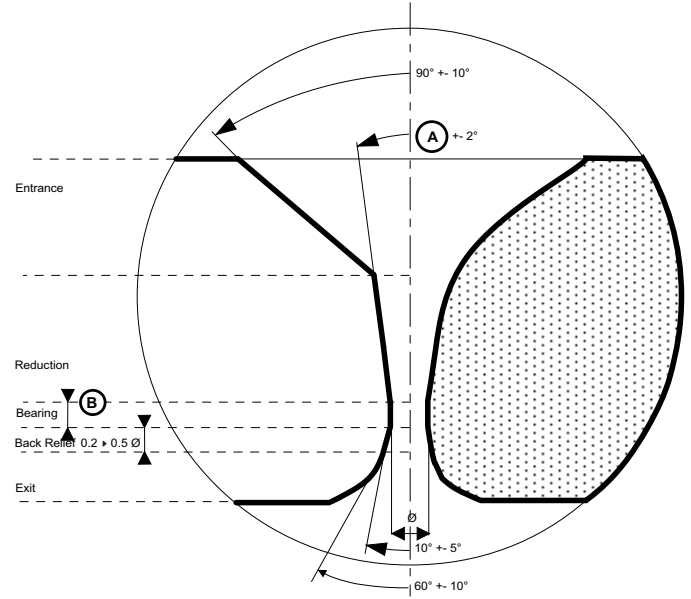
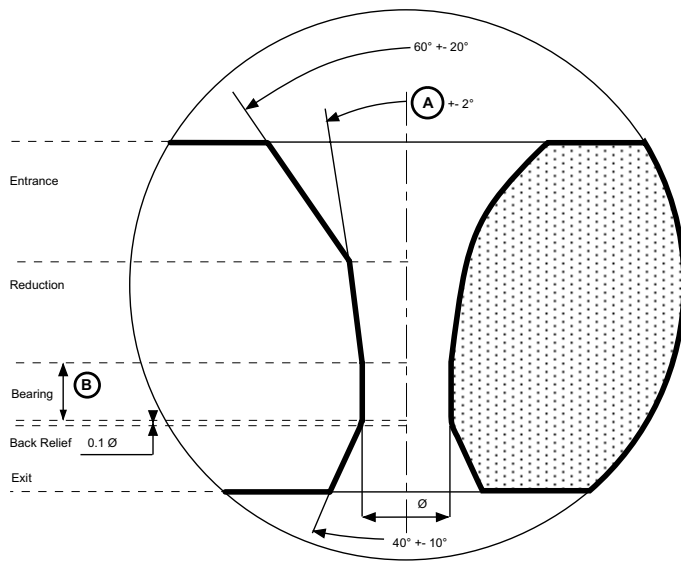


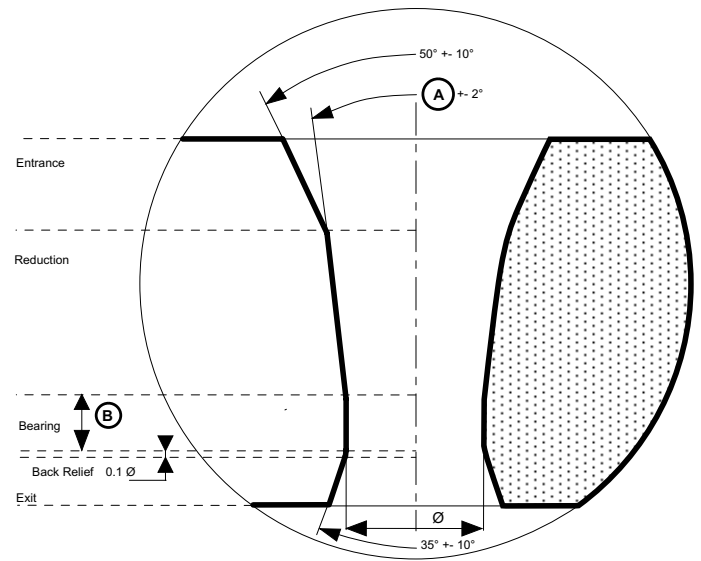
NSCD - SSCD dies \varnothing up to 50 μ



NSCD - SSCD dies \varnothing 50 μ to 100 μ



NSCD - SSCD dies \varnothing over 100 μ



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 50 μ	$90^\circ \pm 10^\circ$	$30^\circ \pm 10^\circ$	18°	14°	20 - 50% \varnothing	50 - 80% \varnothing	$> 10\% \varnothing$	$10^\circ \pm 5^\circ$	
50 μ \triangleright 100 μ	$90^\circ \pm 10^\circ$		18°	14°	20 - 50% \varnothing	40 - 60% \varnothing	20 - 50% \varnothing	$10^\circ \pm 5^\circ$	$60^\circ \pm 10^\circ$
over 100 μ	$60^\circ \pm 20^\circ$		18°	14°	30 - 50% \varnothing	40 - 60% \varnothing	$> 10\% \varnothing$	blended	$40^\circ \pm 10^\circ$
PCD	$50^\circ \pm 10^\circ$		18°	14°	20 - 40% \varnothing	30 - 50% \varnothing	$> 10\% \varnothing$	blended	$35^\circ \pm 10^\circ$