

P2 Series

Kessel-Aufweitwerkzeuge der Typenreihe P2 | Rozwalcówki kotłowe z serii P2



Three rolls, Self feeding adjustable reach tube expander for deep reach expansion.

Parallel rolling with long effective double radius rolls. Rolls are self retained in the cage. An excellent expander for use as touch-up expansion as well as a hard rolling and re-rolling a leaky tubes and for new constructions of Water Tube Boilers, Fire Tube Boilers, Economizers, Air Heaters.

Expanders with 4, 5 rolls, with longer rolls or longer reach with 2 inch increments are available on request.

Our K70's right-angle rolling motors are recommended to be used with this expanders. Refer to page D-4.

Tube rolling accessories refer to the page I-2.

Selbstvorschiebbar Aufweitwerkzeuge mit drei Walzrollen. Ausgezeichnetes Werkzeug bei der Auswalzung der Rohre während Reparaturen sowie der Montage neuer Anlagen: Wasserkessel, Dampfkessel, Flammrohrkessel, Lufterwärmer u.s.w.

Aufweitwerkzeuge mit 4, 5 Rollen, mit längeren Rollen bzw. mit Rollen von grösserer Reichweite sind auf Sonderbestellung erreichbar.

Wir empfehlen unsere Winkel-Druckluftantriebe für Kesselaufweitwerkzeuge. Siehe Seite D-4. Zubehör auf Seite I-2.

Rozwalcówki samoposuwne z trzema rolkami walcującymi. Doskonałe narzędzie przy rozwalcowywaniu rur podczas remontów jak i podczas montażu nowych urządzeń: kotłów wodnych, parowych, płomienicowych, ogrzewaczy powietrza itp.

Rozwalcówki z 4, 5 rolkami, z rolkami dłuższymi lub o większym zasięgu są dostępne na specjalne zamówienie.

Polecamy nasze kątowe napędy pneumatyczne do rozwalcówek kotłowych. Patrz strona D-4.

Akcesoria na stronie I-2.

| TUBE OD Aussen φ Sred. zewnetrzna | | TUBE GAUGE Stärke Grubość ścianki | | | TUBE ID Innen φ Sred. wewnetrzna | | MIN. EXP. OF TOOL Min. Walzbereich Min. rozwalcowanie | | MAX. EXP. OF TOOL Max. Walzbereich Max. rozwalcowanie | | TUBE SHEET THICKNESS Verstellbare walzbreite Grubość dna sitowego | | | MANDREL SQUARE Dornvierkant Kwadrat trzpienia | |
|---|------|---|-----------|-----------|--|-----------|---|-------|---|-------|---|--|--------------------------------|---|------|
| | | | | | | | | | | | 1/2" to 4/3" (12.7 to 120mm) | | | | |
| [inch] | [mm] | [bwg] | [inch] | [mm] | [inch] | [mm] | [inch] | [mm] | [inch] | [mm] | Tool No. Werkzeug- Numer narzędzia | 60mm Roll No. 60mm Rollen 60mm Rolki | Mandrel No. Dorn Trzpień | [inch] | [mm] |
| 1-1/4" | 31.7 | 16 | .065 | 1.65 | 1.120 | 28.45 | 1.100 | 27.80 | 1.299 | 33.00 | P2-280 | 998 | T-290 | 1/2" | 12.7 |
| 1-1/2" | 38.1 | 7-11 | .180-.120 | 3.04-4.5 | 1.14-1.26 | 29.1-32.1 | 1.140 | 28.80 | 1.330 | 34.00 | P2-290 | 1048 | T-290 | 1/2" | 12.7 |
| | | 10-12 | .134-.109 | 2.76-3.4 | 1.22-1.28 | 31-32.58 | 1.173 | 29.80 | 1.337 | 35.00 | P2-300 | 1089 | T-290 | 1/2" | 12.7 |
| | | 13-16 | .095-.065 | 1.65-2.40 | 1.299-1.37 | 33-34.8 | 1.251 | 31.80 | 1.456 | 37.00 | P2-320 | 1143 | T-320 | 1/2" | 12.7 |
| 1-3/4" | 44.4 | 8-9 | .165-.148 | 4.20-4.60 | 1.454-1.420 | 36-37 | 1.370 | 34.80 | 1.614 | 41.00 | P2-350 | RR21A | T-370 | 3/4" | 19 |
| | | 10-16 | .134-.065 | 1.65-3.4 | 1.48-1.618 | 37.6-41.1 | 1.448 | 36.80 | 1.692 | 43.00 | P2-370 | RR22A | T-370 | 3/4" | 19 |
| 2" | 50.8 | 7-10 | .180-.134 | 3.40-4.6 | 1.640"-1.732" | 41.6-44 | 1.566 | 39.80 | 1.811 | 46.00 | P2-400 | RR40A | T-420 | 3/4" | 19 |
| | | 11-12 | .120-.109 | 2.8-3.04 | 1.759-1.779 | 44.7-45.2 | 1.645 | 41.80 | 1.889 | 48.00 | P2-420 | RR23A | T-420 | 3/4" | 19 |
| | | 13-15 | .095-.072 | 1.82-2.4 | 1.811-1.854 | 46-47.1 | 1.724 | 43.80 | 1.968 | 50.00 | P2-440 | RR23A | T-440 | 3/4" | 19 |
| | | 16 | .065 | 1.65 | 1.870 | 47.50 | 1.842 | 46.80 | 2.125 | 54.00 | P2-470 | RR24A | T-470 | 3/4" | 19 |

