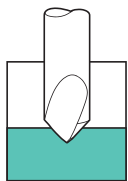
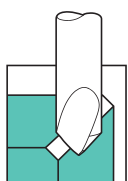


1 DUO-mag = 2 forets NC simples 2 single NC drills

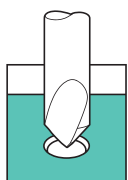
2 brocas NC
2 punte NC semplici



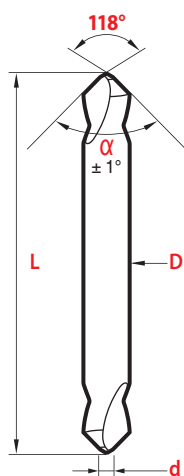
Centrage - Pointage
Centering - Spotting
Centrado - Punteado
Centratura



Chanfrein longitudinal
Longitudinal chamfer
Chaflanes longitudinales
Smussi longitudinali



Chanfreinage
Chamfering
Chaflanado
Sbavatura



L'angle d'affûtage 118° favorise la pénétration, tout en renforçant la pointe.

The 118° sharpening angle improves tool penetration, while reinforcing the point.

El ángulo de 118° favorece la penetración, reforzando la punta.

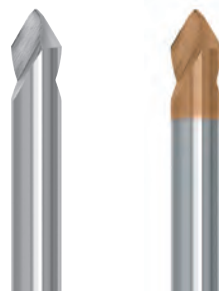
L'angolo di affilatura a 118° agevola la penetrazione, rinforzando al tempo stesso la punta.

Micro-NC
> p. 36



60° DUO-mag

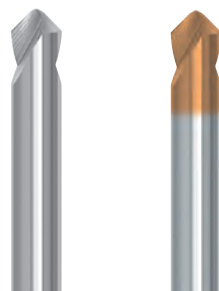
CARBURE CARBIDE
Metallo duro



D x d h6 ± 0,05	L ± 1	DUO-mag 8116	Hard'X 8116-H
3,0 x 0,5	40	57,80 €	65,10 €
4,0 x 1,0	45	63,85 €	71,75 €
6,0 x 2,0	55	72,40 €	81,50 €
8,0 x 2,5	65	95,50 €	106,45 €
10,0 x 3,0	75	130,15 €	144,15 €
12,0 x 3,5	85	199,45 €	216,50 €

90° DUO-mag

CARBURE CARBIDE
Metallo duro



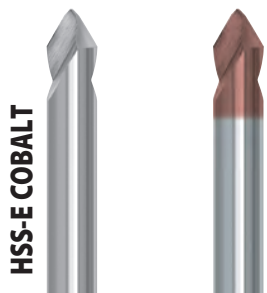
D x d h6 ± 0,05	L ± 1	DUO-mag 8119	Hard'X 8119-H
3,0 x 0,5	40	60,70 €	68,35 €
4,0 x 1,0	45	67,05 €	75,35 €
6,0 x 2,0	55	76,00 €	85,60 €
8,0 x 2,5	65	100,25 €	111,75 €
10,0 x 3,0	75	136,65 €	151,35 €
12,0 x 3,5	85	209,45 €	227,30 €

Promo-kits



90°

Type Tipo	DUO-mag 019	DUO-mag 0919
6 pièces 6 pieces 6 pieza 6 pezzi	Ø 3 - 4 - 6 - 8 - 10 - 12	
	111,10 €	166,00 €



HSS-E COBALT

60° DUO-mag

D x d	L	DUO-mag 016	Red'X 0916
h7 ± 0,05	± 1		
3,0 x 0,5	40	13,70 €	19,50 €
4,0 x 1,0	45	14,05 €	20,75 €
6,0 x 2,0	55	15,65 €	24,60 €
8,0 x 2,5	65	19,50 €	29,05 €
10,0 x 3,0	75	22,05 €	33,85 €
12,0 x 3,5	85	30,30 €	45,35 €
16,0 x 4,0	90	44,05 €	66,40 €
20,0 x 5,0	100	84,90 €	119,40 €



N°	D x d	L	DUO-mag 016	Red'X 0916
	h7 ± 0,05	± 1		
1	4,76 x 1,59 (3/16 x 1/16)	50,8 (2")	14,05 €	20,75 €
2	6,35 x 2,38 (1/4 x 3/32)	50,8 (2")	15,65 €	24,60 €
3	9,52 x 3,57 (3/8 x 9/64)	76,2 (3")	22,05 €	33,85 €
4	12,7 x 4,76 (1/2 x 3/16)	101,6 (4")	30,30 €	45,35 €

