



Forming Taps for Stainless Steel and Aluminium Alloys

M-NRT

Volume 1



KEY FEATURES : M-NRT



1 Low-torque spec with specially designed threading for Inox and aluminum

2 TiN coating

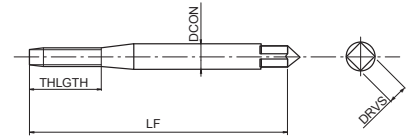
3 High wear resistance. Powder Metallurgy HSS.

M-NRT

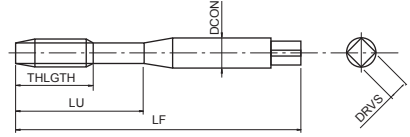
Threading | Forming taps | Metric



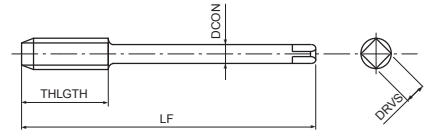
Type 1



Type 2



Type 3



- Powder metal forming tap for through & blind holes
- TiN coating
- For general steel, stainless steels and aluminum

P C < 0,2%	P 0,25 < C < 0,4	P C > 0,45%	P SCM	M INOX	N Al	N AC, ADC			
20-30	20-30	15-30	10-20	6-12	10-25	15-40	m/min		

M	PM	TiN	ISO 2 6HX	C/2,5			DIN 2174	DIN 2174
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* Tolerance 4HX

EDP	TD	TP	LF	THLGTH	LU	DCON	DRVS	NOF	PHD	Type	DIN	Price
EP0203111*	1	0,25	40	5,5		2,5	2,1	3	0,89	1	DIN2174	
EP0203115*	1,4	0,3	40	7		2,5	2,1	3	1,27	1	DIN2174	
EP0203118	1,6	0,35	40	8		2,5	2,1	3	1,44	1	DIN2174	
EP0203125	2	0,4	45	9		2,8	2,1	3	1,82	1	DIN2174	
EP0203133	2,5	0,45	50	9	14	2,8	2,1	4	2,3	2	DIN2174	
EP0203138	3	0,5	56	10	18	3,5	2,7	4	2,8	2	DIN2174	
EP0203142	3,5	0,6	56	11	20	4	3	4	3,25	2	DIN2174	
EP0203144	4	0,7	63	12	21	4,5	3,4	4	3,7	2	DIN2174	
EP0203147	4,5	0,75	70	14	25	6	4,9	4	4,15	2	DIN2174	
EP0203149	5	0,8	70	14	25	6	4,9	5	4,65	2	DIN2174	
EP0203152	5,5	0,9	80	14	30	6	4,9	5	5,1	2	DIN2174	
EP0203155	6	1	80	16	30	6	4,9	5	5,55	2	DIN2174	
EP0203158	7	1	80	16	30	7	5,5	5	6,55	2	DIN2174	
EP0203161	8	1,25	90	18	35	8	6,2	5	7,45	2	DIN2174	
EP0203165	9	1,25	90	18	35	9	7	5	8,45	2	DIN2174	
EP0203169	10	1,5	100	20	39	10	8	5	9,35	2	DIN2174	
EP0203175	11	1,5	100	22		8	6,2	5	10,35	3	DIN2174	
EP0203179	12	1,75	110	24		9	7	5	11,2	3	DIN2174	
EP0203191	14	2	110	25		11	9	6	13,1	3	DIN2174	
EP0203202	16	2	110	27		12	9	6	15,1	3	DIN2174	
EP0203214	18	2,5	125	32		14	11	7	16,8	3	DIN2174	
EP0203228	20	2,5	140	32		16	12	7	18,8	3	DIN2174	
EP0203238	22	2,5	140	32		18	14,5	7	20,8	3	DIN2174	
EP0203247	24	3	160	36		18	14,5	7	22,6	3	DIN2174	

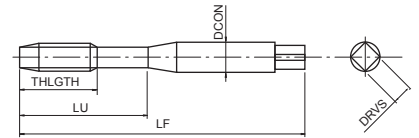


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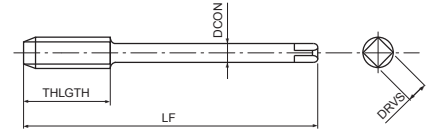
Threading | Forming taps | Metric



