



KINTEK spa strada del Fornacino 167 - 10040 LEINI' (TO) ITALY
tel. 0039 011 9919711 fax 0039 011 9919722/9919733
<http://www.kintek.it> e-mail: info@kintek.it



LISTINO PREZZI
LISTE DE PRIX
PRICE LIST
PREISLISTE



INDICE INDEX

STANDARD STEILKEGELAUFNAHMEN UND ZUBEHÖR
STANDARD TOOLHOLDERS AND ACCESSORIES
MANDRINS STANDARD ET ACCESSOIRES
MANDRINI STANDARD ED ACCESSORI

p. 3

HSK (DIN 69893)

p. 25

SCHRUMPFUTTER
SHRINK FIT CHUCKS
MANDRINS DE FRETTAGE
MANDRINI A CALETTAMENTO

p. 35

WERKZEUGHALTER FÜR CNC-DREHEMASCHINEN
TOOLHOLDERS FOR CNC LATHES
PORTE-OUTILS POUR TOURS CNC
PORTAUTENSILI PER TORNI CNC

p. 43

KLEMMHALTER/BOHRSTANGEN
TURNING TOOLS
PORTE-PLAQUETTES
PORTAINSERI

p. 59

HSK KLEMMHALTER UND WERKZEUGHALTER (NACH DIN 69893)
HSK HOLDERS AND TOOLHOLDERS (DIN 69893)
OUTILS ET PORTE-OUTILS AVEC ATTACHEMENT HSK (DIN 69893)
UTENSILI E PORTAUTENSILI CON ATTACCO HSK (DIN 69893)

p. 67

FRÄSER MIT WENDESCHNEIDPLATTEN
WENDENPLATTEN-VOLLBOHER FÜR BEARBEITUNGSZENTRUM
MILLING CUTTERS WITH INDEXABLE INSERTS
WORKING CENTER HIGH SPEED DRILLS
FRAISES Á FIXAGE MÉCANIQUE
FORET A PLAQUETTES POUR CENTRE D'USINAGE
FRESE A FISSAGGIO MECCANICO
PUNTE AD INSERTI PER CENTRI DI LAVORO

p. 77

STANDARD STEILKEGELAUFNAHMEN UND ZUBEHÖR

STANDARD TOOLHOLDERS AND ACCESSORIES
MANDRINS STANDARD ET ACCESSOIRES
MANDRINI STANDARD ED ACCESSORI



DIN 2080

ZYLINDERSCHAFTAUFNAHME WELDON
END MILL HOLDERS WELDON
MANDRINS POUR OUTIL TYPE WELDON
MANDRINI PORTAFRESE TIPO WELDON

DIN 1835 B

pag. 3

cat. code	description		€
K4 213-11102	ISO40H50WE06		77,00
K4 213-11103	ISO40H50WE08		67,00
K4 213-11104	ISO40H50WE10		67,00
K4 213-11105	ISO40H50WE12		67,00
K4 213-11106	ISO40H50WE14		67,00
K4 213-11107	ISO40H63WE16		67,00
K4 213-11108	ISO40H63WE18		67,00
K4 213-11109	ISO40H63WE20		67,00
K4 213-11110	ISO40H90WE25		80,00
K4 213-11111	ISO40H90WE32		90,00
K4 213-11112	ISO50H50WE06		105,00
K4 213-11113	ISO50H50WE08		100,00
K4 213-11114	ISO50H63WE10		100,00
K4 213-11115	ISO50H63WE12		100,00
K4 213-11116	ISO50H63WE14		100,00
K4 213-11117	ISO50H63WE16		100,00
K4 213-11118	ISO50H63WE18		100,00
K4 213-11119	ISO50H63WE20		100,00
K4 213-11120	ISO50H80WE25		115,00
K4 213-11121	ISO50H85WE32		120,00
K4 213-11122	ISO50H95WE40		145,00

ZYLINDERSCHAFTAUFNAHME WHISTLE NOTCH
END MILL HOLDERS WHISTLE NOTCH
MANDRINS POUR OUTIL TYPE WHISTLE NOTCH
MANDRINI PORTAFRESE TIPO WHISTLE NOTCH

