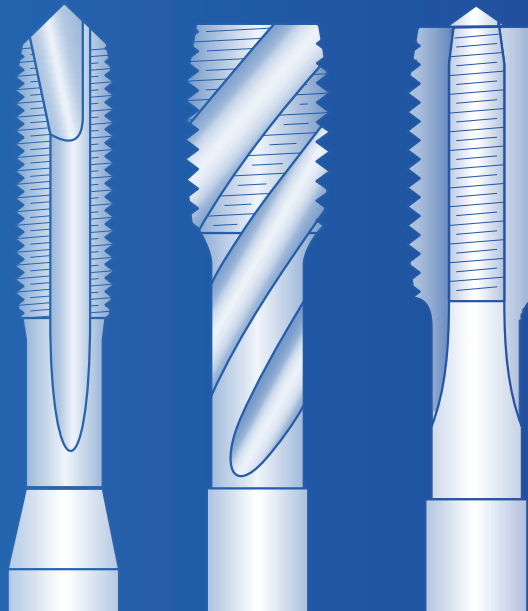




MSTM

ISO 9001:2015 Certified

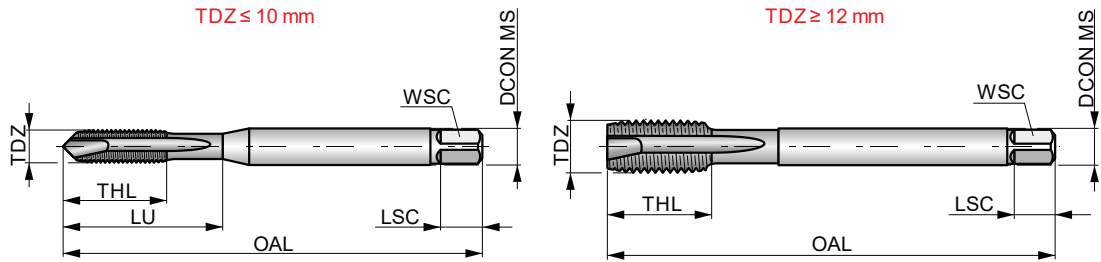
MACHINE TAPS



Freedom  **Series**
Machine Taps

www.mstm.co.in

Metric - HSS-E Spiral Point Machine Tap



CODE	TDZ	TP (mm)	OAL (mm)	THL (mm)	DCON MS(mm)	WSC (mm)	LSC (mm)	NOF	PHD (mm)	LU (mm)
MSC2-FS1-M2X0.4-HG	2.0	0.40	50.0	6	2.80	2.10	5	2	1.60	9.00
MSC2-FS1-M2.5X0.45-HG	2.5	0.45	50.0	8	2.80	2.10	5	3	2.10	12.50
MSC2-FS1-M3X0.5-HG	3.0	0.50	56.0	9	3.50	2.70	6	3	2.50	18.00
MSC2-FS1-M4X0.7-HG	4.0	0.70	63.0	12	4.50	3.40	6	3	3.30	21.00
MSC2-FS1-M5X0.8-HG	5.0	0.80	70.0	13	6.00	4.90	8	3	4.20	25.00
MSC2-FS1-M6X1-HG	6.0	1.00	80.0	15	6.00	4.90	8	3	5.00	30.00
MSC2-FS1-M8X1.25-HG	8.0	1.25	90.0	18	8.00	6.20	9	3	6.80	35.00
MSC2-FS1-M10X1.5-HG	10.0	1.50	100.0	20	10.00	8.00	11	3	8.50	39.00
MSC2-FS1-M12X1.75-HG	12.0	1.75	110.0	23	9.00	7.00	10	3	10.30	-
MSC2-FS1-M14X2-HG	14.0	2.00	110.0	25	11.00	9.00	12	3	12.00	-
MSC2-FS1-M16X2-HG	16.0	2.00	110.0	25	12.00	9.00	12	3	14.00	-
MSC2-FS1-M18X2.5-HG	18.0	2.50	125.0	30	14.00	11.00	14	4	15.50	-
MSC2-FS1-M20X2.5-HG	20.0	2.50	140.0	30	16.00	12.00	15	4	17.50	-
MSC2-FS1-M22X2.5-HG	22.0	2.50	140.0	34	18.00	14.50	17	4	19.50	-
MSC2-FS1-M24X3-HG	24.0	3.00	160.0	38	18.00	14.50	17	4	21.00	-
MSC2-FS1-M27X3-HG	27.0	3.00	160.0	38	20.00	16.00	19	4	24.00	-
MSC2-FS1-M30X3.5-HG	30.0	3.50	180.0	45	22.00	18.00	21	4	26.50	-

