



Flange Connections

ANSI B 16.5, 150lbs

The T4E series is designed and developed with the latest technology and therefore very suitable for the chemical process industries and available in the ANSI Class 150 & 300 as well DIN Class PN16 and a max. temperature of 204°C. The T4E lined plug valves provide maximum corrosion resistance and the elimination of product contamination at reasonable costs.

PFA body liner is well anchored against the body by mean of machined and cast T-slots and the solid encapsulated/anchored PFA-plug liner material ensures a strong adhesion. This makes the T4E series so suitable for extreme service and vacuum conditions.

A large sealing surface guarantees a bubble-tight shut-off.

A secondary dynamic self adjusting, self-energized PFA\* reverse lip diaphragm prevents stem leakage.

You never replace valve seats; you only reseal the plug with a quick and easy in-line adjustment.

Standard material of construction is Ductil Cast Iron, however, stainless steel valve bodies can be make available upon request.

\*Optional stainless steel diaphragm support.

### Materials List

No.	Description	Material
010	body	ductile cast iron (EN-JS1049/ASTM A395) PFA lined
020	plug	ductile cast iron (EN-JS1049/ASTM A395) PFA lined
040	diaphragm	TFM (PFA*)
050*	metal diaphragm	stainless steel - 302
060	thrust gland	machining steel - 1.0718
070	grounding spring	stainless steel - 302
080	top cap	ductile cast iron (EN-JS1049/ASTM A395)
090	adjuster bolt	ASTM A193 grade B7
100	top cap bolt	ASTM A193 grade B7
110	stop	stainless steel ASTM A351/A744 grade CF-8M (316 SS)
120	stop fastener	stainless steel - 1.4301
130	stop collar	carbon steel, protective plated
140	stop collar retainer	stainless steel - 302
150	wrench	ductile cast iron (EN-JS1082/ASTM A536)
180	washer	stainless steel - 1.4301
190	hexagon bolt	stainless steel - 1.4301

\* optional

### Dimensions - mm.

Size	ANSI	L	H	R	Weight (kg)	Alpha Code	Stock Item
½"	150#	108	139	260	3.7	V24E150201	✓
¾"	150#	117.5	139	260	4.1	V24E150202	✓
1"	150#	127	139	260	4.9	V24E150203	✓
1½"	150#	165	145	260	7.4	V24E150204	✓
2"	150#	178	165	410	11.3	V24E150205	✓
3"	150#	203	179	410	17.5	V24E150207	✓
4"	150#	229	222	674	31.1	V24E150208	✓
6"	150#	267	-	-	43.2	V24E150209	✓

available in size ½" through 12"