DIN 1835 E

pag. 4

cat. code	description		€
K4 213-31102	ISO40H50WN06		87,50
K4 213-31103	ISO40H50WN08		80,00
K4 213-31104	ISO40H50WN10		80,00
K4 213-31105	ISO40H50WN12		80,00
K4 213-31106	ISO40H50WN14		80,00
K4 213-31107	ISO40H63WN16		80,00
K4 213-31108	ISO40H63WN18		80,00
K4 213-31109	ISO40H63WN20		80,00
K4 213-31110	ISO40H90WN25		95,50
K4 213-31111	ISO40H90WN32		105,50
K4 213-31112	ISO50H50WN06		121,00
K4 213-31113	ISO50H50WN08		113,50
K4 213-31114	ISO50H63WN10		113,50
K4 213-31115	ISO50H63WN12		113,50
K4 213-31116	ISO50H63WN14		113,50
K4 213-31117	ISO50H63WN16		113,50
K4 213-31118	ISO50H63WN18		113,50
K4 213-31119	ISO50H63WN20		113,50
K4 213-31120	ISO50H80WN25		129,00
K4 213-31121	ISO50H85WN32		134,00
K4 213-31122	ISO50H95WN40		154,50

KOMBI-AUFSTECKFRÄSDORNE
COMBI-SHELL MILL ADAPTORS
MANDRINS PORTE-FRAISES A DOUBLE USAGE
MANDRINI PORTAFRESE COMBINATI

DIN 6358

pag. 5

cat. code	description		€
K4 216-11101	ISO40H52D16C		80,00
K4 216-11102	ISO40H52D22C		80,00
K4 216-11103	ISO40H52D27C		85,00
K4 216-11104	ISO40H52D32C		88,00
K4 216-11105	ISO40H52D40C		95,50
K4 216-11106	ISO50H55D16C		98,00

STD.	cat. code	description		€
K4 216-11107	ISO50H55D22C			98,00
K4 216-11108	ISO50H55D27C			106,00
K4 216-11109	ISO50H55D32C			108,00
K4 216-11110	ISO50H55D40C			113,50

EXTENDED	cat. code	description		€
K4 216-11120	ISO40H90D16C			100,50
K4 216-11121	ISO40H90D22C			100,50
K4 216-11122	ISO40H90D27C			106,00
K4 216-11123	ISO40H100D32C			125,00
K4 216-11125	ISO50H100D16C			140,00
K4 216-11126	ISO50H100D22C			140,00
K4 216-11127	ISO50H100D27C			145,00
K4 216-11128	ISO50H100D32C			147,00
K4 216-11129	ISO50H100D40C			152,00

AUFSTECKFRÄSDORNE FÜR FRÄSER MIT QUERNUT
FACE MILL HOLDERS-TENONS DRIVE
MANDRINS PORTE-FRAISE-ENTRAINEMENT PAR TENONS
MANDRINI PORTAFRESE A TRASCINAMENTO FISSO

ISO 3937

pag. 6

STD.	cat. code	description		€
K4 216-71105	ISO40H45D16F			75,00
K4 216-71106	ISO40H45D22F			75,00
K4 216-71107	ISO40H45D27F			80,00
K4 216-71108	ISO40H50D32F			85,00
K4 216-71109	ISO40H55D40F			90,00
K4 216-71115	ISO50H45D16F			95,50
K4 216-71116	ISO50H45D22F			95,50
K4 216-71117	ISO50H45D27F			100,50
K4 216-71118	ISO50H50D32F			106,00
K4 216-71119	ISO50H50D40F			111,00

EXTENDED	cat. code	description		€
K4 216-71141	ISO40H120D16F			118,50
K4 216-71142	ISO40H120D22F			118,50
K4 216-71143	ISO40H120D27F			121,00
K4 216-71144	ISO40H120D32F			129,00
K4 216-71145	ISO50H150D16F			170,50
K4 216-71146	ISO50H150D22F			170,50
K4 216-71147	ISO50H150D27F			175,50
K4 216-71148	ISO50H150D32F			180,50
K4 216-71149	ISO50H150D40F			186,00

AUFSTECKFRÄSERDORNE FÜR MESSERKÖPFE
FACE MILL HOLDER FOR FACE MILLING CUTTERS
MANDRINS PORTE-FRAISE POUR FRAISES A SURFACER
MANDRINI PORTAFRESE PER FRESE A SPIANARE

DIN 6357

pag. 7

cat. code	description		€
K4 216-21101	ISO40H46.6D40		118,50
K4 216-21102	ISO50H53.2D40		165,00
K4 216-21104	ISO50H70.2D60		235,00

