Punte a gradino

Step drills

Applicazioni / Application — Punte per eseguire prefori per filettature con svasatura a 90°. Adatte per Acciaio, ghisa e materiali non ferrosi.

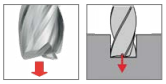
Materiale / Material — Metallo duro micrograna ISO K20-K40

Norma / Norm — Standard **Utensili Services**

Rivestimento / Coating — HYPERCUT

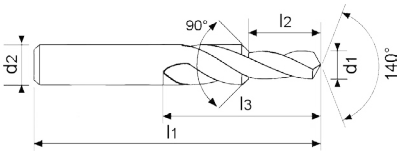
Acciai	Acciai INOX	Ghise	Grafite	L.Leggere	Non ferrosi	Titanio	HRSA	HRC < 54	HRC > 54
●	○	●	●	○	●	○	○	●	○
ISO-P	ISO-M	ISO-K	Graphite	L.Alloys	Non-ferrous	Titanium	ISO-S	HRC < 54	ISO-H

Solid	DIN 6535	DIN 6535	Profilo	Corta
M.D. Carbide	HA	HB	N Profile	Short



Cod. 615





615		d1m7	d2h6	l1	l2	l3
615.0250	M3	2,5	6	62	8,8	20
615.0330	M4	3,3	6	62	11,4	24
615.0420	M5	4,2	6	66	13,6	28
615.0500	M6	5,0	8	79	16,5	34
615.0680	M8	6,8	10	89	21,0	47
615.0850	M10	8,5	12	102	25,0	55
615.1200	M12	10,2	14	107	30,0	60
615.1400	M16	14,0	18	123	38,5	73

Punte a gradino con fori di refrigerazione

Step drills with coolant holes

Applicazioni / Application — Punte per eseguire prefori per filettature con svasatura a 90°. Adatte per Acciaio, ghisa e materiali non ferrosi.

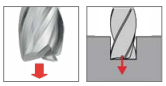
Materiale / Material — Metallo duro micrograna ISO K20-K40

Norma / Norm — Standard **Utensili Services**

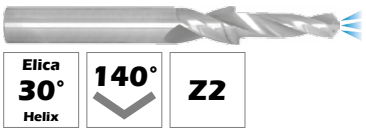
Rivestimento / Coating — HYPERCUT

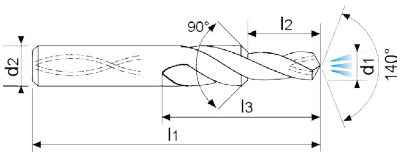
Acciai	Acciai INOX	Ghise	Grafite	L.Leggere	Non ferrosi	Titanio	HRSA	HRC < 54	HRC > 54
●	○	●	●	○	●	○	○	●	○
ISO-P	ISO-M	ISO-K	Graphite	L.Alloys	Non-ferrous	Titanium	ISO-S	HRC < 54	ISO-H

Solid	DIN 6535	DIN 6535	Profilo	Corta	Refrigerazione interna
M.D. Carbide	HA	HB	N Profile	Short	Coolant holes



Cod. 616





616		d1m7	d2h6	l1	l2	l3
616.0250	M3	2,5	6	62	8,8	20
616.0330	M4	3,3	6	62	11,4	24
616.0420	M5	4,2	6	66	13,6	28
616.0500	M6	5,0	8	79	16,5	34
616.0680	M8	6,8	10	89	21,0	47
616.0850	M10	8,5	12	102	25,0	55
616.1200	M12	10,2	14	107	30,0	60
616.1400	M16	14,0	18	123	38,5	73