

HVAC

VALVES AND VALVE ACCESSORIES

ISOLATION VALVES					
	Code	Size DN (mm)			
HERZ Isolation Valve Female Thread, DZR 	HVS/12100-19	8	RuB Isolation Valve Female Thread, Extended Thread Nickel Plated 	BVT201/008	8
	HVS/12190-01	15		BVT201/010	10
	HVS/12190-02	20		BVT201/015	15
	HVS/12190-03	25		BVT201/020	20
	HVS/12190-04	32		BVT201/025	25
	HVS/12190-05	40		BVT201/032	32
	HVS/12190-06	50		BVT201/040	40
HERZ Isolation Valve Female Thread, DZR Brass, Red Top  EXTENDED HANDLES That will protrude beyond 38mm insulation	HVS/12206-41	15	Isolation Valve Female Thread Stainless Steel Full Bore 2-Piece 	BVT201/050	50
	HVS/12206-42	20		BVT201/065	65
	HVS/12206-43	25		BVT201/080	80
	HVS/12206-44	32		BVT201/100	100
	HVS/12206-45	40			
	HVS/12206-46	50			
HERZ Isolation Valve Female Threads, DZR Brass, Blue Top  EXTENDED HANDLES That will protrude beyond 38mm insulation	HVS/12206-51	15	Isolation Valve Female Thread Stainless Steel Full Bore 2-Piece 	VMBVSS2/008	8
	HVS/12206-52	20		VMBVSS2/010	10
	HVS/12206-53	25		VMBVSS2/015	15
	HVS/12206-54	32		VMBVSS2/020	20
	HVS/12206-55	40		VMBVSS2/025	25
	HVS/12206-56	50		VMBVSS2/032	32

REGULATION VALVES					
	Code	Size DN (mm)			
HERZ Regulation Valve Fixed Orifice, DZR Brass, BSP Threads 	HVS/14017-11	15 - LOW FLOW	HERZ Regulation Valve PN16 Flanged 	HVS/14218-47	65
	HVS/14017-21	15 - MEDIUM FLOW		HVS/14218-48	80
	HVS/14017-01	15		HVS/14218-49	100
	HVS/14017-02	20		HVS/14218-50	125
	HVS/14017-03	25		HVS/14218-51	150
	HVS/14017-04	32	HERZ Regulation Valve Compact / PN16 Flanged Version 		
	HVS/14017-05	40			
	HVS/14017-06	50			
HERZ Regulation Valve Variable Orifice DZR Brass, BSP Threads 	HVS/14217-01	15		HVS/14218-81	65
	HVS/14217-02	20		HVS/14218-82	80
	HVS/14217-03	25		HVS/14218-83	100
	HVS/14217-04	32		HVS/14218-84	125
	HVS/14217-05	40		HVS/14218-85	150
	HVS/14217-06	50		HVS/14218-86	200
	HVS/14217-07	65		HVS/14218-87	250
	HVS/14217-08	80		HVS/14218-88	300
				HVS/14218-89	350
				HVS/14218-90	400
				HVS/14218-92	500

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VALVES AND VALVE ACCESSORIES

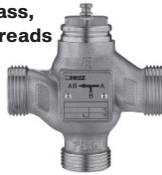
PICV - PRESSURE INDEPENDENT CONTROL VALVES					
	Code	Size DN (mm)		Code	Size DN (mm)
PICV, DZR Brass Male Threads - BSP 	HVS/14006-11	15	SMART PICV, DZR Brass, Female Threads - BSP 	HVS/14006-21	15
	HVS/14006-12	20		HVS/14006-22	20
	HVS/14006-13	25	SMART PICV, DZR Brass Female Threads - BSP 	HVS/14206-21	15
	HVS/14006-14	32		HVS/14206-22	20
	HVS/14006-15	40			
	HVS/14006-16	50			
PICV, DZR Brass Female Threads - BSP 	HVS/14206-11	15	PICV, Cast Iron PN16 Flanged PN16 Rated 	HVS/F4006-62	50
	HVS/14206-12	20		HVS/F4006-63	65
	HVS/14206-13	25		HVS/F4006-64	80
	HVS/14206-14	32		HVS/F4006-65	100
	HVS/14206-15	40		HVS/F4006-66	125
	HVS/14206-16	50		HVS/F4006-67	150
				HVS/F4006-68	200

PICV ACTUATORS			
		Code	
PICV Actuators to go with 4006 / 4026 / 4206 SMART- PICV 	24V for 3-point	HVS/17708-40	PICV Actuators to go with Flanged 4006 Valves (57-68) 
	230V for 3-point	HVS/17708-41	
	24V for 0-10V DC Signal (Modulating)	HVS/17708-42	
			24V modulating / 500 N suits F4006 DN15 to 80 Flanged Control Valves (c/w fitting 17712-20)
			24V modulating / 1000 N 
			suits F4006 DN50-65-80 Flanged Control Valves

DIFFERENTIAL PRESSURE CONTROLLER

	Code	Size DN (mm)	Pressure (kPa)		Code	Size DN (mm)	Pressure (kPa)
Differential Pressure Controller, DZR Brass Male Threads - BSP 	HVS/14002-41	15	5 - 30	Differential Pressure Controller PN16 Flanged 	HVS/F4007-07	65	10-40
	HVS/14002-42	20	5 - 30		HVS/F4007-17	65	20-80
	HVS/14002-43	25	5 - 30		HVS/F4007-27	65	50-150
	HVS/14002-44	32	5 - 30		HVS/F4007-08	80	10-40
	HVS/14002-45	40	5 - 30		HVS/F4007-18	80	20-80
	HVS/14002-46	50	5 - 30		HVS/F4007-28	80	50-150
	HVS/14002-61	15	25-60		HVS/F4007-09	100	10-40
	HVS/14002-62	20	25-60		HVSF40071-9	100	20-80
	HVS/14002-63	25	25-60		HVS/F4007-29	100	50-150
	HVS/14002-64	32	25-60		HVS/F4007-10	125	10-40
	HVS/14002-65	40	25-60		HVS/F4007-20	1325	20-80
	HVS/14002-66	50	25-60		HVS/F4007-30	125	50-150
					HVS/F4007-11	150	10-40
					HVS/F4007-21	150	20-80
					HVS/F4007-31	150	50-150

2-PORT AND 3 PORT VALVES

	Code	Size DN (mm)		Code	Size DN (mm)
2-Port Valve PN16 Flanged 	HVS/14035-01	15 (Kvs 1)	3-Port Control Valve, PN16 Flanged 	HVS/14037-01	15 (Kvs 1)
	HVS/14035-11	15 Kvs 1.6)		HVS/14037-11	15 Kvs 1.6)
	HVS/14035-21	15 (Kvs 2.5)		HVS/14037-21	15 (Kvs 2.5)
	HVS/14035-31	15 (Kvs 4)		HVS/14037-31	15 (Kvs 4)
	HVS/14035-03	25 (Kvs 6.3)		HVS/14037-03	25 (Kvs 6.3)
	HVS/14035-13	25 (Kvs 10)		HVS/14037-13	25 (Kvs 10)
	HVS/14035-04	43		HVS/14037-04	43
	HVS/14035-05	40		HVS/14037-05	40
	HVS/14035-06	50		HVS/14037-06	50
	HVS/14035-07	63		HVS/14037-07	63
	HVS/14035-08	80		HVS/14037-08	80
	HVS/14035-09	100		HVS/14037-09	100
	HVS/14035-10	125	3-Port Mixing and Diverting Valve, DZR Brass, BSP Threads 	HVS/14037-10	125
	HVS/14035-41	150		HVS/14037-41	150
				HVS/14037-15	15
				HVS/14037-20	20
				HVS/14037-25	25
				HVS/14037-32	32
				HVS/14037-40	40
				HVS/14037-50	50

2 AND 3-PORT VALVE ACTUATORS

	Code		Code
Actuators to go with 4035 and 4037 Flanged Valves	24V modulating 2500 N 	HVS/17712-31	Actuators to go with 4037 DZR Brass 3-Port Valves
	Suits DN65-80		
	24V modulating 2500 N 	HVS/17712-32	
	Suits DN100-150		
	24V modulating 500 N 	HVS/17712-29	
	Suits DN15-25		
	24V modulating 1000 N 	HVS/17712-31	
	Suits DN32-50		

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VALVES AND VALVE ACCESSORIES

SPECIALISED VALVES SETS

	Code	Size DN (mm)			Code	Size DN (mm)
CONNECT 4 Fan Coil Valve 	HVS/14600-11	15	HerzCON Fan Coil Valve 	Unit includes: Air Vent, Isolation Valves, Drain Cock, Strainer, FlowCon Valve, Insulation Box	HVS/14600-51	15
	HVS/14600-12	20			HVS/14600-52	20
	HVS/14600-13	25			HVS/14600-58	25
	HVS/14600-14	32			HVS/14600-54	32
	HVS/14600-15	40				
	HVS/14600-16	50				
Unit includes: Air Vent, Isolation Valves, Drain Cock, Strainer, FlowCon Valve, Insulation Box			CONNECT 4 End Of Line 3-Way Valve 		HVS/14600-71	15
					HVS/14600-72	20
					HVS/14600-73	25

