

MALE STUD	
CODE	DIMENSION
PC 04-M05	M 5-4
PC 04-M06	M 6-4
PC 04-G01	1/8-4
PC 04-G02	1/4-4
PC 06-M05	M 5-6
PC 06-M06	M 6-6
PC 06-G01	1/8-6
PC 06-G02	1/4-6
PC 06-G03	3/8-6
PC 06-G04	1/2-6
PC 08-G01	1/8-8
PC 08-G02	1/4-8
PC 08-G03	3/8-8
PC 08-G04	1/2-8
PC 10-G01	1/8-10
PC 10-G02	1/4-10
PC 10-G03	3/8-10
PC 10-G04	1/2-10
PC 12-G01	1/8-12
PC 12-G02	1/4-12
PC 12-G03	3/8-12
PC 12-G04	1/2-12
PC 14-G03	3/8-14
PC 14-G04	1/2-14
PC 16-G03	3/8-16
PC 16-G04	1/2-16



MALE STUD



FEMALE STUD

FEMALE STUD	
CODE	DIMENSION
PCF 04-G02	1/4-4
PCF 04-G01	1/8-4
PCF 04-G02	1/4-4
PCF 06-G01	1/8-6
PCF 06-G02	1/4-6
PCF 06-G03	3/8-6
PCF 08-G01	1/8-8
PCF 08-G02	1/4-8
PCF 08-G03	3/8-8
PCF 08-G04	1/2-8
PCF 10-G02	1/4-10
PCF 10-G03	3/8-10
PCF 10-G04	1/2-10
PCF 12-G02	1/4-12
PCF 12-G03	3/8-12
PCF 12-G04	1/2-12

MALE ELBOW	
CODE	DIMENSION
PL 04-M05	M 5-4
PL 04-M06	M 6-4
PL 04-G01	1/8-4
PL 04-G02	1/4-4
PL 06-M05	M 5-6
PL 06-M06	M 6-6
PL 06-G01	1/8-6
PL 06-G02	1/4-6
PL 06-G03	3/8-6
PL 06-G04	1/2-6
PL 08-G01	1/8-8
PL 08-G02	1/4-8
PL 08-G03	3/8-8
PL 08-G04	1/2-8
PL 10-G01	1/8-10
PL 10-G02	1/4-10
PL 10-G03	3/8-10
PL 10-G04	1/2-10
PL 12-G01	1/8-12
PL 12-G02	1/4-12
PL 12-G03	3/8-12
PL 12-G04	1/2-12
PL 14-G03	3/8-14
PL 14-G04	1/2-14
PL 16-G03	3/8-16
PL 16-G04	1/2-16



MALE ELBOW



FEMALE ELBOW

TUBE REDUCER CONNECTOR	
CODE	DIMENSION
PGJ 06-04	6-4
PGJ 08-04	8-4
PGJ 08-06	8-6
PGJ 10-06	10-6
PGJ 10-08	10-8
PGJ 12-08	12-8
PGJ 12-10	12-10



TUBE REDUCER CONNECTOR

FEMALE ELBOW	
CODE	DIMENSION
PLF 04-M05	M 5-4
PLF 04-G01	1/8-4
PLF 04-G02	1/4-4
PLF 06-G01	1/8-6
PLF 06-G02	1/4-6
PLF 08-G01	1/8-8
PLF 08-G02	1/4-8
PLF 08-G03	3/8-8
PLF 10-G01	1/8-10
PLF 10-G02	1/4-10
PLF 10-G04	1/2-10
PLF 12-G04	1/2-12

EXTENDED ELBOW	
CODE	DIMENSION
PLL 06-M05	M5-6
PLL 06-G01	1/8-6
PLL 06-G02	1/4-6
PLL 06-G03	3/8-6
PLL 06-G04	1/2-6
PLL 08-G01	1/8-8
PLL 08-G02	1/4-8
PLL 10-G02	1/4-10
PLL 10-G03	3/8-10
PLL 12-G03	3/8-12
PLL 12-G04	1/2-12



