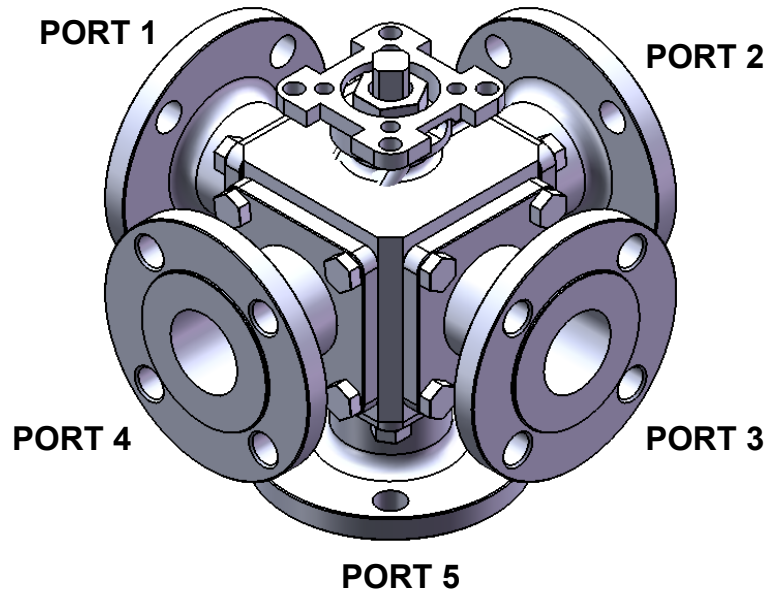
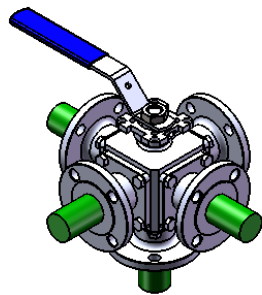


MULTI PORT VALVE REFERENCE DIAGRAM

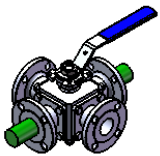
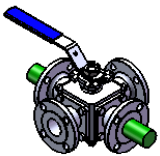

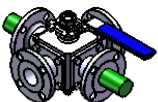
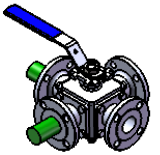


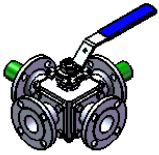
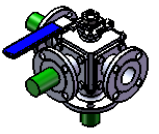
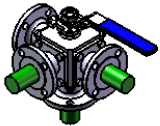
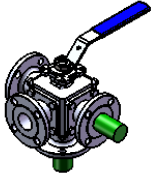
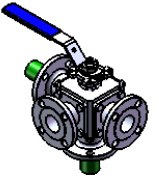
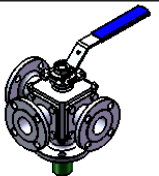
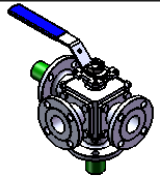

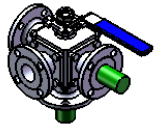
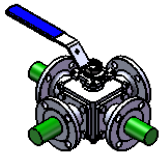

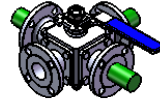
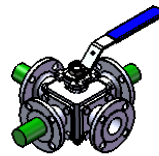
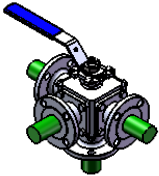
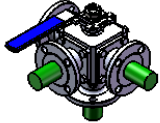
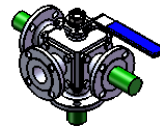
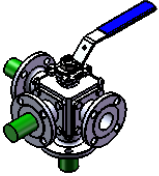
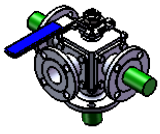
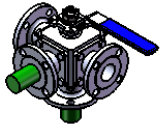
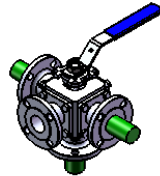
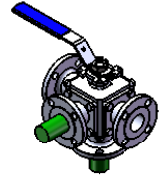
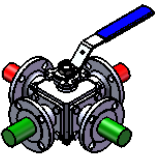
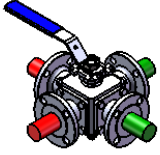

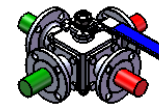


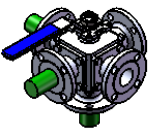

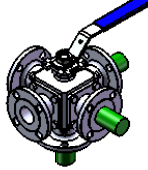
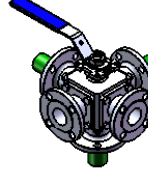
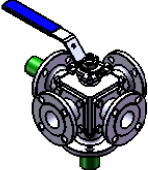
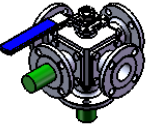
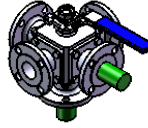
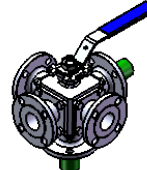
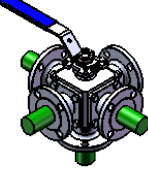


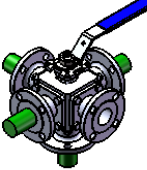
EXAMPLE: A SERIES 53 (5-WAY) VALVE SPECIFIED WITH A "TT" PORT AND "U" ARRANGEMENT IN BALL POSITION "1" WILL HAVE FLOW PATHS OPEN AT PORTS 1,3, 4, AND 5.



SERIES 53 (5-WAY) WITH A "TT" PORT AND "U" ARRANGEMENT SHOWN IN BALL POSITION "1"

3-WAY (33 SERIES)		POSITION			
PORT	ARRANGEMENT	1	2	3	4
L	L				
LL	M				
LL	N				
VL	O				
VL	P				
T	T				
TT	U				
TT	S				
VT	V				
VT	W				

4-WAY (43 SERIES)		POSITION			
PORT	ARRANGEMENT	1	2	3	4
I	I				
L	L				
LL	M				
VL	O				
T	T				
TT	U				
VT	V				
X	X				

5-WAY (53 SERIES)		POSITION			
PORT	ARRANGEMENT	1	2	3	4
LL	M				
VL	O				
TT	U				
VT	V	