Type 1



Type 2



- Powder metal forming tap for through & blind holes
- TiN coating
- For general steel, stainless steels and aluminum
- With side through coolant

P	P	P	P	M	N	N	m/min
C < 0,2%	0,25 < C < 0,4	C > 0,45%	SCM	INOX	AI	AC,ADC	
20-30	20-30	15-30	10-20	6-12	10-25	15-40	

M	PM	TiN	ISO 2 6HX					DIN 2174	DIN 2174
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EDP	TD	TP	LF	THLGTH	LU	DCON	DRVS	NOF	PHD	Type	DIN	Price
EP0206149	5	0,8	70	14	25	6	4,9	5	4,65	1	DIN2174	
EP0206155	6	1	80	16	30	6	4,9	5	5,55	1	DIN2174	
EP0206161	8	1,25	90	18	35	8	6,2	5	7,45	1	DIN2174	
EP0206169	10	1,5	100	20	39	10	8	5	9,35	1	DIN2174	
EP0206179	12	1,75	110	24		9	7	5	11,2	2	DIN2174	
EP0206191	14	2	110	25		11	9	6	13,1	2	DIN2174	
EP0206202	16	2	110	27		12	9	6	15,1	2	DIN2174	
EP0206214	18	2,5	125	32		14	11	7	16,8	2	DIN2174	
EP0206228	20	2,5	140	32		16	12	7	18,8	2	DIN2174	
EP0206238	22	2,5	140	32		18	14,5	7	20,8	2	DIN2174	
EP0206247	24	3	160	36		18	14,5	7	22,6	2	DIN2174	

Threading | Forming taps
Metric

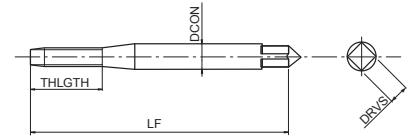
M-NRT FORM E

Threading | Forming taps | Metric

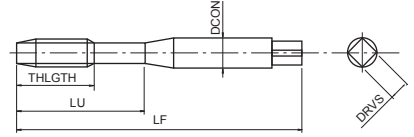


- Powder metal forming tap for through & blind holes
- TiN coating
- For general steel, stainless steels and aluminum
- Chamfer Form E

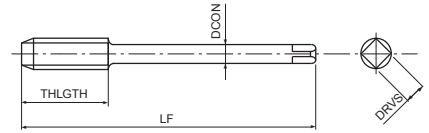
Type 1



Type 2



Type 3



P	P	P	P	M	N	N	m/min
C < 0,2%	0,25 < C < 0,4	C > 0,45%	SCM	INOX	Al	AC,ADC	
20-30	20-30	15-30	10-20	6-12	10-25	15-40	

M	PM	TiN	ISO 2 6HX	E/1,5			DIN 2174	DIN 2174
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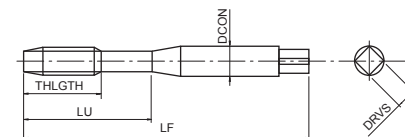
EDP	TD	TP	LF	THLGTH	LU	DCON	DRVS	NOF	PHD	Type	DIN	Price
EP0205125	2	0,4	45	9		2,8	2,1	3	1,82	1	DIN2174	
EP0205133	2,5	0,45	50	9	14	2,8	2,1	4	2,3	2	DIN2174	
EP0205138	3	0,5	56	10	18	3,5	2,7	4	2,8	2	DIN2174	
EP0205142	3,5	0,6	56	11	20	4	3	4	3,25	2	DIN2174	
EP0205144	4	0,7	63	12	21	4,5	3,4	4	3,7	2	DIN2174	
EP0205149	5	0,8	70	14	25	6	4,9	5	4,65	2	DIN2174	
EP0205155	6	1	80	16	30	6	4,9	5	5,55	2	DIN2174	
EP0205161	8	1,25	90	18	35	8	6,2	5	7,45	2	DIN2174	
EP0205169	10	1,5	100	20	39	10	8	5	9,35	2	DIN2174	
EP0205179	12	1,75	110	24		9	7	5	11,2	3	DIN2174	
EP0205191	14	2	110	25		11	9	6	13,1	3	DIN2174	
EP0205202	16	2	110	27		12	9	6	15,1	3	DIN2174	

