



No. 46 - Self-feeding Tube Expander with adjustable collar

Art.-No.	Article	Expansion (mm)	Length of rolls (mm)	Length of expansion (mm)	Reach (mm)	Square shaft
Rolls with 1 parabola						
1W46008801	Tube Expander complete, 8.8 mm	8.8 - 10.0	40	15 - 35	70	3/8"
1D46008800	Mandrel for Tube Expander, 8.8 mm					
1G46008800	Cage for Tube Expander, 8.8 mm					
1R460088S1	Rolls for Tube Expander, 8.8 mm					
1W46009001	Tube Expander complete, 9 mm	9.0 - 10.2	40	15 - 35	70	3/8"
1D46009000	Mandrel for Tube Expander, 9 + 9.6 mm					
1G46009000	Cage for Tube Expander, 9 mm					
1R460090S1	Rolls for Tube Expander, 9 mm					
1W46009601	Tube Expander complete, 9.6 mm	9.6 - 10.8	40	15 - 35	70	3/8"
1D46009000	Mandrel for Tube Expander, 9 + 9.6 mm					
1G46009600	Cage for Tube Expander, 9.6 mm					
1R460096S1	Rolls for Tube Expander, 9.6 + 10 mm					
1W46010001	Tube Expander complete, 10 mm	10.0 - 11.3	40	15 - 35	70	3/8"
1D46010000	Mandrel for Tube Expander, 10 mm					
1G46010000	Cage for Tube Expander, 10 mm					
1R460096S1	Rolls for Tube Expander, 9.6 + 10 mm					
1W46010601	Tube Expander complete, 10.6 mm	10.6 - 11.8	40	15 - 35	70	3/8"
1D46010600	Mandrel for Tube Expander, 10.6 + 11.4 mm					
1G46010600	Cage for Tube Expander, 10.6 mm					
1R460106S1	Rolls for Tube Expander, 10.6 mm					
1W46011401	Tube Expander complete, 11.4 mm	11.4 - 12.7	40	15 - 35	70	3/8"
1D46010600	Mandrel for Tube Expander, 10.6 + 11.4 mm					
1G46011400	Cage for Tube Expander, 11.4 mm					
1R460114S1	Rolls for Tube Expander, 11.4 mm					
1W46012001	Tube Expander complete, 12 mm	12.0 - 13.8	40	15 - 35	70	3/8"
1D46012000	Mandrel for Tube Expander, 12 mm					
1G46012000	Cage for Tube Expander, 12 mm					
1R460120S1	Rolls for Tube Expander, 12 + 12.6 mm					
1W46012601	Tube Expander complete, 12.6 mm	12.6 - 14.6	40	15 - 35	70	3/8"
1D46012600	Mandrel for Tube Expander, 12.6, 13 + 13.8 mm					
1G46012600	Cage for Tube Expander, 12.6 mm					
1R460120S1	Rolls for Tube Expander, 12 + 12.6 mm					

