				115-23813
		DN 25	1000				115-23814
		DN 32	1000				115-23815
		DN 40	1000				115-23816
		DN 50	1000				115-23817
	TUBO GOMMA PARA		10	25	1000		240-23829
			15	35	1000		240-23830
	PARA RUBBER PIPE		20	40	1000		240-23831
			25	45	1000		240-23832
			32	52	1000		240-23833
			40	60	1000		240-23834
			50	80	1000		240-23835
	TUBO IN PLASTICA		12	18	1000		240-23825
			14	20	1000		240-23826
	PLASTIQUE PIPE		20	28	1000		240-23820
			25	34	1000		240-23821
			35	46	1000		240-23822
			45	60	1000		240-23823
			50	65	1000		240-23824



FLANGE PNEUROP-ISO

PNEUROP-ISO FITTINGS

Unità di misura: mm Measuring unit: mm		Descrizione Description		A	B	C	D	N° Codice Code N°
	GRIFFA	DN 63/250		60	M10			115-24017
		DN 320/500		70	M12			115-24018
	CLAW CLAMP	DN 630		80	M12			115-24019
	Acciaio inox St. Steel							
	GRIFFA PARETE	DN 63/100		20	M8	8		115-24021
		DN 125/250		25	M10	10		115-24022
	CLAW GRIP	DN 320		30	M12	10		115-24023
		DN 400/500		30	M12	10		115-24024
		DN 630		30	M12	10		115-24025
	Acciaio inox St. Steel							
	ANELLO	DN 63		70	3,9			115-24027
	DI CENTRAGGIO	DN 80		83	3,9			115-24028
		DN 100		102	3,9			115-24029
	CENTERING RING	DN 125	O-Ring	127	5,6			115-24030
		DN 160	Viton	153	5,6			115-24031
		DN 200		213	5,6			115-24032
		DN 250		261	5,6			115-24033
	Acciaio inox St. Steel							
		DN 63		70	3,9			115-24035
		DN 80		83	3,9			115-24036
		DN 100		102	3,9			115-24037
		DN 125	O-Ring	127	5,6			115-24038
		DN 160	Buna	153	5,6			115-24039
		DN 200		213	5,6			115-24040
		DN 250		261	5,6			115-24041
	Acciaio inox St. Steel							
	ANELLO DI TENUTA	DN 63		75,6	5,33			115-24043
		DN 80		88,3	5,33			115-24044
		DN 100		107,3	5,33			115-24045
		DN 125	Viton	135,9	7			115-24046
		DN 160		164,5	7			115-24047
		DN 200		215,3	7			115-24048
		DN 250		266,1	7			115-24049
	Acciaio inox St. Steel							
	O-RING	DN 63		75,6	5,33			115-24051
		DN 80		88,3	5,33			115-24052
		DN 100		107,3	5,33			115-24053
		DN 125	Buna	135,9	7			115-24054
		DN 160		164,5	7			115-24055
		DN 200		215,3	7			115-24056
		DN 250		266,1	7			115-24057
	Acciaio inox St. Steel							
	FLANGIA CIECA	DN 63		95	12			115-24059
		DN 80		110	12			115-24060
	BLANKING FLANGE	DN 100		130	12			115-24061
		DN 125		155	12			115-24062
		DN 160		180	12			115-24063
		DN 200		240	12			115-24064
		DN 250		290	12			115-24065
	Acciaio inox St. Steel							

Unità di misura: mm Measuring unit: mm		Descrizione Description		A	B	C	D	N° Codice Code N°
	FLANGIA A SALDARE	DN 63		95	12	76		115-24067
		DN 80		110	12	89		115-24068
	WELDING FLANGE	DN 100		130	12	108		115-24069
		DN 125		155	12	133		115-24069
		DN 160		180	12	159		115-24070
		DN 200		240	12	219		115-24071
		DN 250		290	12	267		115-24072
	Acciaio inox St. Steel							
	FLANGIA CON TUBO	DN 63		95	76	3	100	115-24075
		DN 80		110	89	3	100	115-24076
	FLANGE PIPE	DN 100		130	108	3	100	115-24077
		DN 125		155	133	3	100	115-24078
		DN 160		180	159	3	100	115-24079
		DN 200		240	219	3	100	115-24080
		DN 250		290	267	3	100	115-24081
	Acciaio inox St. Steel							
	ADATTATORE ISO-KF	DN 63/25		95	24	50		115-24083
		DN 63/40		95	41	50		115-24084
	ISO-KF ADAPTOR	DN 63/50		95	50	50		115-24085
		DN 80/40		110	41	50		115-24086
		DN 100/25		130	24	50		115-24087
		DN 100/40		130	41	50		115-24088
		DN 100/50		130	50	50		115-24089
	Acciaio inox St. Steel							
	RIDUZIONE	DN 100/63		95	70	80	130	115-24091
		DN 160/63		95	70	80	180	115-24092
	REDUCING PIPE	DN 160/100		130	102	80	180	115-24093
		DN 200/100		130	102	90	240	115-24094
		DN 250/200		240	213	90	290	115-24095
	Acciaio inox St. Steel							
	RACCORDO DIRITTO	DN 63		88				115-24097
		DN 80		108				115-24098
	CONNECTOR	DN 100		108				115-24099
	STRAIGHT	DN 125		130				115-24100
		DN 160		138				115-24101
		DN 200		200				115-24102
		DN 250		208				115-24103
	Acciaio inox St. Steel							
	TUBAZIONI FLESSIBILI	DN 63		250				115-24105
		DN 63		500				115-24106
		DN 63		1000				115-24107
	FLEXIBLE PIPES	DN 100		250				115-24108
		DN 100		500				115-24109
		DN 100		1000				115-24110
	Acciaio inox St. Steel							
	SOFFIETTI	DN 63		130	115			115-24112
		DN 80		130	115			115-24113
	BELOWS	DN 100		130	115			115-24114
		DN 125		150	130			115-24115
		DN 160		150	130			115-24116
		DN 200		230	205			115-24117
		DN 250		250	220			115-24118
	Acciaio inox St. Steel							