UNC - HSS-E Spiral Point Machine Tap

DIN
371/376

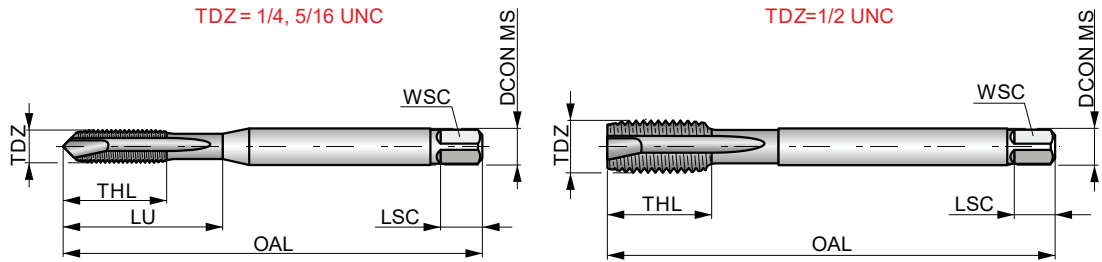
COATING
HG

2B

B
3.5-5



● Recommended ○ Good



CODE	TDZ	TPI	TD (mm)	OAL (mm)	THL (mm)	DCON MS (mm)	WSC (mm)	LSC (mm)	NOF	PHD (mm)	LU (mm)
MSC2-FS1-1/4-20 UNC-HG	1/4	20	6.350	80.0	15	7.00	5.50	8	3	5.10	30.00
MSC2-FS1-5/16-18 UNC-HG	5/16	18	7.938	90.0	18	8.00	6.20	9	3	6.60	35.00
MSC2-FS1-1/2-13 UNC-HG	1/2	13	12.700	110.0	23	9.00	7.00	10	3	10.80	-

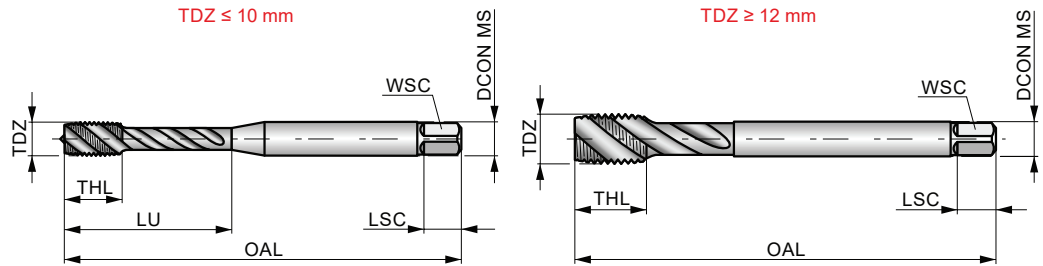
Metric - HSS-E 45° Spiral Flute Machine Tap