EXTENDED ELBOW

MALE CENTER LEG TEE		
CODE	DIMENSION	
PB 04-M05	M5-4	
PB 04-G01	1/8-4	
PB 04-G02	1/4-4	
PB 06-G01	1/8-6	
PB 06-G02	1/4-6	
PB 06-G03	3/8-6	
PB 08-G01	1/8-8	
PB 08-G02	1/4-8	
PB 08-G03	3/8-8	
PB 08-G04	1/2-8	
PB 10-G01	1/8-10	
PB 10-G02	1/4-10	
PB 10-G03	3/8-10	
PB 10-G04	1/2-10	
PB 12-G02	1/4-12	
PB 12-G03	3/8-12	
PB 12-G04	1/2-12	



MALE CENTER LEG TEE

Y CONNECTOR		
CODE	DIMENSION	
PY 04	4	
PY 06	6	
PY 08	8	
PY 10	10	
PY 12	12	
PY 16	16	



Y CONNECTOR

MALE Y CONNECTOR		
CODE	DIMENSION	
PX 04-M05	M5-4	
PX 04-G01	1/8-4	
PX 04-G02	1/4-4	
PX 06-G01	1/8-6	
PX 06-G02	1/4-6	
PX 06-G03	3/8-6	
PX 06-G04	1/2-6	
PX 08-G01	1/8-8	
PX 08-G02	1/4-8	
PX 08-G04	1/2-8	
PX 10-G01	1/8-10	
PX 10-G02	1/4-10	
PX 10-G03	3/8-10	
PX 10-G04	1/2-10	
PX 12-G02	1/4-12	
PX 12-G03	3/8-12	
PX 12-G04	1/2-12	



MALE Y CONNECTOR

BALL VALVE		
CODE	DIMENSION	
HVFF 04	4	
HVFF 06	6	
HVFF 08	8	
HVFF 10	10	
HVFF 12	12	



BALL VALVE

FLOW CONTROL		
CODE	DIMENSION	
JSU 04	4	
JSU 06	6	
JSU 08	8	
JSU 10	10	
JSU 12	12	



FLOW CONTROL

NPT MALE RUN TEE		
CODE	DIMENSION	
PD 04-M05	M5-4	
PD 04-G01	1/8-4	
PD 04-G02	1/4-4	
PD 06-G01	1/8-6	
PD 06-G02	1/4-6	
PD 06-G03	3/8-6	
PD 08-G01	1/8-8	
PD 08-G02	1/4-8	
PD 08-G03	3/8-8	
PD 08-G04	1/2-8	
PD 10-G02	1/4-10	
PD 10-G03	3/8-10	
PD 10-G04	1/2-10	
PD 12-G02	1/4-12	
PD 12-G03	3/8-12	
PD 12-G04	1/2-12	



NPT MALE RUN TEE

REDUCER		
CODE	DIMENSION	
PG 06-04	06-04	
PG 08-04	08-04	
PG 08-06	08-06	
PG 10-06	10-06	
PG 10-08	10-08	
PG 12-08	12-08	
PG 12-10	12-10	
PG 16-12	16-12	



REDUCER

REDUCING TEE		
CODE	DIMENSION	
PEG 06-04	6-4-6	
PEG 06-08	6-8-6	
PEG 08-04	8-4-8	
PEG 08-06	8-6-8	
PEG 08-10	8-10-8	
PEG 10-08	10-8-10	
PEG 10-12	10-12-10	
PEG 12-08	12-8-12	
PEG 12-10	12-10-12	
PEG 14-12	14-12-14	
PEG 16-12	16-12-16	