SPECIALISED VALVES SET ACTUATORS

		Code			Code
Actuators for HerzCon and Connect 4 Units 	24V for 3-point	HVS/17708-40	Actuators for Connect4 with 14037 3-Way Valve 	24V / (0-10V)	HVS/17712-11
	230V for 3-point	HVS/17708-41		suits DN15-25	
	24V for 0-10V DC Signal (Proportional)	HVS/17708-42		230V / 2 or 3POS	HVS/17712-50
				suits DN15-25	
				24V / 2 or 3POS /	HVS/17712-51
				suits DN15-25	

NON RETURN VALVES

	Code	Size DN (mm)			Code	Size DN (mm)
EUROPA Bronze Non Return Valve BSP Threads 	BVEC/010	10	Non Return Valve, Dual Disc 	Body - Cast Iron Spring - 316 SS Disc - 316 SS, Seat - EPDM Shaft - 304/316 SS Flange Gasket - 316 SS Max Temp -120°C Max Pressure - 16Bar	ACVCI316/050	50
	BVEC/015	15			ACVCI316/065	65
	BVEC/020	20			ACVCI316/080	80
	BVEC/025	25			ACVCI316/100	100
	BVEC/032	32			ACVCI316/125	125
	BVEC/040	40			ACVCI316/150	150
	BVEC/050	50			ACVCI316/200	200
	BVEC/065	65			ACVCI316/250	250
	BVEC/080	80			ACVCI316/300	300
	BVEC/100	100			ACVCI316/350	350
Non Return Valve, Single Disc 	ACVSW/050	50			ACVCI316/400	400
	ACVSW/065	65				
	ACVSW/080	80				
	ACVSW/100	100				
	ACVSW/125	125				
	ACVSW/150	150				
	ACVSW/200	200				
	ACVSW/250	250				
	ACVSW/300	300				
	ACVSW/350	350				
	ACVSW/400	400				

KITZ FIGURE DJ WAFER AND LUGGED BUTTERFLY VALVES

KITZ BUTTERFLY VALVES, CONCENTRIC WITH BONDED SEAT

DN 50-300, EPDM/NBR liner for drinking water, SS 1.4408 disc

Kitz Figure DJ range of concentric butterfly valves are available in wafer and lug design with lever and gearbox.

The design has bonded seats and spherical design for discs and seats to minimise wear and prolong service life.

The valve is available with EPDM and NBR Linings and has a low operating torque.

	Code	Size NB (mm)	MATERIALS		SPECIFICATIONS
			Part	Material	
Kitz Lugged Butterfly Valve, Table E, EPDM 	VBFLEE050	50	Body	Ductile Iron	Flanges - Lugged AS2129 D/E EN 1092 PN 10/16 ANSI 125/150
	VBFLEE065	65	Handle / Gear-box	Aluminium	
	VBFLEE080	80			
	VBFLEE100	100	Disc	316 Stainless Steel	Cold Working Pressure 1600 Kpa MAX Working Temperature EPDM 110°C
	VBFLEE125	125	Seat	EPDM or NBR	
	VBFLEE150	150	Bushing	Epoxy Glass Fibre Composite	
	VBFLEE200	200			MAX Working Temperature Nitrile 80°C Size 50-300 NB Lever Handle 50-200mm, Gearbox 250-300mm
	VBFLEE250	250	Notch Plate	316 Stainless Steel	
	VBFLEE300	300	O-Ring	EPDM or Nitrile	

	Code	Size NB (mm)	MATERIALS		SPECIFICATIONS
			Part	Material	
Kitz Wafer Butterfly Valve, EPDM 	VBFW050	50	Body	Ductile Iron	Flanges - Wafer Universal: AS2129 D/E EN 1092 PN 10/16 ANSI 125/150
	VBFW065	65	Handle / Gear-box	Aluminium	
	VBFW080	80			
	VBFW100	100	Disc	316 Stainless Steel	Cold Working Pressure 1600 Kpa MAX Working Temperature EPDM 110°C
	VBFW125	125	Seat	EPDM or NBR	
	VBFW150	150	Bushing	Epoxy Glass Fibre Composite	
	VBFW200	200			MAX Working Temperature Nitrile 80°C Size 50-300 NB Lever Handle 50-200mm, Gearbox 250-300mm
	VBFW250	250	Notch Plate	316 Stainless Steel	
	VBFW300	300	O-Ring	EPDM or Nitrile	

ORIFICE PLATES

	Code	Size DN (mm)
HERZ Orifice Plate, Stainless Steel  Max Temp. 130C Max Pres. 20bar	HVS/14000-31	65
	HVS/14000-32	80
	HVS/14000-33	100
	HVS/14000-34	125
	HVS/14000-35	150
	HVS/14000-36	200
	HVS/14000-37	250
	HVS/14000-38	300
	HVS/14000-39	350
	HVS/14000-40	400
	HVS/14000-41	450
	HVS/14000-42	500
	HVS/14000-43	600

STRAINERS

	Code	Size DN (mm)
HERZ Strainer, DZR Brass Female Thread - BSP 	HVS/12662-01	15
	HVS/12662-02	20
	HVS/12662-03	25
	HVS/14111-14	32
	HVS/14111-15	40
	HVS/14111-16	50
MECH Strainer, Flanged Table E 	HWS/050	50
	HWS/065	65
	HWS/080	80
	HWS/100	100
	HWS/125	125
	HWS/150	150
	HWS/200	200
	HWS/250	250
	HWS/300	300
	HWS/350	350
	HWS/400	400

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VALVES AND VALVE ACCESSORIES

PRESSURE REDUCING VALVES

	Code	Size DN (mm)			Code	Size DN (mm)
ITAP Pressure Reducing Valve, 1-6bar adjustment BSP Threads 	BVPR143/025	25	ITAP Pressure Reducing Valve, 1-4bar adjustment BSP Threads 		BVPR361/015	15
	BVPR143/032	32			BVPR361/020	20
	BVPR143/040	40				
	BVPR143/050	50				
			HERZ Pressure Reducing Valve, 0.5-6bar adjustment BSP Threads 		HVS/12682-11	15

PRESSURE RELIEF VALVES

	Code	Inlet DN (mm)	Outlet DN (mm)			Code	Inlet DN (mm)	Outlet DN (mm)
FLAMCO Prescor Pressure Relief Valve BSP Threads 	FLSV015/27606 (4 BAR)	15	15	FLAMCO Prescor Solar Pressure Relief Valve BSP Threads  (6 BAR)		FLSVS015/28310	15	10-40
	FLSV020/27028 (4 BAR)	20	20			FLSVS015/28311	15	
	FLSV025/27045 (3 BAR)	25	32			FLSVS015/28316	20	
	FLSV025/27049 (5 BAR)	25	32			FLSVS015/28321	25	
	FLSV032/27056 (3 BAR)	32	40					
	FLSV032/27039 (5 BAR)	32	40	HERZ Pressure Relief Valve BSP Threads 		HVS/FLSV025/6BAR	25	
	FLSV032/29209 (7 BAR)	32	40			HVS/FLSV032/6BAR	32	

REDUCED PRESSURE ZONE VALVES (RPZ VALVES)

	Code	Size DN (mm)
Reduced Pressure Zone Valves (RPZ Valves) BSP Threads 	RPZ/W19375	20
	RPZ/W25375L	25
	RPZ/W32375L	32
	RPZ/W40375L	40
	RPZ/W50375L	50
	RPZ/W65375L	65
	RPZ/W80375L	80

DRAIN COCKS

	Code	Size DN (mm)
Drain Cock 	HVS/12512-01	15

AIR VENTS

	Code	Size DN (mm)			Code	Size DN (mm)
Flamco Flexvent 	FLAV/27750	10	Flamco Flexvent Super 		FLAVSUPER/28520	20
	FLAV/27740	15				
	FLAV/27735	20				
Flamco Flexvent Max 	FLAVMAX/28550	20	ITAP 		HVAR/008 HVAR/015	8 15

RUBBER FLEX JOINTS

	Code	Size DN (mm)		Code	Size DN (mm)
Rubber Flex Joint Single Bellow Table E 	FLFLEX/050TE	50	Rubber Flex Joint Double Bellow, Table E 	FLFLEX/080TED	80
	FLFLEX/065TE	65		FLFLEX/100TED	100
	FLFLEX/080TE	80		FLFLEX/125TED	125
	FLFLEX/100TE	100		FLFLEX/150TED	150
	FLFLEX/125TE	125		FLFLEX/200TED	200
	FLFLEX/150TE	150		FLFLEX/250TED	250
	FLFLEX/200TE	200		FLFLEX/300TED	300
	FLFLEX/250TE	250		FLFLEX/025BSP	25
	FLFLEX/300TE	300		FLFLEX/032BSP	32
	FLFLEX/350TE	350		FLFLEX/040BSP	40
	FLFLEX/400TE	400		FLFLEX/050BSP	50
	FLFLEX/450TE	450			
			Rubber Flex Joint BSP Threads 		

