



R/11 - R/13

Tube expanders for **small tube diameter**, from 1/4" to 1/2" (6,35 to 12,70 mm), having thrust collar with plane shoulder.



R/30 - R/31

Adjustable tube expanders for **thin or medium thickness tubesheets** and tubes with \varnothing from 1/2" up to 1.1/2" (12,70 to 38,10 mm).



R/50 - R/51

Adjustable long reach tube expanders for **thick tubesheets** and tubes with \varnothing from 1/2" to 1.1/2" (12,70 to 38,10 mm).



5R

5R: Code used to indicate the tube expanders type **R with 5 rolls** (instead of standard with 3 rolls), suitable for the rolling expansion of thin thickness tubes to ensure a better roundness on the expanded tube.

R/41

Tube expanders for **thick tubesheets** and tubes with \varnothing from 1.3/4" to 3" (44,45 to 76,20 mm).

R/141- R/161

Step by step tube expanders for tubes with \varnothing from 5/8" to 1" (15,87 to 25,40 mm) with quick releasing device for thrust collar repositioning in order to expand all the tubesheet length without remove the expander from tube.





R - 5R

Complete line of **R-series** (3 rolls) and **5R-series** (5 rolls) adjustable depth tube expanders for **heat exchangers** and **condensers** tubes

- The **R-series** adjustable depth tube expanders have been designed for rolling tubes in heat exchangers and boilers. They are driven by pneumatic or electric rolling machines with torque control.
- The **5R-series** tube expanders have five rolls to overcome the problems of rolling thin-walled tubes, especially those made of titanium. These tube expanders execute special expansions and have mandrels with gentle tapers in order to reduce the problems connected with residual stress in the expanded tubes.

Step by step
positioning
thrust collar