REDUCING TEE

EQUAL TEE		
CODE	DIMENSION	
PE 04	4	
PE 06	6	
PE 08	8	
PE 10	10	
PE 12	12	
PE 14	14	
PE 16	16	



EQUAL TEE



EQUAL ELBOW

EQUAL ELBOW		
CODE	DIMENSION	
PV 04	4-4	
PV 06	6-6	
PV 08	8-8	
PV 10	10-10	
PV 12	12-12	
PV 14	14-14	
PV 16	16-16	

STRAIGHT CONNECTOR		
CODE	DIMENSION	
PU 04	4	
PU 06	6	
PU 08	8	
PU 09	9	
PU 10	10	
PU 12	12	
PU 14	14	
PU 16	16	



STRAIGHT CONNECTOR



BULK HEAD CONNECTOR

BULK HEAD CONNECTOR		
CODE	DIMENSION	
PM 04	4	
PM 06	6	
PM 08	8	
PM 10	10	
PM 12	12	
PM 14	14	
PM 16	16	

EQUAL CROSS		
CODE	DIMENSION	
PZA 04	4	
PZA 06	6	
PZA 08	8	
PZA 10	10	
PZA 12	12	



EQUAL CROSS



BLIND PLUG

BLIND PLUG		
CODE	DIMENSION	
PP 04	4	
PP 06	6	
PP 08	8	
PP 10	10	
PP 12	12	

MULTIPLE TEE		
CODE	DIMENSION	
PK 04	4	
PK 06	6	
PK 08	8	



MULTIPLE TEE



MALE BALL VALVE

MALE BALL VALVE		
CODE	DIMENSION	
HVFS 06-G01	1/8-6	
HVFS 06-G02	1/4-6	
HVFS 8-G01	1/8-8	
HVFS 8-G02	1/4-8	
HVFS 8-G03	3/8-8	

SPEED FLOW CONTROL ELBOW		
CODE	DIMENSION	
JSC 04-M05	M5-4	
JSC 04-G01	1/8-4	
JSC 04-G02	1/4-4	
JSC 06-M05	M5-6	
JSC 06-G01	1/8-6	
JSC 06-G02	1/4-6	
JSC 06-G03	3/8-6	
JSC 06-G04	1/2-6	
JSC 08-G01	1/8-8	
JSC 08-G02	1/4-8	
JSC 08-G03	3/8-8	
JSC 08-G04	1/2-8	
JSC 10-G01	1/8-10	
JSC 10-G02	1/4-10	
JSC 10-G03	3/8-10	
JSC 10-G04	1/2-10	
JSC 12-G02	1/4-12	
JSC 12-G03	3/8-12	
JSC 12-G04	1/2-12	



SPEED FLOW CONTROL ELBOW



REDUCER Y

REDUCER Y		
CODE	DIMENSION	
PW 06-04	6-4	
PW 08-06	8-6	
PW 10-08	10-8	
PW 12-10	12-10	



REDUCING MANIFOLD

REDUCING MANIFOLD		
CODE	DIMENSION	
PKB 04-G01	1/8-4	
PKB 04-G02	1/4-4	
PKB 06-G01	1/8-6	
PKB 06-G02	1/4-6	
PKB 06-G03	3/8-6	
PKB 08-G01	1/8-8	
PKB 08-G02	1/4-8	
PKB 08-G03	3/8-8	

45° MALE STUD ELBOW		
CODE	DIMENSION	
PLH 04-M05	M5-4	
PLH 04-G01	1/8-4	
PLH 04-G02	1/4-4	
PLH 06-M05	M5-6	
PLH 06-G01	1/8-6	
PLH 06-G02	1/4-6	
PLH 06-G03	3/8-6	
PLH 06-G04	1/2-6	
PLH 08-G01	1/8-8	
PLH 08-G02	1/4-8	
PLH 08-G03	3/8-8	
PLH 08-G04	1/2-8	
PLH 10-G01	1/8-10	
PLH 10-G02	1/4-10	
PLH 10-G03	3/8-10	
PLH 10-G04	1/2-10	



