

CoroDrill® DE10

Volumi elevati di foratura con la massima perfezione

CoroDrill® DE10, la nuova punta a cuspidi intercambiabile ad alte prestazioni per realizzare forature corte con la massima perfezione ed efficienza in tutti i materiali.

Applicazione

- Per forature a volumi elevati in tutti i settori
- I componenti tipici sono piastre per scambiatori di calore, componentistica automotive, alberi, pompe e valvole, flange e travi strutturali in acciaio con profilo a I e H
- Tolleranza foro H9/H10
- Utilizzabile in varie applicazioni di foratura



Caratteristiche e vantaggi

- Gli avanzamenti elevati consentono di raggiungere velocità di avanzamento più elevate, aumentare la produttività e ridurre i costi per foro
- L'interfaccia di bloccaggio in pretensionamento brevettata e la robusta geometria della cuspidi sono ideali per una foratura sicura ed efficiente
- La struttura dell'interfaccia offre capacità di centraggio ottimali, per fori più dritti e tolleranze più strette
- Un'unica geometria per tutti i materiali e assenza di punta pilota si traducono in scorte più ridotte
- Geometria elicoidale ottimizzata con due canali per refrigerante a elica, per un'evacuazione truciolo perfetta e una qualità del foro ideale



Campi di applicazione ISO

Avanzamenti elevati all'insegna della produttività

Consente avanzamenti più elevati del 40%, con un aumento incredibile della produttività e un'efficienza costi ineguagliabile. Inoltre, anche le emissioni di CO₂ per operazione si riducono di circa il 20%.

40%

Aumento
dell'avanzamento*

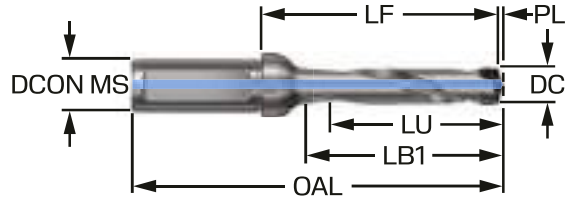
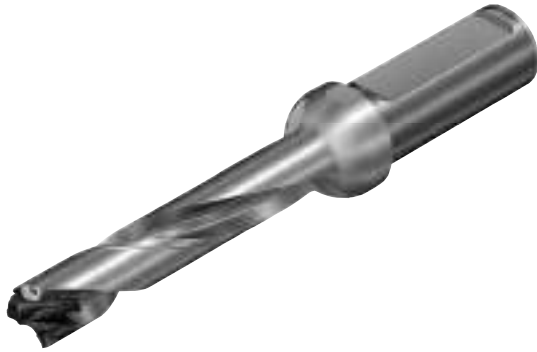
-20%

Emissioni di CO₂
per operazione

*Valore registrato tramite confronto con competitor in ambiente cliente.

CoroDrill® DE10 punta a cuspido intercambiabile

ISO 9766 stelo

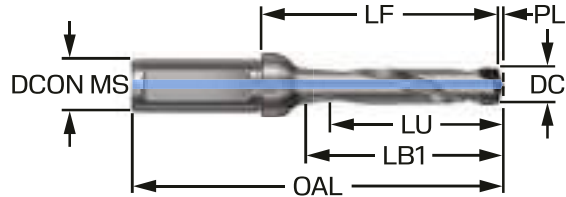
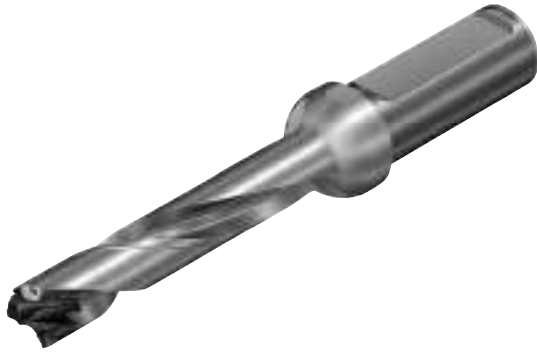


Metrico (mm)

