



AusPress®

STAINLESS

Install Guide



profile



15 - 168mm

Start here

Start to install quicker...

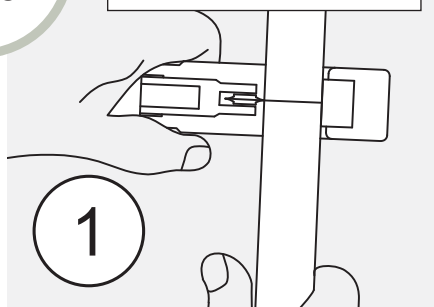
AusPress press-fit is installed easily and quickly using a Press Tool to form a permanent 'M' profile join. Installation only by a qualified & licensed plumber to AS 3500 and/or AS 5601.

Check for suitability...

Both the grade 316 stainless material and the rubber ring seal must be checked if suitable for the possible fluids and exterior environment conditions.

If in doubt, ask us!

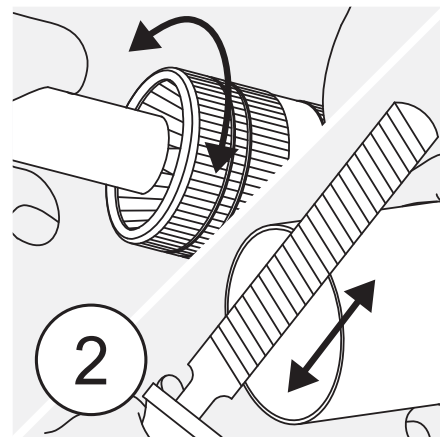
Keep your tools for stainless separate - don't use blades & files on different metals!



Cut to Length

Cut the tube square using a tube cutter with an 'inox' suitable blade.

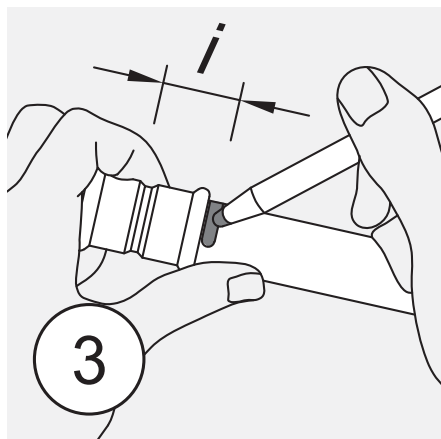
For larger sizes, cut square with an 'inox' blade using a stainless rotary cutter or other suitable cold-cut tool.



Deburr Tube

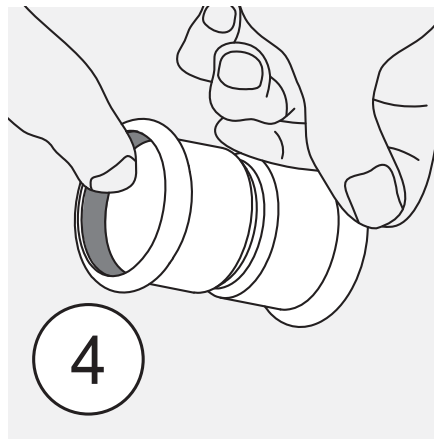
Deburr both inside & outside edges of tube ends to avoid cutting the ring seal on insertion.

For large sizes, use a half round smooth file reserved for stainless.



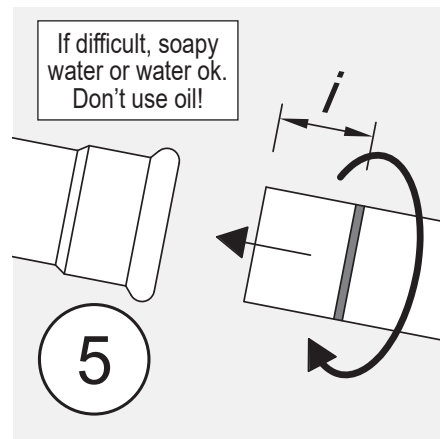
Mark the Insertion Depth "i"

Measure and permanently mark the insertion depth (socket depth) from the end of the tube.