BINDER TEST PLUGS

	Code	Size DN (mm)		Code	Size DN (mm)
Binder Test Plug, DZR, Blue Top 	HVS/0284-01	8	Extended Binder Test Plug, DZR, Blue Top 	HVS/0284-11	8
Binder Test Plug, DZR, Red Top 	HVS/0284-02	8	Extended Binder Test Plug, DZR, Red Top 	HVS/0284-12	8

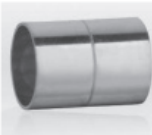
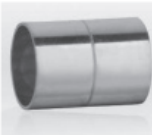
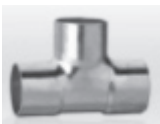
GAUGES

	Code	Size DN (mm)		Code	Size DN (mm)
Pressure Gauge 1.5-3bar, 63mm Face, BSP Threads 	FLPG63/27210	8	Pressure Gauge 3bar, 63mm Face, BSP Threads 	FLPG63/27205	8
Pressure Gauge 1.5-3bar, 80mm Face, BSP Threads 	FLPG80/27222	8	FLAMCO Pressure and Temperature Gauge 1.5 - 3bar, 63mm Face  (With shut-off valve)	FLPTG/27250	15

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HOSES AND COPPER FITTINGS

FLEXIBLE HOSES					
	Code	Size DN (mm)			
HERZ Stainless Steel Braided Hose, PN25, 1000mm 	HHS1000/020	20	HERZ Stainless Steel Braided Hose, PN25, 400mm 	HHS400/020	20
	HHS1000/025	25		HHS400/025	25
	HHS1000/032	32		HHS400/032	32
	HHS1000/040	40		HHS400/040	40
HERZ Stainless Steel Braided Hose, PN25, 600mm 	HHS600/020	20		HHS400/050	50
	HHS600/025	25			
	HHS600/032	32			
	HHS600/040	40			
	HHS600/050	50			

HVAC COPPER FITTINGS					
	Code	Size NB (mm)			
Tube NZS3501 	CPT015	15	90° Elbows NZS3501 	CPE015	15
	CPT020	20		CPE020	20
	CPT025	25		CPE025	25
	CPT032	32		CPE032	32
	CPT040	40		CPE040	40
	CPT050	50		CPE050	50
	CPT065	65		CPE065	65
	CPT080	80		CPE080	80
	CPT100	100		CPE100	100
	CPPAS125	125		CPE125-AS	125
	CPT150	150		CPE150	150
				CPE200	200
Tube Connectors NZS3501 	CPCO015	15	45° Elbows NZS3501 	CPE45015	15
	CPCO020	20		CPE45020	20
	CPCO025	25		CPE45025	25
	CPCO032	32		CPE45032	32
	CPCO040	40		CPE45040	40
	CPCO050	50		CPE45050	50
	CPCO065	65		CPE45065	65
	CPCO080	80		CPE45080	80
	CPCO100	100		CPE45100	100
	CPCO150	125		CPE45125	125
	CPCO200	150		CPE45150	150
				CPE45200	200
Equal Tees NZS3501 	CPTE15	15			
	CPTE20	20			
	CPTE25	25			
	CPTE32	32			
	CPTE40	40			
	CPTE50	50			
	CPTE65	65			
	CPTE80	80			
	CPTE100	100			
	CPTE125	125			
	CPTE150	150			
	CPTE200	200			

HVAC COPPER FITTINGS

	Code	Size NB (mm)			Code	Size NB (mm)
Reducing Tees NZS3501 	CPTR201520	20x15x20	Multi Step Reducers NZS3501 	Flange Adaptors Table E 	CPSR050020	50x20
	CPTR201520	20x20x15			CPSR065040	65x40
	CPTR251525	25x15x25			CPMSR8040	80x40
	CPTR252025	25x20x25			CPSR100050	100x50
	CPTR321532	32x15x32				
	CPTR322032	32x20x32				
	CPTR322532	32x25x32				
	CPTR402040	40x20x40				
	CPTR402540	40x25x40				
	CPTR403240	40x32x40				
	CPTR502050	50x20x50				
	CPTR502550	50x25x50				
	CPTR503250	50x32x50				
	CPTR504050	50x40x50				
	CPTR653265	65x32x65				
	CPTR654065	65x40x65				
	CPTR655065	65x50x65				
	CPTR804080	80x40x80				
	CPTR805080	80x50x80				
CPTR806580	80x65x80					
CPTR10050100	100x50x100					
CPTR10065100	100x65x100					
CPTR10080100	100x80x100					
Reducers NZS3501 	CPR1510	15x10	Flange Adaptors PN16 	End Caps NZS3501 	FLCM16032	32
	CPR2015	20x15			FLCM16040	40
	CPR2510	25x10			FLCM16050	50
	CPR2515	25x15			FLCM16065	65
	CPR2520	25x20			FLCM16080	80
	CPR3215	32x15			FLCM16100	100
	CPR3220	32x20			FLCM16125	125
	CPR3225	32x25			FLCM16150	150
	CPR4020	40x20			FLCM16200	200
	CPR4025	40x25				
	CPR4032	40x32				
	CPR5020	50x20				
	CPR5025	50x25				
	CPR5032	50x32				
	CPR5040	50x40				
	CPR6520	65x20				
	CPR6525	65x25				
	CPR6532	65x32				
	CPR6540	65x40				
	CPR6550	65x50				
	CPR8040	80x40				
	CPR8050	80x50				
	CPR8065	80x65				
	CPR10050	100x50				
	CPR10065	100x65				
	CPR10080	100x80				
	CPR12580	125x80				
	CPR125100	125x100				
	CPR150100	150x100				
	CPR150125	150x125				
	CPR200150	200x150				

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ASMUSS BRASS - DZR FITTINGS

HVAC BRASS FITTINGS						
	Code	Length (mm)			Code	Size NB (mm)
Barrel Nipples 15 NB 	BBN1532	32	Hex Nipples 	Hex Nipples *Flat Faces	BHN08	8
	BBN1535	35			BHN15	15
	BBN1540	40			*BHN15-FF	15
	BBN1545	45			BHN20	20
	BBN1550	50			*BHN20-FF	20
	BBN1560	60			BHN25	25
	BBN1560	65			*BHN25-FF	25
	BBN1570	70			BHN32	32
	BBN1570	75			BHN40	40
	BBN1580	80			BHN50	50
	BBN1590	90			BHN65	65
	BBN15100	100			BRN1510	15x10
	BBN15150	150			BRN2015	20x15
					BRN2515	25x15
Barrel Nipples 20 NB 	BBN2032	32	Reducing Nipples 	Reducing Nipples	BRN2520	25x20
	BBN2035	35			BRN3215	32x15
	BBN2040	40			BRN3220	32x20
	BBN2045	45			BRN3225	32x25
	BBN2050	50			BRN4020	40x20
	BBN2060	60			BRN4025	40x25
	BBN2065	65			BRN4032	40x32
	BBN2070	70			BRN5020	50x20
	BBN2070	75			BRN5025	50x25
	BBN2080	80			BRN5032	50x32
	BBN2090	90			BRN5040	50x40
	BBN20100	100			BFT08	8
	BBN20150	150			BFT15	15
					BFT20	20
Barrel Nipples 25 NB 	BBN2540	40	Equal Tees 	Equal Tees	BFT25	25
	BBN2550	50			BFT32	32
	BBN2560	60			BFT40	40
	BBN2570	70			BFT50	50
	BBN2580	80				
	BBN25100	100			BBT15815	15x8x15
	BBN25150	150			BBT20820	20x8x20
					BBT25825	15x8x15
Barrel Nipples 32 NB 	BBN3250	50	Binder Tees 	Binder Tees		
	BBN3260	60				
	BBN3270	70				
	BBN3280	80				
	BBN32100	100				
	BBN32150	150				
Barrel Nipples 40 NB 	BBN4050	50	Sockets 	Sockets	BFS15	15
	BBN4060	60			BFS20	20
	BBN4070	70			BFS25	25
	BBN4080	80				
	BBN40100	100				
	BBN40150	150				
Barrel Nipples 50 NB 	BBN5050	50	Reducing Hex Sockets 	Reducing Hex Sockets	BHRS2015	20x15
	BBN5060	60			BHRS2515	25x15
	BBN5070	70			BHRS2520	25x20
	BBN5080	80				
	BBN50100	100				
	BBN50150	150				
Barrel Nipples 50 NB 	BBN5050	50	Hex Sockets 	Hex Sockets	BHS08	8
	BBN5060	60			BHS15	15
	BBN5070	70			BHS20	20
	BBN5080	80			BHS25	25
	BBN50100	100			BHS32	32
	BBN50150	150			BHS40	40
					BHS50	50