No. 46 - Self-feeding Tube Expander with adjustable collar

Art.-No.	Article	Expansion (mm)	Length of rolls (mm)	Length of expansion (mm)	Reach (mm)	Square shaft
1W46013001	Tube Expander complete, 13 mm	13.0 - 15.0	40	15 - 35	70	3/8"
1D46012600	Mandrel for Tube Expander, 12.6, 13 + 13.8 mm					
1G46013000	Cage for Tube Expander, 13 mm					
1R460130S1	Rolls for Tube Expander, 13 mm					
1W46013801	Tube Expander complete, 13.8 mm	13.8 - 15.9	60	35 - 55	70	3/8"
1D46012600	Mandrel for Tube Expander, 12.6, 13 + 13.8 mm					
1G46013800	Cage for Tube Expander, 13.8 mm					
1R460138S1	Rolls for Tube Expander, 13.8 + 14.5 mm					
1W46014501	Tube Expander complete, 14.5 mm	14.5 - 16.6	60	35 - 55	70	3/8"
1D46014500	Mandrel for Tube Expander, 14.5, 15 + 15.5					
1G46014500	Cage for Tube Expander, 14.5 mm					
1R460138S1	Rolls for Tube Expander, 13.8 + 14.5 mm					
1W46015001	Tube Expander complete, 15 mm	15.0 - 17.3	60	35 - 55	70	3/8"
1D46014500	Mandrel for Tube Expander, 14.5, 15 + 15.5					
1G46015000	Cage for Tube Expander, 15 mm					
1R460150S1	Rolls for Tube Expander, 15 mm					
1W46015501	Tube Expander complete, 15.5 mm	15.5 - 17.7	60	35 - 55	70	3/8"
1D46014500	Mandrel for Tube Expander, 14.5, 15 + 15.5					
1G46015500	Cage for Tube Expander, 15.5 mm					
1R460155S1	Rolls for Tube Expander, 15.5 mm					
1W46016001	Tube Expander complete, 16 mm	16.0 - 18.4	60	35 - 55	70	3/8"
1D46016000	Mandrel for Tube Expander, 16 mm					
1G46016000	Cage for Tube Expander, 16 mm					
1R460160S1	Rolls for Tube Expander, 16 + 16.5 mm					
1W46016501	Tube Expander complete, 16.5 mm	16.5 - 18.6	60	35 - 55	70	3/8"
1D46016500	Mandrel for Tube Expander, 16.5, 17 + 17.5 mm					
1G46016500	Cage for Tube Expander, 16.5 mm					
1R460160S1	Rolls for Tube Expander, 16 + 16.5 mm					
1W46017001	Tube Expander complete, 17 mm	17.0 - 19.0	60	35 - 55	70	3/8"
1D46016500	Mandrel for Tube Expander, 16.5, 17 + 17.5 mm					
1G46017000	Cage for Tube Expander, 17 mm					
1R460170S1	Rolls for Tube Expander, 17 mm					
1W46017501	Tube Expander complete, 17.5 mm	17.5 - 19.7	60	35 - 55	70	3/8"
1D46016500	Mandrel for Tube Expander, 16.5, 17 + 17.5 mm					
1G46017500	Cage for Tube Expander, 17.5 mm					
1R460175S1	Rolls for Tube Expander, 17.5 mm					
1W46018401	Tube Expander complete, 18.4 mm	18.4 - 21.2	60	35 - 55	70	3/8"
1D46018400	Mandrel for Tube Expander, 18.4 mm					
1G46018400	Cage for Tube Expander, 18.4 mm					
1R460184S1	Rolls for Tube Expander, 18.4, 19 + 19.5 mm					
1W46019001	Tube Expander complete, 19 mm	19.0 - 21.5	60	35 - 55	70	3/8"
1D46019000	Mandrel for Tube Expander, 19 mm					
1G46019000	Cage for Tube Expander, 19 mm					
1R460184S1	Rolls for Tube Expander, 18.4, 19 + 19.5 mm					

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Art.-No.	Article	Expansion (mm)	Length of rolls (mm)	Length of expansion (mm)	Reach (mm)	Square shaft
1W46019501	Tube Expander complete, 19.5 mm	19.5 - 21.8	60	35 - 55	70	3/8"
1D46019500	Mandrel for Tube Expander, 19.5 mm					
1G46019500	Cage for Tube Expander, 19.5 mm					
1R460184S1	Rolls for Tube Expander, 18.4, 19 + 19.5 mm					
1W46020001	Tube Expander complete, 20 mm	20.0 - 23.0	60	35 - 55	70	3/8"
1D46020000	Mandrel for Tube Expander, 20 mm					
1G46020000	Cage for Tube Expander, 20 mm					
1R460200S1	Rolls for Tube Expander, 20, 20.5 + 21 mm					
1W46020501	Tube Expander complete, 20.5 mm	20.5 - 23.6	60	35 - 55	70	3/8"
1D46020500	Mandrel for Tube Expander, 20.5 mm					
1G46020500	Cage for Tube Expander, 20.5 mm					
1R460200S1	Rolls for Tube Expander, 20, 20.5 + 21 mm					
1W46021001	Tube Expander complete, 21 mm	21.0 - 24.0	60	35 - 55	70	3/8"
1D46021000	Mandrel for Tube Expander, 21 + 22 mm					
1G46021000	Cage for Tube Expander, 21 mm					
1R460200S1	Rolls for Tube Expander, 20, 20.5 + 21 mm					
1W46022001	Tube Expander complete, 22 mm	22.0 - 25.0	60	35 - 55	70	3/8"
1D46021000	Mandrel for Tube Expander, 21 + 22 mm					
1G46022000	Cage for Tube Expander, 22 mm					
1R460220S1	Rolls for Tube Expander, 22 mm					

