The Ultimate Glossary Of Sanitary Fitting Nomenclature

Here at Rodem, we will assist you with every step of your sanitary process operations. Use this quick reference sheet to dissect the sanitary fitting part numbers.

GENERAL FITTING NOMENCLATURE

- Initial Letter B: BioProcessing Equip STD
- Number Type: Ell, Tee, Adapter, etc.
- End Type: W=weld, M=ferrule, mp
- Size: in inches or 100s of inch (1/2" = 50)
- Material: 304, 316, AL6XN

Fitting Number Designation

Adapters
Clamp/End
M NPT/W
F NPT/TC
M NPT/TC
Thermowell
Number 17
Number 19
Number 22
Number 21
Number 23

Reducers
Concentric:
Ecentric:
Flanges:
Number 31
Number 32
Number 38

Elbows:
C is a 90 degree bend
K is a 45 degree bend
Number 2

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Tees: Number 7
Crosses: Number 9
Clamps: Number 13

Ferrules:
Male: Number 14
Female: Number 15
End Caps: Number 16

End Type Designation

B After number=Bevel Seat
W Weld
M Ferrule
MP All Ends Ferrule
R Reducing (Tee, Ferrule, Lateral)
V Schedule 5
X Schedule 10
NPT National Pipe Thread

Tee: Left, Right, Top (i.e. WMM)
Cross: Left, Right, Top, Bottom (i.e. MMWT)
Lateral: Left, Right, Lateral (i.e. WWM)
Y: Bottom, Branch, Branch (i.e. MTP)

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Ferrule Designations

Clamp Systems
M/S/Clamp: Tri-Clamp
I/Z/EYE: I Line (Flat Loose Gasket) Wide Clamp
HI: Thin I Line (Uses I Line Gasket) (Tri-Clamp Clamp)
Q: Q Line (Tri-Clamp Clone Thicker Ferrules)

Threaded Systems
B/BS: Bevel Seat (Gasket Loose)
JP: John Perry (Gasket Fits Over Male End)
APC/APV/K: APV Fitting (Gasket Fits Into Threaded Nut)
DC: Similar to APC (Gasket Lower Profile)