DIN
371/376

COATING
HG

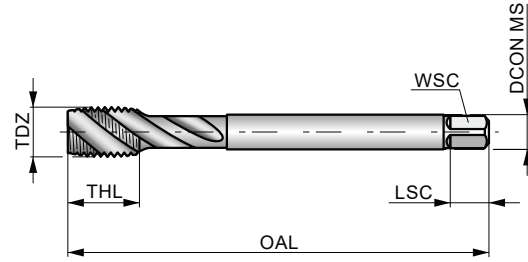
6HX

C
2-3



CODE	TDZ	TP (mm)	OAL (mm)	THL (mm)	DCON MS(mm)	WSC (mm)	LSC (mm)	NOF	PHD (mm)	LU (mm)
MSC2-FS2-M2X0.4-HG	2.0	0.40	45.0	4	2.80	2.10	5	3	1.60	9.00
MSC2-FS2-M2.5X0.45-HG	2.5	0.50	50.0	4	2.80	2.10	5	3	2.10	12.50
MSC2-FS2-M3X0.5-HG	3.0	0.50	56.0	6	3.50	2.70	6	3	2.50	18.00
MSC2-FS2-M4X0.7-HG	4.0	0.70	63.0	7	4.50	3.40	6	3	3.30	21.00
MSC2-FS2-M5X0.8-HG	5.0	0.80	70.0	8	6.00	4.90	8	3	4.20	25.00
MSC2-FS2-M6X1-HG	6.0	1.00	80.0	10	6.00	4.90	8	3	5.00	31.00
MSC2-FS2-M8X1.25-HG	8.0	1.25	90.0	12	8.00	6.20	9	3	6.80	35.00
MSC2-FS2-M10X1.5-HG	10.0	1.50	100.0	15	10.00	8.00	11	3	8.50	39.00
MSC2-FS2-M12X1.75-HG	12.0	1.80	110.0	16	9.00	7.00	10	3	10.30	-
MSC2-FS2-M14X2-HG	14.0	2.00	110.0	20	11.00	9.00	12	3	12.00	-
MSC2-FS2-M16X2-HG	16.0	2.00	110.0	20	12.00	9.00	12	4	14.00	-
MSC2-FS2-M18X2.5-HG	18.0	2.50	125.0	25	14.00	11.00	14	4	15.50	-
MSC2-FS2-M20X2.5-HG	20.0	2.50	140.0	25	16.00	12.00	15	4	17.50	-
MSC2-FS2-M22X2.5-HG	22.0	2.50	140.0	25	18.00	14.50	17	4	19.50	-
MSC2-FS2-M24X3-HG	24.0	3.00	160.0	30	18.00	14.50	17	4	21.00	-
MSC2-FS2-M27X3-HG	27.0	3.00	160.0	30	20.00	16.00	19	4	24.00	-
MSC2-FS2-M30X3.5-HG	30.0	3.50	180.0	36	22.00	18.00	21	4	26.50	-

Metric Fine - HSS-E 45° Spiral Flute Machine Tap



CODE	TDZ	TP (mm)	OAL (mm)	THL (mm)	DCON MS(mm)	WSC (mm)	LSC (mm)	NOF	PHD (mm)
MSC2-FS2-MF8X1-HG	8.0	1.00	90.0	13	6.00	4.90	8	3	7.00
MSC2-FS2-MF10X1-HG	10.0	1.00	90.0	13	7.00	5.50	8	3	9.00
MSC2-FS2-MF12X1.5-HG	12.0	1.50	100.0	15	9.00	7.00	10	3	10.50
MSC2-FS2-MF16X1.5-HG	16.0	1.50	100.0	15	12.00	9.00	12	4	14.50
MSC2-FS2-MF20X1.5-HG	20.0	1.50	125.0	17	16.00	12.00	15	4	18.50

Metric - HSS-E 45° Spiral Flute Machine Tap (Form-E)

DIN
371/376

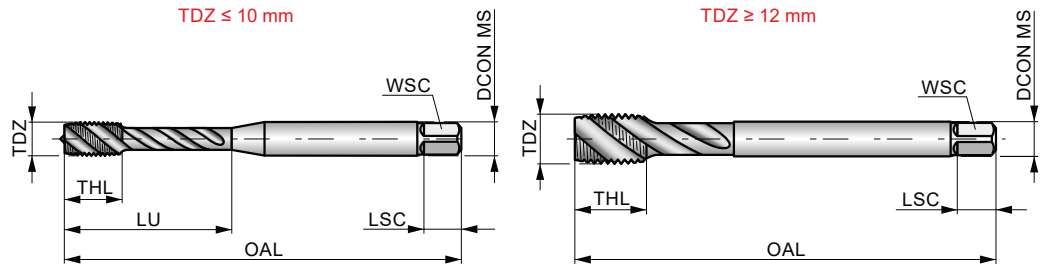
COATING
HG

6HX

E
1.5-2



● Recommended ○ Good



CODE	TDZ	TP (mm)	OAL (mm)	THL (mm)	DCON MS(mm)	WSC (mm)	LSC (mm)	NOF	PHD (mm)	LU (mm)
MSC2-FS2-M4X0.7-E-HG	4.0	0.70	63.0	7	4.50	3.40	6	3	3.30	21.00
MSC2-FS2-M5X0.8-E-HG	5.0	0.80	70.0	8	6.00	4.90	8	3	4.20	25.00
MSC2-FS2-M6X1-E-HG	6.0	1.00	80.0	10	6.00	4.90	8	3	5.00	31.00
MSC2-FS2-M8X1.25-E-HG	8.0	1.25	90.0	12	8.00	6.20	9	3	6.80	35.00
MSC2-FS2-M10X1.5-E-HG	10.0	1.50	100.0	15	10.00	8.00	11	3	8.50	39.00
MSC2-FS2-M12X1.75-E-HG	12.0	1.75	110.0	16	9.00	7.00	10	3	10.30	-