ZWISCHENHÜSLEN FÜR MORSEKEGEL MIT AUSTREIBLAPPEN
MORSE TAPER ADAPTORS FOR DRILLS
DOUILLES POUR CONE MORSE A TENON
MANDRINI PORTAPUNTE ATTACCO CONO MORSE

DIN 228-2 D

pag. 7

cat. code	description		€
K4 212-41101	ISO40H50CM1P		64,50
K4 212-41102	ISO40H50CM2P		64,50
K4 212-41103	ISO40H65CM3P		69,50
K4 212-41104	ISO40H95CM4P		72,50
K4 212-41111	ISO50H45CM1P		93,00
K4 212-41105	ISO50H60CM2P		93,00
K4 212-41106	ISO50H65CM3P		98,00
K4 212-41107	ISO50H70CM4P		106,00
K4 212-41108	ISO50H105CM5P		125,50

STD.

ZWISCHENHÜLSEN FÜR MORSEKEGEL MIT ANZUGSGEWINDE
MORSE TAPER ADAPTER WITH TREAD
DOUILLES POUR CONE MORSE AVEC TARAUDAGE
MANDRINI PORTAFRESE ATTACCO CONO MORSE

DIN 228-2 D

pag. 8

cat. code	description		€
K4	212-21101	ISO40H50CM1F	72,00
K4	212-21102	ISO40H50CM2F	72,00
K4	212-21103	ISO40H65CM3F	77,50
K4	212-21104	ISO40H95CM4F	85,00
K4	212-21111	ISO50H45CM1F	103,00
K4	212-21105	ISO50H60CM2F	103,00
K4	212-21106	ISO50H65CM3F	108,50
K4	212-21107	ISO50H65CM4F	116,00
K4	212-21108	ISO50H120CM5F	137,50

ZWISCHENHÜLSEN FÜR MORSEKEGEL MIT AUSTREIBLAPPEN ODER ANZUGSGEWINDE
MORSE TAPER ADAPTORS FOR DRILLS AND MILLS
DOUILLES POUR CONE MORSE A TENON ET AVEC TARAUDAGE
MANDRINI PORTAPUNTE-PORTAFRESE ATTACCO CONO MORSE

DIN 228-2 D

pag. 9

cat. code	description		€
K4	212-61101	ISO40H50CM1P/F	78,00
K4	212-61102	ISO40H50CM2P/F	78,00
K4	212-61103	ISO40H65CM3P/F	83,50
K4	212-61105	ISO50H45CM1P/F	111,50
K4	212-61106	ISO50H60CM2P/F	111,50
K4	212-61107	ISO50H65CM3P/F	117,00
K4	212-61108	ISO50H65CM4P/F	120,00
K4	212-61109	ISO50H100CM5P/F	148,00

STANDARD

K4	212-61114	ISO40H115CM1P/F	120,00
K4	212-61115	ISO40H125CM2P/F	125,50
K4	212-61116	ISO40H140CM3P/F	134,00
K4	212-61117	ISO50H120CM1P/F	161,50
K4	212-61118	ISO50H140CM2P/F	167,00
K4	212-61119	ISO50H150CM3P/F	186,50
K4	212-61120	ISO50H180CM4P/F	209,00
K4	212-61121	ISO50H220CM5P/F	234,50

EXTENDED

ZWISCHENHÜLSEN SK X HSK - HAND SPANNSYSTEM
TAPER ADAPTER SA X HSK - MANUAL CLAMPING
DOUILLES INTERMEDIAIRES SA X HSK - SERRAGE MANUEL
MANDRINI RIDUZIONE DA ISO A HSK - CHIUSURA MANUALE

pag. 10

cat. code	description		€
K4	212-91106	ISO40H50HSK40A	625,00
K4	212-91101	ISO40H60HSK50A	640,00
K4	212-91102	ISO40H80HSK63A	660,00
K4	212-91103	ISO50H50HSK50A	675,00
K4	212-91104	ISO50H60HSK63A	715,00

ZWISCHENHÜLSEN SK X SK
ISO TAPER ADAPTORS
DOUILLES INTERMEDIAIRES SA X SA
MANDRINI A RIDUZIONE DA ISO A ISO

pag. 10

cat. code	description		€
K4	212-11102	ISO40H50ISO30/TC30	108,50
K4	212-11111	ISO40H100ISO40/TC40	180,00
K4	212-11101	ISO50H63ISO40/TC40	135,50
K4	212-11112	ISO50H100ISO50/TC50	270,00

SPANNZANGENFUTTER ER TYP
ER COLLET CHUCKS
MANDRINS A PINCES TYPE ER
MANDRINI PORTAPINZA TIPO ER

DIN 6499

pag. 11

cat. code	description		€
K4	214-31105	ISO30H42ER16	90,00
K4	214-31106	ISO30H42ER25	90,00
K4	214-31107	ISO30H50ER32	90,00

ST.