HVAC BRASS FITTINGS

	Code	Size NB (mm)			Code	Size NB (mm)
Reducing Sockets 	BRS1510	15x10	Mech Unions Female / Female 	Mech Unions Male / Female 	BUF15	15
	BRS2015	20x15			BUF20	20
	BRS2515	25x15			BUF25	25
	BRS2520	25x20			BUF32	32
	BRS3220	32x20			BUF40	40
	BRS3225	32x25			BUF50	50
	BRS4020	40x20			BUF65	65
	BRS4025	40x25			BUMF15	15
	BRS4032	40x32			BUMF20	20
	BRS5040	50x40			BUMF25	25
Adapter / Extension Sockets 	BES15	15	CAPS 	CROX NUTS 	BC15	15
	BES20	20			BC20	20
	BES25	25			BC25	25
	BES32	32			BC32	32
	BES40	40			BC40	40
Adapter with Flat Faces   to suit flexible hoses	BA15FF	15	PLUGS 	90° Elbows Female / Female 	BC50	50
	BA20FF	20			BCN15	15
	BA25FF	25			BCN20	20
	BA32FF	32			BCN25	25
	BA40FF	40			BCN32	32
Reducing Bushes 	BRB1508	15x 8	90° Elbows Male / Female 	45° Elbows 	BCN40	40
	BRB1510	15x10			BCN50	50
	BRB2015	20x15			BP15	15
	BRB2515	25x15			BP20	20
	BRB2520	25x20			BP25	25
	BRB3215	32x15			BP32	32
	BRB3220	32x20			BP40	40
	BRB3225	32x25			BP50	50
	BRB4020	40x20			BFE9015	15
	BRB4025	40x25			BFE9020	20
	BRB4032	40x32			BFE9025	25
	BRB5025	50x25			BFE9032	32
	BRB5032	50x32			BFE9040	40
	BRB5040	50x40			BFE9050	50
	BRB2015FF	20x15			BMFE9015	15
Reducing Bushes with Flat Faces  to suit flexible hoses	BRB2520FF	25x20			BMFE9020	20
	BRB3220FF	32x20			BMFE9025	25
	BRB3225FF	32x25				
	BRB4032FF	40x32				
	BRB5040FF	50x40				
Brazing Bushes 	BBB15	15				
	BBB20	20				
	BBB25	25				
	BBB32	32				
	BBB40	40				
	BBB50	50				

HVAC

TANKS AND VESSELS

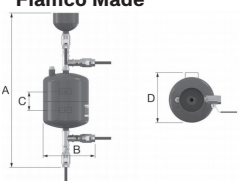
AIR AND DIRT SEPARATORS

	Code	Size NB (mm)			Code	Size DN (mm)
FLAMCO PN16 Flanged / PN16 rated 	FLASCM/28080	50	FLAMCO SMART PN16 Flanged / PN16 rated 	Max Temp - 120°C Max Pre - 10 bar	FLACM/31041	50
	FLASCM/28081	65			FLACM/31042	65
	FLASCM/28082	80			FLACM/31043	80
	FLASCM/28083	90			FLACM/31044	90
	FLASCM/28084	100			FLACM/31045	100
	FLASCM/28085	150			FLACM/31046	150
	FLASCM/28086	200			FLACM/31047	200
Max Temp - 120°C Max Pre - 10 bar			FLAMCO ECOPlus BSP threads 	Max Temp - 120°C Max Pre - 10 bar	FLASCM/30051	¾" (DN20)
					FLASCM/30052	(DN22)
					FLASCM/30053	1" (DN25)
					FLASCM/30054	1¼" (DN32)
					FLASCM/30055	1½" (DN40)
					FLASCM/30056	2" (DN50)

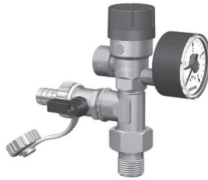
EXPANSION VESSELS

	Code	Size			Code	Size
Wall Mounted Expansion Vessels 	FLEV8/16008	8L	Side Mounted Expansion Vessels 	Max Pre - 3 Bar Max Temp Diaphragm - 70°C	FLEVP18/13316	18L
	FLEV12/16015	12L			FLEVP25/13326	25L
	FLEV18/16020	18L			FLEVP35/13336	35L
	FLEV25/16027	25L			FLEVP50/13357	50L
Foot Mounted Expansion Vessels 	FLEV35/16037	35L	Mounting Options 	Max Temp - 120°C Max Pre - 6 Bar Max Temp Diaphragm - 70°C	FLWM27913	2 - 2.5 litres Vessels
	FLEV50/16053	50L			FLWM/27910	8 - 25 litres Vessels *Bracket Only
	FLEV80/16084	80L			FLWM27996	8 - 25 litres Vessels
	FLEV110/16119	110L				
	FLEV140/16141	140L				
	FLEV200/16208	200L				
	FLEV300/16304	300L				
	FLEV425/16424	425L				
	FLEV600/16604	600L				
	FLEV800/16804	800L				
	FLEV1000/16904	1000L				

DOSING POTS

	Code	Size (mm)			Code	Size
Dosing Pots Flamco Made 	FLDPOT3.5	565 225 40 220	Dosing Pots Assmuß Made 	Supplied Fully Assembled Min/Max Temp 5°C / 95°C° Max Pressure - 16 Bar Sys Connections - 20mm (¾")	HJADPOT6	6L
	FLDPOT6	670 225 90 220			HJADPOT11	11L
	FLDPOT11	935 215 279 200			HJADPOT18	18L
	FLDPOT18	1250 215 587 200			HJADPOT25	25L
	FLDPOT25	937 270 224 295			HJADPOT35	35L

FILL SETS

	Code		Code
System Filling Device  comes with safety valve and pressure gauge 0 - 4 bar. -10°C / 120°C	FLFSET/27097	110 - 1000 Litre Expansion Vessel Fillset  comes with pressure gauge	FL/FLEXCON/27293
		DN15 Fillset  incl Ball/Check Valve + Pressure Reducing Valve + Flex Hose+ball valve	ASFS/015

BUFFER TANKS

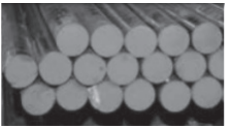
	Code	Size		Code	Size
"PS" Models Heated Hot Water Buffer Tanks 	FLVPS/200	200L	Buffer Tank Insulation For "PS" Models  EPS insulating mantle with a polypropylene outer shell and lid (white, RAL 9010 / white aluminium, RAL 9006).	FLBVINS/18675	200L
	FLVPS/300	300L		FLBVINS/18678	300L
	FLVPS/500	500L		FLBVINS/18681	500L
	FLVPS/600	600L		FLBVINS/18684	600L
	FLVPS/750	750L		FLBVINS/18690	850L
	FLVPS/850	850L		FLBVINS/18693	1000L
	FLVPS/1000	1000L		FLBVINS/18699	1200L
	FLVPS/1200	1200L		FLBVINS/18702	1500L
	FLVPS/1500	1500L		FLBVINS/18705	1800L
	FLVPS/1800	1800L		FLBVINS/18708	2000L
	FLVPS/2000	2000L		FLBVINS/18711	3000L
	FLVPS/3000	3000L		FLBVINS/18717	5000L
	FLVPS/4000	4000L	Buffer Tank Insulation For "PS-K" Models  Vapour-tight insulation for use in chilled water (cooling) installations. Temperature range: -200 °C up to +105°C Thickness: 25 mm (if used as insulation)	FLBVINS/18270	500L
	FLVPS/5000	5000L		FLBVINS/18271	750L
"PS-K" Models Chilled Water Buffer Tanks 	FLVPSK/500	500L		FLBVINS/18272	1000L
	FLPSK/750	750L		FLBVINS/18273	1500L
	FLBVPSK/1000	1000L		FLBVINS/18274	2000L
	FLBVPSK/1500	1500L		FLBVINS/18275	2500L
	FLBVPSK/2000	2000L		FLBVINS/18276	3000L
	FLBVPSK/2500	2500L			
	FLBVPSK/3000	3000L			

BRANCHING EQUIPMENT

	Code	Size DN (mm)		Code	Size DN (mm)
Cast Iron Branching Equipment  The T-plus is specially designed to create perfect branches quickly and easily, whilst the system remains in operation. PN25, 120°C	FL/TPLUS/90615	15x15x15	Copper Branching Equipment  The T-plus is specially designed to create perfect branches quickly and easily, whilst the system remains in operation. PN16, 120°C	TPLUSC015	15x15x15
	FL/TPLUS/90620	20x15x20		TPLUSC020	20x15x20
	FL/TPLUS/90626	25x20x25		TPLUSC025	25x20x25
	FL/TPLUS/90632	32x25x32		TPLUSC028	28x20x28
	FL/TPLUS/90640	40x32x40		TPLUSC032	32x20x32
	FL/TPLUS/90650	50x32x50		TPLUSC040	40x20x40
	FL/TPLUS/90665	65x32x65			
	FL/TPLUS/90680	80x32x80			

