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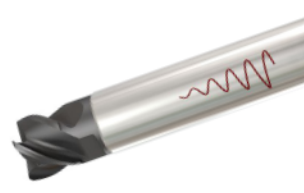
New Product Announcement

MILLING

58-2024

OCTOBER 2024

METRIC/IMPERIAL



Anti-Vibration Solution



Strong Body



High Productivity



MULTI-MASTER

New Vibration-Proof Solution for Boosting Performance



Anti-Vibration
Solution

Strong Body



High Productivity



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NPA

New Product Announcement

MULTI-MASTER

Highlights

The MULTI-MASTER Family of Tools with Exchangeable Heads is Expanding its Product Range by Incorporating Anti-Vibration Shanks to Enhance Long-Reach Performance

ISCAR has expanded the product range of the MULTI-MASTER family with exchangeable cutting heads by introducing new anti-vibration cylindrical shanks. These shanks incorporate an innovative assembled structure concept, featuring a carbide body with a built-in vibration-damping mechanism.

The combination of stiffened body material and the vibration-absorbing characteristics of the mechanism results in an efficient design that effectively minimizes vibrations. This enables enhanced performance for long-reach applications and unstable machining conditions. Furthermore, the utilization of high-hardness carbide as the body material significantly improves the wear resistance of the shank body.

In the initial stage, anti-vibration shanks are available for the MULTI-MASTER connection sizes T12 and T15. The shanks are produced in two series with an overall length-to-diameter ratio of 8.5 and 10. This allows for machining with an overhang of up to 6 and 7.5 times the shank diameter accordingly. We believe the introduction of new shanks with significantly improved dynamic behavior will greatly contribute to further advancements of MULTI-MASTER in long-reach machining applications. The following tables provide additional data for the new anti-vibration cylindrical carbide shanks.

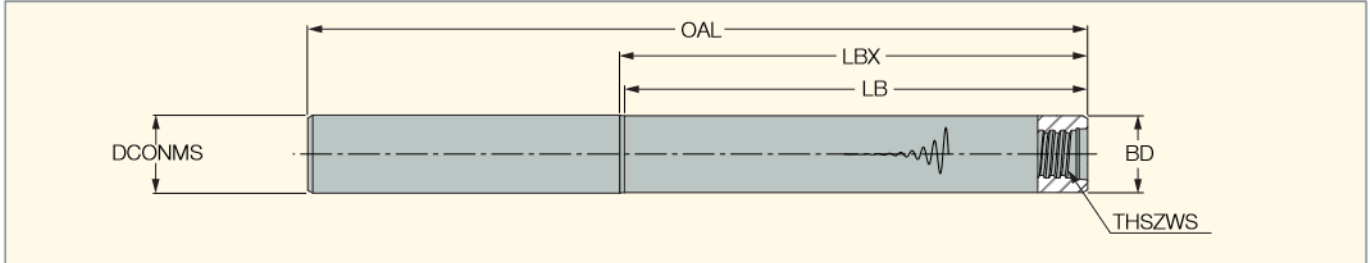


MULTI-MASTER

MM S-A-AV

Anti-Vibration Cylindrical Shanks mount Interchangeable Milling Heads

<https://www.iscar.com/eCatalog/Family.aspx?fnum=5338&mapp=ML&GFSTYP=M&srch=1>



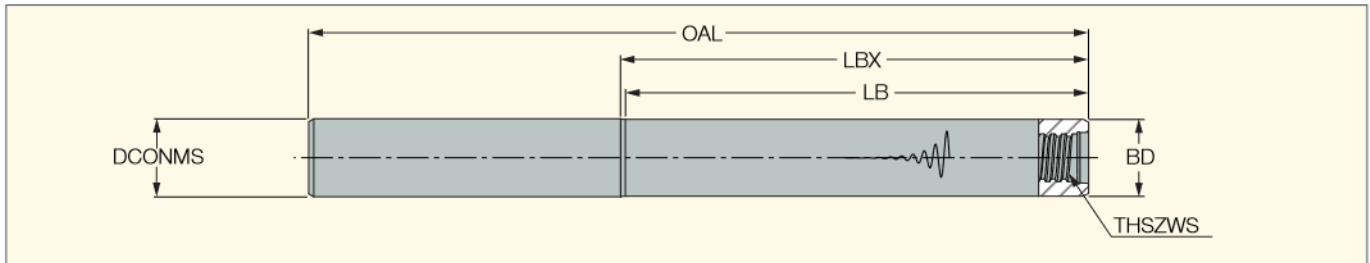
M E T R I C							
Designation	THSZWS	OAL	LBX	LB	DCONMS	BD	
MM S-A-L175/120-C20-T12AV	T12	175.00	120.00	118.80	20.00	19.70	
MM S-A-L200/145-C20-T12AV	T12	200.00	145.00	143.80	20.00	19.70	
MM S-A-L210/150-C25-T15AV	T15	210.00	150.00	148.60	25.00	24.60	
MM S-A-L250/190-C25-T15AV	T15	250.00	190.00	188.60	25.00	24.60	

- Do not apply lubricant to the threaded connection

MM S-A-AV

Anti-Vibration Cylindrical Shanks mount Interchangeable Milling Heads

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I N C H							
Designation	THSZWS	OAL	LBX	LB	DCONMS	BD	
MM S-A-L6.7/4.5-C75-T12AV	T12	6.701	4.500	4.452	.750	.7382	
MM S-A-L8.0/5.8-C75-T12AV	T12	8.000	5.799	5.751	.750	.7382	
MM S-A-L8.5/6-C1.00-T15AV	T15	8.500	6.000	5.945	1.000	.9842	
MM S-A-L10.0/7.5-C1-T15AV	T15	10.000	7.500	7.445	1.000	.9842	

- Do not apply lubricant to the threaded connection