

## MHSL MINI

**Z-PRO**  
Ultimate Machining Taps



*Alto rendimiento en aceros <45hrc*

*Disponible en las métricas más comunes de  
porta herramientas*

# MHSL Mini

MACHO ESPECÍFICO PARA ACERO DE HERRAMIENTAS

Indicado para aleaciones de acero hasta 45HRC como el 1.7225 – 42 CrMo 4, 1.6582 – 34 CrNiMo 6 or 1.2344 – X 40 CrMoV 5.1.

## MHSL MINI



ISO Vc (m/min)

P2	3÷16	★
P3	3÷16	★
P4	3÷16	★
P5	3÷10	★
P6	3÷8	★

★ 1st choice ☆ suitable



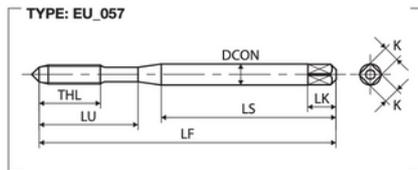
### M2.5x0.45

Work-material	42CrMo4 (45HRC)
Hole diameter	Ø 2.1
Tapping length	5 mm
Tapping speed	5 m/min
Machine	CNC machine
Lubricant	Water soluble oil

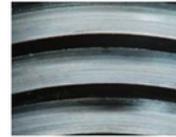
### Wear condition after 200 threads



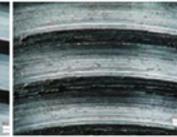
### Thread quality



### MHSL



### Competitor



M	TCTR (tolerance)	Ø (mm)	Hole Ø (mm)	Code	THCHT (chamfer)	LF (mm)	THL (mm)	LU (mm)	LS (mm)	DCON (mm)	K (mm)	LK (mm)	NOF	Type	Stock
DIN 371															
M2.5X0.45	IS02X(6HX)	2.1	2.11	3109101029	5P	50	8	15	33	2.8	2.1	5	3	057	●
M3X0.5	IS02X(6HX)	2.5	2.56	3109101035	5P	56	9	18	34	3.5	2.7	6	3	057	●
M3.5X0.6	IS02X(6HX)	2.9	2.97	3109101038	5P	63	13	20	32	4	3	6	3	057	●
M4X0.7	IS02X(6HX)	3.3	3.38	3109101042	5P	63	13	21	38	4.5	3.4	6	3	057	●
M4.5X0.75	IS02X(6HX)	3.8	3.83	3109101045	5P	70	14	25	39	6	4.9	8	3	057	●
M5X0.8	IS02X(6HX)	4.2	4.28	3109101049	5P	70	14	25	39	6	4.9	8	3	057	●
MF															
M	TCTR (tolerance)	Ø (mm)	Hole Ø (mm)	Code	THCHT (chamfer)	LF (mm)	THL (mm)	LU (mm)	LS (mm)	DCON (mm)	K (mm)	LK (mm)	NOF	Type	Stock
DIN 371															
M5X0.5	IS02X(6HX)	4.5	4.56	3109101051	5P	70	11	-	-	3.5	2.7	6	3	057	●