M-OIL-NRT FORM E

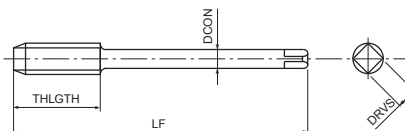
Threading | Forming taps | Metric



Type 1



Type 2



- Powder metal forming tap for blind holes
- TiN coating
- For general steel, stainless steels and aluminum
- Chamfer Form E, center through coolant

P C < 0,2%	P 0,25 < C < 0,4	P C > 0,45%	P SCM	M INOX	N Al	N AC,ADC	m/min
20-30	20-30	15-30	10-20	6-12	10-25	15-40	

M	PM	TiN	ISO 2 6HX	E/1,5	DIN 2174	DIN 2174
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EDP	TD	TP	LF	THLGTH	LU	DCON	DRVS	NOF	PHD	Type	DIN	Price
EP0207149	5	0,8	70	14	25	6	4,9	5	4,65	1	DIN2174	
EP0207155	6	1	80	16	30	6	4,9	5	5,55	1	DIN2174	
EP0207161	8	1,25	90	18	35	8	6,2	5	7,45	1	DIN2174	
EP0207169	10	1,5	100	20	39	10	8	5	9,35	1	DIN2174	
EP0207179	12	1,75	110	24	-	9	7	5	11,2	2	DIN2174	
EP0207191	14	2	110	25	-	11	9	6	13,1	2	DIN2174	
EP0207202	16	2	110	27	-	12	9	6	15,1	2	DIN2174	

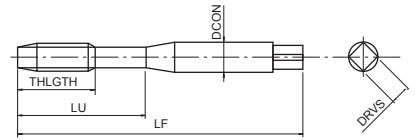
Threading | Forming taps
Metric

M-NRT

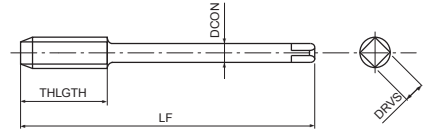
Threading | Forming taps | Metric Fine



Type 1



Type 2



- Powder metal forming tap for through & blind holes
- TiN coating
- For general steel, stainless steels and aluminum

P ●	P ●	P ○	P ○	M ●	N ●	N ●	m/min
C < 0,2%	0,25 < C < 0,4	C > 0,45%	SCM	INOX	Al	Al,ADC	
20-30	20-30	15-30	10-20	6-12	10-25	15-40	

MF	PM	TiN	ISO 2 6HX	C/2,5			DIN 2174
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EDP	TD	TP	LF	THLGTH	LU	DCON	DRVS	NOF	PHD	Type	DIN	Price
EP0203145	4	0,5	63	8	21	4,5	3,4	4	3,8	1	DIN2174	
EP0203151	5	0,5	70	9	25	6	4,9	5	4,8	1	DIN2174	
EP0203157	6	0,5	80	10	30	6	4,9	5	5,8	1	DIN2174	
EP0203156	6	0,75	80	14	30	6	4,9	5	5,65	1	DIN2174	
EP0203160	7	0,75	80	14	30	7	5,5	5	6,65	1	DIN2174	
EP0203164	8	0,5	80	10	35	8	6,2	5	7,775	1	DIN2174	
EP0203163	8	0,75	80	14	35	8	6,2	5	7,65	1	DIN2174	
EP0203162	8	1	90	18	35	8	6,2	5	7,55	1	DIN2174	
EP0203171	10	1	90	18	39	10	8	5	9,55	1	DIN2174	
EP0203170	10	1,25	100	20	39	10	8	5	9,45	1	DIN2174	
EP0203182	12	1	100	22		9	7	5	11,55	2	DIN2174	
EP0203181	12	1,25	100	22		9	7	5	11,45	2	DIN2174	
EP0203180	12	1,5	100	22		9	7	5	11,35	2	DIN2174	
EP0203194	14	1	100	22		11	9	6	13,55	2	DIN2174	
EP0203193	14	1,25	100	22		11	9	6	13,45	2	DIN2174	
EP0203192	14	1,5	100	22		11	9	6	13,35	2	DIN2174	
EP0203204	16	1	100	20		12	9	6	15,55	2	DIN2174	
EP0203203	16	1,5	100	20		12	9	6	15,35	2	DIN2174	
EP0203218	18	1	110	25		14	11	7	17,55	2	DIN2174	
EP0203216	18	1,5	110	25		14	11	7	17,35	2	DIN2174	
EP0203232	20	1	125	25		16	12	7	19,55	2	DIN2174	
EP0203230	20	1,5	125	25		16	12	7	19,35	2	DIN2174	
EP0203240	22	1,5	125	25		18	14,5	7	21,35	2	DIN2174	
EP0203250	24	1,5	140	28		18	14,5	7	23,35	2	DIN2174	

