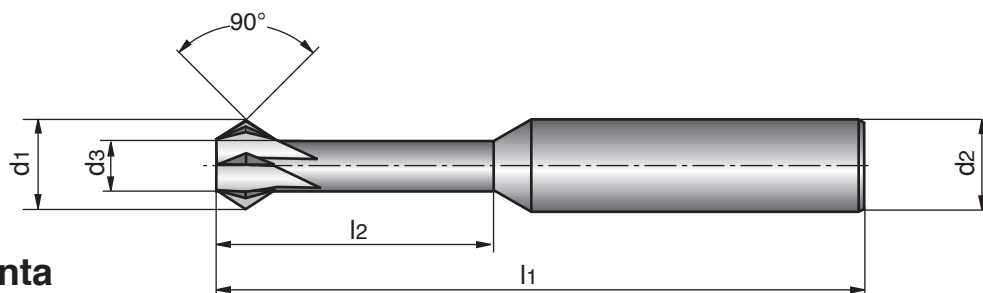


FW 99

Norme
interne

Frese MD per smussi in tiro e spinta



Geometria:

metallo duro integrale con gambo rinforzato secondo
DIN 6535 forma HA,

Grado: Metallo duro micrograna

Standard: K30F

Rivestimento: AF  $\hat{=}$ TiAlN

Applicazioni:

K 30 F:

Smussatura di ghisa, ghisa dura, ghisa malleabile,
acciai refrattari, metalli non ferrosi, leghe di titanio.

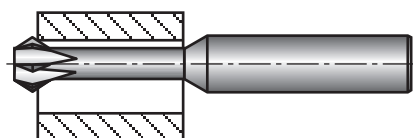
AF:

Smussatura di acciaio fuso, acciaio da costruzioni, acciaio da
utensili, acciai al nickel, acciai refrattari. **Il rivestimento AF è
particolarmente indicato per la lavorazione a secco.**

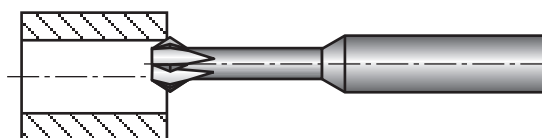
Nota: è standard anche il rivestimento **TiCN**

Codice Nr.	d1 h10 mm	d2 -2/h6 mm	d3 mm	l1 mm	l2 mm	z	K 30 F Micrograna	AF	Codice Nr.	d1 h10 mm	d2 -2/h6 mm	d3 mm	l1 mm	l2 mm	z	K 30 F Micrograna	AF
399 0300	3,0	6	2,0	70	17	5	■	■	399 0760	7,6	8	4,7	70	20	7	■	■
399 0450	4,5	6	2,5	70	15	7	■	■	399 0970	9,7	10	5,5	70	30	8	■	■
399 0550	5,5	6	3,2	70	15	7	■	■	399 0115	11,5	12	7,5	70	30	9	■	■
399 0650	6,5	8	4,0	70	20	7	■	■									