45° MALE STUD ELBOW



BANJO

BANJO		
CODE	DIMENSION	
PH 04-M05	M5-4	
PH 04-G01	1/8-4	
PH 04-G02	1/4-4	
PH 06-M05	M5-6	
PH 06-G01	1/8-6	
PH 06-G02	1/4-6	
PH 06-G03	3/8-6	
PH 06-G04	1/2-6	
PH 08-G01	1/8-8	
PH 08-G02	1/4-8	
PH 08-G03	3/8-8	
PH 08-G04	1/2-8	
PH 10-G01	1/8-10	
PH 10-G02	1/4-10	
PH 10-G03	3/8-10	
PH 10-G04	1/2-10	

STEM ELBOW		
CODE	DIMENSION	
PLJ 06	6	
PLJ 06-04	6-4	
PLJ 08	8	
PLJ 08-06	8-6	
PLJ 10	10	
PLJ 10-08	10-8	
PLJ 12	12	
PLJ 12-10	12-10	



STEM ELBOW

EMPC MALE STUD		
CODE	DIMENSION	
EMPC 04-05	04-M5	
EMPC 08-601	04-1/8"	
EMPC 04-602	04-1/4"	
EMPC 04-603	04-3/8"	
EMPC 04-604	04-1/2"	
EMPC 06-M5	06-M5	
EMPC 06-601	06-1/8"	
EMPC 06-602	06-1/4"	
EMPC 06-603	06-3/8"	
EMPC 06-604	06-1/2"	
EMPC 08-601	08-1/8"	
EMPC 08-602	08-1/4"	
EMPC 08-603	08-3/8"	
EMPC 08-604	08-1/2"	
EMPC 10-601	10-1/8"	
EMPC 10-602	10-1/4"	
EMPC 10-603	10-3/8"	
EMPC 10-604	10-1/2"	
EMPC 12-602	12-1/4"	
EMPC 12-603	12-3/8"	
EMPC 12-604	12-1/2"	
EMPC 14-603	14-3/8"	
EMPC 14-604	14-1/2"	
EMPC 16-603	16-3/8"	
EMPC 16-604	16-1/2"	



MALE STUD



MALE STUD ELBOW

EMPL MALE STUD ELBOW		
CODE	DIMENSION	
EMPL 04-05	04-M5	
EMPL 08-601	04-1/8"	
EMPL 04-603	04-3/8"	
EMPL 04-604	04-1/2"	
EMPL 06-M5	06-M5	
EMPL 06-601	06-1/8"	
EMPL 06-602	06-1/4"	
EMPL 06-603	06-3/8"	
EMPL 06-604	06-1/2"	
EMPL 08-601	08-1/8"	
EMPL 08-602	08-1/4"	
EMPL 08-603	08-3/8"	
EMPL 08-604	08-1/2"	
EMPL 10-601	10-1/8"	
EMPL 10-603	10-3/8"	
EMPL 10-604	10-1/2"	
EMPL 12-602	12-1/4"	
EMPL 12-603	12-3/8"	
EMPL 12-604	12-1/2"	
EMPL 14-603	14-3/8"	
EMPL 14-604	14-1/2"	
EMPL 16-603	16-3/8"	
EMPL 16-604	16-1/2"	

EMPCF FEMALE STUD		
CODE	DIMENSION	
EMPCF 04-05	04-M5	
EMPCF 08-601	04-1/8"	
EMPCF 04-602	04-1/4"	
EMPCF 04-603	04-3/8"	
EMPCF 04-604	04-1/2"	
EMPCF 06-M5	06-M5	
EMPCF 06-601	06-1/8"	
EMPCF 06-602	06-1/4"	
EMPCF 06-603	06-3/8"	
EMPCF 06-604	06-1/2"	
EMPCF 08-601	08-1/8"	
EMPCF 08-602	08-1/4"	
EMPCF 08-603	08-3/8"	
EMPCF 08-604	08-1/2"	
EMPCF 10-601	10-1/8"	
EMPCF 10-602	10-1/4"	
EMPCF 10-603	10-3/8"	
EMPCF 10-604	10-1/2"	
EMPCF 12-602	12-1/4"	
EMPCF 12-603	12-3/8"	
EMPCF 12-604	12-1/2"	