K4	214-31101	ISO40H53ER25	90,00
K4	214-31102	ISO40H68ER32	90,00
K4	214-31114	ISO40H80ER40	98,00
K4	214-31137	ISO50H65ER25	118,50
K4	214-31103	ISO50H68ER32	118,50
K4	214-31104	ISO50H76ER40	129,00

STD.

K4	214-31108	ISO40H110ER25	109,00
K4	214-31109	ISO40H110ER32	111,00
K4	214-31138	ISO50H140ER25	184,00
K4	214-31110	ISO50H140ER32	180,50
K4	214-31111	ISO50H140ER40	184,00

EXTEN.

KRAFTSPANNFUTTER
MILLING CHUCK
MANDRINS A FORT SERRAGE
MANDRINI A FORTE SERRAGGIO

pag. 12

cat. code	description		€
K4	214-01101	ISO40H83C32	284,00
K4	214-01102	ISO50H85C32	408,00

BOHRFUTTERAUFNAHMEN
ABORS FOR DRILL CHUCKS
ARBRES POUR MANDRINS DE PERCAGE
ATTACCO PER MANDRINI PORTAPUNTE

pag. 12

cat. code	description		€
K4	216-31102	ISO40H17B16	60,00
K4	216-31103	ISO40H17B18	60,00
K4	216-31104	ISO50H20B16	100,00
K4	216-31105	ISO50H20B18	100,00

KURZBOHRFUTTER
UNIVERSAL DRILL CHUCKS
MANDRINS UNIVERSELS DE PERCAGE
MANDRINI PORTAPUNTE INTEGRALI

pag. 13

cat. code	description		€
K4	252-11101	ISO40H105R1-13	332,90
K4	252-11102	ISO40H115R3-16	355,50
K4	252-11103	ISO50H105R1-13	440,50
K4	252-11104	ISO50H115R3-16	640,30

KURZBOHRFUTTER FÜR RECHTS- UND LINKSLAUF
UNIVERSAL DRILL CHUCKS FOR LEFT AND RIGHT ROTATION
MANDRIN DE PERCAGE POUR ROTATION GAUCHE-DROITE
MANDRINI PORTAPUNTE INTEGRALI PER ROTAZIONE DESTRA E SINISTRA

pag. 13

cat. code	description		€
K4	252-11105	ISO40H85R1-13X	478,50
K4	252-11106	ISO40H90R3-16X	510,70
K4	252-11107	ISO50H85R1-13X	639,50
K4	252-11108	ISO50H90R3-16X	700,00

GEWINDESCHNEID-SCHNELLWECHSELFUTTER MIT LÄNGENAUSGLEICH
TENSION AND COMPRESSION TAPPING HEAD
MANDRINS DE TARAUDAGE A CHANGEMENT RAPIDE A DOUBLE USAGE
MASCHIATORI A DOPPIA COMPENSAZIONE

pag. 14

cat. code	description		€
K4	M-1010	ISO30H50GR1DC	304,50
K4	M-1020	ISO40H52GR1DC	232,50
K4	M-1120	ISO40H77GR2DC	317,50
K4	M-1130	ISO50H79GR2DC	428,50
K4	M-1220	ISO40H118GR3DC	560,00
K4	M-1230	ISO50H125GR3DC	625,00

STELLHÜLSENAUFNAHMEN
MASTER SHANKS FOR ADJUSTABLE ADAPTORS
MANDRINS POUR DOUILLES DE REGLAGE
MANDRINI PER ASTUCCI REGISTRABILI

DIN 6327

pag. 14

cat. code	description		€
K4 211-11101	ISO40H100D28TR		93,00
K4 211-11102	ISO40H120D36TR		103,50
K4 211-11103	ISO50H100D28TR		124,00
K4 211-11104	ISO50H100D36TR		134,50

