

# HYPERION - CAN TOOLING APPLIED MATERIALS EXPERTISE

## NECKER TOOLING



KNOCK OUTS



NECKING DIES



MATERIALS	CERAMIC YZ-110HS	H12N	STEEL* AISI D2
COLOR			
TOUGHNESS	★	★★	★★★
RESISTANCE TO ABRASION	★★★	★★	★
RESISTANCE TO CAUSTIC BATH	★★★	★★	★
RESISTANCE TO ADHESION	★★★	★★	★

\* Only for knock outs

## CUPPER TOOLING



DIE CENTER



DRAW PAD



CUT EDGE DIE



BLANK DRAW DIE

MATERIALS	H12N	S385
TOUGHNESS	★★★	★★★
RESISTANCE TO ABRASION	★★★	★★
RESISTANCE TO CORROSION	★★	★★★

Hyperion has the capability to manufacture **round and out-of-round** copper press tools.



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## BODYMAKER TOOLING



PUNCH

MATERIALS	STANDARD			PREMIUM	
	S385	H12N	S323	DZ10	DZ18
DENSITY	Standard (~ 14,5 g/cm³)				-15% Lighter
MAGNETIC CARBIDE	NO	YES	YES	YES	YES
SENCON SHORT CAN SENSOR** (ALUMINUM CAN)	487 PDP 33/53 387SCT, 287-53	487 PDP 03/63, 387SCT, 287-63, 287-03			
TOUGHNESS	★★★	★★★★	★★★★	★★★	★★★
RESISTANCE TO ABRASION	★	★	★	★★★★	★★★★
RESISTANCE TO CORROSION	★★	★	★★	★★★★	★★★
TOOL LIFE	1x Standard (10 - 15 million cans / rework)			2x - 3x	2x - 4x

\*\* Sencon Short Can Sensor for steel can 267-03



REDRAW DIE

MATERIALS	C9M	H10F
TOUGHNESS	★★★	★★
THERMAL CRACK	★★★★	★★
RESISTANCE TO ABRASION	★★	★★★★
RESISTANCE TO CORROSION	★★★	★★



PUNCH NOSE

DOME DIE

PUNCH BOLTS

MATERIALS: STEEL COATED / UNCOATED



IRONING DIE

MATERIALS: H6F



REDRAW SLEEVE

MATERIALS: H12N, S385  
WHITE CERAMIC



OUTER RETAINER / HOLD DOWN RING

MATERIALS: H12N, S385  
CERAMIC  
STEEL COATED / UNCOATED