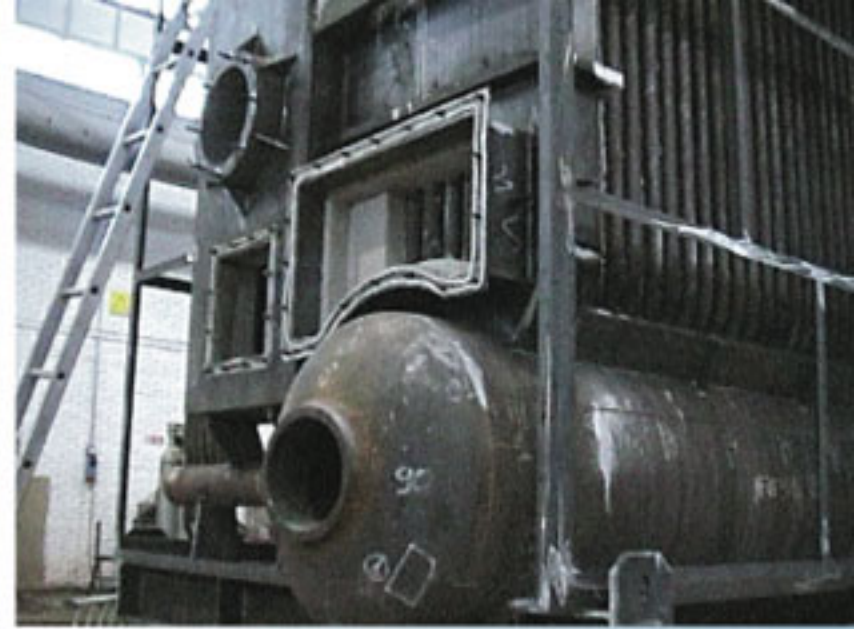




Selezione serie
Choosing the right series
Sélection série
Wahl der Serie



BH

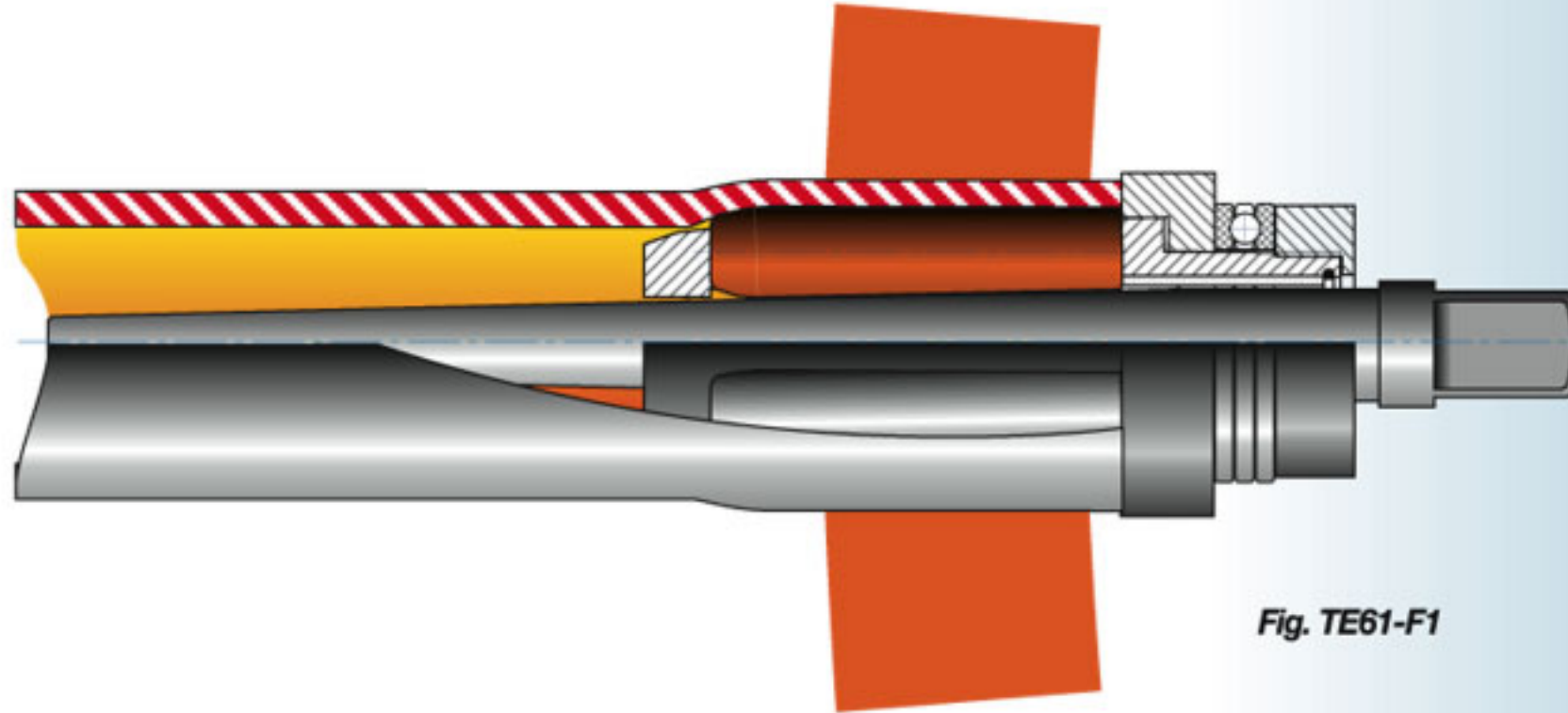


Fig. TE61-F1

CH

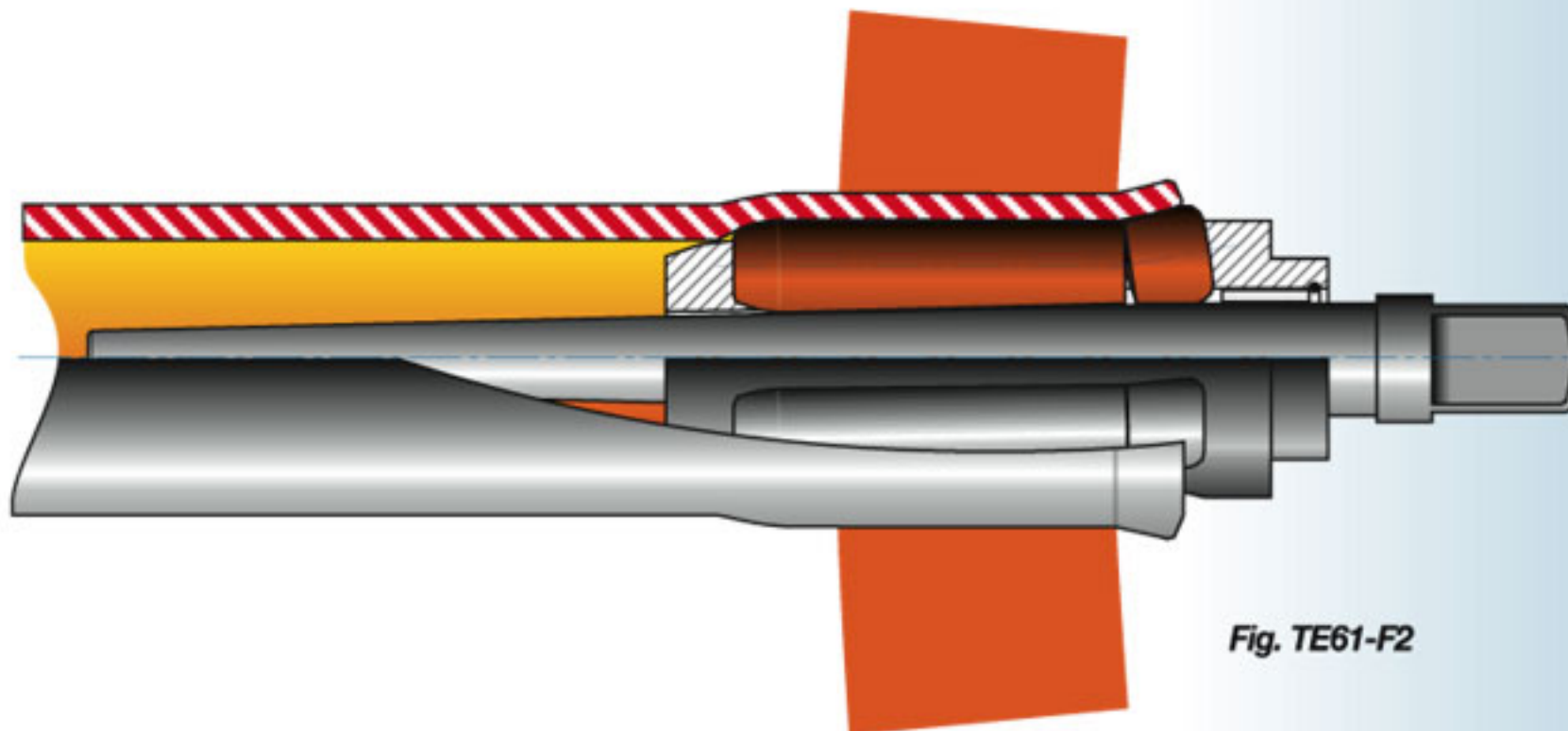


Fig. TE61-F2

DH

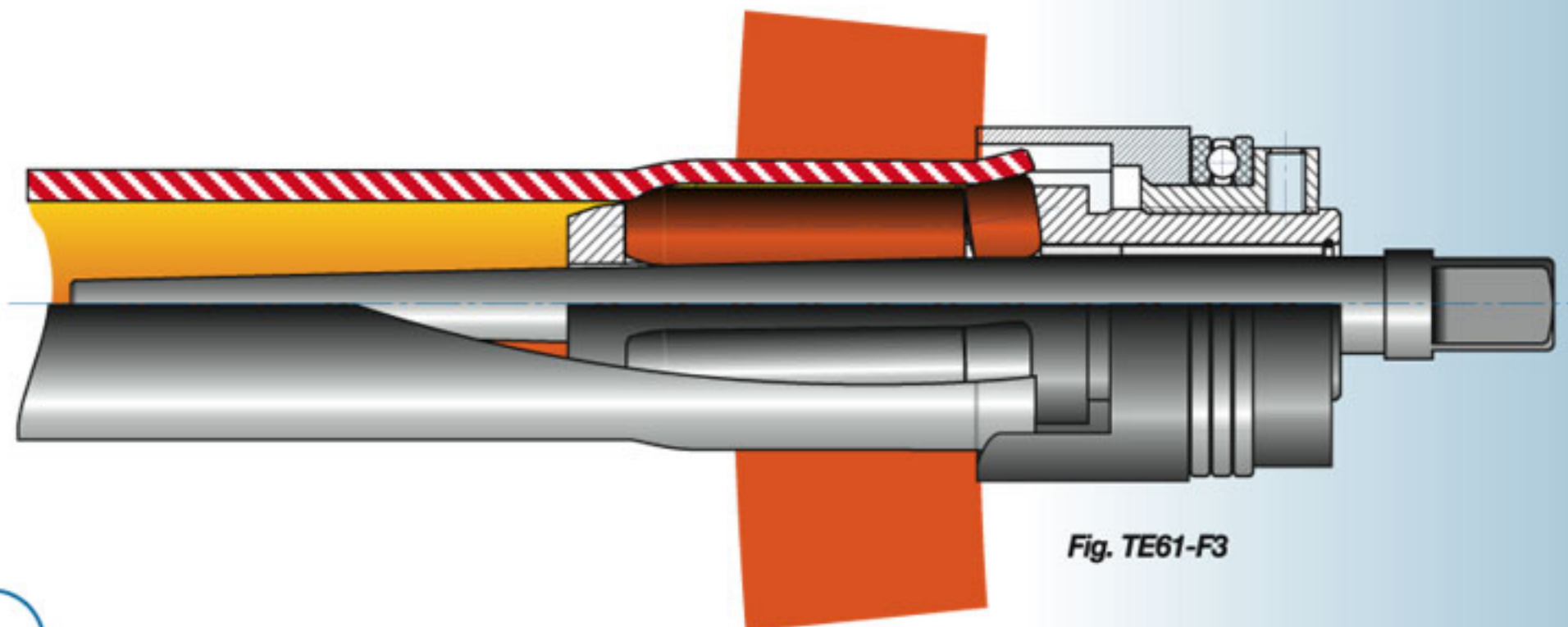


Fig. TE61-F3

/ XX - YY

Selezione lunghezza di mandrinatura

Choosing the right rolling length

