

Specifications

Male straight

NPC	NO	4-M5	4-01	4-02	6-M5	6-01	6-02	6-03	8-01	8-02	8-03	8-04	10-02	10-03	10-04	12-02	12-03	12-04
	size	4	4	4	6	6	6	6	8	8	8	8	10	10	10	12	12	12
		M5	1/8"	1/4"	M5	1/8"	1/4"	3/8"	1/8"	1/4"	3/8"	1/2"	1/4"	3/8"	1/2"	1/4"	3/8"	1/2"

Male elbow

NPL	NO	4-M5	4-01	4-02	6-M5	6-01	6-02	6-03	8-01	8-02	8-03	8-04	10-02	10-03	10-04	12-02	12-03	12-04
	size	4	4	4	6	6	6	6	8	8	8	8	10	10	10	12	12	12
		M5	1/8"	1/4"	M5	1/8"	1/4"	3/8"	1/8"	1/4"	3/8"	1/2"	1/4"	3/8"	1/2"	1/4"	3/8"	1/2"

Male branch tee

NPB	NO	4-M5	4-01	4-02	6-M5	6-01	6-02	6-03	8-01	8-02	8-03	8-04	10-02	10-03	10-04	12-02	12-03	12-04
	size	4	4	4	6	6	6	6	8	8	8	8	10	10	10	12	12	12
		M5	1/8"	1/4"	M5	1/8"	1/4"	3/8"	1/8"	1/4"	3/8"	1/2"	1/4"	3/8"	1/2"	1/4"	3/8"	1/2"

Speed controller

NSC	NO	4-M5	4-01	4-02	6-M5	6-01	6-02	6-03	8-01	8-02	8-03	8-04	10-02	10-03	10-04	12-02	12-03	12-04
	size	4	4	4	6	6	6	6	8	8	8	8	10	10	10	12	12	12
		M5	1/8"	1/4"	M5	1/8"	1/4"	3/8"	1/8"	1/4"	3/8"	1/2"	1/4"	3/8"	1/2"	1/4"	3/8"	1/2"

Male run tee

NPD	NO	4-M5	4-01	4-02	6-M5	6-01	6-02	6-03	8-01	8-02	8-03	8-04	10-02	10-03	10-04	12-02	12-03	12-04
	size	4	4	4	6	6	6	6	8	8	8	8	10	10	10	12	12	12
		M5	1/8"	1/4"	M5	1/8"	1/4"	3/8"	1/8"	1/4"	3/8"	1/2"	1/4"	3/8"	1/2"	1/4"	3/8"	1/2"

Female elbow

NPLF	NO	4-M5	4-01	4-02	6-M5	6-01	6-02	6-03	8-01	8-02	8-03	8-04	10-02	10-03	10-04	12-02	12-03	12-04
	size	4	4	4	6	6	6	6	8	8	8	8	10	10	10	12	12	12
		M5	1/8"	1/4"	M5	1/8"	1/4"	3/8"	1/8"	1/4"	3/8"	1/2"	1/4"	3/8"	1/2"	1/4"	3/8"	1/2"

Female straight

NPCF	NO	4-M5	4-01	4-02	6-M5	6-01	6-02	6-03	8-01	8-02	8-03	8-04	10-02	10-03	10-04	12-02	12-03	12-04
	size	4	4	4	6	6	6	6	8	8	8	8	10	10	10	12	12	12
		M5	1/8"	1/4"	M5	1/8"	1/4"	3/8"	1/8"	1/4"	3/8"	1/2"	1/4"	3/8"	1/2"	1/4"	3/8"	1/2"

Single universal elbow

NPH	NO	4-M5	4-01	4-02	6-M5	6-01	6-02	6-03	8-01	8-02	8-03	8-04	10-02	10-03	10-04	12-02	12-03	12-04
	size	4	4	4	6	6	6	6	8	8	8	8	10	10	10	12	12	12
		M5	1/8"	1/4"	M5	1/8"	1/4"	3/8"	1/8"	1/4"	3/8"	1/2"	1/4"	3/8"	1/2"	1/4"	3/8"	1/2"