ROHLINGE
BLANK TOOLHOLDER
BARRES D'ALEPAGE SEMI-FINIES
MANDRINI SEMILAVORATI A STELO TENERO

pag. 15

cat. code	description		€
K4 217-41101	ISO40H160D40.5SM		101,00
K4 217-41102	ISO40H160D63.5SM		110,50
K4 217-41103	ISO40H250D63.5SM		134,00
K4 217-41104	ISO50H160D80SM		173,50
K4 217-41105	ISO50H200D80SM		182,00
K4 217-41106	ISO50H300D80SM		245,00

DIN 69871 A

ZYLINDERSCHAFTAUFNAHME WELDON
END MILL HOLDERS WELDON
MANDRINS POUR OUTIL TYPE WELDON
MANDRINI PORTAFRESE TIPO WELDON

DIN 1835 B

pag. 19

cat. code	description		€
K4 263-11201	TC30H45WE06		85,00
K4 263-11202	TC30H45WE08		77,00
K4 263-11203	TC30H50WE10		77,00
K4 263-11204	TC30H50WE12		77,00
K4 263-11205	TC30H70WE16		77,00
K4 263-11206	TC30H70WE20		92,00
K4 213-11326	TC40H50WE06 AD+B		80,00
K4 213-11327	TC40H50WE08 AD+B		72,00
K4 213-11328	TC40H50WE10 AD+B		72,00
K4 213-11329	TC40H50WE12 AD+B		72,00
K4 213-11330	TC40H50WE14 AD+B		72,00
K4 213-11324	TC40H63WE16 AD+B		72,00
K4 213-11331	TC40H63WE18 AD+B		72,00
K4 213-11325	TC40H63WE20 AD+B		72,00
K4 213-11323	TC40H100WE25 AD+B		85,00
K4 213-11332	TC40H100WE32 AD+B		95,00
K4 213-11393	TC40H115WE40 AD+B		125,00
K4 213-11333	TC50H63WE06 AD+B		113,50
K4 213-11334	TC50H63WE08 AD+B		106,00
K4 213-11335	TC50H63WE10 AD+B		106,00
K4 213-11336	TC50H63WE12 AD+B		106,00
K4 213-11337	TC50H63WE14 AD+B		106,00
K4 213-11338	TC50H63WE16 AD+B		106,00
K4 213-11339	TC50H63WE18 AD+B		106,00
K4 213-11340	TC50H63WE20 AD+B		106,00
K4 213-11341	TC50H80WE25 AD+B		124,00
K4 213-11342	TC50H100WE32 AD+B		138,00
K4 213-11343	TC50H120WE40 AD+B		165,00
K4 263-11343	TC50H120WE50 AD+B		235,00

ZYLINDERSCHAFTAUFNAHME WELDON-LANG
END MILL HOLDERS WELDON-LONG PROJECTION TYPE
MANDRINS POUR OUTIL TYPE WELDON-SERIE LONGUE
MANDRINI PORTAFRESE TIPO WELDON-SERIE LUNGA

DIN 1835 B

pag. 20

cat. code	description		€
K4 213-11344	TC40H100WE06 AD+B		100,50
K4 213-11345	TC40H100WE08 AD+B		92,50
K4 213-11346	TC40H100WE10 AD+B		92,50
K4 213-11347	TC40H100WE12 AD+B		92,50
K4 213-11348	TC40H100WE14 AD+B		92,50
K4 213-11349	TC40H100WE16 AD+B		92,50
K4 213-11370	TC40H100WE18 AD+B		92,50
K4 213-11350	TC40H100WE20 AD+B		92,50
K4 213-11351	TC50H100WE06 AD+B		138,00
K4 213-11352	TC50H100WE08 AD+B		133,00
K4 213-11353	TC50H100WE10 AD+B		133,00