Sélection longueur de dudgeonnage

Wahl der Einwalzlänge

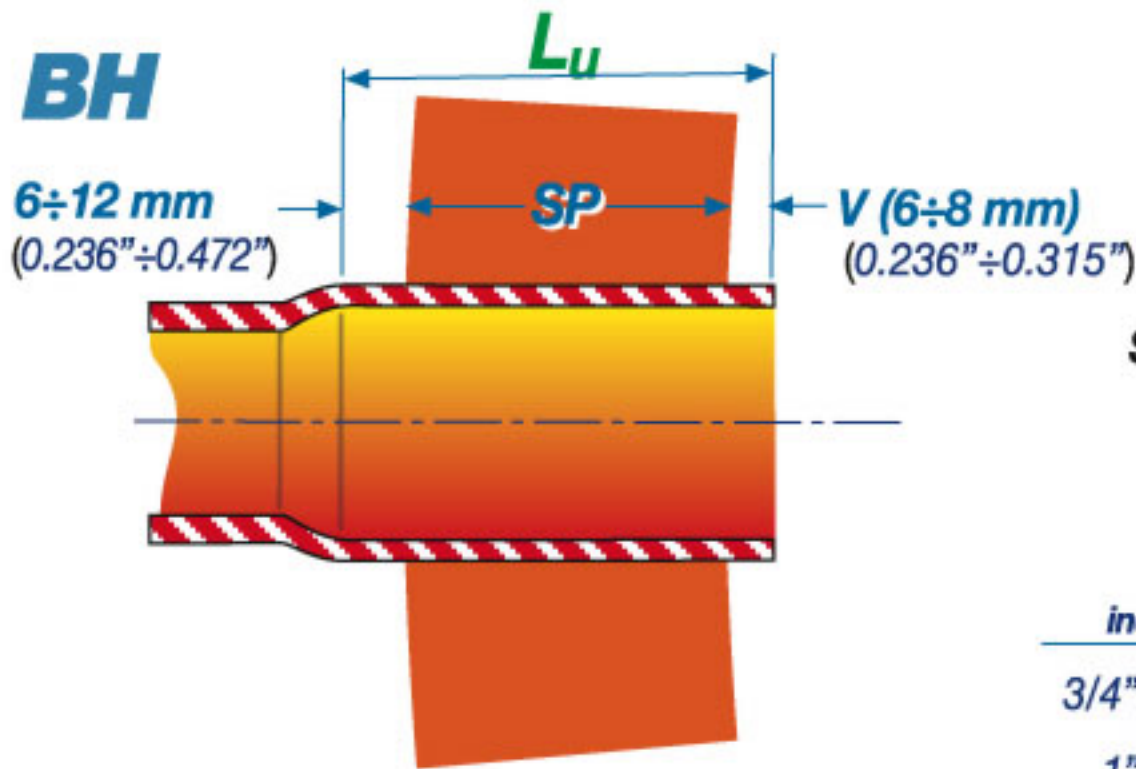


Fig. TE62-F1

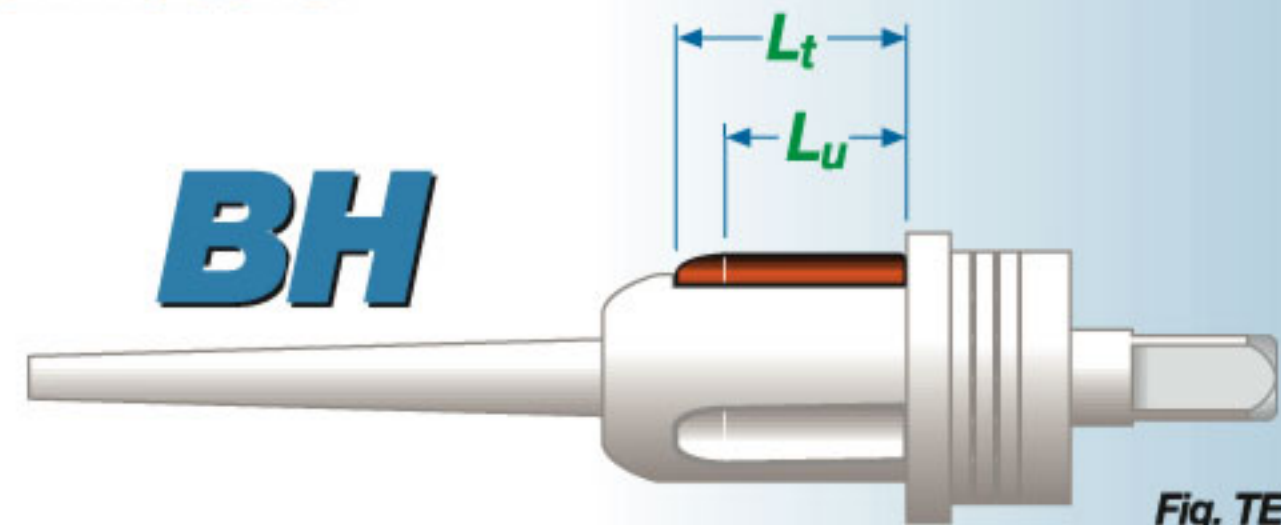


Fig. TE62-F2

Spessore piastra
Tube-sheet thickness
Épaisseur plaque
Bodenstärke

SP		L _t		L _u		de	
inches	mm	inches	mm	inches	mm	inches	mm
3/4" ÷ 7/8"	19,0÷22,2	28	1.417	36	1.102	28	1.1/2" ÷ 4.1/2" (38.1÷114,3)
1" ÷ 1.1/8"	25,4÷28,5	37	1.968	50	1.457	37	
1.1/4" ÷ 1.3/8"	31,8÷34,9	42	1.968	50	1.653	42	
1.1/2" ÷ 1.5/8"	38,1÷41,3	50	2.283	58	1.968	50	
1.3/4"	44,4	55	2.677	68	2.166	55	
1.7/8" ÷ 2"	47,6÷50,8	60	2.677	68	2.362	60	
2.1/4"	57,1	65	3.070	78	2.560	65	
2.3/8"	60,3	70	3.070	78	2.756	70	
2.1/2"	63,5	75	3.464	88	2.953	75	
2.5/8" ÷ 2.3/4"	66,7÷69,8	80	3.464	88	3.150	80	