Smussatura in tiro



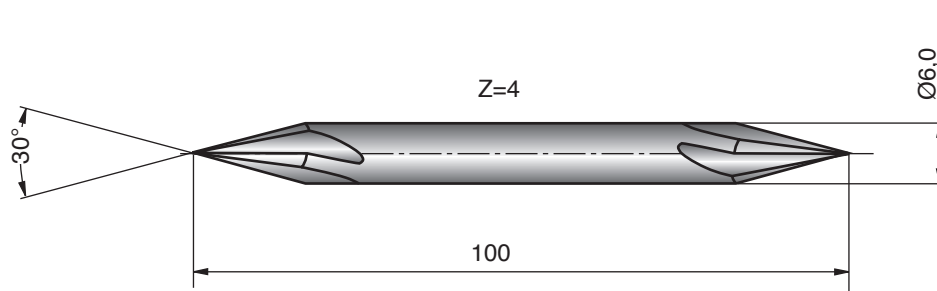
Smussatura in spinta



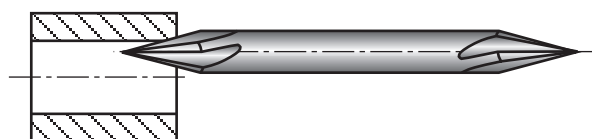
FW 92

Norme
interne

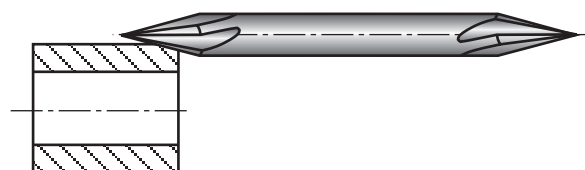
Frese MD doppie per smussi a 30°



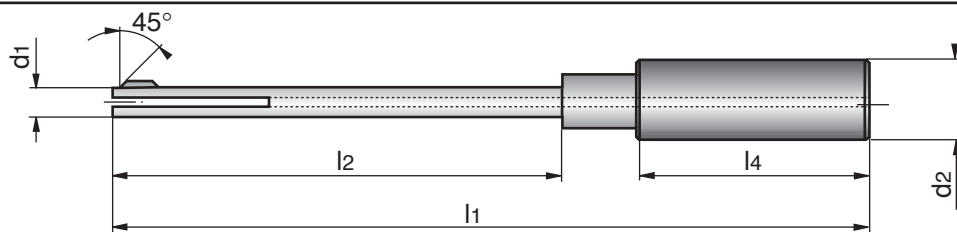
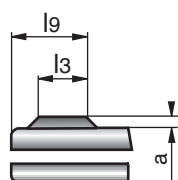
Interni



Esterni



FW 10

Norme
interne

Frese MD per smussi in tiro e spinta per CNC

Geometria:

metallo duro integrale con gambo rinforzato secondo

DIN 6535 forma HA.

Idoneo per mandrini ad attacco a caldo o idraulici

Applicazioni:

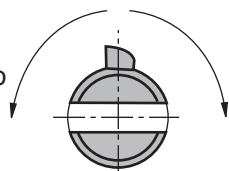
K 30 F:

Smussatura di ghisa, ghisa dura, ghisa malleabile, metalli non ferrosi.

Grado: Metallo duro micrograna

Codice Nr.	Ø nominale del foro d mm	Gamma Ø min-max d mm	Ø forcella d1 mm	d2 h6 mm	l1 mm	l2 mm	l4 mm	l3 mm	l9 mm	a mm
MF10002	2,00	1,91-2,15	1,9	6	120,0	69,0	36,0	1,0	2,05	2,05
MF100225	2,25	2,16-2,40	2,1	6	120,0	69,0	36,0	1,5	2,60	2,60
MF10025	2,50	2,41-2,70	2,4	6	120,0	69,0	36,0	1,5	2,90	2,90
MF100275	2,75	2,71-2,90	2,6	6	130,0	79,0	36,0	1,5	2,95	2,95
MF1003	3,00	2,91-3,25	2,9	6	130,0	79,0	36,0	2,0	3,65	3,65
MF10035	3,50	3,26-3,60	3,2	10	135,0	80,0	40,0	2,0	3,80	3,80
MF1004	4,00	3,61-4,25	3,6	10	135,0	80,0	40,0	2,0	4,10	4,10
MF10045	4,50	4,26-4,75	4,2	10	135,0	80,0	40,0	2,5	4,60	4,60
MF1005	5,00	4,76-5,30	4,7	10	135,0	80,0	40,0	2,5	4,85	4,85
MF10055	5,50	5,31-5,80	5,2	10	145,0	90,0	40,0	2,5	4,85	4,85
MF1006	6,00	5,81-6,20	5,6	10	145,0	90,0	40,0	3,0	5,80	5,80
MF10065	6,50	6,21-6,70	6,0	16	165,0	102,0	48,0	3,0	5,80	5,80
MF1007	7,00	6,71-7,10	6,5	16	165,0	102,0	48,0	3,0	5,85	5,85
MF10075	7,50	7,11-7,60	6,9	16	165,0	102,0	48,0	3,5	6,95	6,95
MF1008	8,00	7,61-8,05	7,3	16	165,0	102,0	48,0	3,5	7,00	7,00

Rotazione
destra di lavoro



Rotazione
sinistra di
avanzamento

