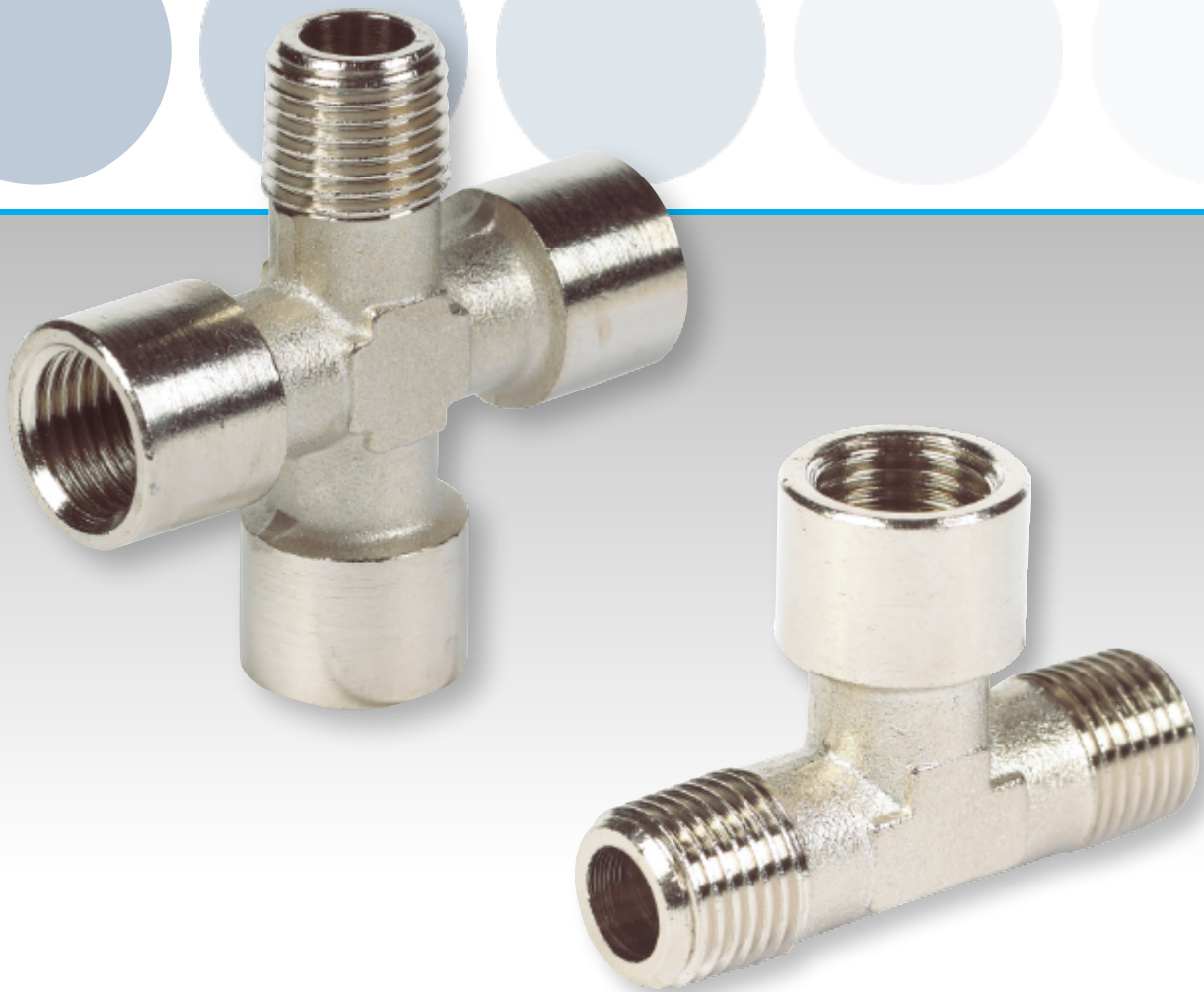


PIPE FITTINGS

TecnAir®

DRIVE & CONTROL TECHNOLOGY



- High Pressure Stainless Steel Series
- Nickel Plated Brass Series
- Compact Design
- High Flow Rates

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Metal Pipe Fittings

Heavy Duty Series

TecAir®



Features

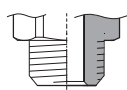
- Compact Design
- Nickel Plated Brass
- High Flow Rates

