



# Extreme SAP

***90° Shoulder for face milling, slotting and plunging with economical double sided insert***



## Features:

- True 90° square shoulder capable of leaving a good finish.
- Double sided insert gives 4 cutting edges.
- Insert with thickness of 7.5mm is durable for aggressive roughing.
- Coolant thru bodies.
- G-body is a GN surface-hardening treatment on thermal resistant high strength steel giving a hardness over 65 HRC and secures insert pocket and holder against thermal deformation improving body durability.



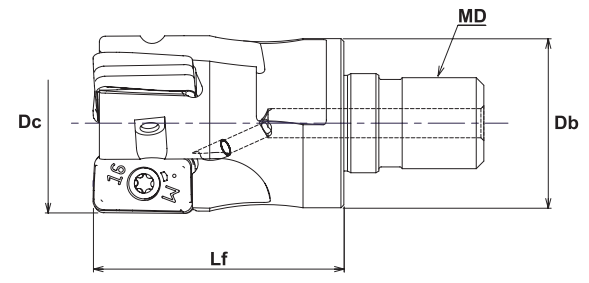
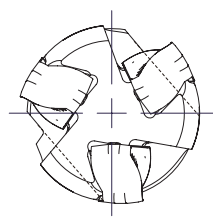
# Extreme SAP Cutters

**INCH**

**METRIC**

**Modular Heads**  
**MSX type**

**G-Body**

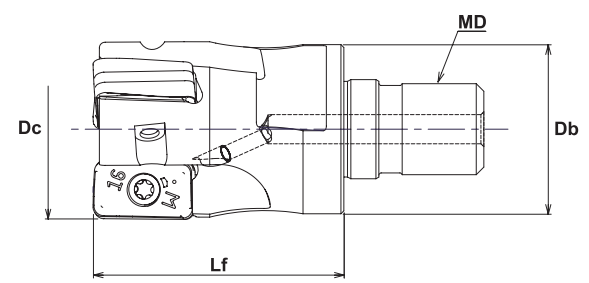
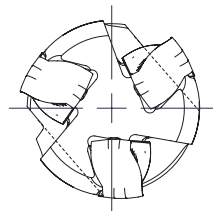


## Specifications - Inch

CATALOG NUMBER	STK	DIMENSIONS				Head Torque Lbs./ft.	INSERT	Q	PARTS	
		Dc	Lf	Db	MD				Screw	Wrench
MSX-2100-M12	•	1.00	1.38	.905	M12	14.7	ZNGU1709**ZER-PM	2	TSW-410H	T-15
MSX-2125-M16	•	1.25	1.69	1.14	M16	18.4		2		
MSX-3125-M16	•	1.25	1.69	1.14	M16	18.4		3		
MSX-4150-M16	•	1.50	1.69	1.14	M16	18.4		4		

Note: Modular Head Holders on page 109.

Note: All cutters are supplied without inserts, wrench or moly.



## Specifications - Metric

CATALOG NUMBER	STK	DIMENSIONS				Head Torque Lbs./ft.	INSERT	Q	PARTS	
		Dc	Lf	Db	MD				Screw	Wrench
MSX-2025-M12	•	25	35	22	M12	20	ZNGU1709**ZER-PM	2	TSW-410H	T-15
MSX-2032-M16	•	32	43	29	M16	25		2		
MSX-3032-M16	•	32	43	29	M16	25		3		
MSX-4040-M16	•	40	43	29	M16	25		4		

Note: Modular Head Holders on page 109.

Note: All cutters are supplied without inserts, wrench or moly.