	Ordering code	DCN [mm]	DCX [mm]	LU [mm]	TCHA	DCON _{MS} [mm]	LF [mm]	OAL [mm]	LB [mm]	PL [mm]	CP [bar]	RPMX [1/min]
NEW	DE10-D1100-110L16-3	11.00	11.49	36.05	H9	16.00	48.22	97.80	37.1	1.58	10	65000
NEW	DE10-D1100-110L16-5	11.00	11.49	59.03	H9	16.00	71.02	120.60	59.9	1.58	10	35000
NEW	DE10-D1100-110L16-8	11.00	11.49	93.50	H9	16.00	105.22	154.80	94.1	1.58	10	18000
NEW	DE10-D1150-115L16-3	11.50	11.99	37.35	H9	16.00	49.65	99.30	38.7	1.65	10	63500
NEW	DE10-D1150-115L16-5	11.50	11.99	61.15	H9	16.00	73.45	123.10	62.5	1.65	10	34000
NEW	DE10-D1150-115L16-8	11.50	11.99	96.85	H9	16.00	109.15	158.80	98.2	1.65	10	17500
NEW	DE10-D1200-120L16-3	12.00	12.49	39.19	H9	16.00	51.18	100.90	40.4	1.72	10	62000
NEW	DE10-D1200-120L16-5	12.00	12.49	64.17	H9	16.00	75.98	125.70	65.2	1.72	10	33000
NEW	DE10-D1200-120L16-8	12.00	12.49	101.64	H9	16.00	113.18	162.90	102.4	1.72	10	16500
NEW	DE10-D1250-125L16-3	12.50	12.99	40.49	H9	16.00	52.61	102.40	41.9	1.79	10	60500
NEW	DE10-D1250-125L16-5	12.50	12.99	66.29	H9	16.00	78.41	128.20	67.7	1.79	10	32500
NEW	DE10-D1250-125L16-8	12.50	12.99	104.99	H9	16.00	117.11	166.90	106.4	1.79	10	16000

	Codice di ordinazione	DCN [mm]	DCX [mm]	LU [mm]	TCHA	DCON _{MS} [mm]	LF [mm]	OAL [mm]	LB [mm]	PL [mm]	CP [bar]	RPMX [1/min]
NUOVO	DE10-D1300-130L16-3	13.00	13.49	42.33	H9	16.00	54.14	104.00	43.6	1.86	10	59000
NUOVO	DE10-D1300-130L16-5	13.00	13.49	69.31	H9	16.00	80.94	130.80	70.4	1.86	10	31500
NUOVO	DE10-D1300-130L16-8	13.00	13.49	109.78	H9	16.00	121.14	171.00	110.6	1.86	10	16000
NUOVO	DE10-D1350-135L16-3	13.50	13.99	43.62	H9	16.00	55.68	105.60	45.2	1.92	10	58000
NUOVO	DE10-D1350-135L16-5	13.50	13.99	71.42	H9	16.00	83.48	133.40	73.0	1.92	10	30500
NUOVO	DE10-D1350-135L16-8	13.50	13.99	113.12	H9	16.00	125.18	175.10	114.7	1.92	10	15500
NUOVO	DE10-D1400-140L20-3	14.00	14.99	46.74	H9	20.00	62.16	114.20	48.4	2.04	10	50000
NUOVO	DE10-D1400-140L20-5	14.00	14.99	76.54	H9	20.00	91.96	144.00	78.2	2.04	10	26500
NUOVO	DE10-D1400-140L20-8	14.00	14.99	121.24	H9	20.00	136.66	188.70	122.9	2.04	10	13500
NUOVO	DE10-D1500-150L20-3	15.00	15.99	49.90	H9	20.00	65.10	117.30	51.6	2.20	10	48000
NUOVO	DE10-D1500-150L20-5	15.00	15.99	81.70	H9	20.00	96.90	149.10	83.4	2.20	10	25500
NUOVO	DE10-D1500-150L20-8	15.00	15.99	129.40	H9	20.00	144.60	196.80	131.1	2.20	10	13000
NUOVO	DE10-D1600-160L20-3	16.00	16.99	53.04	H9	20.00	68.06	120.40	54.9	2.34	10	46500
NUOVO	DE10-D1600-160L20-5	16.00	16.99	86.84	H9	20.00	101.86	154.20	88.7	2.34	10	24500
NUOVO	DE10-D1600-160L20-8	16.00	16.99	137.54	H9	20.00	152.56	204.90	139.4	2.34	10	12000
NUOVO	DE10-D1700-170L20-3	17.00	17.99	56.18	H9	20.00	71.02	123.50	58.1	2.48	10	45000
NUOVO	DE10-D1700-170L20-5	17.00	17.99	91.98	H9	20.00	106.82	159.30	93.9	2.48	10	23500
NUOVO	DE10-D1700-170L20-8	17.00	17.99	145.68	H9	20.00	160.52	213.00	147.6	2.48	10	11500