TECHNICAL DATA

Materials	Nickel Plated Brass (EN-12164 - CW614N), Nickel Plated Zamak (UNI 3717)
Operating Pressure	-0.99 to 16 bar
Operating temperature	-10°C to +80°C
Media	Filtered Compressed Air and Vacuum

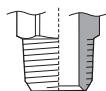
CONNECTING THREADS

PARALLEL/METRIC THREAD



UNI-ISO 228/1
UNI -5542 65

TAPERED MALE THREAD



UNI-ISO 7/1

PARALLEL FEMALE THREAD



UNI-ISO 228/1

Tapered Nipple



Part Number	BSP Male	BSP Male
S10880	R1/8	R1/8
S10840	R1/8	R1/4
S10830	R1/8	R3/8
S10440	R1/4	R1/4
S10430	R1/4	R3/8
S10420	R1/4	R1/2
S10330	R3/8	R3/8
S10320	R3/8	R1/2
S10220	R1/2	R1/2
S10210	R1/2	R3/4
S10110	R3/4	R3/4
S10190	R3/4	R1
S10990	R1	R1

Parallel Nipple



Part Number	BSP Male	BSP Male
S11580	M5	1/8
S11880	G1/8	G1/8
S11840	G1/8	G1/4
S11830	G1/8	G3/8
S11440	G1/4	G1/4
S11430	G1/4	G3/8
S11420	G1/4	G1/2
S11330	G3/8	G3/8
S11320	G3/8	G1/2
S11220	G1/2	G1/2
S11210	G1/2	G3/4
S11110	G3/4	G3/4

Tapered Reducer



Part Number	BSP Male	BSP Female
S14850	R1/8	M5
S14480	R1/4	G1/8
S14380	R3/8	G1/8
S14340	R3/8	G1/4
S14280	R1/2	G1/8
S14240	R1/2	G1/4
S14230	R1/2	G3/8
S14130	R3/4	G3/8
S14120	R3/4	G1/2

Parallel Reducer



Part Number	BSP Male	BSP Female
S15850	G1/8	M5
S15480	G1/4	G1/8
S15380	G3/8	G1/8
S15340	G3/8	G1/4
S15280	G1/2	G1/8
S15240	G1/2	G1/4
S15230	G1/2	G3/8
S15130	G3/4	G3/8
S15120	G3/4	G1/2

Tapered Extension



Part Number	BSP Male	BSP Female
S12880	R1/8	G1/8
S12840	R1/8	G1/4
S12830	R1/8	G3/8
S12480	R1/4	G1/8
S12440	R1/4	G1/4
S12430	R1/4	G3/8
S12420	R1/4	G1/2
S12340	R3/8	G1/4
S12330	R3/8	G3/8
S12320	R3/8	G1/2
S12230	R1/2	G3/8
S12220	R1/2	G1/2
S12210	R1/2	G3/4

Parallel Extension



Part Number	BSP Male	BSP Female
S13580	M5	G1/8
S13880	G1/8	G1/8
S13840	G1/8	G1/4
S13480	G1/4	G1/8
S13440	G1/4	G1/4
S13430	G1/4	G3/8
S13340	G3/8	G1/4
S13330	G3/8	G3/8
S13320	G3/8	G1/2
S13230	G1/2	G3/8
S13220	G1/2	G1/2

Cylindrical Extension



Part Number	BSP Male	BSP Female
S18816	G1/8	G1/8
S18836	G1/8	G1/8
S18427	G1/4	G1/4
S18443	G1/4	G1/4

Elbow M.M.		Part Number	BSP Male
		Z32550	M5
		Z32880	R1/8
		Z32440	R1/4
		Z32330	R3/8
		Z32220	R1/2
		Z32110	R3/4
		Z32990	R1

Elbow M.F.		Part Number	BSP Male	BSP Female
		Z30550	M5	M5
		Z30880	R1/8	G1/8
		Z30440	R1/4	G1/4
		Z30330	R3/8	G3/8
		Z30220	R1/2	G1/2
		Z30110	R3/4	G3/4
		Z30990	R1	G1

Elbow F.F.		Part Number	BSP Female
		Z31550	M5
		Z31880	G1/8
		Z31440	G1/4
		Z31330	G3/8
		Z31220	G1/2
		Z31110	G3/4
		Z31990	G1

