

# Cylinder valve connection types

THREAD		THREAD	
FRANCE	AFNOR	GERMANY	DIN 477-1
		No. 1	W 21.80 x 1/14" a left
AFNOR C	IS 21.7 x 1.814 a	No. 3	Connection for brace stirrup
AFNOR E	IS 21.7 x 1,814 a	No. 5	W 1" a left
AFNOR F	IS 22.91 x 1.814 i	No. 6	W 21.80 x 1/14" a right
AFNOR G	IS 26 x 1.5 i	No. 7	G 5/8" a right
AFNOR H	W 22.91 x 1.814 i	No. 8	W 1" a right
AFNOR J	W 25.4 x 3.175 a	No. 9	G 3/4" a right
AFNOR K	W 27.0x2.0 (not flammable)	No. 10	W 24.32 x 1/14" a right
AFNOR P	W 27.0 x 2.0 (oxidizing)	No. 11	G 3/8" a right
		No. 13	G 5/8" i right
		No. 14	M19 x 1,5 left
GB	BS341	GERMANY	DIN 477-5
BS341 No 3	G 5/8" BSPF	No. 54	W30x2 RH 300 bar inert gas / nitrogen
BS341 No 4	G 5/8" BSPF	No. 59	W30x2 RH 300 bar oxygen
BS341 No 6	G 5/8" BSPM	No. 56	W30x2 RH 300 bar compressed air
BS341 No 7	G 5/8" BSPM	No. 57	W30x2 LH 300 bar burnable gas
BS341 No 8	W 0.860" a		
BS341 No 10	G 1/2" BSPM		
BS341 No 12	G 1/2" BSPM		
BS341 No 15	G 3/8" BSPM		
USA	CGA		
CGA 320	0.825" 14 NGO a (flat connection fitting)		
CGA 330	0.825" 14 NGO a (flat connection fitting)		
CGA 350	0.825" 14 NGO a (rounded connection fitting)		
CGA 580	0.965" NGO i		
CGA 660	1.030" 14 NGO a (incumbent blinding)		
CGA 670	1.030" 14 NGO a (incumbent binding)		
CGA 678	1.030" 14 NGO a		

## Legend:

**AFNOR** = Association Française de Normalisation  
**BSPF** = British Standard Innengewinde  
**BSPM** = British Standard Aussengewinde  
**CGA** = Compressed Gas Association – US Standard  
**G** = Gas thread

**JIS** = Japanese Industrial Standard  
**M** = Metric threads  
**NGO** = National Gas Outlet  
**W** = Whitworth Gewinde