Extended stud elbow

NPLL	NO	4-M5	4-01	4-02	6-M5	6-01	6-02	6-03	8-01	8-02	8-03	8-04	10-02	10-03	10-04	12-02	12-03	12-04
	size	4	4	4	6	6	6	6	8	8	8	8	10	10	10	12	12	12
		M5	1/8"	1/4"	M5	1/8"	1/4"	3/8"	1/8"	1/4"	3/8"	1/2"	1/4"	3/8"	1/2"	1/4"	3/8"	1/2"

Specifications

S type speed controller



NO	4-M5	4-01	4-02	6-M5	6-01	6-02	6-03	8-01	8-02	8-03	8-04	10-02	10-03	10-04	12-02	12-03	12-04
size	4	4	4	6	6	6	6	8	8	8	8	10	10	10	12	12	12
	M5	1/8"	1/4"	M5	1/8"	1/4"	3/8"	1/8"	1/4"	3/8"	1/2"	1/4"	3/8"	1/2"	1/4"	3/8"	1/2"

Bulkhead female union



NO	4-01	4-02	6-01	6-02	6-03	8-01	8-02	8-03	10-02	10-03	10-04	12-02	12-03	12-04			
size	4	4	6	6	6	8	8	8	10	10	10	12	12	12			
	1/8"	1/4"	1/8"	1/4"	3/8"	1/8"	1/4"	3/8"	1/4"	3/8"	1/2"	1/4"	3/8"	1/2"			

Male equal Y



NO	4-M5	4-01	4-02	6-M5	6-01	6-02	6-03	8-01	8-02	8-03	8-04	10-02	10-03	10-04	12-02	12-03	12-04
size	4	4	4	6	6	6	6	8	8	8	8	10	10	10	12	12	12
	M5	1/8"	1/4"	M5	1/8"	1/4"	3/8"	1/8"	1/4"	3/8"	1/2"	1/4"	3/8"	1/2"	1/4"	3/8"	1/2"

Union elbow



NO	4	6	8	10	12
size	4	6	8	10	12

Standpipe



NO	6-4	8-4	8-6	10-6	10-8
size	6	8	8	10	10
	4	4	6	6	8

Union straight



NO	4	6	8	10	12
size	4	6	8	10	12

Unequal tee



NO	6-4	8-6	10-8	12-10
size	6	8	10	12
	4	6	8	10

Union tee



NO	4	6	8	10	12
size	4	6	8	10	12

Unequal straight



NO	6-4	8-6	10-8	12-10
size	6	8	10	12
	4	6	8	10

Bulkhead union



NO	4	6	8	10	12
size	4	6	8	10	12

Union Y



NO	4	6	8	10	12	
size	4	6	8	10	12	

Unequal Y



NO	6-4	8-6	10-8	12-10
size	6	8	10	12
	4	6	8	10

Specifications

Male straight



Male elbow



Male branch tee



FPC 4-M5	FPC 8-M5	FPC 12-01
FPC 4-M6	FPC 8-M6	FPC 12-02
FPC 4-01	FPC 8-01	FPC 12-03
FPC 4-02	FPC 8-02	FPC 12-04
FPC 6-M6	FPC 8-03	FPC 14-02
FPC 6-M5	FPC 8-04	FPC 14-03
FPC 6-01	FPC 10-01	FPC 14-04
FPC 6-02	FPC 10-02	FPC 16-02
FPC 6-03	FPC 10-03	FPC 16-03
FPC 6-04	FPC 10-04	FPC 16-04

FPL 4-M5	FPL 8-01	FPL 12-03
FPL 4-M6	FPL 8-02	FPL 12-04
FPL 4-01	FPL 8-03	FPL 14-02
FPL 4-02	FPL 8-04	FPL 14-03
FPL 6-M6	FPL 10-01	FPL 14-04
FPL 6-M5	FPL 10-02	FPL 16-02
FPL 6-01	FPL 10-03	FPL 16-03
FPL 6-02	FPL 10-04	FPL 16-04
FPL 6-03	FPL 12-01	
FPL 6-04	FPL 12-02	

