

extruder-type	AE 1-18-..	AE 1-20-..	AE 1-25-..	AE 1-30-..	AE 1-35-..	AE 1-40-..
screw Ø	18mm	20mm	25mm	30mm	35mm	40mm
effective lenght LxD (●)	20	25	25	25	25	25
effective lenght LxD (○)	25	30	30	30	30	30
screw pull out to front	●	●	●	●	●	●
screw pull out backwards	○	○	○	○	○	○
feather intake in gear	●	●	●	●	●	●
splined intake in gear	○	○	○	○	○	○
cylinder	Ø18 H7	Ø20H7	Ø25H7	Ø30H7	Ø35H7	Ø40H7
material 1.8550 nitrided layer 0,3-0,5mm up to 900-950HV	●	●	●	●	●	●
material Bi-Metall –middle- inside layer of iron-based alloy 64-69 HRC	○ +	○ +	○ +	○ +	○ +	○ +
material Bi-Metall -strong- inside layer of nickel-based alloy with tungsten carbide 60-65 HRC	-	-	○ ++	○ ++	○ ++	○ ++
material Bi-Metall - Fluor- Low-iron nickel-base alloy 48-56 HRC for Fluorpolymer	○	○	○	○	○	○
insertion zone (smooth)	●	●	●	●	●	●
insertion zone (grooved)	-	○	○	○	○	○
connection	clamping flange	clamping flange	clamping flange	clamping flange	clamping flange	clamping flange
cylinder heating zone (25.D)	2	3	3	3	3	3
material	micanit	micanit	ceramic	ceramic	ceramic	ceramic
temperature sensor	FeCuNi	FeCuNi	FeCuNi	FeCuNi	FeCuNi	FeCuNi
regulatory control	single controller ●	single controller ●	single controller ●	single controller ●	single controller ●	Single controller ●
multi-channel controller	○	○	○	○	○	○
SPS – Siemens	○	○	○	○	○	○
drive / gear	flat gear	flat gear	flat gear	flat gear	flat gear	flat gear
design	standing / laid	standing / laid	standing / laid	standing / laid	standing / laid	standing / laid
gear cooling	-	-	○	○	○	○
motor	AC	AC	AC	AC	AC	AC
CMG – drive	-	-	○	○	○	○
Torque drive	-	-	○	○	○	○
screw speed (standard)	150rpm	150rpm	150rpm	150rpm	150rpm	150rpm