UNC - HSS-E Spiral Flute Machine Tap

DIN
371/376

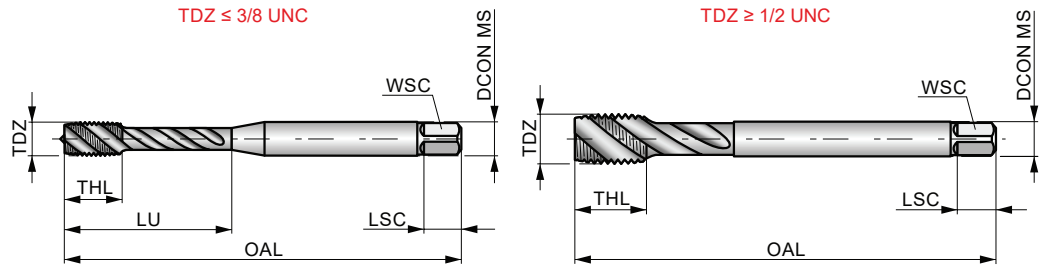
COATING
HG

2B

C
2-3



● Recommended ○ Good



CODE	TDZ	TPI	TD (mm)	OAL (mm)	THL (mm)	DCON MS (mm)	WSC (mm)	LSC (mm)	NOF	PHD (mm)	LU (mm)
MSC2-FS2-NO.6-32 UNC-HG	NO.6-32	32	3.505	56.0	7	4.00	3.00	6	3	2.85	20.00
MSC2-FS2-NO.10-24 UNC-HG	NO.10-24	24	4.826	70.0	8	6.00	4.90	8	3	3.90	25.00
MSC2-FS2-1/4-20 UNC-HG	1/4	20	6.350	80.0	10	7.00	5.50	8	3	5.10	30.00
MSC2-FS2-5/16-18 UNC-HG	5/16	18	7.938	90.0	12	8.00	6.20	9	3	6.60	35.00
MSC2-FS2-3/8-16 UNC-HG	3/8	16	9.525	100.0	15	10.00	8.00	11	3	8.00	39.00
MSC2-FS2-1/2-13 UNC-HG	1/2	13	12.700	110.0	18	9.00	7.00	10	3	10.80	-
MSC2-FS2-5/8-11 UNC-HG	5/8	11	15.875	110.0	20	12.00	9.00	12	4	13.50	-
MSC2-FS2-3/4-10 UNC-HG	3/4	10	19.050	125.0	25	14.00	11.00	14	4	16.50	-
MSC2-FS2-7/8-9 UNC-HG	7/8	9	22.225	140.0	25	18.00	14.50	17	4	19.50	-
MSC2-FS2-1"-8 UNC-HG	1"	8	25.400	160.0	30	18.00	14.50	17	4	22.50	-