K4 213-11354	TC50H100WE12 AD+B		133,00
K4 213-11355	TC50H100WE14 AD+B		133,00
K4 213-11356	TC50H100WE16 AD+B		133,00
K4 213-11357	TC50H100WE18 AD+B		133,00
K4 213-11358	TC50H100WE20 AD+B		133,00
K4 213-11359	TC50H100WE25 AD+B		150,00
K4 213-11362	TC40H160WE06 AD+B		147,00
K4 213-11363	TC40H160WE08 AD+B		135,00
K4 213-11371	TC40H160WE10 AD+B		135,00
K4 213-11372	TC40H160WE12 AD+B		135,00
K4 213-11394	TC40H160WE14 AD+B		135,00
K4 213-11360	TC40H160WE16 AD+B		135,00
K4 213-11395	TC40H160WE18 AD+B		135,00
K4 213-11361	TC40H160WE20 AD+B		135,00
K4 213-11396	TC40H160WE25 AD+B		150,00
K4 213-11397	TC40H160WE32 AD+B		165,00
K4 213-11364	TC50H160WE06 AD+B		186,00
K4 213-11365	TC50H160WE08 AD+B		180,00
K4 213-11366	TC50H160WE10 AD+B		180,00
K4 213-11367	TC50H160WE12 AD+B		180,00
K4 213-11398	TC50H160WE14 AD+B		180,00
K4 213-11368	TC50H160WE16 AD+B		180,00
K4 213-11399	TC50H160WE18 AD+B		180,00
K4 213-11369	TC50H160WE20 AD+B		180,00
K4 263-11301	TC50H160WE25 AD+B		200,00
K4 263-11302	TC50H160WE32 AD+B		235,00

ZYLINDERSCHAFTAUFNAHME WELDON-LANG
END MILL HOLDERS WELDON-LONG PROJECTION TYPE
MANDRINS POUR OUTIL TYPE WELDON-SERIE LONGUE
MANDRINI PORTAFRESE TIPO WELDON-SERIE LUNGA

DIN 1835 B

pag. 21

cat. code	description		€
K4 263-11303	TC40H200WE06 AD+B		197,00
K4 263-11304	TC40H200WE08 AD+B		185,00
K4 263-11305	TC40H200WE10 AD+B		185,00
K4 263-11306	TC40H200WE12 AD+B		185,00
K4 263-11307	TC40H200WE14 AD+B		185,00
K4 263-11308	TC40H200WE16 AD+B		185,00
K4 263-11309	TC40H200WE18 AD+B		185,00
K4 263-11310	TC40H200WE20 AD+B		185,00
K4 263-11311	TC40H200WE25 AD+B		200,00
K4 263-11312	TC40H200WE32 AD+B		215,00
K4 263-11313	TC50H200WE06 AD+B		255,00
K4 263-11314	TC50H200WE08 AD+B		250,00
K4 263-11315	TC50H200WE10 AD+B		250,00
K4 263-11316	TC50H200WE12 AD+B		250,00
K4 263-11317	TC50H200WE14 AD+B		250,00
K4 263-11318	TC50H200WE16 AD+B		250,00
K4 263-11319	TC50H200WE18 AD+B		250,00
K4 263-11320	TC50H200WE20 AD+B		250,00
K4 263-11321	TC50H200WE25 AD+B		270,00
K4 263-11381	TC50H200WE32 AD+B		295,00

KURZE ZYLINDERSCHAFTAUFNAHME WELDON ISO 1835 B
SHORT END MILL WELDON HOLDERS
MANDRINS COURTS PORTE-FRAISE TYPE WELDON
MANDRINI CORTI PORTAFRESE TIPO WELDON pag. 22

cat. code	description	€
K4 263-11322	TC40H35WE16 AD+B	77,00
K4 263-11323	TC40H35WE20 AD+B	77,00
K4 263-11324	TC40H35WE25 AD+B	77,00
K4 263-11325	TC40H60WE25 AD+B	93,00
K4 263-11326	TC40H70WE32 AD+B	103,00
K4 263-11327	TC50H35WE16 AD+B	113,50
K4 263-11328	TC50H35WE20 AD+B	113,50
K4 263-11329	TC50H35WE25 AD+B	113,50
K4 263-11330	TC50H35WE32 AD+B	113,50