CoroDrill® DE10 punta a cuspido intercambiabile

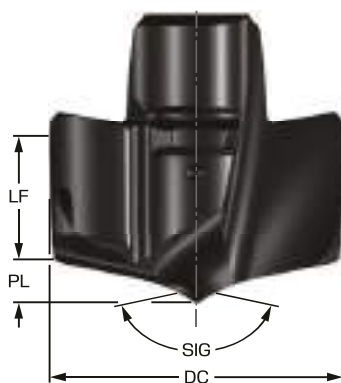


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	Ordering code	DCN [inch]	DCX [inch]	LU [inch]	TCHA	DCON _{MS} [mm]	LF [inch]	OAL [inch]	LB [inch]	PL [inch]	CP [lbf/in2]	RPMX [1/min]
NEW	DE10-D1100-110LX16-3	0.433	0.452	1.419	H9	0.625	1.898	3.850	1.461	0.062	145	65000
NEW	DE10-D1100-110LX16-5	0.433	0.452	2.324	H9	0.625	2.796	4.748	2.358	0.062	145	35000
NEW	DE10-D1100-110LX16-8	0.433	0.452	3.681	H9	0.625	4.143	6.094	3.705	0.062	145	18000
NEW	DE10-D1150-115LX16-3	0.453	0.472	1.470	H9	0.625	1.955	3.909	1.524	0.065	145	63500
NEW	DE10-D1150-115LX16-5	0.453	0.472	2.407	H9	0.625	2.892	4.846	2.461	0.065	145	34000
NEW	DE10-D1150-115LX16-8	0.453	0.472	3.813	H9	0.625	4.297	6.252	3.866	0.065	145	17000
NEW	DE10-D1200-120LX16-3	0.472	0.492	1.543	H9	0.625	2.015	3.972	1.591	0.068	145	62000
NEW	DE10-D1200-120LX16-5	0.472	0.492	2.526	H9	0.625	2.991	4.949	2.567	0.068	145	33000
NEW	DE10-D1200-120LX16-8	0.472	0.492	4.002	H9	0.625	4.456	6.413	4.031	0.068	145	16500
NEW	DE10-D1250-125LX16-3	0.492	0.511	1.594	H9	0.625	2.071	4.031	1.650	0.070	145	60500
NEW	DE10-D1250-125LX16-5	0.492	0.511	2.610	H9	0.625	3.087	5.047	2.665	0.070	145	32000
NEW	DE10-D1250-125LX16-8	0.492	0.511	4.133	H9	0.625	4.611	6.571	4.189	0.070	145	16500

	Codice di ordinazione	DCN [inch]	DCX [inch]	LU [inch]	TCHA	DCON _{MS} [inch]	LF [inch]	OAL [inch]	LB [inch]	PL [inch]	CP [lbf/in2]	RPMX [1/min]
NUOVO	DE10-D1300-130LX16-3	0.512	0.531	1.667	H9	0.625	2.131	4.094	1.713	0.073	145	59000
NUOVO	DE10-D1300-130LX16-5	0.512	0.531	2.729	H9	0.625	3.187	5.150	2.768	0.073	145	31500
NUOVO	DE10-D1300-130LX16-8	0.512	0.531	4.322	H9	0.625	4.769	6.732	4.351	0.073	145	16000
NUOVO	DE10-D1350-135LX16-3	0.531	0.551	1.717	H9	0.625	2.192	4.157	1.776	0.076	145	58000
NUOVO	DE10-D1350-135LX16-5	0.531	0.551	2.812	H9	0.625	3.287	5.252	2.871	0.076	145	30500
NUOVO	DE10-D1350-135LX16-8	0.531	0.551	4.454	H9	0.625	4.928	6.894	4.513	0.076	145	15500
NUOVO	DE10-D1400-140LX19-3	0.551	0.590	1.840	H9	0.750	2.447	4.496	1.901	0.080	145	49500
NUOVO	DE10-D1400-140LX19-5	0.551	0.590	3.013	H9	0.750	3.620	5.669	3.075	0.080	145	26500
NUOVO	DE10-D1400-140LX19-8	0.551	0.590	4.773	H9	0.750	5.380	7.429	4.834	0.080	145	13500
NUOVO	DE10-D1500-150LX19-3	0.591	0.630	1.965	H9	0.750	2.563	4.618	2.030	0.087	145	48000
NUOVO	DE10-D1500-150LX19-5	0.591	0.630	3.217	H9	0.750	3.815	5.870	3.282	0.087	145	25500
NUOVO	DE10-D1500-150LX19-8	0.591	0.630	5.094	H9	0.750	5.693	7.748	5.160	0.087	145	13000
NUOVO	DE10-D1600-160LX19-3	0.630	0.669	2.088	H9	0.750	2.680	4.740	2.158	0.092	145	46500
NUOVO	DE10-D1600-160LX19-5	0.630	0.669	3.419	H9	0.750	4.010	6.071	3.489	0.092	145	24500
NUOVO	DE10-D1600-160LX19-8	0.630	0.669	5.415	H9	0.750	6.006	8.067	5.485	0.092	145	12000
NUOVO	DE10-D1700-170LX19-3	0.669	0.708	2.212	H9	0.750	2.796	4.862	2.286	0.098	145	45000
NUOVO	DE10-D1700-170LX19-5	0.669	0.708	3.621	H9	0.750	4.206	6.272	3.696	0.098	145	23500
NUOVO	DE10-D1700-170LX19-8	0.669	0.708	5.735	H9	0.750	6.320	8.386	5.810	0.098	145	11500