HVAC

ASMUSS STEEL PIPE AND FITTINGS

HVAC STEEL PIPE					
	Code	Size NB (mm)		Code	Size NB (mm)
Pipe, Pre-Primed  6.5 metre length	PPMPE015	15	Electric Resistance Welded Pipe (ERW) Sch 40  6 metre length	LPW350STD	350
	PPMPE020	20		LPW400STD	400
	PPMPE025	25		LPW450STD	450
	PPMPE032	32		LPW500STD	500
	PPMPE040	40		LPW600STD	600
	PPMPE050	50			
	PPMPE065	65			
	PPMPE080	80			
	PPMPE100	100			
	PPMPE125	125			
	PPMPE150	150			
Seamless Line Pipe Sch 40  6 metre length	LP040010	10	Electric Resistance Welded Pipe (ERW) Sch 40  6 metre length	LPW15020	150
	LP040015N	15		LPW20020	200
	LP040020N	20		LPW25020	250
	LP040025N	25		LPW30020	300
	LP040032N	32			
	LP040040N	40			
	LP040050	50			
	LP040065N	65			
	LP040080N	80			
	LP040100N	100			
	LP040125	125			
	LP040150	150			
	LP040200	200			
	LP040250	250			
	LP040300	300			

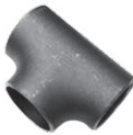
HVAC STEEL FITTINGS					
	Code	Size NB (mm)		Code	Size NB (mm)
Elbows 45° Long Radius Buttweld 	BWE45015	15	Elbows 90° Long Radius 	BWE90015	15
	BWE45020	20		BWE90020	20
	BWE45025	25		BWE90025	25
	BWE45032	32		BWE90032	32
	BWE45040	40		BWE90040	40
	BWE45050	50		BWE90050	50
	BWE45065	65		BWE90065	65
	BWE45080	80		BWE90080	80
	BWE45100	100		BWE90100	100
	BWE45125	125		BWE90125	125
	BWE45150	150		BWE90150	150
	BWE45200	200		BWE90200	200
	BWE45250	250		BWE90250	250
	BWE45300	300		BWE90300	300
	BWE45350	350		BWE90350	350
	BWE45400	400		BWE90400	400
				BWE90450	450
Elbows 90° Short Radius 	BWES90020	20		BWE90500	500
	BWES90025	25		BWE90600	600
	BWES90032	32			
	BWES90040	40			
	BWES90050	50			
	BWES90065	65			
	BWES90080	80			
	BWES90100	100			
	BWES90125	125			
	BWES90150	150			
	BWES90200	200			
	BWES90250	250			
	BWES90300	300			

HVAC STEEL FITTINGS

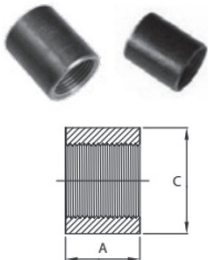
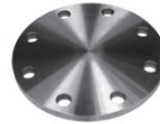
	Code	Size NB (mm)			Code	Size NB (mm)
Reducers Butt weld Concentric 	BWRC020015	20x15	Reducers Butt weld Eccentric 	BWRE020015	20x15	
	BWRC025015	25x15		BWRE025015	25x15	
	BWRC025020	25x20		BWRE025020	25x20	
	BWRC032015	32x15		BWRE032015	32x15	
	BWRC032020	32x20		BWRE032020	32x20	
	BWRC032025	32x25		BWRE032025	32x25	
	BWRC040015	40x15		BWRE040015	40x15	
	BWRC040020	40x20		BWRE040020	40x20	
	BWRC040025	40x25		BWRE040025	40x25	
	BWRC040032	40x32		BWRE040032	40x32	
	BWRC050015	50x15		BWRE050020	50x20	
	BWRC050020	50x20		BWRE050025	50x25	
	BWRC050025	50x25		BWRE050032	50x32	
	BWRC050032	50x32		BWRE050040	50x40	
	BWRC050040	50x40		BWRE065025	65x25	
	BWRC065025	65x25		BWRE065032	65x32	
	BWRC065032	65x32		BWRE065040	65x40	
	BWRC065040	65x40		BWRE065050	65x50	
	BWRC065050	65x50		BWRE080025	80x25	
	BWRC080025	80x25		BWRE080032	80x32	
	BWRC080032	80x32		BWRE080040	80x40	
	BWRC080040	80x40		BWRE080050	80x50	
	BWRC080050	80x50		BWRE080065	80x65	
	BWRC080065	80x65		BWRE100040	100x40	
	BWRC100040	100x40		BWRE100050	100x50	
	BWRC100050	100- 50		BWRE100065	100x65	
	BWRC100065	100x65		BWRE100080	100x80	
	BWRC100080	100x80		BWRE125080	125x80	
	BWRC125065	125x65		BWRE125100	125x100	
	BWRC125080	125x80		BWRE150080	150x80	
	BWRC125100	125x100		BWRE150100	150x100	
	BWRC150050	150x50		BWRE150125	150-125	
	BWRC150065	150x65		BWRE200100	200x100	
	BWRC150080	150x80		BWRE200125	200x125	
	BWRC150100	150x100		BWRE200150	200x150	
	BWRC150125	150 -125		BWRE250150	250x150	
	BWRC200080	200x80		BWRE250200	250x200	
	BWRC200100	200x100		BWRE300150	300x150	
	BWRC200125	200x125		BWRE300200	300x200	
	BWRC200150	200x150		BWRE300250	300x250	
	BWRC250100	250x100		BWRE350200	350x200	
	BWRC250150	250x150		BWRE350250	350x250	
	BWRC250200	250x200		BWRE350300	350x300	
	BWRC300150	300x150		BWRE400200	400x200	
	BWRC300200	300x200		BWRE400250	400x250	
	BWRC300250	300x250		BWRE400300	400x300	
	BWRC350200	350x200		BWRE400350	400x350	
	BWRC350250	350x250		BWRE450200	450 -200	
	BWRC350300	350x300		BWRE450250	450 -250	
	BWRC400200	400x200		BWRE450300	450x300	
	BWRC400250	400x250		BWRE450400	450x400	
	BWRC400300	400x300				
	BWRC400350	400x350				
	BWRC450250	450x250				
	BWRC450300	450x300				
	BWRC450350	450x350				
	BWRC450400	450x400				
	BWRC500300	500-300				
	BWRC500400	500-400				
	BWRC500450	500-450				
	BWRC600400	600-400				

HVAC

ASMUSS STEEL PIPE AND FITTINGS

HVAC STEEL FITTINGS					
	Code	Size NB (mm)		Code	Size NB (mm)
Buttweld Caps 	BWC065	65	Tees Buttweld, Equal 	BWT015	15
	BWC080	80		BWT020	20
	BWC100	100		BWT025	25
	BWC125	125		BWT032	32
	BWC150	150		BWT040	40
	BWC200	200		BWT050	50
	BWC250	250		BWT065	65
	BWC300	300		BWT080	80
	BWC350	350		BWT100	100
	BWC400	400		BWT125	125
BWC450	450	BWT150	150		
			BWT200	200	
			BWT250	250	
Tees Buttweld, Reducing Sch 40 	BWTR020015	20x15	Sockets, Profile 	BWT300	300
	BWTR025015	25x15		BWT350	350
	BWTR025020	25x20		BWT400	400
	BWTR032015	32x15		BWT450	450
	BWTR032020	32x20		BWT500	500
	BWTR032250	32x25		BWC020	20
	BWTR040015	40x15		BWC025	25
	BWTR040020	40x20		BWC032	32
	BWTR040025	40x25		BWC040	40
	BWTR040032	40x32		BWC050	50
	BWTR050015	50x15			
	BWTR050020	50x20			
	BWTR050025	50x25			
	BWTR050032	50x32			
	BWTR050040	50x40			
	BWTR065025	65x25			
	BWTR065032	65x32			
	BWTR065040	65x40			
	BWTR065050	65x50			
	BWTR080025	80x25			
	BWTR080032	80x32			
	BWTR080040	80x40			
	BWTR080050	80x50			
	BWTR080065	80x65			
	BWTR100040	100x40			
	BWTR100050	100x50			
	BWTR100065	100x65			
	BWTR100080	100x80			
	BWTR125080	125x80			
	BWTR125100	125x100			
	BWTR150065	150x65			
	BWTR150080	150x80			
	BWTR150100	150x100			
	BWTR150125	150x125			
	BWTR200080	200x80			
	BWTR200100	200-100			
	BWTR200125	200x125			
	BWTR200150	200x150			
	BWTR250100	250x100			
	BWTR250125	250x125			
	BWTR250150	250x150			
	BWTR250200	150x200			
	BWTR300150	300x150			
	BWTR300200	300x200			
	BWTR300250	300x250			
	BWTR350200	350x200			
	Code	Size (mm)	Suit Pipe (mm)		
Sockets, Profile 	WBSP015025	15	25		
	WBSP015050	15	50		
	WBSP020050	20	50		
	WBSP025032	25	32		
	WBSP025040	25	40		
	WBSP025050	25	50		
	WBSP025065	25	65		
	WBSP025080	25	80		
	WBSP025100	25	100		
	WBSP025150	25	150		
	WBSP032040	32	40		
	WBSP032050	32	50		
	WBSP032065	32	65		
	WBSP032080	32	80		
	WBSP032100	32	100		
	WBSP032150	32	150		
	WBSP040050	40	50		
	WBSP040065	40	65		
	WBSP040080	40	80		
	WBSP040100	40	100		
	WBSP040150	40	150		
	WBSP050050	50	50		
	WBSP050065	50	65		
	WBSP050080	50	80		
	WBSP050100	50	100		
	WBSP050150	50	150		