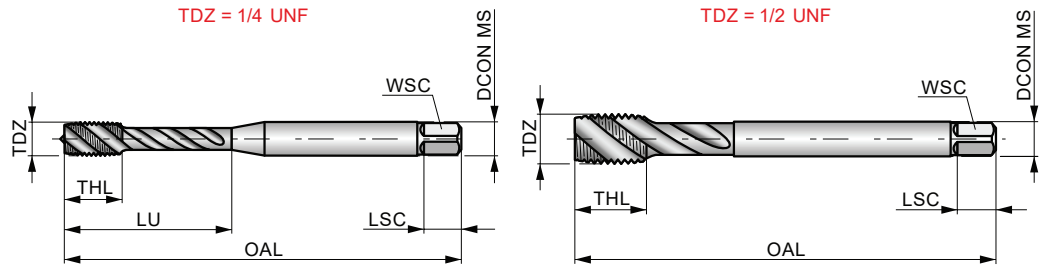
UNF - HSS-E Spiral Flute Machine Tap

DIN 371/376 COATING HG 2B C 2-3



P	M	K	N	S	H
●	●	○			

● Recommended ○ Good



CODE	TDZ	TPI	TD (mm)	OAL (mm)	THL (mm)	DCON MS (mm)	WSC (mm)	LSC (mm)	NOF	PHD (mm)	LU (mm)
MSC2-FS2-1/4-28 UNF-HG	1/4	28	6.350	80.0	10	7.00	5.50	8	3	5.50	30.00
MSC2-FS2-1/2-20 UNF-HG	1/2	20	12.700	100.0	18	9.00	7.00	10	3	11.50	35.00

G(BSP) - HSS-E Spiral Flute Machine Tap

DIN
5156

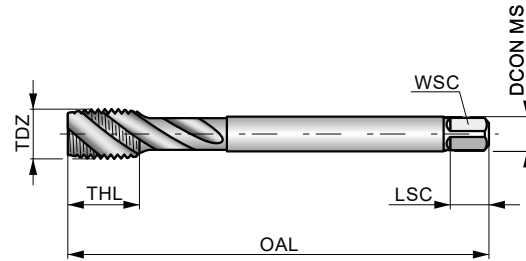
COATING
HG

C
2-3



P	M	K	N	S	H
●	●	○			

● Recommended ○ Good



CODE	TDZ	TPI	TD (mm)	OAL (mm)	THL (mm)	DCON MS(mm)	WSC (mm)	LSC (mm)	NOF	PHD (mm)
MSC2-FS2-G 1/8-20-HG	1/8	28	9.728	90.0	13	7.00	5.50	8	3	8.80
MSC2-FS2-G 1/4-19-HG	1/4	19	13.157	100.0	15	11.00	9.00	12	3	11.80
MSC2-FS2-G 3/8-19-HG	3/8	19	16.662	100.0	15	12.00	9.00	12	4	15.25
MSC2-FS2-G 3/4-14-HG	3/4	14	26.441	140.0	20	20.00	16.00	19	4	24.50

NPT - HSS-E Spiral Flute Machine Tap

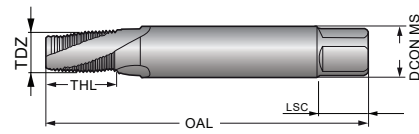
DIN
371

COATING
HG

C
2-3

P	M	K	N	S	H
●	●	○			

● Recommended ○ Good



CODE	TDZ	TPI	TD (mm)	OAL (mm)	THL (mm)	DCON MS(mm)	WSC (mm)	LSC (mm)	NOF	PHD (mm)
MSC2-FS2-1/8-27 NPT-HG	1/8	27	10.230	90.0	12	10.00	8.00	12	3	8.50
MSC2-FS2-1/4-18 NPT-HG	1/4	18	13.600	100.0	18	14.00	11.00	14	3	11.00
MSC2-FS2-3/8-18 NPT-HG	3/8	18	17.040	110.0	18	14.00	11.00	15	4	14.50
MSC2-FS2-1/2-18 NPT-HG	1/2	14	21.200	140.0	23	16.00	12.00	17	4	18.00

NPTF - HSS-E Spiral Flute Machine Tap

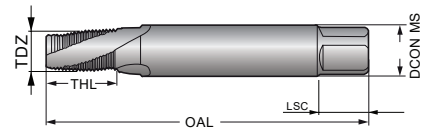
DIN
371

COATING
HG

C
2-3

P	M	K	N	S	H
●	●	○			

● Recommended ○ Good



CODE	TDZ	TPI	TD (mm)	OAL (mm)	THL (mm)	DCON MS(mm)	WSC (mm)	LSC (mm)	NOF	PHD (mm)
MSC2-FS2-1/8-27 NPTF-HG	1/8	27	10.290	90.0	12	10.00	8.00	10	4	8.70
MSC2-FS2-1/4-18 NPTF-HG	1/4	18	13.720	100.0	34.5	14.00	11.00	11	4	11.30