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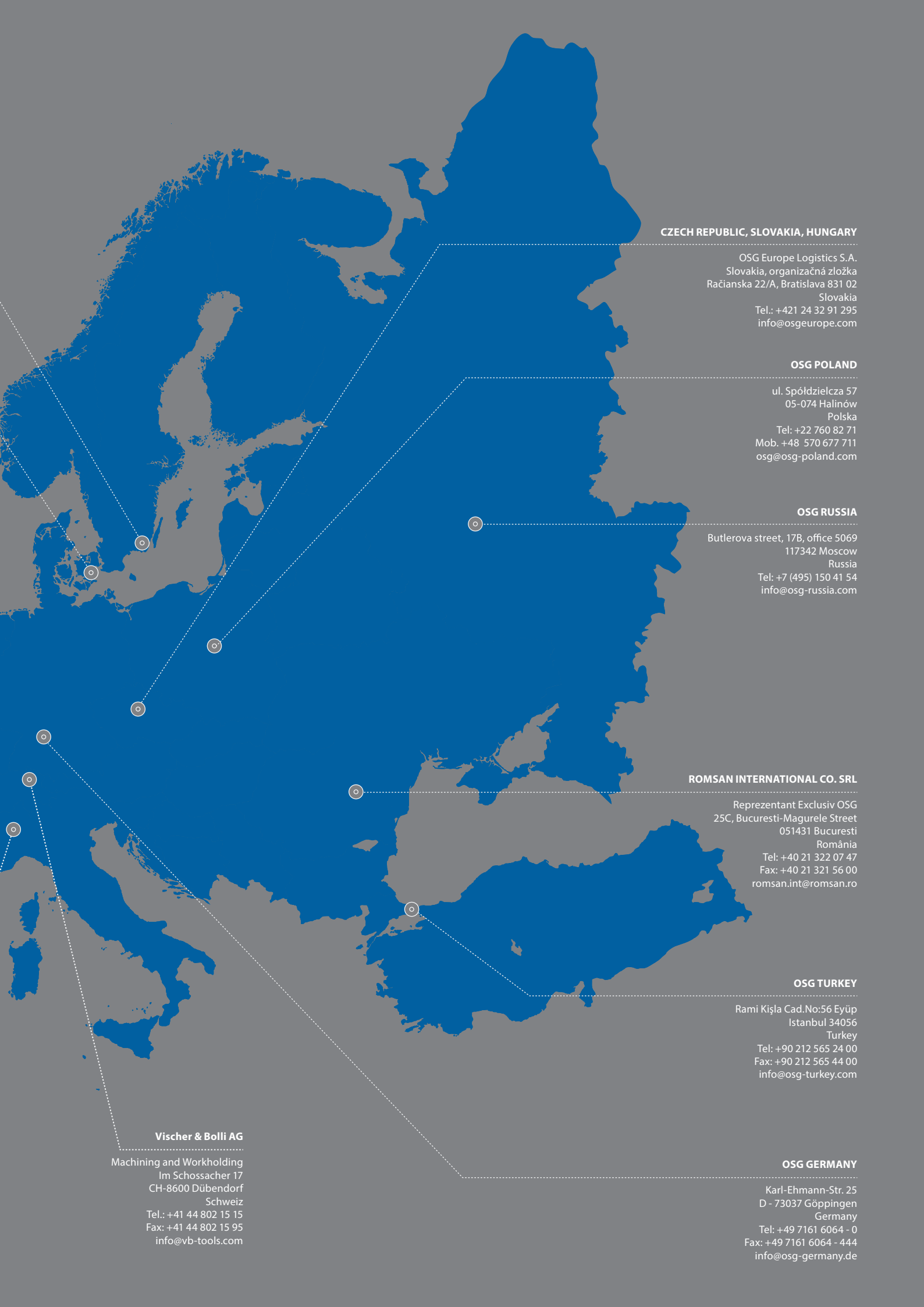
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shaping your dreams

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