



Travellers for T flange rings

Type	Shape	Wire section	Traveller N°	ISO N°	Inserting Tools
Flange 1/2: 2,6 mm					
C 1/2 EL		udr	28/0 - 8/0	6,3 - 25	-
C 1/2 UM		udr	28/0 - 2/0	6,3 - 50	-
Flange 1: 3,2 mm					
L 1		f	26/0 - 3	7,1 - 80	L 1
		udr	12/0 - 2	18 - 71	
M 1		f	19/0 - 10	11,2 - 160	M 1
		dr	16/0 - 18	14 - 315	
		udr	7/0 - 5	28 - 95	
C 1 B 7/8 S		udr	4 - 12	90 - 200	
C 1 SEEL		udr	22/0 - 4/0	9 - 40	-
EL 1		f	20/0 - 1/0	10 - 56	EL 1
		dr	14/0 - 3	16 - 80	
		udr	26/0 - 1/0	7,1 - 56	
C 1 SL		dr	20/0 - 2/0	10 - 50	C 1 SL
C 1 UL		f	16/0 - 2/0	14 - 50	C 1 UL
		udr	20/0 - 9	10 - 140	
C 1 MM		udr	12/0 - 22	18 - 375	C 1 MM
EM 1		f	6/0 - 10	31,5 - 160	EM 1
		dr	10/0 - 18	22,4 - 315	
		udr	10/0 - 5	22,4 - 95	
		fr	7/0 - 1	28 - 63	EM 1 fr
C 1 UM		udr	11/0 - 10	20 - 160	C 1 UM
C 1 LM		udr	9/0 - 6	23,5 - 100	C 1 LM
C 1 SM		fr	5/0 - 16	35,5 - 280	C 1 SM
C 1 SH		fr	4/0 - 12	40 - 200	C 1 SH
Flange 2: 4 mm					
M 2		f	7/0 - 6	28 - 100	M 2
		dr	12/0 - 6	18 - 100	
		udr	6/0 - 10	31,5 - 160	
M 2 / EM 2		r	5/0 - 10	35,5 - 160	M 2 r
H 2		f	1 - 14	63 - 250	H 2
		dr	3/0 - 36	45 - 560	
		fr	3/0 - 12	45 - 200	H 2 fr
C 2 HW		dr	6 - 26	100 - 425	C 2 HW
C 2		f	1 - 120	63 - 1600	
		r	5/0 - 80	35,5 - 1120	
EM 2		f	4/0 - 13	40 - 224	EM 2
		dr	7/0 - 8	28 - 125	
C 2 UM		udr	6/0 - 8	31,5 - 125	C 2 UM
C 2 MM		dr	4/0 - 18	40 - 315	C 2 MM
E H 2		dr	3/0 - 36	45 - 560	E H 2



Travellers for oblique flange rings

Type	Shape	Wire section	ISO N°	Inserting Tools
for ORBIT rings				
PM		dr	12,5 - 140	SFB 2,8
		udr	18 - 80	
		r	25 - 63	
RL		dr	12,5 - 71	



Travellers for oblique flange rings

Type	Shape	Wire section	ISO N°	Inserting Tools
for SU rings				
SU-BF		drh	31,5 - 160	SU
SU-B		r	35,5 - 280	
SU-BM		drh	35,5 - 280	



	f	flat
	dr	half round
	udr	ultra half round
	drh	half round high
	fr	flat round
	r	round

Traveller speeds

in m/s (rounded figures), ring diameter 36-70 mm

$$\text{Formula: } \frac{\text{ring diameter} \times \pi \times n}{1000 \times 60} = \text{m/s}$$

Feet/min: ~ m/s x 200

Ring-Ø		Spindle speed n/min																																																																					
mm	Inch	9 000	9 500	10 000	10 500	11 000	11 500	12 000	12 500	13 000	13 500	14 000	14 500	15 000	15 500	16 000	16 500	17 000	17 500	18 000	18 500	19 000	19 500	20 000	20 500	21 000	21 500	22 000	22 500	23 000	23 500	24 000	24 500	25 000																																					
70	2 ^{3/4}	33	34	36	38	40	42																																																																
67	2 ^{5/8}	31	33	35	36	38	40	42	43	45																																																													
63	2 ^{1/2}	29	31	33	34	36	38	39	41	42																																																													
60	2 ^{3/8}	28	29	31	33	34	36	37	39	40	42	44	45																																																										
57	2 ^{1/4}	25	27	28	30	31	32	34	35	37	38	40	41																																																										
54	2 ^{1/8}	25	26	28	29	31	32	34	35	36	38	39	41	42	43	45																																																							
51	2	24	25	26	28	29	30	32	33	34	36	37	38	40	41	42																																																							
48	1 ^{7/8}	22	24	25	26	27	29	30	31	32	34	35	36	37	39	40	41	42	44																																																				
45	1 ^{3/4}	21	22	23	24	26	27	28	29	30	31	33	34	35	36	37	39	40	41	42	43	44																																																	
42	1 ^{5/8}	20	21	22	23	24	25	26	27	28	29	30	32	33	34	35	36	37	38	39	40	41	43	44	45																																														
40	1 ^{9/16}	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	41	42	43	44	45																																												
38	1 ^{1/2}				21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	40	41	42	43	45	46	47	48	49	50																																					
36	1 ^{27/64}							23	24	25	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	41	42	43	44	45	46	47																																					
		9 000	9 500	10 000	10 500	11 000	11 500	12 000	12 500	13 000	13 500	14 000	14 500	15 000	15 500	16 000	16 500	17 000	17 500	18 000	18 500	19 000	19 500	20 000	20 500	21 000	21 500	22 000	22 500	23 000	23 500	24 000	24 500	25 000																																					
		Spindle speed n/min																																																																					

Complementary products

Inserting tools



Cleaning devices



Spinning rings

Bräcker

Bräcker AG
Obermattstrasse 65
CH-8330 Pfäffikon-Zürich
Switzerland
Tel +41 44 953 14 14
Fax +41 44 953 14 90
E-mail sales@bracker.ch
Web www.bracker.ch

Bräcker SAS
132, rue Clemenceau
FR-68920 Wintzenheim
France
Tel +33 3 89 27 00 07
Fax +33 3 89 27 52 30
E-mail sales@bracker.fr
Web www.bracker.fr

Bräcker S.R.L. - Italy
E-mail sales@bracker.it

Bracker de Mexico SA de C.V.
E-mail brackerm@avantel.net

Agencies see
www.bracker.ch



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