## Floats: VA../TT../BN

The standard floats listed below have less weight, are shorter and versatile; they replace all versions built so far.

In case of the ../15 version (with M3 plug) the optimum immersion depth of 150 mm can be trimmed exactly to the density of the medium by filling them with silica sand or lead shot.

The required total weight of the float is calculated by means of the following formula:

283 x  $\mu$  (density) of the medium = weight in g

The ../20 versions are vented floats with automatic condensate discharge (VAE) for pressures above 40 bar.

## **Floats**

Туре	Material	LS [mm]	P max [bar]	T max [°C]	Weight [g]	Volume [cm <sup>3</sup> ]	g min ** [g/cm <sup>3</sup> ]	Extras
VA 50/10	1.4571	200	25	150	205	360	0.62	
VA 50/15*	1.4571	200	25	150	207	360	0.63	With M4 plug
TT 50/10	Titanium	200	40	320	202	360	0.56	
TT 50/15*	Titanium	200	40	320	202	360	0.57	With M4 plug
TT 50/20	Titanium	200	VAE	320	210	360	0.6	With VAE tube
VA 30/02	1.4571	200	16	150	104	141	0.85	Only BNA-S21/S22
TT 30/02	Titanium	200	25	150	102	141	0.85	Only BNA-S21/S22
TT 30/03	Titanium	200	25	320	103	141	0.86	Only BNA-S21/S22
BN 32/100	Buna N	100	10	90	51	78,4	0.75	Oil up to 110 °C (only BNA-S21/S22)

\* To enable adjustment of the float weight to the medium, the medium density (g) must be stated in the order.

\*\* The min. density relates to a float immersion depth of 175 mm (or 87.5%). The ideal immersion depth of the 200-floats is 150 mm, but an immersion depth of 175 mm is absolutely sufficient for most applications. Only in very viscous or dirty media a "residual buoyance" of 25 mm only is not recommended.

For media with very low density, such as some hydrocarbons, special floats are available.