HVAC STEEL FITTINGS

	Code	Size (mm)	A (mm)	C (mm)			Code	Size NB (mm)
Sockets Typical 	WBSF006	6	19.3	15.6	Flange Blind Table E 	Flange Slip-On PN16 	FLTEBL015	15
	WBSF008	8	27	18.5			FLTEBL020	20
	WBSF010	10	28	22			FLTEBL025	25
	WBSF015	15	37	27			FLTEBL032	32
	WBSF020	20	39	32.5			FLTEBL040	40
	WBSF025	25	46	39.5			FLTEBL050	50
	WBSF032	32	51	49			FLTEBL065	65
	WBSF040	40	51	56			FLTEBL080	80
	WBSF050	50	60	68			FLTEBL100	100
	WBSF065	65	69	84			FLTEBL125	125
	WBSF080	80	75	98			FLTEBL150	150
	WBSF100	100	87	124			FLTEBL200	200
	WBSF125	125	96	151			FLTEBL250	250
	WBSF150	150	96	178			FLTEBL300	300
							FLTEBL350	350
							FLTEBL400	400
							FLTEBL450	450
							FLTEBL500	500
Flange Slip-On Plate Flat Face Table E 	FLTESO015P	15	Flange Blind PN16 	Flange Blind PN16	Flange Blind PN16	Flange Blind PN16	FL16SO015	15
	FLTESO020P	20					FL16SO020	20
	FLTESO025P	25					FL16SO025	25
	FLTESO032P	32					FL16SO032	32
	FLTESO040P	40					FL16SO040	40
	FLTESO050P	50					FL16SO050	50
	FLTESO065P	65					FL16SO065	65
	FLTESO080P	80					FL16SO080	80
	FLTESO100P	100					FL16SO100	100
	FLTESO125P	125					FL16SO125	125
	FLTESO150P	150					FL16SO150	150
	FLTESO200P	200					FL16SO200	200
	FLTESO250P	250					FL16SO250	250
	FLTESO300P	300					FL16SO300	300
	FLTESO350P	350					FL16SO350	350
	FLTESO400P	400					FL16SO400	400
	FLTESO450P	450						
	FLTESO500P	500						
	FLTESO600P	600						
Flange Forged Face Slip-On Table E 	FLTESO015	15					FL16BL025	25
	FLTESO020	20					FL16BL032	32
	FLTESO025	25					FL16BL040	40
	FLTESO032	32					FL16BL050	50
	FLTESO040	40					FL16BL065	65
	FLTESO050	50					FL16BL080	80
	FLTESO065	65					FL16BL100	100
	FLTESO080	80					FL16BL150	150
	FLTESO100	100					FL16BL200	200
	FLTESO125	125					FL16BL250	250
	FLTESO150	150					FL16BL300	300
	FLTESO200	200					FL16BL400	400
	FLTESO250	250					FL16BL450	450
	FLTESO300	300					FL16BL600	600
	FLTESO350	350						
	FLTESO400	400						
	FLTESO450	450						
	FLTESO500	500						
	FLTESO600	600						

HVAC

UPVC FITTINGS

HVAC UPVC FITTINGS

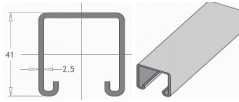
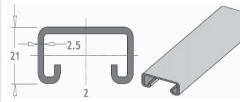
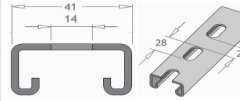
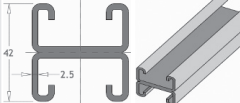
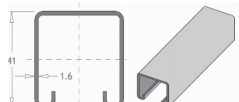
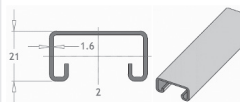
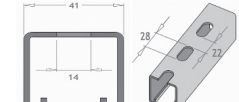
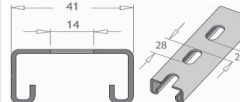
	Code	Size NB (mm)	PN			Code	Size NB (mm)		
PIPE  6 metre lengths	PU800/015E/S	15	15		Reducing Tees	FU805/020X15	20x15x20		
	PU800/020E/S	20	15			FU805/025X15	25x25x15		
	PU800/025E/S	25	15			FU805/025X20	25x25x20		
	PU800/032E/S	32	15			FU805/032X20	32x32x20		
	PU800/040E/S	40	15			FU805/032X25	32x32x25		
	PU800/050E/S	50	12			FU805/040X20	40x40x20		
	PU800/065E/S	65	9			FU805/040X25	40x40x25		
	PU800/080E/S	80	12			FU805/040X32	40x40x32		
PU800/100D/S	80	12			FU805/050X20	50x50x20			
					FU805/050X25	50x50x25			
					FU805/050X32	50x50x32			
					FU805/050X40	50x50x40			
					FU805/080X025	80x25x80			
					FU805/100X050	100x50x100			
					FU805/100X080	100x80x100			
					FU805/175X150	175x150x175			
					FU805/225X150	225x150x225			
90° Elbows 	FU801/015/90	15		Faucet Tees	FU807/015/90	15			
	FU801/020/90	20			FU807/020/90	20			
	FU801/025/90	25			FU807/025/90	25			
	FU801/032/90	32							
	FU801/040/90	40							
	FU801/050/90	50							
	FU801/065/90	65							
	FU801/080/90	80							
	FU801/100/90	100							
	FU801/125/90	125							
	FU801/150/90	150							
	FU801/175/90	175							
	FU801/200/90	200							
	FU801/225/90	225							
	FU801/250/90	250							
	FU801/300/90	300							
45° Elbows 	FU801/015/45	15		Reducing Faucet Tees	FU807/020X015	20X15			
	FU801/020/45	20			FU807/025X015	25X15			
	FU801/025/45	25			FU807/025X020	25X20			
	FU801/032/45	32							
	FU801/040/45	40							
	FU801/050/45	50							
	FU801/065/45	65							
	FU801/080/45	80							
	FU801/100/45	100							
	FU801/125/45	125							
	FU801/150/45	150							
	FU801/175/45	175							
	FU801/200/45	200							
	FU801/225/45	225							
	FU801/250/45	250							
	FU801/300/45	300							
Equal Tees 	FU804/015	15		Faucet Sockets	FU806/015	15			
	FU804/020	20			FU806/020	20			
	FU804/025	25			FU806/025	25			
	FU804/032	32			FU806/032	32			
	FU804/040	40			FU806/040	40			
	FU804/050	50			FU806/050	50			
	FU804/065	65			FU806/065	65			
	FU804/080	80			FU806/080	80			
	FU804/100	100			FU806/100	100			
	FU804/125	125							
	FU804/150	150							
	FU804/175	175							
	FU804/200	200							
	FU804/225	225							
	FU804/250	250							
	FU804/300	300							
							Reducing Bushes	FU824/020X015	20X15
					FU824/025X015			25X15	
					FU824/025X020			25X20	
					FU824/032X025			32X25	
		FU824/040X025	40X25						
		FU824/040X032	40X32						
		FU824/050X025	50X25						
		FU824/050X040	50X40						
				FU824/065X050	65X50				
				FU824/080X050	80X50				
				FU824/080X065	80X65				
				FU824/100X050	100X50				
				FU824/100X080	100X80				
				FU824/125X100	125X100				
				FU824/150X100	150X100				

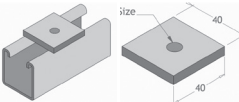
HVAC UPVC FITTINGS

	Code	Size NB (mm)			Code	Size NB (mm)
Reducing Sockets 	FU823/020X015	20x15	Stub Flanges 		FU826/050	50
	FU823/025X015	25x15			FU826/065	65
	FU823/025X020	25x20			FU826/080	80
	FU823/032X020	32x20			FU826/100	100
	FU823/032X025	32x25			FU826/125	125
	FU823/040X020	40x20			FU826/150	150
	FU823/040X025	40x25			FU826/175	175
	FU823/040X032	40x32			FU826/200	200
	FU823/050X025	50x25			FU826/225	225
	FU823/050X032	50x32			FU826/250	250
	FU823/050X040	50x40			FU826/300	300
	FU823/080X050	80x50			FU826/375	375
	FU823/100X080	100x80				
	FU823/150X100	150x100				
Valve Sockets 	FU813/015	15	Connectors 		FU810/015	15
	FU813/020	20			FU810/020	20
	FU813/025	25			FU810/025	25
	FU813/032	32			FU810/032	32
	FU813/040	40			FU810/040	40
	FU813/050	50			FU810/050	50
	FU813/065	65			FU810/065	65
	FU813/080	80			FU810/080	80
	FU813/100	100			FU810/100	100
End Caps, Plain 	FU830/015	15			FU810/125	125
	FU830/020	20			FU810/150	150
	FU830/025	25			FU810/175	175
	FU830/032	32			FU810/200	200
	FU830/040	40			FU810/225	225
	FU830/050	50			FU810/250	250
	FU830/065	65			FU810/300	300
	FU830/080	80				
	FU830/100	100				
End Caps, Threaded 	FU832/015	15	Mech Unions 		FU811/015	15
	FU832/020	20			FU811/020	20
	FU832/025	25			FU811/025	25
	FU832/032	32			FU811/032	32
	FU832/040	40			FU811/040	40
	FU832/050	50			FU811/050	50
	FU832/080	80				
	FU832/100	100				
			Hose Adaptor, Spigot 		FUHOADPTSP/015	15
					FUHOADPTSP/020	20
					FUHOADPTSP/025	25
					FUHOADPTSP/032	32
					FUHOADPTSP/040	40
					FUHOADPTSP/050	50
					FUHOADPTSP/080	80
					FUHOADPTSP/100	100