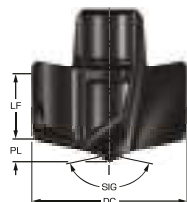
CoroDrill® DE10 cuspid



Metrico (mm)

		P		S		H	K	M	N					
Ordering code		2334	4334	2334	4334	4334	2334	2334	2334	SSC	LF [mm]	PL [mm]	DC [mm]	SIG [deg]
NEW	DE10-1100-110-M5	○	●	●	○	○	○	●	○	110	4.67	1.55	11.00	158.00
NEW	DE10-1110-110-M5	○	●	●	○	○	○	●	○	110	4.66	1.56	11.10	158.00
NEW	DE10-1111-110-M5	○	●	●	○	○	○	●	○	110	4.66	1.56	11.11	158.00
NEW	DE10-1120-110-M5	○	●	●	○	○	○	●	○	110	4.65	1.57	11.20	158.00
NEW	DE10-1130-110-M5	○	●	●	○	○	○	●	○	110	4.65	1.58	11.30	158.00
NEW	DE10-1140-110-M5	○	●	●	○	○	○	●	○	110	4.64	1.59	11.40	158.00
NEW	DE10-1150-115-M5	○	●	●	○	○	○	●	○	115	4.88	1.62	11.50	158.00
NEW	DE10-1160-115-M5	○	●	●	○	○	○	●	○	115	4.87	1.63	11.60	158.00
NEW	DE10-1170-115-M5	○	●	●	○	○	○	●	○	115	4.86	1.64	11.70	158.00
NEW	DE10-1180-115-M5	○	●	●	○	○	○	●	○	115	4.86	1.65	11.80	158.00
NEW	DE10-1190-115-M5	○	●	●	○	○	○	●	○	115	4.85	1.65	11.90	158.00
NEW	DE10-1200-120-M5	○	●	●	○	○	○	●	○	120	5.10	1.69	12.00	158.00
NEW	DE10-1210-120-M5	○	●	●	○	○	○	●	○	120	5.09	1.70	12.10	158.00
NEW	DE10-1220-120-M5	○	●	●	○	○	○	●	○	120	5.08	1.71	12.20	158.00
NEW	DE10-1230-120-M5	○	●	●	○	○	○	●	○	120	5.08	1.72	12.30	158.00
NEW	DE10-1240-120-M5	○	●	●	○	○	○	●	○	120	5.07	1.72	12.40	158.00
NEW	DE10-1250-125-M5	○	●	●	○	○	○	●	○	125	5.31	1.76	12.50	158.00
NEW	DE10-1260-125-M5	○	●	●	○	○	○	●	○	125	5.30	1.77	12.60	158.00
NEW	DE10-1270-125-M5	○	●	●	○	○	○	●	○	125	5.29	1.78	12.70	158.00
NEW	DE10-1280-125-M5	○	●	●	○	○	○	●	○	125	5.29	1.79	12.80	158.00
NEW	DE10-1290-125-M5	○	●	●	○	○	○	●	○	125	5.28	1.79	12.90	158.00