Grandezze disponibili
Sizes available
Dimensions disponibles
Verfügbare Größen



BH / XX - YY

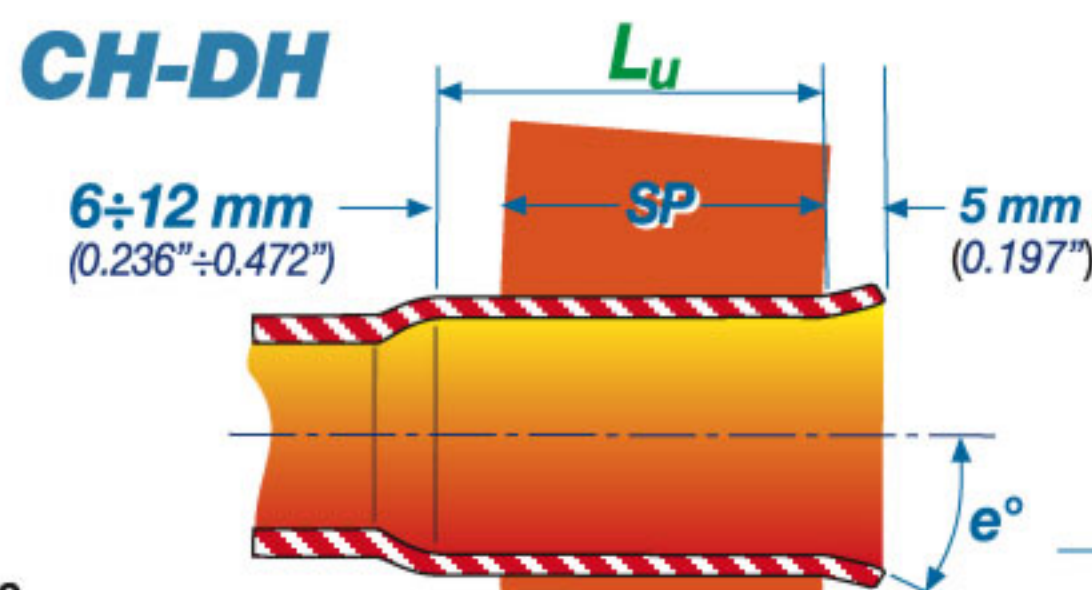


Fig. TE62-F3

Spessore piastra
Tube-sheet thickness
Épaisseur plaque
Bodenstärke

SP		L _t		L _u		de	
inches	mm	inches	mm	inches	mm	inches	mm
1/2" ÷ 5/8"	12,7÷15,9	22	1.102	28	0.984	25	08÷01
			1.023	26	0.866	22	1÷2
			1.300	33	0.866	22	3÷13
3/4" ÷ 7/8"	19,0÷22,2	28	1.299	33	1.102	28	3÷13
			1.417	36			14÷50
1" ÷ 1.1/8"	25,4÷28,5	37	1.811	46	1.457	37	1÷2
			1.968	50			3÷50
1.1/4" ÷ 1.3/8"	31,8÷34,9	42	1.811	46	1.653	42	1÷2
			1.969	50			3÷50
1.1/2" ÷ 1.5/8"	38,1÷41,3	50	2.283	58	1.968	50	1.1/4" ÷ 4.1/2" (31.8÷114,3)
1.3/4"	44,4	55	2.677	68	2.165	55	
1.7/8" ÷ 2"	47,6÷50,8	60	2.677	68	2.362	60	
2.1/4"	57,1	65	3.070	78	2.560	65	
2.3/8"	60,3	70	3.070	78	2.756	70	
2.1/2"	63,5	75	3.464	88	2.953	75	
2.5/8" ÷ 2.3/4"	66,7÷69,8	80	3.464	88	3.150	80	

Grandezze disponibili
Sizes available
Dimensions disponibles
Verfügbare Größen

/ XX - YY

La **lunghezza di mandrinatura** si seleziona nelle tabelle a fianco sulla base dello **spessore della piastra tubiera** da mandrinare.

The **rolling length** is chosen from the table alongside, on the basis of the **tube-sheet thickness** to be expanded.

La **longueur de dudgeonnage** se sélectionne dans les tableaux ci-contre, sur la base de l'**épaisseur de la plaque tubulaire** à dudgeonner.

Die **Einwalzlänge** wird in den nebenstehenden Tabellen auf Grundlage der **Stärke des einzuwalzenden Rohrbodens** ausgewählt.

Grandezze
Size
Dimension
Größe

L_f
mm inches

08 ÷ 6
7 ÷ 11
12 ÷ 15
16 ÷ 32
33 ÷ 50

L_t L_u

Fig. TE62-F4

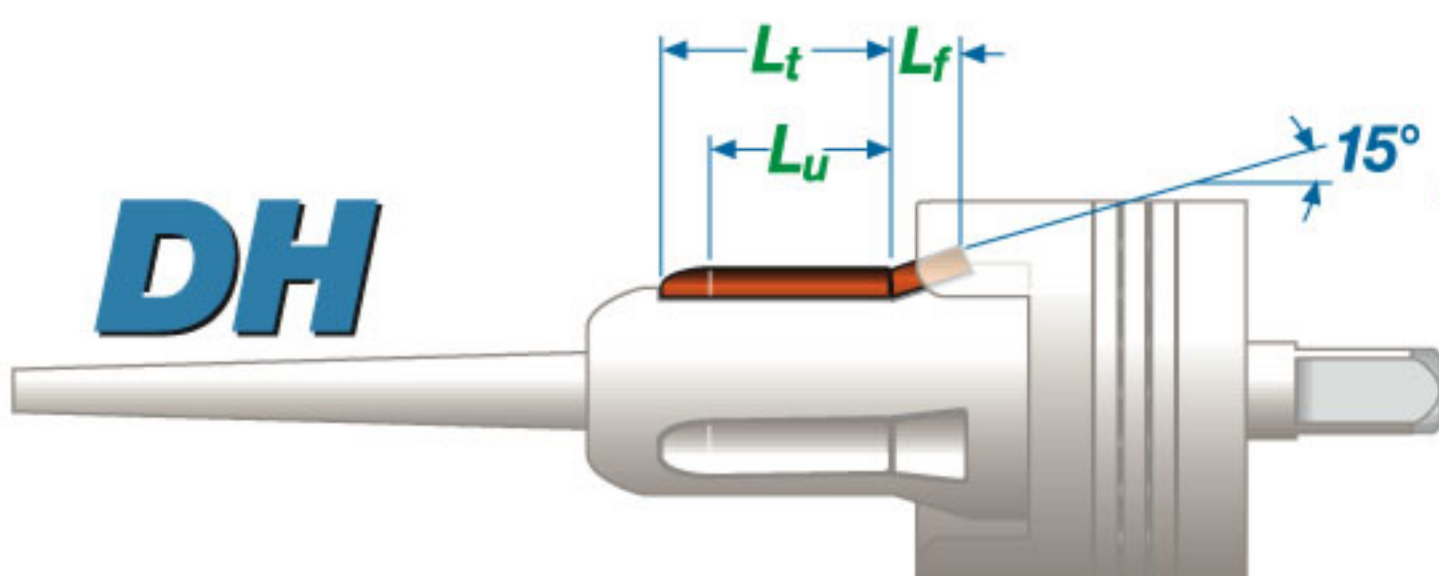
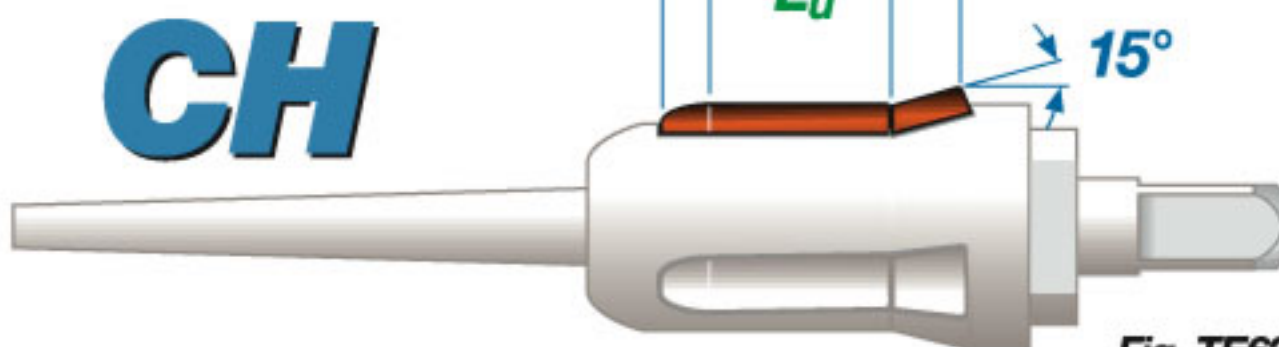


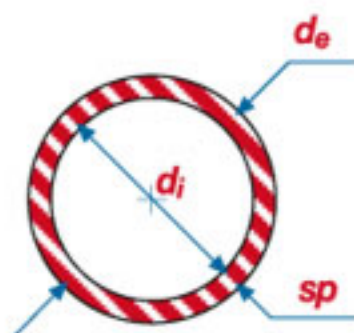
Fig. TE62-F5

Selezione della grandezza

Choice of size

Sélection de la dimension

Wahl der Größe



Tubo
Tube
Tube
Rohr



CH

Espansione
Expansion
Expansion
Walzbereich

Grandezza
Size
Dimension
Größe

Mandrinatrici consigliate per
Suggested rolling machines for
Dudgeonneuses conseillées pour
Empfohlene Rohreinwalzanlagen für

CH/22

L_U = 22 mm (0.866")