Compact Elbow M.F.		Part Number	BSP Male	BSP Female
		S23550	M5	M5
		S23880	R1/8	G1/8
		S23440	R1/4	G1/4

Tee F.F.F.		Part Number	BSP Female
		Z34050	M5
		Z34080	G1/8
		Z34040	G1/4
		Z34030	G3/8
		Z34020	G1/2
		Z34010	G3/4
		Z34090	G1

Tee Central F.M.F.		Part Number	BSP Male	BSP Female
		Z33050	M5	M5
		Z33080	R1/8	G1/8
		Z33040	R1/4	G1/4
		Z33030	R3/8	G3/8
		Z33020	R1/2	G1/2
		Z33010	R3/4	G3/4
		Z33090	R1	G1

Tee M.M.M.		Part Number	BSP Male
		Z35080	R1/8
		Z35040	R1/4
		Z35030	R3/8
		Z35020	R1/2
		Z35010	R3/4
		Z35090	R1

Lateral Tee M.F.F.		Part Number	BSP Male	BSP Female
		Z36050	M5	M5
		Z36080	R1/8	G1/8
		Z36040	R1/4	G1/4
		Z36030	R3/8	G3/8
		Z36020	R1/2	G1/2
		Z36010	R3/4	G3/4
		Z36090	R1	G1

Tee M.F.M.		Part Number	BSP Male	BSP Female
		Z37080	R1/8	G1/8
		Z37040	R1/4	G1/4
		Z37030	R3/8	G3/8
		Z37020	R1/2	G1/2
		Z37010	R3/4	G3/4
		Z37090	R1	G1

Compact Tee M.F.		Part Number	BSP Male	BSP Female
		S24880	R1/8	G1/8
		S24440	R1/4	G1/4

Cross F.F.F.F.



Part Number	BSP Female
Z41080	G1/8
Z41040	G1/4
Z41030	G3/8
Z41020	G1/2

Cross M.F.F.F.



Part Number	BSP Male	BSP Female
Z38080	1/8	1/8
Z38040	1/4	1/4
Z38030	3/8	3/8
Z38020	1/2	1/2

Y F.F.F.



Part Number	BSP Female
Z40880	G1/8
Z40440	G1/4
Z40330	G3/8
Z40220	G1/2

Y F.M.F.



Part Number	BSP Male	BSP Female
Z39880	R1/8	G1/8
Z39440	R1/4	G1/4
Z39330	R3/8	G3/8
Z39220	R1/2	G1/2

Parallel Plug



Part Number	BSP Male
S19050	M5
S19080	G1/8
S19040	G1/4
S19030	G3/8
S19020	G1/2

Female Plug



Part Number	BSP Female
S20080	G1/8
S20040	G1/4
S20030	G3/8
S20020	G1/2

Parallel Plug with O Ring



Part Number	BSP Male
S19058	M5
S19088	G1/8
S19048	G1/4
S19038	G3/8
S19028	G1/2

Tapered Plug



With Socket Head Screw

Part Number	BSP Male
S25080	R1/8
S25040	R1/4
S25030	R3/8
S25020	R1/2

Socket



Part Number	BSP Female
S16050	M5
S16080	G1/8
S16040	G1/4
S16030	G3/8
S16020	G1/2
S16010	G3/4

Reducing Socket



Part Number	BSP Female	BSP Female
S17850	G1/8	M5
S17480	G1/4	G1/8
S17380	G3/8	G1/8
S17340	G3/8	G1/4
S17240	G1/2	G1/4
S17230	G1/2	G3/8
S17120	G3/4	G1/2

4 Way Manifold



Part Number	BSP Female
S22080	G1/8
S22040	G1/4
S22030	G3/8
S22020	G1/2

Female Bulkhead



Part Number	External Thread	BSP Female
FS83050	M10x1	M5
FS83180	M16x1,5	1/8
FS83140	M20x1,5	1/4
FS83380	M26x1,5	3/8
FS83120	M28x1,5	1/2

Taper Hose Tail Long Version



BRASS
(NOT NICKEL PLATED)

