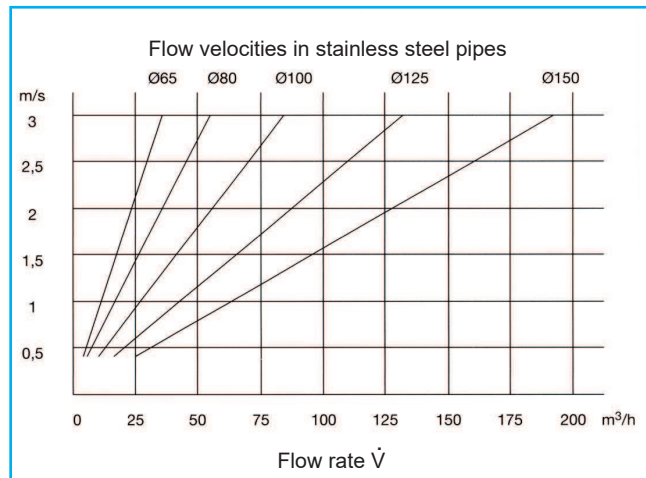
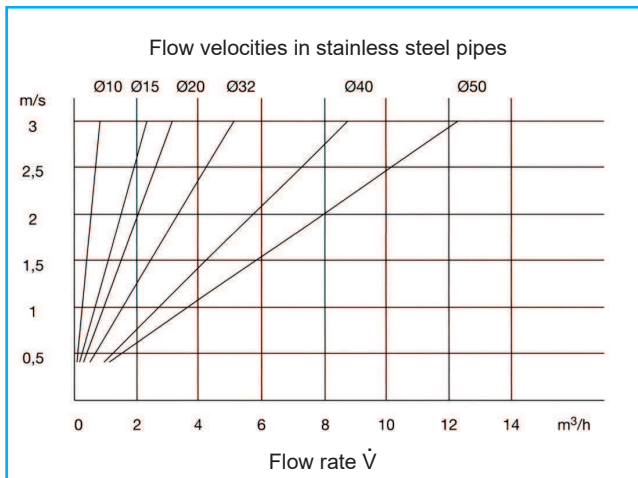


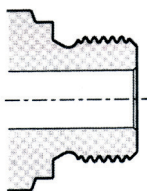
Medium/Liquid	Flow velocity (m/s)	
	Pressure pipe	Suction pipe
Water	1.5 - 3.0	1.0 - 1.5
Cleaning detergent	1.5 - 3.0	1.0 - 1.5
Milk	2.0 - 3.0	1.0 - 2.0
Cream	1.0 - 2.0	0.7 - 1.0
Yoghurt	1.0 - 1.5	0.5 - 0.2
Carbonated soft drinks	0.5 - 1.0	
Slurry	1.2 - 1.5	
Condiment	1.5 - 2.0	
Compressed air	up to 15.0	up to 6.0
Control air	2.0 - 5.0	

Points of reference for flow velocities in stainless steel pipes

This chart lists practice ratios. We recommend to calculate with lower velocities for long pipes, as well as low pressures.



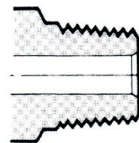
Most Common Thread Types in Nozzle Technology



G - Cylindrical thread

ISO 228

Non-sealing thread,
Cylindrical female and male thread,
Thread angle 55°



R - Conic thread

DIN 2999

Sealing thread,
Cylindrical female thread,
Cone-shaped male thread,
Thread angle 55°

NPT - Conic thread

American pipe thread for self-sealing connections,
Cone-shaped female and male thread,
Thread angle 60°,
With slightly different pitches per inch in comparison to R-threads

Determining a male thread diameter

G or R	1/16"	1/8"	1/4"	3/8"	1/2"	3/4"	1"
Thread length in mm. R + NPT	5	7	10	10	13	15	17
D - Ø in mm	7.7	9.7	13.1	16.6	20.9	26.4	33.2
Corresp. to DN	4	6	8	10	14	20	25
Full-scale thread size							