CoroDrill® DE10 cuspidi

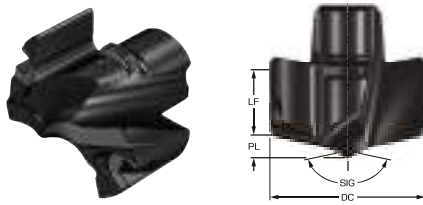


Metrico (mm)

		P		S		H	K		M		N						
Codice di ordinazione		2334	4334	2334	4334	4334	2334	4334	2334	4334	2334	4334	SSC	LF [mm]	PL [mm]	DC [mm]	SIG [deg]
NUOVO	DE10-1300-130-M5	○	●	●	○	○	○	○	●	●	○	○	130	5.53	1.83	13.00	158.00
NUOVO	DE10-1310-130-M5	○	●	●	○	○	○	○	●	●	○	○	130	5.52	1.84	13.10	158.00
NUOVO	DE10-1320-130-M5	○	●	●	○	○	○	○	●	●	○	○	130	5.51	1.85	13.20	158.00
NUOVO	DE10-1330-130-M5	○	●	●	○	○	○	○	●	●	○	○	130	5.50	1.85	13.30	158.00
NUOVO	DE10-1340-130-M5	○	●	●	○	○	○	○	●	●	○	○	130	5.50	1.86	13.40	158.00
NUOVO	DE10-1350-135-M5	○	●	●	○	○	○	○	●	●	○	○	135	5.74	1.90	13.50	158.00
NUOVO	DE10-1360-135-M5	○	●	●	○	○	○	○	●	●	○	○	135	5.73	1.91	13.60	158.00
NUOVO	DE10-1370-135-M5	○	●	●	○	○	○	○	●	●	○	○	135	5.72	1.91	13.70	158.00
NUOVO	DE10-1380-135-M5	○	●	●	○	○	○	○	●	●	○	○	135	5.72	1.92	13.80	158.00
NUOVO	DE10-1390-135-M5	○	●	●	○	○	○	○	●	●	○	○	135	5.71	1.93	13.90	158.00
NUOVO	DE10-1400-140-M5	○	●	●	○	○	○	○	●	●	○	○	140	5.94	1.99	14.00	158.00
NUOVO	DE10-1410-140-M5	○	●	●	○	○	○	○	●	●	○	○	140	5.93	2.00	14.10	158.00
NUOVO	DE10-1420-140-M5	○	●	●	○	○	○	○	●	●	○	○	140	5.92	2.01	14.20	158.00
NUOVO	DE10-1429-140-M5	○	●	●	○	○	○	○	●	●	○	○	140	5.91	2.02	14.29	158.00
NUOVO	DE10-1430-140-M5	○	●	●	○	○	○	○	●	●	○	○	140	5.91	2.02	14.30	158.00
NUOVO	DE10-1440-140-M5	○	●	●	○	○	○	○	●	●	○	○	140	5.90	2.02	14.40	158.00
NUOVO	DE10-1450-140-M5	○	●	●	○	○	○	○	●	●	○	○	140	5.89	2.03	14.50	158.00
NUOVO	DE10-1460-140-M5	○	●	●	○	○	○	○	●	●	○	○	140	5.89	2.04	14.60	158.00
NUOVO	DE10-1470-140-M5	○	●	●	○	○	○	○	●	●	○	○	140	5.88	2.05	14.70	158.00
NUOVO	DE10-1480-140-M5	○	●	●	○	○	○	○	●	●	○	○	140	5.87	2.06	14.80	158.00
NUOVO	DE10-1490-140-M5	○	●	●	○	○	○	○	●	●	○	○	140	5.86	2.06	14.90	158.00
NUOVO	DE10-1500-150-M5	○	●	●	○	○	○	○	●	●	○	○	150	6.35	2.13	15.00	158.00
NUOVO	DE10-1510-150-M5	○	●	●	○	○	○	○	●	●	○	○	150	6.35	2.14	15.10	158.00
NUOVO	DE10-1520-150-M5	○	●	●	○	○	○	○	●	●	○	○	150	6.34	2.15	15.20	158.00
NUOVO	DE10-1530-150-M5	○	●	●	○	○	○	○	●	●	○	○	150	6.33	2.15	15.30	158.00
NUOVO	DE10-1540-150-M5	○	●	●	○	○	○	○	●	●	○	○	150	6.32	2.16	15.40	158.00
NUOVO	DE10-1550-150-M5	○	●	●	○	○	○	○	●	●	○	○	150	6.31	2.17	15.50	158.00
NUOVO	DE10-1560-150-M5	○	●	●	○	○	○	○	●	●	○	○	150	6.31	2.18	15.60	158.00
NUOVO	DE10-1570-150-M5	○	●	●	○	○	○	○	●	●	○	○	150	6.30	2.19	15.70	158.00
NUOVO	DE10-1580-150-M5	○	●	●	○	○	○	○	●	●	○	○	150	6.29	2.20	15.80	158.00
NUOVO	DE10-1588-150-M5	○	●	●	○	○	○	○	●	●	○	○	150	6.28	2.20	15.88	158.00
		P		S		H	K		M		N						