HVAC

FASTENINGS

STRUTS								
	Code	Size (mm)	Coating			Code	Size (mm)	Coating
	M1000	41x41x2.5	Zinc			M3000	21x21x2.5	Zinc
	M1000	41x41x2.5	Hotdip Galvanised			M3000	21x21x2.5	Hotdip Galvanised
	M1000T	41x41x2.5	Zinc			M3000T	21x21x2.5	Hotdip Galvanised
	M1000T	41x41x2.5	Hotdip Galvanised					
	M1001	82x41x2.5	Zinc			M3001	42x21x2.5	Zinc
	M1001	82x41x2.5	Hotdip Galvanised			M3001	42x21x2.5	Hotdip Galvanised
	M2000	41x41x1.6	Zinc			M4000	21x21x1.6	Zinc
	M2000	41x41x1.6	Hotdip Galvanised					
	M2000T	41x41x1.6	Zinc			M4000T	21x21x1.6	Hotdip Galvanised

WASHERS					
	Code	Bolt Size (mm)		Code	Bolt Size (mm)
Square Washers 	MS1062	8	Flat Round Washers, Zinc 	FW6	6
	MS1063	10		FW8	8
	MS1064	12		FW10	10
	MS1964	16		FW12	12
			Flat Round Washers, Galvanised 	FW8	8
				FW10	10
				FW12	12

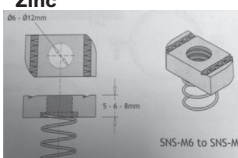
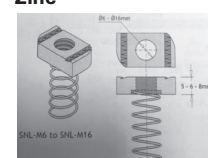
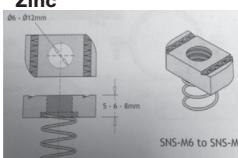
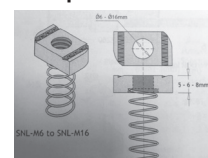
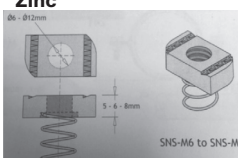
BEAM CLAMPS				
	Code	Bolt Size (mm)		
Beam Clamps 	TKE10	Beam clamp		
	TKE10BP	Beam clamp		
	TKE12	Beam clamp		
	UPC	Beam clamp		

THREADED RODS					
	Code	Size		Code	Size
Threaded Rod, Zinc Plated	TRM6X2	M6	Threaded Rod Joiners, Zinc 	RCM06	M6
	TRM8X2	M8		RCM08	M8
	TRM10X2	M10		RCM10	M10
	TRM12X2	M12		RCM12	M12
Threaded Rod, Galvanized	TRM10X1	M10		RCM16	M16
	TRM12X1	M12			

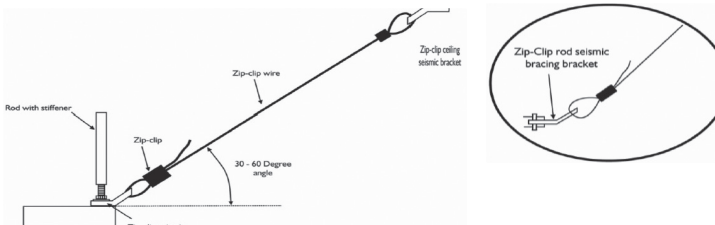
VERTIGO FIXINGS

	Code	Size (mm)		Code	Size (mm)
Vertigo Fixings for Steel 	VERTM10STV	10	Vertigo Fixings for Wood 	VERTM10x25W	10x25
				VERTM10x50W	10x50
Vertigo Fixings for Concrete 	VERTM10C	10			

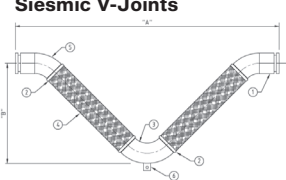
NUTS

	Code	Size (mm)		Code	Size (mm)
Hex Nuts, Zinc 	HN6	6	Spring Nuts, Long, Zinc 	SNLM6	6
	HN8	8		SNLM8	8
	HNFM8	8		SNLM10	10
	HN10	10		SNLM12	12
	HN12	12		SNLM16	16
	HN16	16		SLNM6	6
Hex Nuts, Galvanised 	HN8	8	Spring Nuts, Long, Hotdip Galvanised 	SLNM8	8
	HN10	10		SLNM10	10
	HN12	12		SLNM12	12
	HN16	16		SLNM12	12
Spring Nuts, Short, Zinc 	SNSM6	6		SNLM6	6
	SNSM8	8		SNLM8	8
	SNSM10	10		SNLM10	10
	SNSM12	12		SNLM12	12
				SNLM16	16

CABLE SUSPENSION SYSTEMS

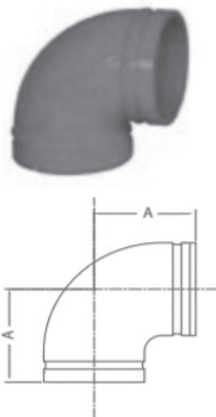
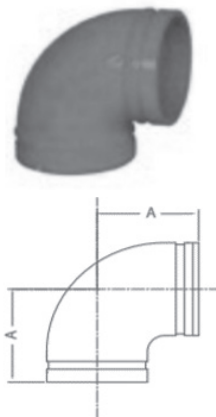
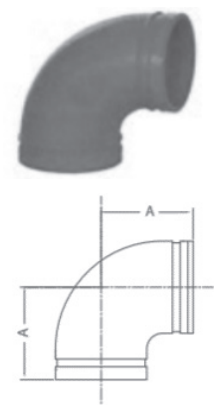
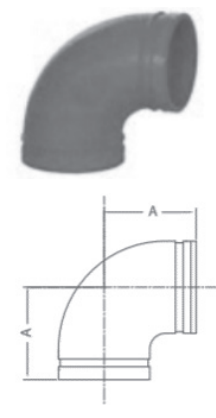
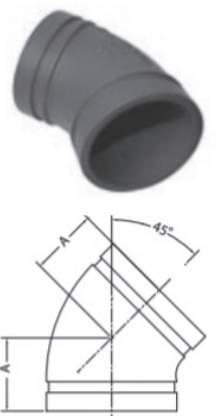
	Code	Specifications
Siesmic Kits Cable Suspension Systems - Complaint to NZS BC-4219 	1607	Zip-Clip Blue Cable Restraint with Bracket and Clip - 2m. 45° - 84kg SWL
	1608	Zip-Clip Blue Cable Restraint with Bracket and Clip - 3m. 45° - 84kg SWL
	1609	Zip-Clip Blue Cable Restraint with Bracket and Clip - 5m. 45° - 84kg SWL
	1610	Zip-Clip Green Cable Restraint with Bracket and Clip - 2m. 45° - 210kg SWL
	1611	Zip-Clip Green Cable Restraint with Bracket and Clip - 3m. 45° - 210kg SWL
	1612	Zip-Clip Green Cable Restraint with Bracket and Clip - 5m. 45° - 210kg SWL

SIESMIC V-JOINTS

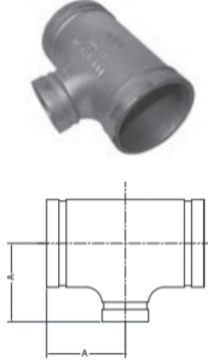
	Code	Size NB (mm)
Siesmic V-Joints 	MBSP	25
	MBSP	40
	MBSP	50
	FLANGED T/ E	63
	FLANGED T/ E	75
	FLANGED T/ E	100
	FLANGED T/ E	150