Elettriche
Electrical
Electriques
elektrisch

Pneumatiche
Pneumatic
Pneumatiques
pneumatisch

<i>de</i> inches mm	<i>sp</i>		<i>di</i>		Expansion Expansion Walzbereich		Size Dimension Größe	 mm inches	Elettriche Electrical Electriques elektrisch	Pneumatiche Pneumatic Pneumatiques pneumatisch	
	B.W.G.	<i>inches</i> mm	<i>inches</i> mm	<i>inches</i> mm	<i>inches</i> mm						
1/2" (12,7)	18	0.049	1,24	0.402	10,2	0.390 ÷ 0.453	9,9 ÷ 11,5	 3/8" (9,5)	F90 +	Minirol 550	
	19	0.042	1,07	0.416	10,6				MP1 MS60		
	20	0.035	0,89	0.430	10,9	0.409 ÷ 0.472	10,4 ÷ 12,0		07		Matex
	21	0.032	0,81	0.436	11,1						
	22	0.028	0,71	0.444	11,3	0.429 ÷ 0.492	10,9 ÷ 12,5		06		F90 +
	23	0.025	0,64	0.450	11,4						MP2 Matex
24	0.022	0,56	0.456	11,6							
5/8" (15,9)	14	0.083	2,11	0.459	11,7	0.429 ÷ 0.492	10,9 ÷ 12,5	 3/8" (9,5)	F90 +	Macrol 750	
	15	0.072	1,83	0.461	12,2	0.449 ÷ 0.528	11,4 ÷ 13,4		05		M4V MS40
	16	0.065	1,65	0.495	12,6	0.469 ÷ 0.547	11,9 ÷ 13,9				04
	17	0.058	1,47	0.509	12,9	0.489 ÷ 0.567	12,4 ÷ 14,4		03		
	18	0.049	1,24	0.527	13,4	0.508 ÷ 0.587	12,9 ÷ 14,9				02
	19	0.042	1,07	0.541	13,7				M4V MS60		
	20	0.035	0,89	0.555	14,1	0.528 ÷ 0.618	13,4 ÷ 15,7		01		Matex
	21	0.032	0,81	0.561	14,3						
3/4" (19,0)	10	0.134	3,40	0.482	12,2	0.449 ÷ 0.528	11,4 ÷ 13,4	 3/8" (9,5)	F90 +	Macrol 450	
	11	0.120	3,05	0.510	12,9	0.489 ÷ 0.567	12,4 ÷ 14,4		03		M4V MS30
	12	0.109	2,77	0.532	13,5	0.508 ÷ 0.587	12,9 ÷ 14,9				02
	13	0.095	2,41	0.560	14,2	0.528 ÷ 0.618	13,4 ÷ 15,7		01		



CH-DH

Mandrinatrici consigliate per
Suggested rolling machines for
Dudgeonneuses conseillées pour
Empfohlene Rohreinwalzanlagen für

CH/42-DH/42

L_U = 42 mm (1.653")

3/4" (19,0)	14	0.083	2,11	0.584	14,8	0.551 ÷ 0.630	14,0 ÷ 16,0	1	3/8" (9,5)	F90 + M4VMS40 Matex Macrol 750
	15	0.072	1,83	0.606	15,3	0.591 ÷ 0.669	15,0 ÷ 17,0	2		
	16	0.065	1,65	0.620	15,7					
	17	0.058	1,47	0.634	16,1	0.630 ÷ 0.728	16,0 ÷ 18,5	3		
	18	0.049	1,24	0.652	16,5					
	19	0.042	1,07	0.666	16,9					
	20	0.035	0,89	0.680	17,2	0.670 ÷ 0.768	17,0 ÷ 19,5	4		
	21	0.032	0,81	0.686	17,4					
22	0.028	0,71	0.694	17,6						

Consigliate
Suggested
Conseillées
Empfehlung

Possibili
Possible
Possibles
Variationsmöglichkeiten

/ XX - YY

Fig. TE63-F1



La **grandezza del mandrino** idoneo si seleziona nella tabella a fianco e in quelle successive sulla base delle **dimensioni del tubo** da mandrinare.



The **size of the suitable tube expander** is chosen from the table alongside and successive tables on the basis of the **dimensions of the tube** to be expanded.



La **dimension du dudgeon** approprié se sélectionne dans le tableau ci-contre et dans ceux successifs sur la base des **dimensions du tube** à dudgeonner.

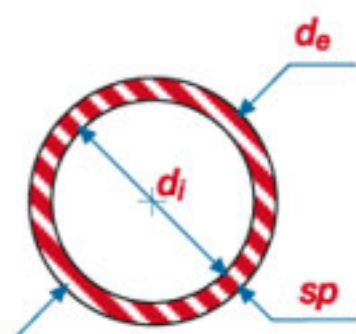


Die **Größe der geeigneten Rohrwalze** wird in der nebenstehenden Tabelle und den folgenden auf Grundlage der Abmessungen des **einzuwalzenden Rohrs** ausgewählt.



BH

TE-65



Tubo
Tube
Rohr

CH-DH

Espansione
Expansion
Expansion
Walzbereich

Grandezza
Size
Dimension
Größe

Mandrinatrici consigliate per
Suggested rolling machines for
Dudgeonneuses conseillées pour
Empfohlene Rohreinwalzanlagen für

CH/42-DH/42

L₀ = 42 mm (1.653")

Elettriche
Electrical
Electriques
elektrisch

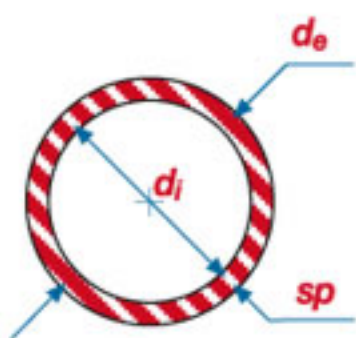
Pneumatiche
Pneumatic
Pneumatiques
pneumatisch

de inches mm	B.W.G.	sp inches mm	di inches mm	Espansione Expansion Expansion Walzbereich inches mm	Grandezza Size Dimension Größe inches mm	mm inches	Elettriche Electrical Electriques elektrisch	Pneumatiche Pneumatic Pneumatiques pneumatisch
7/8" (22,2)	10	0.134	3,40	0.607	15,4	3/8" (9,5)	F90 + M4V Matex	Macrol 450
	11	0.120	3,05	0.635	16,1			
	12	0.109	2,77	0.657	16,6			
	13	0.095	2,41	0.685	17,4			
	14	0.083	2,11	0.709	18,0		F90 + M4L MS40 Matex	Macrol 750
	15	0.072	1,83	0.731	18,5			
	16	0.065	1,65	0.745	18,9			
	17	0.058	1,47	0.759	19,2			
	18	0.049	1,24	0.777	19,7			
	19	0.042	1,07	0.791	20,1			
	20	0.035	0,89	0.805	20,4			
	21	0.032	0,81	0.811	20,6			
	22	0.028	0,71	0.819	20,8			
1" (25,4)	8	0.165	4,19	0.670	17,0	3/8" (9,5)	F90 + M4L M4V Matex	Macrol 200
	9	0.148	3,76	0.704	17,8			
	10	0.134	3,40	0.732	18,6			
	11	0.120	3,05	0.760	19,3			
	12	0.109	2,77	0.782	19,8			Macrol 450
	13	0.095	2,41	0.810	20,5			
	14	0.083	2,11	0.834	21,1			
	15	0.072	1,83	0.856	21,7			
	16	0.065	1,65	0.870	22,1			
	17	0.058	1,47	0.884	22,4			
	18	0.049	1,24	0.902	22,9			
	19	0.042	1,07	0.916	23,2			
	20	0.035	0,89	0.930	23,6			
	21	0.032	0,81	0.936	23,8			
	22	0.028	0,71	0.944	24,0			
1.1/4" (31,8)	7	0.180	4,57	0.890	22,6	1/2" (12,7)	F90 + M4L M4V Matex	Macrol 130
	8	0.165	4,19	0.920	23,3			
	9	0.148	3,76	0.954	24,3			
	10	0.134	3,40	0.982	24,9			
	11	0.120	3,05	1.010	25,6			Macrol 200
	12	0.109	2,77	1.032	26,2			
	13	0.095	2,41	1.060	26,9			
	14	0.083	2,11	1.084	27,5			
	15	0.072	1,83	1.106	28,0			
	16	0.065	1,65	1.120	28,4			
	17	0.058	1,47	1.134	28,8			
	18	0.049	1,24	1.152	29,2			