Part Number	BSP Taper	Tube ID
BHT2-2TB	R1/8	1/8
BHT2-4TB	R1/4	1/8
BHT3-2TB	R1/8	3/16
BHT3-4TB	R1/4	3/16
BHT4-2TB	R1/8	1/4
BHT4-4TB	R1/4	1/4
BHT4-6TB	R3/8	1/4
BHT4-8TB	R1/2	1/4
BHT5-2TB	R1/8	5/16
BHT5-4TB	R1/4	5/16
BHT5-6TB	R3/8	5/16
BHT5-8TB	R1/2	5/16
BHT6-2TB	R1/8	3/8
BHT6-4TB	R1/4	3/8
BHT6-6TB	R3/8	3/8
BHT6-8TB	R1/2	3/8
BHT6-12TB	R3/4	3/8
BHT8-4TB	R1/4	1/2
BHT8-6TB	R3/8	1/2
BHT8-8TB	R1/2	1/2
BHT8-12TB	R3/4	1/2
BHT8-16TB	R1	1/2
BHT10-6TB	R3/8	5/8
BHT10-8TB	R1/2	5/8
BHT10-12TB	R3/4	5/8
BHT12-6TB	R3/8	3/4
BHT12-8TB	R1/2	3/4
BHT12-12TB	R3/4	3/4
BHT12-16TB	R1	3/4
BHT16-12TB	R3/4	1
BHT16-16TB	R1	1
BHT16-20TB	R1 1/4	1
BHT20-16TB	R1	1 1/4
BHT20-20TB	R1 1/4	1 1/4
BHT24-24TB	R1 1/2	1 1/2
BHT32-32TB	R2	2

Parallel Hose Tail With O-ring



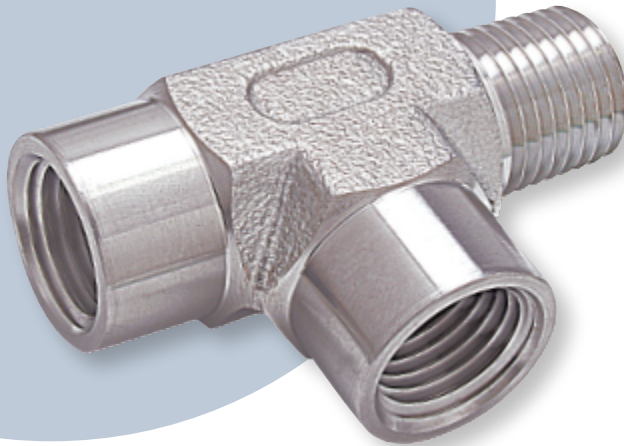
Part Number	BSP Male	Tube OD
S27538	M5	3
S27548	M5	4
S21086	G1/8	6
S21087	G1/8	7
S21088	G1/8	8
S21089	G1/8	9
S21081	G1/8	10
S21046	G1/4	6
S21047	G1/4	7
S21048	G1/4	8
S21049	G1/4	9
S21041	G1/4	10
S21042	G1/4	12
S21044	G1/4	14
S21038	G3/8	8
S21039	G3/8	9
S21031	G3/8	10
S21032	G3/8	12
S21034	G3/8	14
S21037	G3/8	17
S21022	G1/2	12
S21024	G1/2	14
S21027	G1/2	17
S21220	G1/2	20
S21718	G3/4	18
S21720	G3/4	20

Taper Hose Tail Short Version

Pipe Fittings

200 Bar

TecAir®



Features

● High Pressure Series

TecAir high pressure stainless steel pipe fittings are precision engineered to ensure zero leakage under the most arduous high pressure applications from 200bar.

TECHNICAL DATA

Type	Machined stainless steel pipe fittings	
Sizes	G1/8 to G1	
Materials	BAR STOCK	FORGED
	ASTMS A-479 Type 316-SS	ASTMS-A-182 Type 316-SS
	BS970 316-S31	BS970 316-S31
	DIN 4401	DIN 4401
	ASTM A-276 - Type 316-SS	
Working Pressure	From 200bar	
Working Temperature	Calculated in accordance with piping code ANSI B31.1	
Media	Gas, Air & Fluids resistant (compatible with materials above)	
Surface Treatment	Electro Polished to ensure corrosion resistant surface layer of chromium oxide	

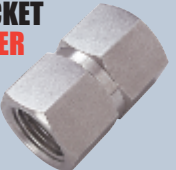
Fittings can be ordered with NPT threads by changing the last digits of the part number from 'RT' to 'N'

