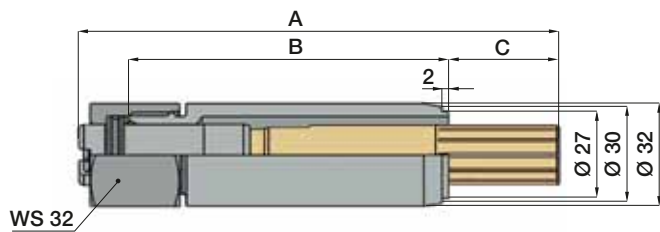
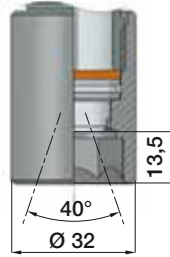


NUT	VAW A075 B1								
NIPPLE	ZWA 0032 B2			ZWA 0039 B2			ZWA 0080 B2		
STABILIZER	A	B	C	A	B	C	A	B	C
XHW DG10 T1	115	32	67	115	39	61	115	80	20
XHW DG11 T1	135	32	87	135	39	81	135	80	40
XHW DG20 T1	149	32	101	149	39	95	149	80	54
XHW DG21 T1	169	32	121	169	39	115	169	80	74
XHW DG22 T1	189	32	141	189	39	135	189	39	94

A = Complete Descaling unit Length (mm)
B = Welding Nipple Length (mm)
C = Flow Straightener Protrusion (mm)



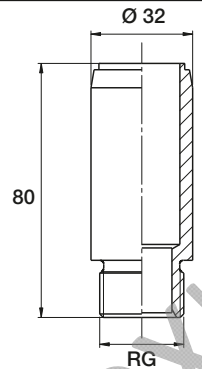
NUT VAW C075 B1



ZWA

WELDING NIPPLES

HW small size nozzles can be assembled on a variety of welding nipples, with same inlet, and different lengths. The precision machined nipple inlet port assures precise positioning of the nozzle flat fan jet to the specified offset angle value of 15° with regard to manifold center line. This makes possible to obtain uniform impact distribution yielding better decaling results.



MATERIALS

B2 Stainless steel AISI 304

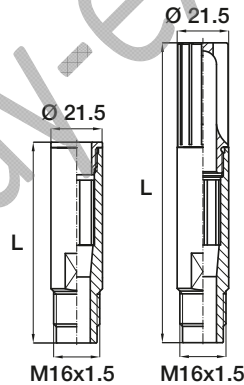
Code	RG inch	L mm	Weight Kg
ZWA 0032 B2	3/4	32	0.08
ZWA 0039 B2	3/4	39	0.10
ZWA 0080 B2	3/4	80	0.23



XHW

FLOW STABILIZER

The flow stabilizer is a critical component for proper decaling, by reducing flow turbulence losses, a larger fraction of the water flow energy can be used for generating impact on the surface to be descaled. The design consists of a cylindrical brass body with a polished inner surface, housing a cast stainless steel flow stabilizer which straightens the liquid path to minimize turbulences. Different length nipples are available, with or without inlet filter. The codes always include a multifin flow straightener.



MATERIALS

T1	Body	Brass
	Filter	Brass
B3	Flow stabilizer	Stainless steel AISI 316

Code	L mm	Weight Kg	Notes
XHW DG 10 T1	76	0.08	without filter
XHW DG 11 T1	96	0.10	without filter
XHW DG 20 T1	110	0.11	with filter
XHW DG 21 T1	130	0.14	with filter
XHW DG 22 T1	150	0.16	with filter

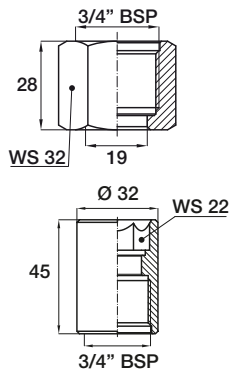


VAW A075 B1

VAW C075 B1

LOCKNUTS

The VAW A075 B1 and VAW C075 B1 locknuts for ZWA series descaling nipples have been designed profiting from a large experience on the field. The sturdy design and the generous dimensions give the maximum protection to the nozzle and the nipple thread. One locknut size fits all standard size ZWA series nipple of any length.



MATERIALS

B1 Stainless steel AISI 303

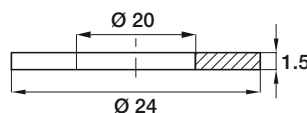
Code	Notes	Weight Kg
VAW A075 B1	Outside exagone	0.09
VAW C075 B1	Built in exagone	0.12



VDA 20C1 T3

GASKET

The VDA 20C1 T3 round gasket provides proper assembly between nozzle and nipple. One size fits all small size ZWA nipple types.



MATERIALS

T3 Copper

Code

VDA 20C1 T3