Consigliate
Suggested
Conseillées
Empfehlung

Possibili
Possible
Possibles
Variationsmöglichkeiten

/ XX - YY



Tubo
Tube
Rohr



CH-DH



BH

Mandrinatrici consigliate per
Suggested rolling machines for
Dudgeonneuses conseillées pour
Empfohlene Rohreinwalzanlagen für

CH/42-DH/42-BH/42
L_U = 42 mm (1.653")

Elettriche
Electrical
Electriques
elektrisch

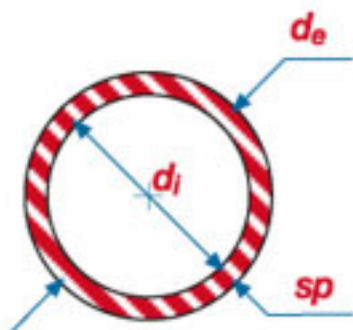
Pneumatiche
Pneumatic
Pneumatiques
pneumatisch

de inches mm	sp		di		Expansion Expansion Walzbereich		Size Dimension Größe	Expansion Expansion Walzbereich		 mm inches	Electriques elektrisch		Pneumatiques pneumatisch		
	B.W.G.	inches	mm	inches	mm	inches		mm	inches		mm	CH/42 DH/42	BH/42	CH/42 DH/42	BH/42
1.1/4" (31,8)	17	0.058	1,47	1.134	28,8	1.102 ÷ 1.280	28,0 ÷ 32,5	14	1.102 ÷ 1.299	28,0 ÷ 33,0	1/2" (12,7)	F90 + M4L Matex	M4V Matex	Macrol 200	Macrol 450
	18	0.049	1,24	1.152	29,2										
1.1/2" (38,1)	7	0.180	4,57	1.140	28,9	1.102 ÷ 1.280	28,0 ÷ 32,5	14	1.102 ÷ 1.299	28,0 ÷ 33,0	1/2" (12,7)	F90 + MG49 M4L	F90 + M4L M4V	Masterrol 180	Macrol 200
	8	0.165	4,19	1.170	29,7										
	9	0.148	3,76	1.204	30,6										
	10	0.134	3,40	1.232	31,2	1.181 ÷ 1.358	30,0 ÷ 34,5	15	1.181 ÷ 1.378	30,0 ÷ 35,0		F90 + MG49 M4L	F90 + M4L M4V	Macrol 130	Macrol 200
	11	0.120	3,05	1.260	32,0										
	12	0.109	2,77	1.282	32,5										
	13	0.095	2,41	1.310	33,2	1.260 ÷ 1.437	32,0 ÷ 36,5	16	1.260 ÷ 1.457	32,0 ÷ 37,0		Matex	Matex	Macrol 200	Macrol 450
	14	0.083	2,11	1.334	33,8										
	15	0.072	1,83	1.356	34,4										
	16	0.065	1,65	1.370	34,8	1.339 ÷ 1.516	34,0 ÷ 38,5	17	1.339 ÷ 1.535	34,0 ÷ 39,0		Matex	Matex	Macrol 200	Macrol 450
	17	0.058	1,47	1.384	35,1										
	18	0.049	1,24	1.402	35,6										
19	0.042	1,07	1.416	35,9											
20	0.035	0,89	1.430	36,3											
1.3/4" (44,4)	7	0.180	4,57	1.390	35,2	1.339 ÷ 1.516	34,0 ÷ 38,5	17	1.339 ÷ 1.535	34,0 ÷ 39,0	1/2" (12,7) 3/4" (19,0)	F90 + MG49	F90 + M4L MG49	Masterrol 180 Macrol 130	
	8	0.165	4,19	1.420	36,0										
	9	0.148	3,76	1.454	36,9										
	10	0.134	3,40	1.482	37,6	1.417 ÷ 1.654	36,0 ÷ 42,0	18	1.417 ÷ 1.673	36,0 ÷ 42,5		Matex	Matex		
	11	0.120	3,05	1.510	38,3										
	12	0.109	2,77	1.532	38,8										
	13	0.095	2,41	1.560	39,6	1.496 ÷ 1.732	38,0 ÷ 44,0	19	1.496 ÷ 1.752	38,0 ÷ 44,5					
	14	0.083	2,11	1.584	40,2										
2" (50,8)	7	0.180	4,57	1.640	41,6	1.575 ÷ 1.850	40,0 ÷ 47,0	20	1.575 ÷ 1.870	40,0 ÷ 47,5	3/4" (19,0)	F90 + MG49	F90 + M4L MG49	Masterrol 90	
	8	0.165	4,19	1.670	42,4										
	9	0.148	3,76	1.704	43,3	1.654 ÷ 1.929	42,0 ÷ 49,0	21	1.654 ÷ 1.949	42,0 ÷ 49,5		Matex	Matex	Masterrol 180	
	10	0.134	3,40	1.732	44,0										
	11	0.120	3,05	1.760	44,7	1.732 ÷ 2.008	44,0 ÷ 51,0	22	1.732 ÷ 2.047	44,0 ÷ 52,0					
	12	0.109	2,77	1.782	45,2										
	13	0.095	2,41	1.810	46,0	1.811 ÷ 2.087	46,0 ÷ 53,0	23	1.811 ÷ 2.126	46,0 ÷ 54,0		Matex	Matex	Masterrol 180	
	14	0.083	2,11	1.834	46,6										
	15	0.072	1,83	1.856	47,1										
	16	0.065	1,65	1.870	47,5										
	17	0.058	1,47	1.884	47,8										
	18	0.049	1,24	1.902	48,3										

Consigliate
Suggested
Conseillées
Empfehlung

Possibili
Possible
Possibles
Variationsmöglichkeiten

/ XX - YY



Tubo
Tube
Rohr



CH-DH

BH

Mandrinatrici consigliate per
Suggested rolling machines for
Duggeonneuses conseillées pour
Empfohlene Rohreinwalzanlagen für

