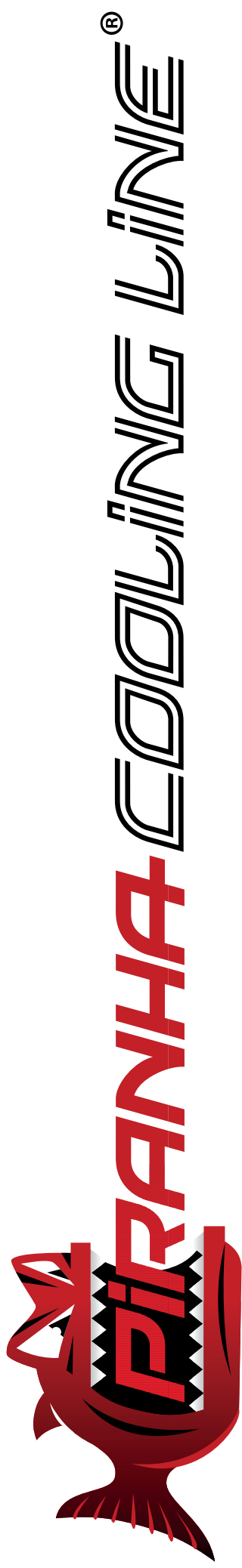
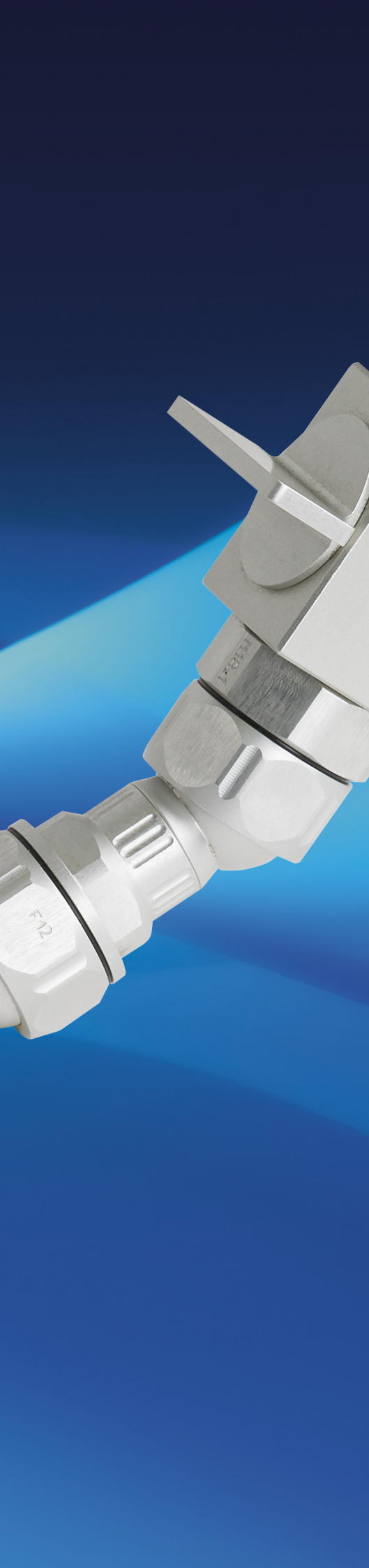


For extreme Cooling...







The patented

Piranha-cooling line

solves all cooling problems while editing on chip generating machines.

- fits on all standard tool holders*
- is flexibly and variably applicable (1/2 to 1/4 inch)*
- withstands pressures up to 80 bar*
- versatile use (blowing out chucks, vacuum brazing, etc.)*
- cost-effective acquisition*
- long lifespan thanks to anodic coating*
- light weight*
- new design*
- 100% Swiss made®*





NEW ARTICLE CoolingLine 1/4" small












June 2016

Article No.	Name	Description	Symbol
RD-12.5-1.5	Round nozzle Ø1.5 mm	Round nozzle Ø12.5 passage Ø1.5	
RD-12.5-7/1.5	Round nozzle 1/4" multihole	Round nozzle Ø12.5 with 7 holes at 1.5 mm for more precisiuous jet	
D-SW16	Cap SW16	Cap 1/4"	
GA-M8	Threaded connector M8	Threaded connector single-sided with ball socket M8	
GA-M8-L	Threaded connector M8 long	Threaded connector single-sided with ball socket M8 - 30 mm long	
GA-M10	Threaded connector M10	Threaded connector single-sided with ball socket M10	
GA-R1/8"L	Threaded connector R1/8"	Threaded connector single-sided with ball socket R1/8" - 38 mm	
GA-R	Threaded connector blank	Threaded connector single-sided with ball socket other side blank	

NEW ARTICLE CoolingLine 1/2" large


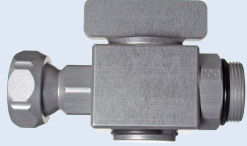







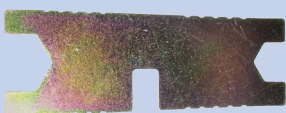
June 2016

Article No.	Name	Description	Symbol
RD-22-12-19/2.0	Round nozzle 1/2" multihole	Round nozzle with 19 holes at 2.0 mm	
SDK-22/60°	Special nozzle mm 60° short	Special nozzle short with 60° exit angle / passage 7 x 2.5 mm	
SDL-22/60°	Special nozzle mm 60° long	Special nozzle long with 60° exit angle / passage 7 x 2.5 mm	
SDK-22/90°	Special nozzle mm 90° short	Special nozzle short with 90° exit angle / passage 7 x 2.5 mm	