HVAC

ROLL GROOVE FITTINGS

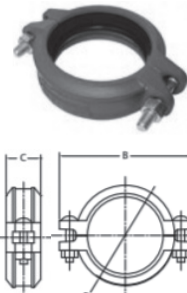
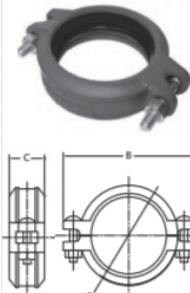
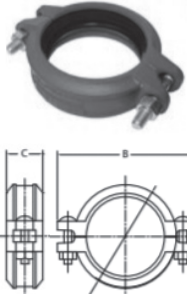
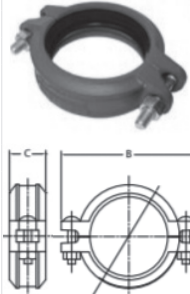
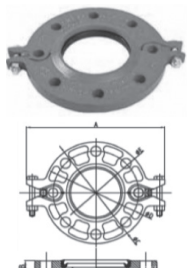
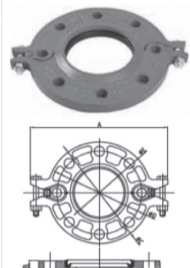
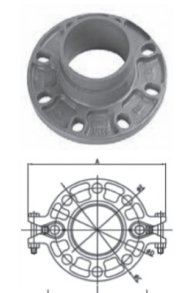
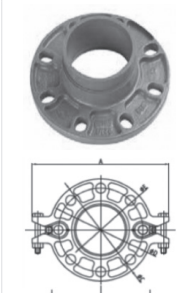
HVAC ROLL GROOVE FITTINGS								
	Code	Size DN (mm)	A (mm)			Code	Size DN (mm)	A (mm)
Roll Groove 90° Elbow Short Radius Painted 	RGE050	50	70	Roll Groove 90° Elbow Short Radius Galvanised 		RGEG050	50	70
	RGE065	65	76			RGEG065	65	76
	RGE080	80	85.5			RGEG080	80	85.5
	RGE100	100	101			RGEG100	100	101
	RGE125	125	140			RGEG125	125	140
	RGE150	150	145			RGEG150	150	145
	RGE200	200	165			RGEG200	200	165
Roll Groove 90° Elbow Long Radius Painted 	RGEL025	25	57	Roll Groove 90° Elbow Long Radius Galvanised 		RGELG025	25	57
	RGEL032	32	70			RGELG032	32	70
	RGEL040	40	70			RGELG040	40	70
	RGEL050	50	82.5			RGELG050	50	82.5
	RGEL065	65	95			RGELG065	65	95
	RGEL080	80	108			RGELG080	80	108
	RGEL100	100	127			RGELG100	100	127
	RGEL125	125	140			RGELG125	125	140
	RGEL150	150	165			RGELG150	150	165
	RGEL200	200	197			RGELG200	200	197
Roll Groove 45° Elbow Painted 	RGEL250	250	229			RGELG250	250	229
	RGEL300	300	254			RGELG300	300	254
	RGE45040	40	44.5	Roll Groove 45° Elbow Galvanised 		RGE45G040	40	44.5
	RGE45050	50	51			RGE45G050	50	51
	RGE45065	65	57			RGE45G065	65	57
	RGE45080	80	63.5			RGE45G080	80	63.5
	RGE45100	100	76			RGE45G0100	100	76
	RGE45125	125	83.5			RGE45G0125	125	83.5
	RGE45150	150	89			RGE45G0150	150	89
	RGE45200	200	108			RGE45G0200	200	108
	RGE450250	250	120.5			RGE45G0250	250	120.5
	RGE45300	300	113			RGE45G0300	300	113

HVAC ROLL GROOVE FITTINGS

	Code	Size DN (mm)	A (mm)			Code	Size DN (mm)	A (mm)
Roll Groove Concentric Reducer, Painted 	RGRC065050	65 - 50	64	Roll Groove Concentric Reducer, Galvanised 		RGRCG065050	65 - 50	64
	RGRC080050	80 - 50	64			RGRCG080050	80 - 50	64
	RGRC080065	80 - 65	64			RGRCG080065	80 - 65	64
	RGRC100050	100 - 80	76			RGRCG100050	100 - 80	76
	RGRC100065	150 - 50	76			RGRCG100065	150 - 50	76
	RGRC100080	150 - 80	76			RGRCG100080	150 - 80	76
	RGRC125080	125 - 80	76			RGRCG125080	125 - 80	76
	RGRC125100	125 - 100	76			RGRCG125100	125 - 100	76
	RGRC150050	150 - 50	102			RGRCG150050	150 - 50	102
	RGRC150065	150 - 65	103			RGRCG150065	150 - 65	103
	RGRC150080	150 - 80	102			RGRCG150080	150 - 80	102
	RGRC150100	150 - 100	102			RGRCG150100	150 - 100	102
	RGRC200150	200 - 150	127			RGRCG200150	200 - 150	127
Roll Groove Eccentric Reducer, Painted 	RGRE065050	65 - 50	89	Roll Groove Eccentric Reducer, Galvanised 		RGREG080065	80 - 65	89
	RGRE080050	80 - 50	89			RGREG100065	100 - 65	102
	RGRE080065	80 - 65	89			RGREG100080	100 - 80	102
	RGRE100050	100 - 50	102			RGREG150080	150 - 80	102
	RGRE100065	100 - 65	102					
	RGRE100080	100 - 80	102					
	RGRE150050	150 - 50	102					
	RGRE150080	150 - 80	102					
	RGRE150100	150 - 100	102					
Roll Groove Equal Tee (STD), Painted 	RGTL040	40	70	Roll Groove Equal Tee (STD), Galvanised 		RGTLG040	40	70
	RGTL050	50	82.5			RGTLG050	50	82.5
	RGTL065	65	95			RGTLG065	65	95
	RGTL080	80	108			RGTLG080	80	108
	RGTL100	100	127			RGTLG100	100	127
	RGTL125	125	140			RGTLG125	125	140
	RGTL150	150	165			RGTLG150	150	165
	RGTL200	200	197			RGTLG200	200	197
	RGTL250	250	229			RGTLG250	250	229
	RGTL300	300	254			RGTLG300	300	254
Roll Groove Reducing Tee (STD), Painted 	RGTR100050	100 - 50	101	Roll Groove Reducing Tee (STD), Galvanised 		RGTRG100050	100 - 50	101
	RGTR100065	100 - 65	101			RGTRG100065	100 - 65	101
	RGTR100080	100 - 80	101			RGTRG100080	100 - 80	101
						RGTRG250100	250 - 100	229
						RGTRG300100	300 - 200	254

HVAC

ROLL GROOVE FITTINGS

HVAC ROLL GROOVE FITTINGS												
	Code	Size DN (mm)	A (mm)	B (mm)	C (mm)			Code	Size DN (mm)	A (mm)	B (mm)	C (mm)
Roll Groove Rigid Coupling Painted 	RGCZ025	25	59	100	44	Roll Groove Rigid Coupling Galvanised 		RGCZG025	25	59	100	44
	RGCZ032	32	66	105	45			RGCZG032	32	66	105	45
	RGCZ040	40	72	112	45			RGCZG040	40	72	112	45
	RGCZ050	50	85	130	45			RGCZG050	50	85	130	45
	RGCZ065	65	101	145	45			RGCZG065	65	101	145	45
	RGZC080	80	115	168	46			RGZCG080	80	115	168	46
	RGCZ100	100	146	200	52			RGCZG100	100	146	200	52
	RGCZ125	125	170	235	52			RGCZG125	125	170	235	52
	RGCZ150	150	198	262	52			RGCZG150	150	198	262	52
	RGCZ200	200	260	342	62			RGCZG200	200	260	342	62
	RGCZ250	250	327	420	63			RGCZG250	250	327	420	63
	RGCZ300	300	370	465	63			RGCZG300	300	370	465	63
RCCZ350	350	415	510	72		RCCZG350	350	415	510	72		
Roll Groove Flexible Coupling Painted 	RGCF025	25	59	100	44	Roll Groove Flexible Coupling Galvanised 		RGCFG025	25	59	100	44
	RGCF032	32	66	105	45			RGCFG032	32	66	105	45
	RGCF040	40	72	112	45			RGCFG040	40	72	112	45
	RGCF050	50	85	130	45			RGCFG050	50	85	130	45
	RGCF065	65	101	145	45			RGCFG065	65	101	145	45
	RGFC080	80	115	168	46			RGCFG080	80	115	168	46
	RGCF100	100	146	200	52			RGCFG100	100	146	200	52
	RGCF125	125	170	235	52			RGCFG125	125	170	235	52
	RGCF150	150	198	262	52			RGCFG150	150	198	262	52
	RGCF200	200	260	342	62			RGCFG200	200	260	342	62
	RGCF250	250	327	420	63			RGCFG250	250	327	420	63
	RGCF300	300	370	465	63			RGCFG300	300	370	465	63
RCCF350	350	415	510	72		RCCFG350	350	415	510	72		
Roll Groove Flange, Painted 	RGF050S	50	211	18.5	150	Roll Groove Flange Galvanised 			50	211	18.5	150
	RGF080S	80	241	18.5	185				80	241	18.5	185
	RGF100S	100	270	18.5	216		RGFG100S	100	270	18.5	216	
	RGF150S	150	346	21.5	280		RGFG150S	150	346	21.5	280	
	RGF200S	200	408	24	335		RGFG200S	200	408	24	335	
Roll Groove Flange Adapter Painted 		50	70	164	127	Roll Groove Flange Adapter Galvanised 		RGFAG050S	50	70	164	127
	RGFA065S	65	70	165	127			RGFAG065S	65	70	165	127
	RGFA080S	80	70	184	146			RGFAG080SS	80	70	184	146
	RGFA100S	100	70	216	178			RGFAG100S	100	70	216	178
	RGFA150S	150	70	280	235			RGFAG150S	150	70	280	235
	RGFA200S	200	102	337	292			RGFAG200S	200	102	337	292