| TUBE OD Aussen φ Śred. zewnętrzna | | TUBE GAUGE Stärke Grubość ścianki | | | | TUBE ID Innen φ Śred. wewnętrzna | | MIN. EXP. OF TOOL Min. Walzbereich Min. rozwałcowanie | | MAX. EXP. OF TOOL Max. Walzbereich Max. rozwałcowanie | | TUBE SHEET THICKNESS Verstellbare walzbreite Grubość dna sitowego | | | MANDREL SQUARE Dornvierkant Kwadrat trzpienia | |
|---|-------|---|-----------|-----------|-------------|--|--------|---|--------|---|--------|---|--|--------------------------------|---|--|
| | | | | | | | | | | | | 1/2" to 4/3" (12.7 to 120mm) | | | | |
| | | | | | | | | | | | | Tool No. Werkzeug- Nummer Numer narzędzia | 60mm Roll No. 60mm Rollen 60mm Rolki | Mandrel No. Dorn Trzpień | | |
| [inch] | [mm] | [bwg] | [inch] | [mm] | [inch] | [mm] | [inch] | [mm] | [inch] | [mm] | | | | | | |
| 2-1/4" | 57.1 | 10-12 | .134-.109 | 2.76-3.4 | 1.98-2.031 | 50.3-51.6 | 1.921 | 48.80 | 2.204 | 56.00 | P2-490 | RR24A | T-490 | 3/4" | 19 | |
| | | 14-16 | .083-.065 | 1.65-2.1 | 2.082-2.118 | 52.9-53.8 | 2.039 | 51.80 | 2.332 | 59.00 | P2-520 | RR25A | T-490 | 3/4" | 19 | |
| 2-1/2" | 63.5 | 11-12 | .120-.109 | 2.8-3.04 | 2.259-2.279 | 57.4-57.9 | 2.118 | 53.80 | 2.440 | 62.00 | P2-540 | RR26A | T-540 | 3/4" | 19 | |
| | | 13-16 | .095-.065 | 1.6-2.4 | 2.311-2.374 | 58.7-60.3 | 2.236 | 56.80 | 2.598 | 66.00 | P2-570 | RR27A | T-570 | 3/4" | 19 | |
| 2-3/4" | 69.8 | 7-11 | .180-.120 | 3.04-4.6 | 2.385-2.508 | 60.6-63.72 | 2.354 | 59.80 | 2.716 | 69.00 | P2-600 | RR28A | T-570 | 3/4" | 19 | |
| 3" | 76.2 | 7-11 | .180-.120 | 3.04-4.6 | 2.637-2.76 | 67-70.12 | 2.551 | 64.80 | 2.952 | 74.00 | P2-650 | RR29A | T-650 | 3/4" | 19 | |
| | | 13-15 | .095-.072 | 2.4-1.82 | 2.811-2.856 | 71.4-72.56 | 2.669 | 67.80 | 3.070 | 78.00 | P2-680 | RR30A | T-720 | 1" | 25.4 | |
| 3-1/4" | 82.55 | 7-12 | .180-.120 | 3.04-4.6 | 2.895-3.01 | 73.55-76.47 | 2.834 | 72.00 | 3.228 | 82.00 | P2-720 | RR31-A | T-720 | 1" | 25.4 | |
| | | 13-16 | .095-.065 | 1.65-2.4 | 3.061-3.120 | 77.75-79.25 | 3.030 | 77.00 | 3.430 | 87.00 | P2-770 | RR32-A | T-770 | 1" | 25.4 | |
| 3-1/2" | 88.9 | 10-16 | .136-.065 | 1.65-3.4 | 3.232-3.370 | 82.1-85.6 | 3.228 | 82.00 | 3.622 | 92.00 | P2-820 | RR33-A | T-820 | 1" | 25.4 | |
| 3-3/4" | 95.25 | 7-12 | .180-.120 | 3.04-4.6 | 3.387-3.510 | 86.05-89.17 | 3.385 | 86.00 | 3.779 | 96.00 | P2-860 | RR34-A | T-860 | 1" | 25.4 | |
| 4" | 101.6 | 8-12 | .165-.109 | 3.4-4.2 | 3.669-3.732 | 93.2-94.8 | 3.543 | 90.00 | 4.015 | 102.00 | P2-900 | RR34-A | T-900 | 1" | 25.4 | |
| | | 13-16 | .095-.065 | 1.65-2.40 | 3.811-3.870 | 96.8-98.3 | 3.779 | 96.00 | 4.409 | 108.00 | P2-960 | RR35-A | T-960 | 1" | 25.4 | |

Expanders P2 are also available with 80 mm rolls. Examples of order:
 P2-420 - regular expander with 60 mm rolls
 P2-420/80 - expander with 80 mm rolls
 P2-420/80+3" - expander with 80 mm rolls and extended length for 3"

Die Rohrwalzen P2 sind auch mit 80 mm langen Rollen erhältlich. Bestellungsbeispiel:
 P2-420 - übliche Rohrwalze mit 60 mm Rollen
 P2-420/80 - Rohrwalze mit 80 mm Rollen
 P2-420/80+3" - Rohrwalze mit 80 mm Rollen und verlängert um 3"

Rozwałcówki P2 są także dostępne z rolkami o długości 80 mm. Przykłady zamówienia:
 P2-420 - zwykła rozwałcówka z rolkami 60 mm
 P2-420/80 - rozwałcówka z rolkami 80 mm
 P2-420/80+3" - rozwałcówka z rolkami 80 mm i przedłużona o 3"