CH/42-DH/42-BH/42

$L_u = 42$ mm (1.653")

Elettriche
Electrical
Electriques
elektrisch

Pneumatiche
Pneumatic
Pneumatiques
pneumatisch

Espansione
Expansion
Expansion
Walzbereich

Grandezza
Size
Dimension
Größe

Espansione
Expansion
Expansion
Walzbereich

mm
inches

CH/42
DH/42

BH/42

CH/42
DH/42

BH/42

de
inches
mm

sp
inches
mm

di
inches
mm

inches
mm

inches
mm

mm
inches

CH/42
DH/42

BH/42

CH/42
DH/42

BH/42

2.1/4"
(57,2)

7

0.180

4,57

1.890

48,0

1.811 ÷ 2.086

46,0 ÷ 53,0

23

1.811 ÷ 2.125

46,0 ÷ 54,0

3/4"
(19,0)

F90
+
MG/49

Masterrol
90

8

0.165

4,19

1.920

48,8

1.889 ÷ 2.165

48,0 ÷ 55,0

24

1.889 ÷ 2.204

48,0 ÷ 56,0

9

0.148

3,76

1.954

49,7

1.968 ÷ 2.322

50,0 ÷ 59,0

25

1.968 ÷ 2.362

50,0 ÷ 60,0

10

0.134

3,40

1.982

50,4

2.047 ÷ 2.401

52,0 ÷ 61,0

26

2.047 ÷ 2.440

52,0 ÷ 62,0

11

0.120

3,05

2.010

51,1

12

0.109

2,77

2.032

51,6

13

0.095

2,41

2.060

52,4

14

0.083

2,11

2.084

53,0

15

0.072

1,83

2.106

53,5

16

0.065

1,65

2.120

53,9

2.1/2"
(63,5)

7

0.180

4,57

2.140

54,3

2.047 ÷ 2.401

52,0 ÷ 61,0

26

2.047 ÷ 2.440

52,0 ÷ 62,0

3/4"
(19,0)

F90
+
MG/49

Masterrol
90

8

0.165

4,19

2.170

55,1

2.125 ÷ 2.480

54,0 ÷ 63,0

27

2.125 ÷ 2.519

54,0 ÷ 64,0

9

0.148

3,76

2.204

56,0

2.204 ÷ 2.559

56,0 ÷ 65,0

28

2.204 ÷ 2.598

56,0 ÷ 66,0

10

0.134

3,40

2.232

56,7

11

0.120

3,05

2.260

57,4

12

0.109

2,77

2.282

57,9

13

0.095

2,41

2.310

58,7

14

0.083

2,11

2.334

59,3

15

0.072

1,83

2.356

59,8

16

0.065

1,65

2.370

60,2

2.283 ÷ 2.637

58,0 ÷ 67,0

29

2.283 ÷ 2.677

58,0 ÷ 68,0

F90
+
M4/L

Masterrol
180

17

0.058

1,47

2.384

60,5

18

0.049

1,24

2.402

61,0

2.3/4"
(69,8)

7

0.180

4,57

2.390

60,6

2.283 ÷ 2.637

58,0 ÷ 67,0

29

2.283 ÷ 2.677

58,0 ÷ 68,0

3/4"
(19,0)

F90
+
MG/36

Masterrol
90

8

0.165

4,19

2.420

61,4

2.362 ÷ 2.716

60,0 ÷ 69,0

30

2.362 ÷ 2.755

60,0 ÷ 70,0

9

0.148

3,76

2.454

62,3

10

0.134

3,40

2.482

63,0

11

0.120

3,05

2.510

63,7

12

0.109

2,77

2.532

64,2

2.441 ÷ 2.795

62,0 ÷ 71,0

31

2.441 ÷ 2.835

62,0 ÷ 72,0

13

0.095

2,41

2.560

65,0

14

0.083

2,11

2.584

65,6

15

0.072

1,83

2.606

66,1

2.519 ÷ 2.874

64,0 ÷ 73,0

32

2.519 ÷ 2.913

64,0 ÷ 74,0

F90
+
MG/49

Masterrol
90

16

0.065

1,65

2.620

66,5

3"
(76,2)

6

0.203

5,16

2.594

65,9

2.519 ÷ 2.874

64,0 ÷ 73,0

32

2.519 ÷ 2.913

64,0 ÷ 74,0

3/4"
(19,0)

F90
+
MG/36

Masterrol
90

7

0.180

4,57

2.640

67,0

8

0.165

4,19

2.670

67,8

2.598 ÷ 2.952

66,0 ÷ 75,0

33

2.598 ÷ 2.992

66,0 ÷ 76,0

9

0.148

3,76

2.704

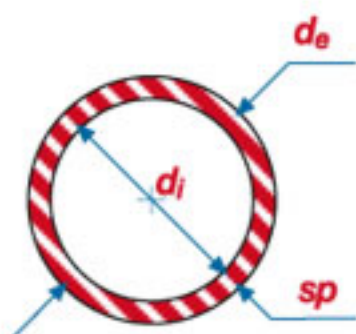
68,7

10

0.134

3,40

2.732



Tubo
Tube
Rohr



CH-DH

BH

Mandrinatrici consigliate per
Suggested rolling machines for
Dudgeonneuses conseillées pour
Empfohlene Rohreinwalzanlagen für

CH/42-DH/42-BH/42

$L_u = 42 \text{ mm}$ (1.653")