FEMALE STUD



MALE CENTER LEG TEE

EMPB MALE CENTER LEG TEE		
CODE	DIMENSION	
EMPB 04-05	04-M5	
EMPB 08-601	04-1/8"	
EMPB 04-602	04-1/4"	
EMPB 04-603	04-3/8"	
EMPB 04-604	04-1/2"	
EMPB 06-M5	06-M5	
EMPB 06-601	06-1/8"	
EMPB 06-602	06-1/4"	
EMPB 06-603	06-3/8"	
EMPB 06-604	06-1/2"	
EMPB 08-601	08-1/8"	
EMPB 08-602	08-1/4"	
EMPB 08-603	08-3/8"	
EMPB 08-604	08-1/2"	
EMPB 10-601	10-1/8"	
EMPB 10-602	10-1/4"	
EMPB 10-603	10-3/8"	
EMPB 10-604	10-1/2"	
EMPB 12-602	12-1/4"	
EMPB 12-603	12-3/8"	
EMPB 12-604	12-1/2"	

EMPD MALE RUN TEE

CODE	DIMENSION
EMPD 04-05	04-M5
EMPD 08-601	04-1/8"
EMPD 04-602	04-1/4"
EMPD 04-603	04-3/8"
EMPD 06-M5	06-M5
EMPD 06-601	06-1/8"
EMPD 06-602	06-1/4"
EMPD 06-603	06-3/8"
EMPD 06-604	06-1/2"
EMPD 08-601	08-1/8"
EMPD 08-602	08-1/4"
EMPD 08-603	08-3/8"
EMPD 08-604	08-1/2"
EMPD 10-601	10-1/8"
EMPD 10-602	10-1/4"
EMPD 10-603	10-3/8"
EMPD 10-604	10-1/2"
EMPD 12-602	12-1/4"
EMPD 12-603	12-3/8"
EMPD 12-604	12-1/2"



MALE RUN TEE



SPEED FLOW CONTROL ELBOW

EMPSC SPEED FLOW CONTROL ELBOW

CODE	DIMENSION
EMPSC 04-05	04-M5
EMPSC 08-601	04-1/8"
EMPSC 04-602	04-1/4"
EMPSC 04-603	04-3/8"
EMPSC 04-604	04-1/2"
EMPSC 06-M5	06-M5
EMPSC 06-601	06-1/8"
EMPSC 06-602	06-1/4"
EMPSC 06-603	06-3/8"
EMPSC 06-604	06-1/2"
EMPSC 08-601	08-1/8"
EMPSC 08-602	08-1/4"
EMPSC 08-603	08-3/8"
EMPSC 08-604	08-1/2"
EMPSC 10-601	10-1/8"
EMPSC 10-602	10-1/4"
EMPSC 10-603	10-3/8"
EMPSC 10-604	10-1/2"
EMPSC 12-602	12-1/4"
EMPSC 12-603	12-3/8"
EMPSC 12-604	12-1/2"

