



Aluminium Extrusion Applications & Product Recommendations

Application	BRUGAROLAS	Details
Log cutting saw disk (normal temperature range) used with volumetric pump micro-lubricator	BESTRIL 2080	To cut aluminium rods of up to 250 mm diameter at room temperature with carbide-toothed disc saw.
Log cutting saw disk (high temperature) with volumetric pump micro-lubricator.	BESTRIL 2080	To cut aluminium rods of up to 250 mm diameter up to about 450 °c temperatures with carbide-toothed disc saw. Must be non-flammable.
Puller saw disk - high temperature with volumetric pump micro-lubricator	BESTRIL 2080	To cut aluminium profiles up to about 15 mm to temperatures of about 450 °c with carbide-toothed disc saw. Must be non-flammable.
Positioned saw disk - high temperature	BESTRIL 2080	To cut aluminium profiles up to about 15 mm to temperatures of about 450 °c with carbide-toothed disc saw. Must be non-flammable.
Profiles saw disk (normal temperature range) used with volumetric pump micro-lubricator	BESTRIL 243	To cut aluminium profiles up to about 15 mm at room temperature with carbide-toothed disc saw.
Compressed air supply points lubricators (in lubricator tank)	BESLUX NEULUB 32	
Gear box (all units except helical-worm)	EXTRA GEAR 220	
Gear box (helical-worm unit)	EXTRA GEAR 680	
Die storage spray - manually sprayed on die when not use or when in long term storage.	RUST KEEPER 520-A	Protective spray to store dies.



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Bronze plates with lubricating grooves working at normal temperatures - manually pumped through greasing nipples.	G.A.N. 80	
Bronze plates with lubricating grooves working at high temperatures - manually pumped through greasing nipples.	BESLUX LUDER 68	Temperatures of around 100 ° C, bronzes.
Screw bolts with prescribed tightening torque working at normal temperature range - applied manually in each assembly process.	G.A. BESMOLY PLUS	
Screw bolts working at high temperatures	G. BESLUX GRAFOL HT PASTE	
Chain and sprocket drives at high temperatures - applied manually.	BESLUX RAMCA 100	Chains and nuts on the inside of an oven that works to 200 °c
Chain and sprocket drives operating at normal temperature range - applied manually.	BESLUX LUDER 220	Chains and nuts to room temperature
Rack and pinion drives operating in normal temperature range - applied manually.	G.A.N. 80	
Ball linear guides at normal temperature range - applied manually through greasing nipples.	G.A.N. 80	Round or square type guides.
Heating cartridge at high temperature - manually applied in each assembly process.	G. BESLUX GRAFOL HT PASTE	



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Bearing housings & plummer blocks on flange type working at normal temperature range - applied manually	G.A. N.80	Supports casting for bearings at ambient temperature
Bearing housings & plummer blocks on flange type working at normal temperature range - applied manually	G. BESLUX FLUOR H-2	Supports casting for bearings in operating temperature of 200 ° C
Ball screw - working at normal temperature range - manually through greasing nipple.	G.A.N. 80	
Water Dispersions		
Dummy block face	BESTRIL 2091	Applied with a spray. The lubricating surface to about 450 °c. Must be non-flammable.
Container sealing surface	BESTRIL 2091	Applied with a spray. The lubricating surface to about 450 °c. Must be non-flammable.
Cutting blade with pump micro-lubricator.	BESTRIL 2080	
Hot shear clamps	BESTRIL 2080	
Other Consumables		
Boron nitride powder on billet face - applied by electrostatic powder gun.	BESTRIL 2090	
Hydraulic fluid - in all hydraulic tanks including extrusion press.	FLUID DRIVE HM-46	