d_e inches mm		sp B.W.G. inches mm		d_i inches mm		Espansione Expansion Expansion Walzbereich inches mm		Grandezza Size Dimension Größe	Espansione Expansion Expansion Walzbereich inches mm		$\frac{\Delta}{mm}$ inches	Elettriche Electrical Electriques elektrisch CH/42 DH/42 BH/42		Pneumatiche Pneumatic Pneumatiques pneumatisch CH/42 DH/42 BH/42	
3.1/4" (82,6)	6	0.203	5,16	2.844	72,3	2.755 ÷ 3.110	70,0 ÷ 79,0	35	2.755 ÷ 3.149	70,0 ÷ 80,0	1" (25,4)	F90 + MG/36	R	Masterrol 90	
	7	0.180	4,57	2.890	73,4	2.834 ÷ 3.188	72,0 ÷ 81,0	36	2.834 ÷ 3.228	72,0 ÷ 82,0					
	8	0.165	4,19	2.920	74,2										
	9	0.148	3,76	2.954	75,1							2.913 ÷ 3.267	74,0 ÷ 83,0	37	2.913 ÷ 3.307
	10	0.134	3,40	2.982	75,8										
	11	0.120	3,05	3.010	76,5	2.992 ÷ 3.346	76,0 ÷ 85,0	38	2.992 ÷ 3.338	76,0 ÷ 86,0					
	12	0.109	2,77	3.032	77,0										
	13	0.095	2,41	3.060	77,8										
	14	0.083	2,11	3.084	78,4	2.992 ÷ 3.346	76,0 ÷ 85,0	38	2.992 ÷ 3.338	76,0 ÷ 86,0		F90 + MG/49	Masterrol 90		
15	0.072	1,83	3.106	78,9											
16	0.065	1,65	3.120	79,3											
3.1/2" (88,9)	6	0.203	5,16	3.094	78,6	2.992 ÷ 3.346	76,0 ÷ 85,0	38	2.992 ÷ 3.338	76,0 ÷ 86,0	1" (25,4)	F90 + MG/30	F90 + MG/36	R	Masterrol 90
	7	0.180	4,57	3.140	79,7	3.070 ÷ 3.425	78,0 ÷ 87,0	39	3.070 ÷ 3.464	78,0 ÷ 88,0					
	8	0.165	4,19	3.170	80,5										
	9	0.148	3,76	3.204	81,4							3.149 ÷ 3.582	80,0 ÷ 91,0	40	3.149 ÷ 3.622
	10	0.134	3,40	3.232	82,1										
	11	0.120	3,05	3.020	82,8	3.228 ÷ 3.661	82,0 ÷ 93,0	41	3.228 ÷ 3.700	82,0 ÷ 94,0					
	12	0.109	2,77	3.282	83,3										
	13	0.095	2,41	3.310	84,1										
	14	0.083	2,11	3.334	84,7	3.228 ÷ 3.661	82,0 ÷ 93,0	41	3.228 ÷ 3.700	82,0 ÷ 94,0		F90 + MG/49	F90 + MG/49	Masterrol 90	
15	0.072	1,83	3.356	85,2											
16	0.065	1,65	3.370	85,6											
3.3/4" (95,2)	6	0.203	5,16	3.344	84,9	3.228 ÷ 3.661	82,0 ÷ 93,0	41	3.228 ÷ 3.700	82,0 ÷ 94,0	1" (25,4)	F90 + MG/30	F90 + MG/49	R	Masterrol 90
	7	0.180	4,57	3.390	86,0	3.307 ÷ 3.740	84,0 ÷ 95,0	42	3.307 ÷ 3.779	84,0 ÷ 96,0					
	8	0.165	4,19	3.420	86,8										
	9	0.148	3,76	3.454	87,8							3.385 ÷ 3.818	86,0 ÷ 97,0	43	3.385 ÷ 3.858
	10	0.134	3,40	3.482	88,4										
	11	0.120	3,05	3.510	89,1	3.464 ÷ 3.897	88,0 ÷ 99,0	44	3.464 ÷ 3.937	88,0 ÷ 100,0					
	12	0.109	2,77	3.532	89,6										
	13	0.095	2,41	3.560	90,4										
	14	0.083	2,11	3.584	91,1	3.464 ÷ 3.897	88,0 ÷ 99,0	44	3.464 ÷ 3.937	88,0 ÷ 100,0		F90 + MG/36	F90 + MG/49	Masterrol 90	
15	0.072	1,83	3.606	91,5											
16	0.065	1,65	3.620	91,9											
4" (101,6)	6	0.203	5,16	3.594	91,3	3.464 ÷ 3.897	88,0 ÷ 99,0	44	3.464 ÷ 3.937	88,0 ÷ 100,0	1" (25,4)	F90 + MG/30	R	Masterrol 90	
	7	0.180	4,57	3.640	92,4	3.543 ÷ 3.976	90,0 ÷ 101,0	45	3.543 ÷ 4.015	90,0 ÷ 102,0					
	8	0.165	4,19	3.670	93,2										
	9	0.148	3,76	3.704	94,1							3.622 ÷ 4.055	92,0 ÷ 103,0	46	3.622 ÷ 4.094
	10	0.134	3,40	3.732	94,8										
	11	0.120	3,05	3.760	95,5	3.700 ÷ 4.133	94,0 ÷ 105,0	47	3.700 ÷ 4.173	94,0 ÷ 106,0					
	12	0.109	2,77	3.782	96,0										
	13	0.095	2,41	3.810	96,8										
	14	0.083	2,11	3.834	97,4	3.700 ÷ 4.133	94,0 ÷ 105,0	47	3.700 ÷ 4.173	94,0 ÷ 106,0		F90 + MG/36	F90 + MG/49	Masterrol 90	
15	0.072	1,83	3.856	97,9											
16	0.065	1,65	3.870	98,3											

/ XX - YY

a richiesta
on request
sur demande
Auf Anfrage

R

Tubo
Tube
Rohr

Mandrinatrici consigliate per
Suggested rolling machines for
Dudgeonneuses conseillées pour
Empfohlene Rohreinwalzanlagen für

CH/42-DH/42-BH/42

L_U = 42 mm (1.653")

CH-DH

BH

Espansione
Expansion
Expansion
Walzbereich

Grandezza
Size
Dimension
Größe

Espansione
Expansion
Expansion
Walzbereich

Elettriche
Electrical
Electriques
elektrisch

Pneumatiche
Pneumatic
Pneumatiques
pneumatisch

mm
inches

CH/42
DH/42

BH/42

CH/42
DH/42

BH/42

de
inches
mm

sp

di

inches

mm

inches

mm

mm
inches

CH/42
DH/42

BH/42

CH/42
DH/42

BH/42

4.1/4"
(108,0)

1"
(25,4)

4.1/2"
(114,3)

1"
(25,4)

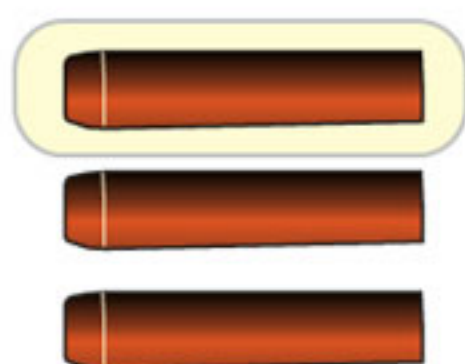
/ XX - YY

a richiesta
on request
sur demande
Auf Anfrage **R**

Ricambi rulli
Spare rolls
Pièces détachées galets
Ersatzteile Rollen

Codice d'esempio di ordinazione per rullo singolo del mandrino
Sample ordering code for a single tube expander roll
Code d'exemple de commande pour galets individuels du dudgeon
Bestellnummer als Beispiel für die Bestellung der Einzelrolle der Rohrwalze

BH



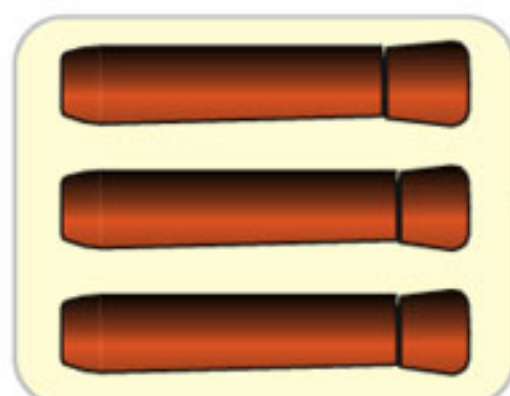
BH/42-20

R-BH/ 42 - 20

Lunghezza di mandrinatura
Lunghezza di mandrinatura
length of rolls
Einwalzlänge

Grandezza
Size
Dimension
Größe

CH-DH



CH/28-12 • DH/28-12

R-CDH/ 28 - 12

Lunghezza di mandrinatura
Lunghezza di mandrinatura
length of rolls
Einwalzlänge

Grandezza
Size
Dimension
Größe