Metric - HSS-E Stright Flute Machine Tap

DIN
371/376

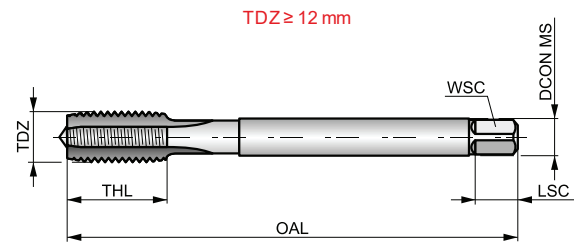
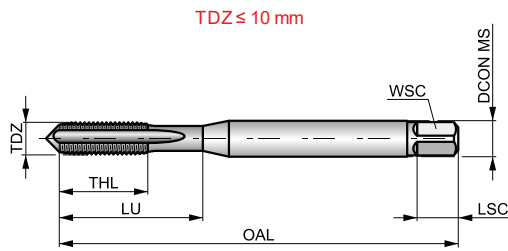
COATING
HG

6HX

C
2-3

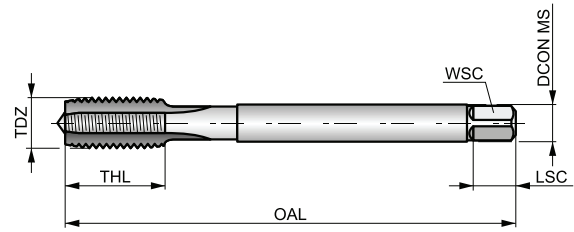


● Recommended ○ Good



CODE	TDZ	TP (mm)	OAL (mm)	THL (mm)	DCON MS (mm)	WSC (mm)	LSC (mm)	NOF	PHD (mm)	LU (mm)
MSC2-FS3-M2x0.4-HG	2.0	0.40	45.0	6	2.80	2.10	5	3	1.60	9.00
MSC2-FS3-M2.5x0.45-HG	2.5	0.45	50.0	8	2.80	2.10	5	3	2.05	12.50
MSC2-FS3-M3x0.5-HG	3.0	0.50	56.0	9	3.50	2.70	6	3	2.50	18.00
MSC2-FS3-M4x0.7-HG	4.0	0.70	63.0	12	4.50	3.40	6	3	3.30	21.00
MSC2-FS3-M5x0.8-HG	5.0	0.80	70.0	13	6.00	4.90	8	3	4.20	25.00
MSC2-FS3-M6x1-HG	6.0	1.00	80.0	15	6.00	4.90	8	3	5.00	30.00
MSC2-FS3-M8x1.25-HG	8.0	1.25	90.0	18	8.00	6.20	9	3	6.80	35.00
MSC2-FS3-M10x1.5-HG	10.0	1.50	100.0	20	10.00	8.00	11	3	8.50	39.00
MSC2-FS3-M12x1.75-HG	12.0	1.75	110.0	23	9.00	7.00	10	3	10.30	-
MSC2-FS3-M14x2-HG	14.0	2.00	110.0	25	11.00	9.00	12	3	12.00	-
MSC2-FS3-M16x2-HG	16.0	2.00	110.0	25	12.00	9.00	12	3	14.00	-
MSC2-FS3-M18x2.5-HG	18.0	2.50	125.0	30	14.00	11.00	14	3	15.50	-
MSC2-FS3-M20x2.5-HG	20.0	2.50	140.0	30	16.00	12.00	15	3	17.50	-
MSC2-FS3-M22x2.5-HG	22.0	2.50	140.0	34	18.00	14.50	17	4	19.50	-
MSC2-FS3-M24x3-HG	24.0	3.00	160.0	38	18.00	14.50	17	4	21.00	-
MSC2-FS3-M27x3-HG	27.0	3.00	160.0	38	20.00	16.00	19	4	24.00	-
MSC2-FS3-M30x3.5-HG	30.0	3.50	180.0	45	22.00	18.00	21	4	26.50	-

UNC - HSS-E Stright Flute Machine Tap



CODE	TDZ	TPI	TD (mm)	OAL (mm)	THL (mm)	DCON MS(mm)	WSC (mm)	LSC (mm)	NOF	PHD (mm)	LU (mm)
MSC2-FS3-1/4-20 UNC-HG	2BX	20	6.350	80.0	17	7.00	5.50	8	3	5.10	30.00



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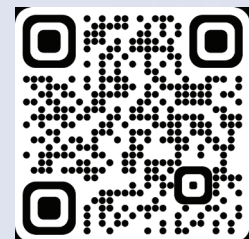
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