Rolls with 2 parabolas

1W46008800	Tube Expander complete, 8.8 mm	8.8 - 10.0	40	15 - 30	70	3/8"
1D46008800	Mandrel for Tube Expander, 8.8 mm					
1G46008800	Cage for Tube Expander, 8.8 mm					
1R470088S0	, 8.8 mm					
1W46009000	Tube Expander complete, 9 mm	9.0 - 10.2	40	15 - 30	70	3/8"
1D46009000	Mandrel for Tube Expander, 9 + 9.6 mm					
1G46009000	Cage for Tube Expander, 9 mm					
1R470090S0	Rolls for Tube Expander, 8 + 9 mm					
1W46009600	Tube Expander complete, 9.6 mm	9.6 - 10.8	40	15 - 30	70	3/8"
1D46009000	Mandrel for Tube Expander, 9 + 9.6 mm					
1G46009600	Cage for Tube Expander, 9.6 mm					
1R470096S0	Rolls for Tube Expander, 9.6 + 10 mm					
1W46010000	Tube Expander complete, 10 mm	10.0 - 11.3	40	15 - 30	70	3/8"
1D46010000	Mandrel for Tube Expander, 10 mm					
1G46010000	Cage for Tube Expander, 10 mm					
1R470096S0	Rolls for Tube Expander, 9.6 + 10 mm					
1W46010600	Tube Expander complete, 10.6 mm	10.6 - 11.8	40	15 - 30	70	3/8"
1D46010600	Mandrel for Tube Expander, 10.6 + 11.4 mm					
1G46010600	Cage for Tube Expander, 10.6 mm					
1R470106S0	Rolls for Tube Expander, 10.6 mm					

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Art.-No.	Article	Expansion (mm)	Length of rolls (mm)	Length of expansion (mm)	Reach (mm)	Square shaft
1W46011400	Tube Expander complete, 11.4 mm	11.4 - 12.7	40	15 - 30	70	3/8"
1D46010600	Mandrel for Tube Expander, 10.6 + 11.4 mm					
1G46011400	Cage for Tube Expander, 11.4 mm					
1R470114S0	Rolls for Tube Expander, 11.4 mm					
1W46012000	Tube Expander complete, 12 mm	12.0 - 13.8	40	15 - 30	70	3/8"
1D46012000	Mandrel for Tube Expander, 12 mm					
1G46012000	Cage for Tube Expander, 12 mm					
1R470120S0	Rolls for Tube Expander, 12 + 12.6 mm					
1W46012600	Tube Expander complete, 12.6 mm	12.6 - 14.6	40	15 - 30	70	3/8"
1D46012600	Mandrel for Tube Expander, 12.6, 13 + 13.8 mm					
1G46012600	Cage for Tube Expander, 12.6 mm					
1R470120S0	Rolls for Tube Expander, 12 + 12.6 mm					
1W46013000	Tube Expander complete, 13 mm	13.0 - 15.0	40	15 - 30	70	3/8"
1D46012600	Mandrel for Tube Expander, 12.6, 13 + 13.8 mm					
1G46013000	Cage for Tube Expander, 13 mm					
1R470130S0	Rolls for Tube Expander, 13 mm					
1W46013800	Tube Expander complete, 13.8 mm	13.8 - 15.9	60	35 - 50	70	3/8"
1D46012600	Mandrel for Tube Expander, 12.6, 13 + 13.8 mm					
1G46013800	Cage for Tube Expander, 13.8 mm					
1R470138S1	Rolls for Tube Expander, 13.8 + 14.5 mm					
1W46014500	Tube Expander complete, 14.5 mm	14.5 - 16.6	60	35 - 50	70	3/8"
1D46014500	Mandrel for Tube Expander, 14.5, 15 + 15.5					
1G46014500	Cage for Tube Expander, 14.5 mm					
1R470138S1	Rolls for Tube Expander, 13.8 + 14.5 mm					
1W46015000	Tube Expander complete, 15 mm	15.0 - 17.3	60	35 - 50	70	3/8"
1D46014500	Mandrel for Tube Expander, 14.5, 15 + 15.5					
1G46015000	Cage for Tube Expander, 15 mm					
1R470150S1	Rolls for Tube Expander, 15 mm					
1W46015500	Tube Expander complete, 15.5 mm	15.5 - 17.7	60	35 - 50	70	3/8"
1D46014500	Mandrel for Tube Expander, 14.5, 15 + 15.5					
1G46015500	Cage for Tube Expander, 15.5 mm					
1R470155S1	Rolls for Tube Expander, 15.5 mm					
1W46016000	Tube Expander complete, 16 mm	16.0 - 18.4	60	35 - 50	70	3/8"
1D46016000	Mandrel for Tube Expander, 16 mm					
1G46016000	Cage for Tube Expander, 16 mm					
1R470160S1	Rolls for Tube Expander, 16 + 16.5 mm					
1W46016500	Tube Expander complete, 16.5 mm	16.5 - 18.6	60	35 - 50	70	3/8"
1D46016500	Mandrel for Tube Expander, 16.5, 17 + 17.5 mm					
1G46016500	Cage for Tube Expander, 16.5 mm					
1R470160S1	Rolls for Tube Expander, 16 + 16.5 mm					
1W46017000	Tube Expander complete, 17 mm	17.0 - 19.0	60	35 - 50	70	3/8"
1D46016500	Mandrel for Tube Expander, 16.5, 17 + 17.5 mm					
1G46017000	Cage for Tube Expander, 17 mm					
1R470170S1	Rolls for Tube Expander, 17 mm					