FPB 4-M5	FPB 8-01	FPB 12-03
FPB 4-M6	FPB 8-02	FPB 12-04
FPB 4-01	FPB 8-03	FPB 14-02
FPB 4-02	FPB 8-04	FPB 14-03
FPB 6-M6	FPB 10-01	FPB 14-04
FPB 6-M5	FPB 10-02	FPB 16-02
FPB 6-01	FPB 10-03	FPB 16-03
FPB 6-02	FPB 10-04	FPB 16-04
FPB 6-03	FPB 12-01	
FPB 6-04	FPB 12-02	

Male run tee



Male equal Y



Extended stud elbow



FPD 4-M5	FPD 8-01	FPD 12-03
FPD 4-M6	FPD 8-02	FPD 12-04
FPD 4-01	FPD 8-03	FPD 14-02
FPD 4-02	FPD 8-04	FPD 14-03
FPD 6-M6	FPD 10-01	FPD 14-04
FPD 6-M5	FPD 10-02	FPD 16-02
FPD 6-01	FPD 10-03	FPD 16-03
FPD 6-02	FPD 10-04	FPD 16-04
FPD 6-03	FPD 12-01	
FPD 6-04	FPD 12-02	

FPX 4-M5	FPX 8-M5	FPX 12-01
FPX 4-M6	FPX 8-M6	FPX 12-02
FPX 4-01	FPX 8-01	FPX 12-03
FPX 4-02	FPX 8-02	FPX 12-04
FPX 6-M6	FPX 8-03	FPX 14-03
FPX 6-M5	FPX 8-04	FPX 14-04
FPX 6-01	FPX 10-01	FPX 16-03
FPX 6-02	FPX 10-02	FPX 16-04
FPX 6-03	FPX 10-03	
FPX 6-04	FPX 10-04	

FPLL 4-M5	FPLL 8-03	FPLL 16-03
FPLL 4-01	FPLL 8-04	FPLL 16-04
FPLL 4-02	FPLL 10-02	
FPLL 4-03	FPLL 10-03	
FPLL 6-01	FPLL 10-04	
FPLL 6-02	FPLL 12-03	
FPLL 6-03	FPLL 12-04	
FPLL 6-04	FPLL 14-02	
FPLL 8-01	FPLL 14-03	
FPLL 8-02	FPLL 14-04	

Union tee



FPE 4
FPE 5
FPE 6
FPE 8
FPE 10
FPE 12
FPE 14
FPE 16

Union Y



FPY 4
FPY 5
FPY 6
FPY 8
FPY 10
FPY 12
FPY 14
FPY 16

Union elbow



FPV 4
FPV 5
FPV 6
FPV 8
FPV 10
FPV 12
FPV 14
FPV 16

Union elbow



FPU 4
FPU 5
FPU 6
FPU 8
FPU 10
FPU 12
FPU 14
FPU 16

Unequal straight



FPG 54-4
FPG 6-4
FPG 16-5
FPG 18-6
FPG 10-8
FPG 12-10
FPG 14-10
FPG 16-12

Unequal Y



FPN 6-4-4
FPN 8-6-6
FPN 10-8-8
FPN 12-10-10
FPN 14-10-10
FPN 16-12-12

Union cross



FPZ 4
FPZ 5
FPZ 6
FPZ 8
FPZ 10
FPZ 12

Unequal cross



FPHZ 4-6
FPHZ 6-5
FPHZ 6-8
FPHZ 8-10
FPHZ 10-6
FPHZ 10-12

Specifications

Female elbow



Female straight



Male reducer/Triple branch



FPLF 4-M5	FPLF 8-03	FPLF 14-02
FPLF 4-01	FPLF 8-04	FPLF 14-03
FPLF 6-01	FPLF 10-02	FPLF 14-04
FPLF 6-02	FPLF 10-03	FPLF 16-02
FPLF 6-03	FPLF 10-04	FPLF 16-03
FPLF 6-04	FPLF 12-02	FPLF 16-04
FPLF 8-01	FPLF 12-03	
FPLF 8-02	FPLF 12-04	

