



- Thread Mill for SUS, Titanium alloy.
- Tough and strong edge design for threading in hardened steels.
- Deliver improved cutting and chip removal, reducing the risk of the cutting tool breaking off inside of hole.
- Tip shape reduces cutting resistance and suppresses tool bending.
- Drastically reduces tool breakage.
- We do not recommend using a ER Chuck.



4STMS Cutting Condition

Material	Alloy Steel/ Tool Steel		Hardened Steels		Aluminum		Stainless Steel	
	V/C	FZ	V/C	FZ	V/C	FZ	V/C	FZ
M3	50 ~ 70	0.01 ~ 0.02	55 ~ 65	0.008 ~ 0.01	100 ~ 130	0.03 ~ 0.04	70 ~ 85	0.01 ~ 0.02
M4	50 ~ 70	0.01 ~ 0.02	55 ~ 65	0.008 ~ 0.01	100 ~ 130	0.03 ~ 0.04	70 ~ 85	0.01 ~ 0.02
M5	50 ~ 70	0.01 ~ 0.02	55 ~ 65	0.01 ~ 0.02	100 ~ 130	0.03 ~ 0.04	70 ~ 85	0.01 ~ 0.02
M6	50 ~ 70	0.01 ~ 0.02	55 ~ 65	0.01 ~ 0.02	100 ~ 130	0.04 ~ 0.05	70 ~ 85	0.02 ~ 0.03
M8	50 ~ 70	0.02 ~ 0.03	55 ~ 65	0.02 ~ 0.03	100 ~ 130	0.04 ~ 0.05	70 ~ 85	0.02 ~ 0.03
M10	50 ~ 70	0.02 ~ 0.03	55 ~ 65	0.02 ~ 0.03	100 ~ 130	0.05 ~ 0.06	70 ~ 85	0.03 ~ 0.04
M12	50 ~ 70	0.02 ~ 0.03	55 ~ 65	0.02 ~ 0.03	100 ~ 130	0.06 ~ 0.07	70 ~ 85	0.05 ~ 0.06
M16	50 ~ 70	0.03 ~ 0.04	55 ~ 65	0.03 ~ 0.04	100 ~ 130	0.06 ~ 0.07	70 ~ 85	0.05 ~ 0.06