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Art.-No.	Article	Expansion (mm)	Length of rolls (mm)	Length of expansion (mm)	Reach (mm)	Square shaft
1W46017500	Tube Expander complete, 17.5 mm	17.5 - 19.7	60	35 - 50	70	3/8"
1D46016500	Mandrel for Tube Expander, 16.5, 17 + 17.5 mm					
1G46017500	Cage for Tube Expander, 17.5 mm					
1R470175S1	Rolls for Tube Expander, 17.5 mm					
1W46018400	Tube Expander complete, 18.4 mm	18.4 - 21.2	60	35 - 50	70	3/8"
1D46018400	Mandrel for Tube Expander, 18.4 mm					
1G46018400	Cage for Tube Expander, 18.4 mm					
1R470184S1	Rolls for Tube Expander, 18.4, 19 + 19.5 mm					
1W46019000	Tube Expander complete, 19 mm	19.0 - 21.5	60	35 - 50	70	3/8"
1D46019000	Mandrel for Tube Expander, 19 mm					
1G46019000	Cage for Tube Expander, 19 mm					
1R470184S1	Rolls for Tube Expander, 18.4, 19 + 19.5 mm					
1W46019500	Tube Expander complete, 19.5 mm	19.5 - 21.8	60	35 - 50	70	3/8"
1D46019500	Mandrel for Tube Expander, 19.5 mm					
1G46019500	Cage for Tube Expander, 19.5 mm					
1R470184S1	Rolls for Tube Expander, 18.4, 19 + 19.5 mm					
1W46020000	Tube Expander complete, 20 mm	20.0 - 23.0	60	35 - 50	70	3/8"
1D46020000	Mandrel for Tube Expander, 20 mm					
1G46020000	Cage for Tube Expander, 20 mm					
1R470200S1	Rolls for Tube Expander, 20, 20.5 + 21 mm					
1W46020500	Tube Expander complete, 20.5 mm	20.5 - 23.6	60	35 - 50	70	3/8"
1D46020500	Mandrel for Tube Expander, 20.5 mm					
1G46020500	Cage for Tube Expander, 20.5 mm					
1R470200S1	Rolls for Tube Expander, 20, 20.5 + 21 mm					
1W46021000	Tube Expander complete, 21 mm	21.0 - 24.0	60	35 - 50	70	3/8"
1D46021000	Mandrel for Tube Expander, 21 + 22 mm					
1G46021000	Cage for Tube Expander, 21 mm					
1R470200S1	Rolls for Tube Expander, 20, 20.5 + 21 mm					
1W46022000	Tube Expander complete, 22 mm	22.0 - 25.0	60	35 - 50	70	3/8"
1D46021000	Mandrel for Tube Expander, 21 + 22 mm					
1G46022000	Cage for Tube Expander, 22 mm					
1R470220S1	Rolls for Tube Expander, 22 mm					

Other dimensions on request