HEXAGON NIPPLE TAPER 	BSPT MALE		Part Number
	1/8		NH-2RT
	1/4		NH-4RT
	3/8		NH-6RT
	1/2		NH-8RT
	3/4		NH-12RT
	1		NH-16RT

BARREL NIPPLE TAPER 	BSPT MALE		Part Number
	1/8		NC-125-RT
	1/4		NC-250-RT
	3/8		NC-375-RT
	1/2		NC-500-RT
	3/4		NC-750-RT
	1		NC-1000-RT

HEXAGON REDUCING NIPPLE TAPER 	BSPT MALE	BSP T MALE	Part Number
	1/4	1/8	RHN-4N-2RT
	3/8	1/8	RHN-6N-2RT
	3/8	1/4	RHN-6N-4RT
	1/2	1/8	RHN-8N-2RT
	1/2	1/4	RHN-8N-4RT
	1/2	3/8	RHN-8N-6RT
	3/4	1/4	RHN-12N-4RT
	3/4	3/8	RHN-12N-6RT
	3/4	1/2	RHN-12N-8RT
	1	1/4	RHN-16N-4RT
	1	1/2	RHN-16N-8RT

ADAPTOR TAPER 	BSPT MALE	BSPT FEMALE	Part Number
	1/8	1/8	A-2RT
	1/4	1/4	A-4RT
	3/8	3/8	A-6RT
	1/2	1/2	A-8RT

SOCKET TAPER 	BSPT FEMALE		Part Number
	1/8		CH-2RT
	1/4		CH-4RT
	3/8		CH-6RT
	1/2		CH-8RT

REDUCING BUSH TAPER 	BSPT MALE	BSPT FEMALE	Part Number
	1/4	1/8	BR-4RT-2RT
	3/8	1/4	BR-6RT-4RT
	1/2	1/4	BR-8RT-4RT
	1/2	3/8	BR-8RT-6RT
	3/4	1/2	BR-12RT-8RT
	1	1/2	BR-16RT-8RT

HEXAGON PLUG TAPER 	BSPT MALE		Part Number
	1/8		HHP-2RT
	1/4		HHP-4RT
	3/8		HHP-6RT
	1		HHP-8RT

FEMALE TEE TAPER 	BSPT FEMALE		Part Number
	1/4		FT-4RT
	3/8		FT-6RT
	1/2		FT-8RT

SIDE TEE TAPER 	BSPT MALE	BSPT FEMALE	Part Number
	1/8	1/8	ST-2RT
	1/4	1/4	ST-4RT
	3/8	3/8	ST-6RT
	1/2	1/2	ST-8RT

BRANCH TEE TAPER 	BSPT MALE	BSPT FEMALE	Part Number
	1/8	1/8	BT-2RT
	1/4	1/4	BT-4RT
	3/8	3/8	BT-6RT
	1/2	1/2	BT-8RT

FEMALE CROSS TAPER 	BSPT FEMALE		Part Number
	1/8		CF-2RT
	1/4		CF-4RT
	3/8		CF-6RT
	1/2		CF-8RT
	3/4		CF-12RT
	1		CF-16RT

MALE ELBOW TAPER 	BSPT MALE		Part Number
	1/8		EM-2RT
	1/4		EM-4RT
	3/8		EM-6RT
	1/2		EM-8RT
	3/4		EM-12RT
	1		EM-16RT

MALE FEMALE ELBOW TAPER 	BSPT MALE	BSPT FEMALE	Part Number
	1/8	1/8	SE-2RT
	1/4	1/4	SE-4RT
	3/8	3/8	SE-6RT
	1/2	1/2	SE-8RT
	3/4	3/4	SE-12RT
	1	1	SE-16RT

FEMALE ELBOW TAPER 	BSPT FEMALE		Part Number
	1/8		EF-2RT
	1/4		EF-4RT
	3/8		EF-6RT
	1/2		EF-8RT

PIPE PLUG TAPER 	BSPT MALE		Part Number
	1/8		PP-2RT
	1/4		PP-4RT
	3/8		PP-6RT
	1/2		PP-8RT
	3/4		PP-12RT
	1		PP-16RT



DRIVE & CONTROL TECHNOLOGY



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