FPCF 4-M5	FPCF 8-01	FPCF 12-03
FPCF 4-01	FPCF 8-02	FPCF 12-04
FPCF 4-02	FPCF 8-03	FPCF 14-02
FPCF 4-03	FPCF 8-04	FPCF 14-03
FPCF 6-01	FPCF 10-02	FPCF 14-04
FPCF 6-02	FPCF 10-03	FPCF 16-03
FPCF 6-03	FPCF 10-04	FPCF 16-04
FPCF 6-04	FPCF 12-02	

FPKD 4-M5	FPKD 6-03	FPKD 10-03
FPKD 4-M6	FPKD 6-04	FPKD 10-04
FPKD 4-01	FPKD 8-01	FPKD 12-03
FPKD 4-02	FPKD 8-02	FPKD 12-04
FPKD 6-M6	FPKD 8-03	FPKD 14-03
FPKD 6-M5	FPKD 8-04	FPKD 14-04
FPKD 6-01	FPKD 10-01	
FPKD 6-02	FPKD 10-02	

360° Female universal elbow



Single universal elbow



Double universal elbow



Speed controller



S type speed controller



FBHF 4-01	FBHF 10-01	FPH 4-M5	FPH 10-01	FPHW 6-01	FJSC 4-M5	FJSC 8-03	FJSS 6-01	FJSS 10-04
FBHF 4-02	FBHF 10-02	FPH 4-01	FPH 10-02	FPHW 6-02	FJSC 4-01	FJSC 8-04	FJSS 6-02	FJSS 12-02
FBHF 6-01	FBHF 10-03	FPH 4-02	FPH 10-03	FPHW 8-01	FJSC 4-02	FJSC 10-02	FJSS 6-03	FJSS 12-03
FBHF 6-02	FBHF 10-04	FPH 6-M5	FPH 10-04	FPHW 8-02	FJSC 6-M5	FJSC 10-03	FJSS 6-04	FJSS 12-04
FBHF 6-03	FBHF 12-01	FPH 6-01	FPH 12-02	FPHW 8-03	FJSC 6-01	FJSC 10-04	FJSS 8-01	
FBHF 6-04	FBHF 12-02	FPH 6-02	FPH 12-03	FPHW 10-01	FJSC 6-02	FJSC 12-02	FJSS 8-02	
FBHF 8-01	FBHF 12-03	FPH 6-03	FPH 12-04	FPHW 10-02	FJSC 6-03	FJSC 12-03	FJSS 8-03	
FBHF 8-02	FBHF 12-04	FPH 8-01		FPHW 10-03	FJSC 6-04	FJSC 12-04	FJSS 8-04	
FBHF 8-03		FPH 8-02		FPHW 12-02	FJSC 8-01		FJSS 10-02	
FBHF 8-04		FPH 8-03		FPHW 12-03	FJSC 8-02		FJSS 10-03	

Triple branch union



FPKG 4
FPKG 6
FPKG 8
FPKG 10
FPKG 12
FPKG 14

Nipple hand valve



FHVFS 01-01
FHVFS 02-02
FHVFS 03-03
FHVFS 03-02
FHVFS 04-03
FHVFS 04-04

Straight fitting-G thread



FHVFS 6-01	FHVFS 12-02
FHVFS 6-02	FHVFS 12-03
FHVFS 6-03	FHVFS 12-04
FHVFS 8-01	
FHVFS 8-02	
FHVFS 8-03	
FHVFS 10-02	
FHVFS 10-03	
FHVFS 10-04	

Straight speed controller



FPA 4
FPA 6
FPA 8
FPA 10

Union straight



FPAC 4
FPAC 6
FPAC 8
FPAC 10
FPAC 12
FPAC 14

Mini male straight



PCX 4-M5
PCX 4-01
PCX 4-02
PCX 6-M5
PCX 6-01
PCX 6-02
PCX 8-01
PCX 8-02
PCX 8-03

Mini male elbow



PLX 4-M5
PLX 4-01
PLX 6-M5
PLX 6-01

Straight hand valve



FHVFF 4
FHVFF 06
FHVFF 08
FHVFF 10
FHVFF 12
FHVFF 14