Inspect Fitting & Ring Seals

Check that the rubber ring seal is not damaged, the correct type (colour) and both fitting & seal are free of debris.



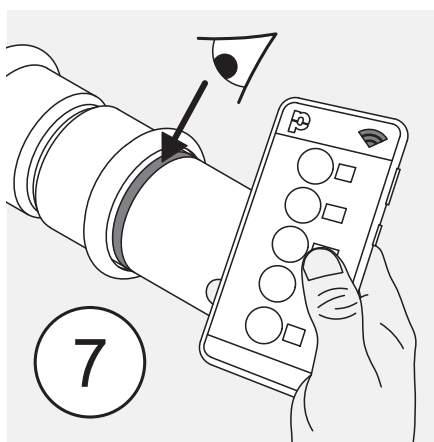
Join the Tube & Fitting

Insert the tube into the fitting press socket, turning slightly until it reaches the previously marked insertion depth.



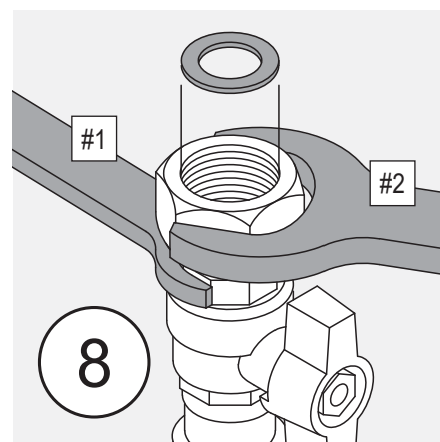
Press Tool Selection

Use a press tool, jaw or collar to suit the fitting, dimension and application pressures. Ensure press zone is inox lubricated each press.



Check & Complete

Inspect the pressed fitting. Check insertion depth marking. Refer the NovoCheck app. Lubricate press zone of tool head as required.



Threaded Ends

Tighten threads with the fitting supported, don't tighten against the pressed joint alone.



AusPress®

Install Guide



profile



15 - 168mm

STAINLESS

Check the Ring Seal

General product performance specifications only. Check for suitability before installation with AusPress.



EPDM Ring Seal
for potable water
-20 to +100°C



hNBR Ring Seal
for Gas
(ie NG & LPG)