● = Scelta prioritaria ○ = Buona scelta

CoroDrill® DE10, cuspidi



Metrico (mm)

		P		S		H		K		M		N							
Codice di ordinazione		2334	4334	2334	4334	4334	2334	4334	2334	4334	2334	4334	SSC	LF [mm]	PL [mm]	DC [mm]	SIG [deg]		
NUOVO	DE10-1590-150-M5	○	●	○	○	○	○	○	○	○	○	○	150	6.28	2.20	15.90	158.00		
NUOVO	DE10-1600-160-M5	○	●	○	○	○	○	○	○	○	○	○	160	6.78	2.27	16.00	158.00		
NUOVO	DE10-1610-160-M5	○	●	○	○	○	○	○	○	○	○	○	160	6.78	2.28	16.10	158.00		
NUOVO	DE10-1613-160-M5	○	●	○	○	○	○	○	○	○	○	○	160	6.77	2.28	16.13	158.00		
NUOVO	DE10-1620-160-M5	○	●	○	○	○	○	○	○	○	○	○	160	6.77	2.29	16.20	158.00		
NUOVO	DE10-1630-160-M5	○	●	○	○	○	○	○	○	○	○	○	160	6.76	2.29	16.30	158.00		
NUOVO	DE10-1640-160-M5	○	●	○	○	○	○	○	○	○	○	○	160	6.75	2.30	16.40	158.00		
NUOVO	DE10-1650-160-M5	○	●	○	○	○	○	○	○	○	○	○	160	6.74	2.31	16.50	158.00		
NUOVO	DE10-1660-160-M5	○	●	○	○	○	○	○	○	○	○	○	160	6.73	2.32	16.60	158.00		
NUOVO	DE10-1670-160-M5	○	●	○	○	○	○	○	○	○	○	○	160	6.73	2.33	16.70	158.00		
NUOVO	DE10-1680-160-M5	○	●	○	○	○	○	○	○	○	○	○	160	6.72	2.33	16.80	158.00		
NUOVO	DE10-1690-160-M5	○	●	○	○	○	○	○	○	○	○	○	160	6.71	2.34	16.90	158.00		
NUOVO	DE10-1700-170-M5	○	●	○	○	○	○	○	○	○	○	○	170	7.21	2.41	17.00	158.00		
NUOVO	DE10-1710-170-M5	○	●	○	○	○	○	○	○	○	○	○	170	7.20	2.42	17.10	158.00		
NUOVO	DE10-1720-170-M5	○	●	○	○	○	○	○	○	○	○	○	170	7.20	2.42	17.20	158.00		
NUOVO	DE10-1730-170-M5	○	●	○	○	○	○	○	○	○	○	○	170	7.19	2.43	17.30	158.00		
NUOVO	DE10-1740-170-M5	○	●	○	○	○	○	○	○	○	○	○	170	7.18	2.44	17.40	158.00		
NUOVO	DE10-1746-170-M5	○	●	○	○	○	○	○	○	○	○	○	170	7.18	2.44	17.46	158.00		
NUOVO	DE10-1750-170-M5	○	●	○	○	○	○	○	○	○	○	○	170	7.17	2.45	17.50	158.00		
NUOVO	DE10-1760-170-M5	○	●	○	○	○	○	○	○	○	○	○	170	7.16	2.46	17.60	158.00		
NUOVO	DE10-1770-170-M5	○	●	○	○	○	○	○	○	○	○	○	170	7.16	2.46	17.70	158.00		
NUOVO	DE10-1780-170-M5	○	●	○	○	○	○	○	○	○	○	○	170	7.15	2.47	17.80	158.00		
NUOVO	DE10-1790-170-M5	○	●	○	○	○	○	○	○	○	○	○	170	7.14	2.48	17.90	158.00		

● = Scelta prioritaria ○ = Buona scelta