SDL-22/90°	Special nozzle mm 90° long Ø 2.5	Special nozzle long with 90° exit angle / passage 7 x 2.5 mm	
Y-1/2"	Y-distributor	Y-distributor with ball and nut with 2 exit 1/2"	
Y-1/2"-1/4"	Y-distributor	Y-distributor with ball and nut with 2 exit to 1/4"	
D-SW27	Cap SW27	Cap 1/2"	
FD-22-30	Flat nozzle 30	Flat nozzle with ball connection and nut	
FD-22-40	Flat nozzle 40	Flat nozzle with ball connection and nut	
FD-22-50	Flat nozzle 50	Flat nozzle with ball connection and nut	
FD-22-60	Flat nozzle 60	Flat nozzle with ball connection and nut	
FD-22-80	Flat nozzle 80	Flat nozzle with ball connection and nut	
FD-22-100	Flat nozzle 100	Flat nozzle with ball connection and nut	
FD-22-120	Flat nozzle 120	Flat nozzle with ball connection and nut	

1/4 Inch

D-12.5/28	Spacer 28mm with ball and nut	
D-12.5/43	Spacer 43mm with ball and nut	
D-12.5/70	Spacer 70mm with ball and nut	
RD-12.5-3.5	Round nozzle Ø3.5mm Round nozzle Ø12.5 passage Ø3.5	
RD-12.5-4.5	Round nozzle Ø4.5mm Round nozzle Ø12.5 passage Ø4.5	
RD-12.5-5.5	Special nozzle Ø1.8mm / 90° short Special nozzle Ø12.5 / Ø5.0 / 7xØ1.8-90° passage Ø5.5	
SDK-12.5/90°	Special nozzle Ø1.8mm / 90° short Special nozzle Ø12.5 / Ø5.0 / 7xØ1.8-90° passage Ø5.5	
SDL-12.5/90°	Special nozzle Ø1.8mm / 90° long Special nozzle Ø12.5 / Ø5.0 / 7xØ1.8-90° length 30 passage Ø5.5	
SDK-12.5/60°	Special nozzle Ø1.8mm / 60° short Special nozzle Ø12.5 / Ø5.0 / 7xØ1.8-60° passage Ø5.5	
SDL-12.5/60°	Special nozzle Ø1.8mm / 60° long Special nozzle Ø12.5 / Ø5.0 / 7xØ1.8-60° length 30 passage Ø5.5	
L-12.5	90° elbow with ball and nut	
Quatro-12.5	Quatro distribution block 90° with ball and nut	

T-12.5	<i>T-distributor with ball and nut</i>	
Y-12.5	<i>Y-distributor with ball and nut</i>	
H-12.5	<i>Ball valve 1/4" with ball and nut</i>	
M-SW16	<i>Nut SW16 with ball socket SW16x7</i>	
GA-M12x1	<i>Threaded connector M12x1 single-sided with ball socket M12x1</i>	
GA-1/4"	<i>Threaded connector 1/4" cyl. single-sided with ball socket 1/4" cyl.</i>	
GA-1/4" NPT	<i>Threaded connector 1/4" NPT single-sided with ball socket 1/4" NPT</i>	
GA-1/8" NPT	<i>Threaded connector 1/8" NPT single-sided with ball socket 1/8" NPT</i>	
GA-1/8"	<i>Threaded connector 1/8" cyl. single-sided with ball socket 1/8"</i>	
GA-M10x1	<i>Threaded connector M10x1 single-sided with ball socket M10x1</i>	
Ring 12.5	<i>O-ring 1/4"</i>	
S-11/16	<i>Hexagon wrench SW11 / SW16</i>	

1/2 Inch

D-22-46.5	Spacer 46.5 mm with ball and nut	
D-22-63	Spacer 63.5mm with ball and nut	
D-22-80	Spacer 80mm with ball and nut	
RD-22-6	Round nozzle Ø6mm Round nozzle Ø22.25 passage Ø6	
RD-22-8	Round nozzle Ø8mm Round nozzle Ø22.25 passage Ø8	
RD-22-10	Round nozzle Ø10mm Round nozzle Ø22.25 passage Ø10	
L-1/2"	90 ° elbow with ball and nut	
T-1/2"	T-distributor with ball and nut	
Y-1/2"	Y-distributor with ball and nut	
H-22	Ball valve 1/2" with ball and nut	
M-SW27	Nut SW27 with ball socket SW27x10.5	
GA-22-3/8" NPT	Threaded connector 3/8" NPT single-sided with ball socket 3/8" NPT	

GA-22-3/8" Threaded connector 3/8"
single-sided with ball socket 3/8"



GA-22-1/2" NPT Threaded connector 1/2" NPT
single-sided with ball socket 1/2" NPT



Ring 22 O-ring 1/2"



S-21/27 Hexagon wrench
SW21 / SW27





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