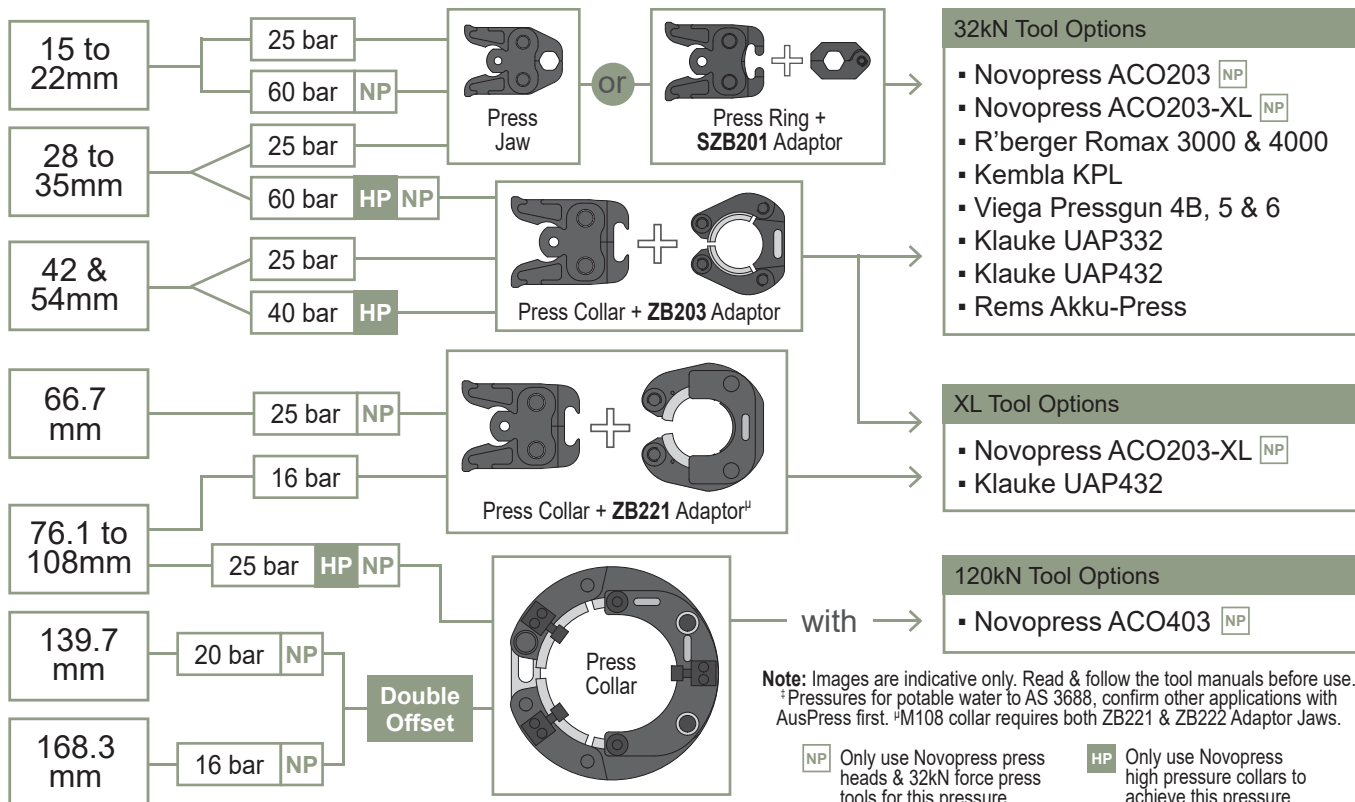
FKM Ring Seal
for high temp,
oils & chemicals

Note: Don't use oils or grease to lubricate the ring seal. Refer to our Tech Note TN.03 Media Suitability Guide or contact us directly for suitability before installation.

Press Tool Options

AusPress Stainless fittings are M-Profile, with the tool and press heads used dictating the joint maximum operating pressure rating (shown for ambient potable water).

Project Tool Training
available on request.



Fitting Clearances

Measurements are dependant on the actual fitting dimensions and the Press Tool used to join. Confirm clearances with your particular installation as these may change.

Depending on the press head type, different minimum clearances are possible for close to wall situations. Refer to the "Jaw & Collar Clearances" page in the catalogue technical section for:

- Press Jaw clearances,
- Press Ring (new) clearances, and
- Press Collar clearances.

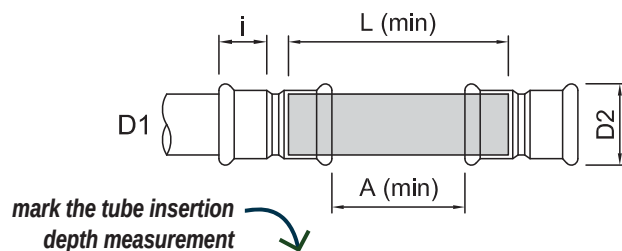
These include allowance for the Novopress tool body for parallel to wall, perpendicular to wall and offset scenarios.

More Info?

Contact AusPress or visit www.auspress.com.au for our Tech Note library and other resources.

Measurements are dependant on the actual fitting dimensions and the Press Tool used to join. Confirm clearances with your particular installation as these may change.

Note: This document is only intended as a guide and users must refer to our full product catalogue and technical information for further detailed information.



D1	Profile	i	L	A	D2
15	M	22	54	10	23
22	M	23	56	10	32
28	M	26	62	10	38
35	M	29	78	20	45
42	M	32	84	20	54
54	M	37	94	20	66
66.7	M	51	122	20	84
76.1	M	54	128	20	95
88.9	M	61	142	20	110
108	M	82	184	20	133
139.7	M	98	256	60	165
168.3	M	121	312	60	195