Explanation of symbols

Solid carbide tools for milling

UN	Material group, e.g. UN = universal
	Length, e.g. short
EZ	Tool group, e.g. EZ = single flute milling cutters
σ 120°	Cutting edge angle, e.g. for chamfer milling cutters
	without through coolant
	with through coolant
 E	Emulsion recommended
 D	Compressed air recommended
 E/D	Emulsion or compressed air recommended
	Possible machining directions
	Machining example
λ_S = 44,5° 46,5°	Helix angle

λ_S Var.	Variable helix angle
 z	Number of teeth
HA 	Shanks to DIN6535-HA
HB 	Shanks to DIN6535-HB
HE 	Shanks to DIN6535-HE
$\gamma_S = 20°$	Rake angle
S	Sharp cutting edge
 F 45°	Cutting edge with chamfer F = chamfer width [mm]
 R	Radius corner bull nose R = radius [mm]
 R	Fully radiused end ball nose R = radius [mm]
d_1 = e8 d_A = h6	Tolerance cutting edge diameter Tolerance shank diameter
	Undersize milling cutters