

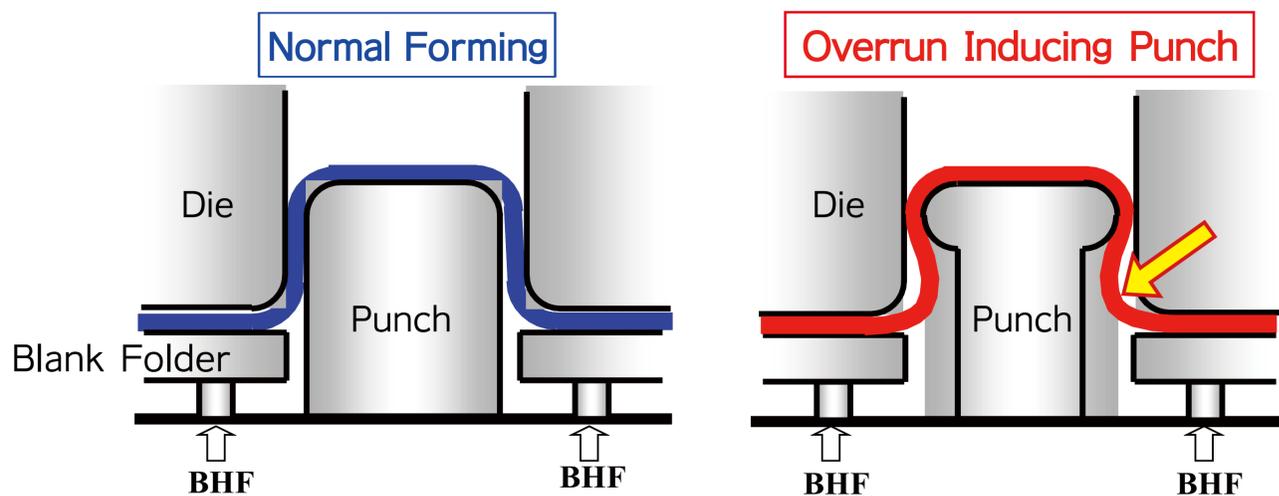
Technology to Overrun Inducing Punch

Effect

The dimension accuracy of the high-tensile strength parts is improved.

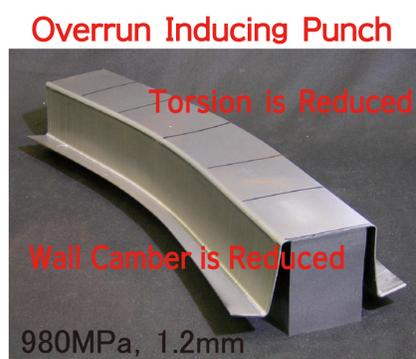
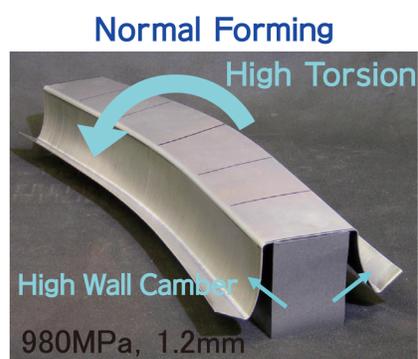
Points

Characteristics: The lower area of the punch is cut away to induce overrun.



	Normal Forming	Overrun Inducing Punch
590 MPa-grade, 1.2mm		
780 MPa-grade, 1.2mm		
980 MPa-grade, 1.2mm		
1470 MPa-grade, 1.2mm		

Wall camber is reduced regardless of the strength of the material



Torsion is Reduced