EMPU STRAIGHT CONNECTOR

CODE	DIM - Ø mm
EMPU 04	04
EMPU 06	06
EMPU 08	08
EMPU 10	10
EMPU 12	12
EMPU 14	14
EMPU 16	16



STRAIGHT CONNECTOR



ELBOW

EMPV ELBOW

CODE	DIM - Ø mm
EMPV 04	04
EMPV 06	06
EMPV 08	08
EMPV 10	10
EMPV 12	12
EMPV 14	14
EMPV 16	16

EMPE TEE

CODE	DIM - Ø mm
EMPE 04	04
EMPE 06	06
EMPE 08	08
EMPE 10	10
EMPE 12	12



TEE



Y

EMPY Y

CODE	DIM - Ø mm
EMPY 04	04
EMPY 06	06
EMPY 08	08
EMPY 10	10
EMPY 12	12

EMPM BULKHEAD CONNECTOR

CODE	DIM - Ø mm
EMPM 04	04
EMPM 06	06
EMPM 08	08
EMPM 10	10
EMPM 12	12



BULKHEAD CONNECTOR

RPC MALE STUD		
CODE	DIMENSION	
RPC 42-601	4/2-1/8"	
RPC 64M5	6/4-M5	
RPC 64-601	6/4-1/8"	
RPC 64-602	6/4-1/4"	
RPC 64-603	6/4-3/8"	
RPC 64-04	6/4-1/2"	
RPC 86-601	8/6-1/8"	
RPC 86-602	8/6-1/4"	
RPC 86-603	8/6-3/8"	
RPC 86-04	8/6-1/2"	
RPC 108-601	10/8-1/8"	
RPC 108-602	10/8-1/4"	
RPC 108-603	10/8-3/8"	
RPC 108-04	10/8-1/2"	
RPC 1210-602	12/10-1/4"	
RPC 1210-603	12/10-3/8"	
RPC 1210-604	12/10-1/2"	



MALE STUD



MALE STUD ELBOW

RPL MALE STUD ELBOW		
CODE	DIMENSION	
RPL 42-601	4/2-1/8"	
RPL 64M5	6/4-M5	
RPL 64-601	6/4-1/8"	
RPL 64-602	6/4-1/4"	
RPL 64-603	6/4-3/8"	
RPL 64-04	6/4-1/2"	
RPL 86-601	8/6-1/8"	
RPL 86-602	8/6-1/4"	
RPL 86-603	8/6-3/8"	
RPL 86-04	8/6-1/2"	
RPL 108-601	10/8-1/8"	
RPL 108-602	10/8-1/4"	
RPL 108-603	10/8-3/8"	
RPL 108-04	10/8-1/2"	
RPL 1210-602	12/10-1/4"	
RPL 1210-603	12/10-3/8"	
RPL 1210-604	12/10-1/2"	

RPT CENTER LEG TEE		
CODE	DIMENSION	
RPT 64-601	6/4-1/8"	
RPT 64-602	6/4-1/4"	
RPT 64-603	6/4-3/8"	
RPT 86-601	8/6-1/8"	
RPT 86-602	8/6-1/4"	
RPT 86-603	8/6-3/8"	
RPT 86-04	8/6-1/2"	



CENTER LEG TEE



RUN TEE

RPD RUN TEE		
CODE	DIMENSION	
RPD 64-601	6/4-1/8"	
RPD 64-602	6/4-1/4"	
RPD 64-603	6/4-3/8"	
RPD 86-601	8/6-1/8"	
RPD 86-602	8/6-1/4"	
RPD 86-603	8/6-3/8"	
RPD 86-04	8/6-1/2"	

MNSR SPEED FLOW CONTROLLER ELBOW		
CODE	DIMENSION	
MNSR 64-601	6/4-1/8"	
MNSR 64-602	6/4-1/4"	
MNSR 64-603	6/4-3/8"	
MNSR 64-04	6/4-1/2"	
MNSR 86-601	8/6-1/8"	
MNSR 86-602	8/6-1/4"	
MNSR 86-603	8/6-3/8"	
MNSR 86-04	8/6-1/2"	



SPEED FLOW CONTROLLER ELBOW



ELBOW

RPUL ELBOW		
CODE	DIM - Ø mm	
RPUL 64	6/4	
RPUL 86	8/6	

RPUC STRAIGHT CONNECTOR		
CODE	DIM - Ø mm	
RPUC 42	4/2	
RPUC 64	6/4	
RPUC 86	8/6	
RPUC 108	10/8	
RPUC 129	12/9	
RPUC 1210	12/10	



STRAIGHT CONNECTOR



TEE

RPZA EQUAL CROSS		
CODE	DIM - Ø mm	
RPZA 64	6/4	
RPZA 86	8/6	

RPUT TEE		
CODE	DIM - Ø mm	
RPUT 42	4/2	
RPUT 64	6/4	
RPUT 86	8/6	
RPUT 108	10/8	
RPUT 1210	12/10	