



EXTREME SAP

LIMITED TIME PROMO!!



EXSAP

Face Mills & End Mills



MSX



ZNGU170904ZER-PM
ZNGU170908ZER-PM
ZNGU170916ZER-PM

**Purchase 10 inserts per
pocket and receive the
steel FREE!!**

**EFFECTIVE thru
March 31st, 2020**

No Returns



EXTREME SAP



Face Mills –

Catalog #	Diameter	Bore Size	# Pockets	Inserts req.
EXSAP-4200R-075	2.00"	.750"	4	40
EXSAP-5200R-075	2.00"	.750"	5	50
EXSAP-5250R-100	2.50"	1.00"	5	50
EXSAP-7300R-100	3.00"	1.00"	7	70
EXSAP-8400R-150	4.00"	1.50"	8	80
EXSAP-9600R-150	6.00"	1.50"	9	90
EXSAP-4050R-22	50mm	22mm	4	40
EXSAP-5050R-22	50mm	22mm	5	50
EXSAP-5063R-22	63mm	22mm	5	50
EXSAP-7080R-27	80mm	27mm	7	70

Modular Heads –

Catalog #	Diameter	Head Length	# Pockets	Inserts req.
MSX-2100-M12	1.00"	1.38"	2	20
MSX-2125-M16	1.25"	1.69"	2	20
MSX-3125-M16	1.25"	1.69"	3	30
MSX-4150-M16	1.50"	1.69"	4	40
MSX-2025-M12	25mm	35mm	2	20
MSX-2026-M12	26mm	35mm	2	20
MSX-2028-M12	28mm	35mm	2	20
MSX-2030-M16	30mm	43mm	2	20
MSX-2032-M16	32mm	43mm	2	20
MSX-3032-M16	32mm	43mm	3	30
MSX-3033-M16	33mm	43mm	3	30
MSX-3035-M16	35mm	43mm	3	30
MSX-4040-M16	40mm	43mm	4	40



End Mills –

Catalog #	Diameter	Reach	OAL	Shank	# Pockets	Inserts Req.
EXSAP-2100-2.0-S100LG	1.00"	2.00"	7.00"	1.00"	2	20
EXSAP-2100-3.0-S100LG	1.00"	3.00"	8.00"	1.00"	2	20
EXSAP-3125-3.0-S125LG	1.25"	3.00"	5.50"	1.25"	3	30
EXSAP-3125-4.75-S125LG	1.25"	4.75"	8.00"	1.25"	3	30
EXSAP-4150-3.0-S125LG	1.50"	3.00"	5.50"	1.25"	4	40
EXSAP-4150-4.75-S125LG	1.50"	4.75"	8.00"	1.25"	4	40

Inserts –

Catalog #	Corner Radius	JC8050	JC8118
ZNGU170904ZER-PM	.016"	•	•
ZNGU170908ZER-PM	.031"	•	•
ZNGU170916ZER-PM	.062"	•	•