DUO-mag Longs *Largas Serie lunga*

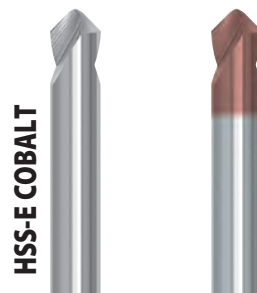
D x d	L	DUO-mag 016-L	Red'X 0916-L
h7 ± 0,05	± 1		
3,0 x 0,5	100	20,45 €	29,70 €
4,0 x 1,0	100	21,40 €	31,30 €
6,0 x 2,0	100	23,60 €	37,05 €
8,0 x 2,5	100	29,05 €	43,40 €
10,0 x 3,0	100	33,20 €	49,80 €
12,0 x 3,5	100	45,35 €	68,30 €



N°	D x d	L	DUO-mag 016-L	Red'X 0916-L
	h7 ± 0,05	± 1		
1	4,76 x 1,59 (3/16 x 1/16)	101,6 (4")	21,40 €	31,30 €
2	6,35 x 2,38 (1/4 x 3/32)	101,6 (4")	23,60 €	37,05 €
3	9,52 x 3,57 (3/8 x 9/64)	127 (5")	33,20 €	49,80 €
4	12,7 x 4,76 (1/2 x 3/16)	152,4 (6")	45,35 €	68,30 €

DUO-mag X-Longs *X-Largas Serie Extra-lunga*

D x d	L	DUO-mag 016-XL	Red'X 0916-XL
h7 ± 0,05	± 1		
8,0 x 2,5	150	38,95 €	58,10 €
10,0 x 3,0	150	44,05 €	67,05 €
12,0 x 3,5	150	60,65 €	90,65 €
16,0 x 4,0	150	65,75 €	100,25 €
20,0 x 5,0	150	127,70 €	177,50 €



HSS-E COBALT

90° DUO-mag

D x d	L	DUO-mag 019	Red'X 0919
h7 ± 0,05	± 1		
3,0 x 0,5	40	13,70 €	19,50 €
4,0 x 1,0	45	14,05 €	20,75 €
6,0 x 2,0	55	15,65 €	24,60 €
8,0 x 2,5	65	19,50 €	29,05 €
10,0 x 3,0	75	22,05 €	33,85 €
12,0 x 3,5	85	30,30 €	45,35 €
16,0 x 4,0	90	44,05 €	66,40 €
20,0 x 5,0	100	84,90 €	119,40 €



N°	D x d	L	DUO-mag 019	Red'X 0919
	h7 ± 0,05	± 1		
1	4,76 x 1,59 (3/16 x 1/16)	50,8 (2")	14,05 €	20,75 €
2	6,35 x 2,38 (1/4 x 3/32)	50,8 (2")	15,65 €	24,60 €
3	9,52 x 3,57 (3/8 x 9/64)	76,2 (3")	22,05 €	33,85 €
4	12,7 x 4,76 (1/2 x 3/16)	101,6 (4")	30,30 €	45,35 €

DUO-mag Longs *Largas Serie lunga*

D x d	L	DUO-mag 019-L	Red'X 0919-L
h7 ± 0,05	± 1		
3,0 x 0,5	100	20,45 €	29,70 €
4,0 x 1,0	100	21,40 €	31,30 €
6,0 x 2,0	100	23,60 €	37,05 €
8,0 x 2,5	100	29,05 €	43,40 €
10,0 x 3,0	100	33,20 €	49,80 €
12,0 x 3,5	100	45,35 €	68,30 €



N°	D x d	L	DUO-mag 019-L	Red'X 0919-L
	h7 ± 0,05	± 1		
1	4,76 x 1,59 (3/16 x 1/16)	50,8 (2")	21,40 €	31,30 €
2	6,35 x 2,38 (1/4 x 3/32)	50,8 (2")	23,60 €	37,05 €
3	9,52 x 3,57 (3/8 x 9/64)	76,2 (3")	33,20 €	49,80 €
4	12,7 x 4,76 (1/2 x 3/16)	101,6 (4")	45,35 €	68,30 €

DUO-mag X-Longs *X-Largas Serie Extra-lunga*

D x d	L	DUO-mag 019-XL	Red'X 0919-XL
h7 ± 0,05	± 1		
8,0 x 2,5	150	38,95 €	58,10 €
10,0 x 3,0	150	44,05 €	67,05 €
12,0 x 3,5	150	60,65 €	90,65 €
16,0 x 4,0	150	65,75 €	100,25 €
20,0 x 5,0	150	127,70 €	177,50 €

