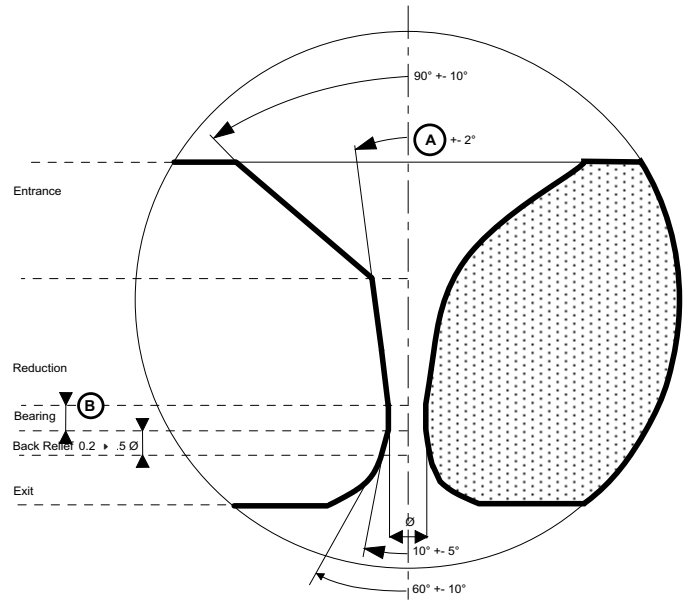
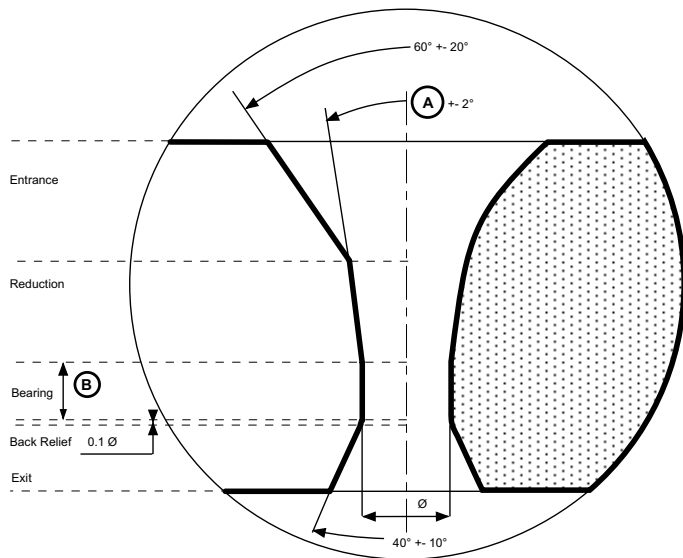


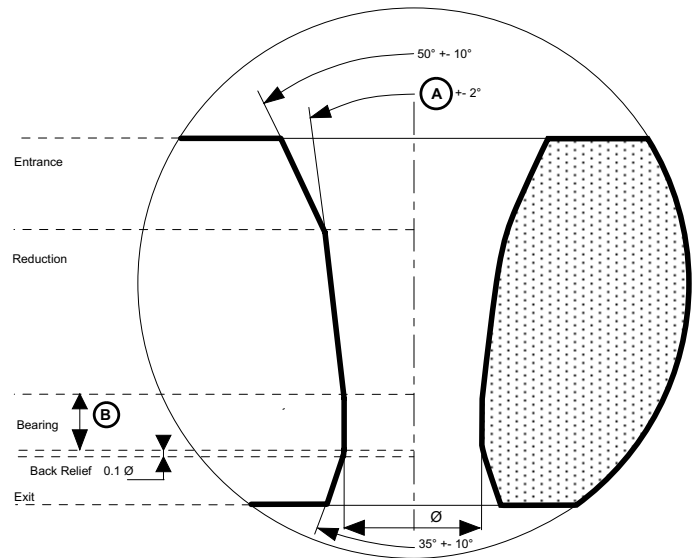
NSCD - SSCD dies Ø up to .002"



NSCD - SSCD dies Ø .002" to .004"



NSCD - SSCD dies Ø over .004"



PCD dies

Typical Profile	Entrance (angle)	Approach (angle)	Reduction A (angle)		Bearing B (length)		Black Relief (depth)	Black Relief (angle)	Exit (angle)
			Soft Mat.	Hard Mat.	Soft Material	Hard Material			
up to .002"	90° ± 10°	30° ± 10°	18°	14°	20-50% Ø	50-80% Ø	> 10% Ø	10° ± 5°	
.002" ▶ .004"	90° ± 10°		18°	14°	20-50% Ø	40-60% Ø	20-50% Ø	10° ± 5°	60° ± 10°
over .004"	60° ± 20°		18°	14°	30-50% Ø	40-60% Ø	> 10% Ø	blended	40° ± 10°
PCD	50° ± 10°		18°	14°	20-40% Ø	30-50% Ø	> 10% Ø	blended	35° ± 10°