ZYLINDERSCHAFTAUFNAHME WELDON MIT SPRITZDÜSE DIN 1835 B
END MILL HOLDERS WELDON WITH COOLANT NOOSE FRONT FACE
MANDRINS POUR OUTIL TYPE WELDON AVEC BUSE D'ARROSAGE
MANDRINI PORTAFRESE TIPO WELDON CON SFERE DI LUBRIFICAZIONE pag. 23

cat. code	description	€
K4 213-11383	TC40H50WE06-CNFF AD+B	113,00
K4 213-11384	TC40H50WE08-CNFF AD+B	100,00
K4 213-11385	TC40H50WE10-CNFF AD+B	100,00
K4 213-11386	TC40H50WE12-CNFF AD+B	100,00
K4 213-11387	TC40H50WE14-CNFF AD+B	100,00
K4 213-11388	TC40H63WE16-CNFF AD+B	100,00
K4 213-11389	TC40H63WE18-CNFF AD+B	100,00
K4 213-11390	TC40H63WE20-CNFF AD+B	100,00
K4 213-11391	TC40H100WE25-CNFF AD+B	113,00
K4 213-11392	TC40H100WE32-CNFF AD+B	125,00
K4 263-11331	TC40H115WE40-CNFF AD+B	155,00
K4 263-11332	TC50H63WE06-CNFF AD+B	150,00
K4 263-11333	TC50H63WE08-CNFF AD+B	140,00
K4 263-11334	TC50H63WE10-CNFF AD+B	140,00
K4 263-11335	TC50H63WE12-CNFF AD+B	140,00
K4 263-11336	TC50H63WE14-CNFF AD+B	140,00
K4 263-11337	TC50H63WE16-CNFF AD+B	140,00
K4 263-11338	TC50H63WE18-CNFF AD+B	140,00
K4 263-11339	TC50H63WE20-CNFF AD+B	140,00
K4 263-11340	TC50H80WE25-CNFF AD+B	160,00
K4 263-11341	TC50H100WE32-CNFF AD+B	178,00
K4 263-11342	TC50H120WE40-CNFF AD+B	205,00

ZYLINDERSCHAFTAUFNAHME WHISTLE NOTCH DIN 1835 E
END MILL HOLDERS WHISTLE NOTCH
MANDRINS POUR OUTIL TYPE WHISTLE NOTCH
MANDRINI PORTAFRESE TIPO WHISTLE NOTCH pag. 24

cat. code	description	€
K4 213-31317	TC40H50WN06 AD+B	93,00
K4 213-31318	TC40H50WN08 AD+B	90,00
K4 213-31319	TC40H50WN10 AD+B	90,00
K4 213-31320	TC40H50WN12 AD+B	90,00
K4 213-31321	TC40H50WN14 AD+B	90,00
K4 213-31322	TC40H63WN16 AD+B	90,00
K4 213-31323	TC40H63WN18 AD+B	90,00
K4 213-31324	TC40H63WN20 AD+B	90,00
K4 213-31325	TC40H100WN25 AD+B	103,00
K4 213-31326	TC40H100WN32 AD+B	113,50
K4 213-31327	TC40H115WN40 AD+B	130,00
K4 213-31328	TC50H63WN06 AD+B	131,50
K4 213-31329	TC50H63WN08 AD+B	124,00
K4 213-31330	TC50H63WN10 AD+B	124,00
K4 213-31331	TC50H63WN12 AD+B	124,00
K4 213-31332	TC50H63WN14 AD+B	124,00
K4 213-31333	TC50H63WN16 AD+B	124,00
K4 213-31334	TC50H63WN18 AD+B	124,00
K4 213-31335	TC50H63WN20 AD+B	124,00
K4 213-31336	TC50H80WN25 AD+B	142,00
K4 213-31337	TC50H100WN32 AD+B	165,00
K4 213-31338	TC50H120WN40 AD+B	175,00

ZYLINDERSCHAFTAUFNAHME WHISTLE NOTCH -LANG DIN 1835 E
END MILL HOLDERS WHISTLE NOTCH -LONG PROJECTION TYPE
MANDRINS POUR OUTIL TYPE WHISTLE NOTCH -SERIE LONGUE
MANDRINI PORTAFRESE TIPO WHISTLE NOTCH -SERIE LUNGA pag. 25

cat. code	description	€
K4 213-31308	TC40H100WN06 AD+B	110,00
K4 213-31309	TC40H100WN08 AD+B	106,00
K4 213-31310	TC40H100WN10 AD+B	106,00
K4 213-31311	TC40H100WN12 AD+B	106,00
K4 213-31312	TC40H100WN14 AD+B	106,00
K4 213-31313	TC40H100WN16 AD+B	106,00
K4 213-31339	TC40H100WN18 AD+B	106,00
K4 213-31340	TC40H100WN20 AD+B	106,00
K4 213-31341	TC50H100WN06 AD+B	165,00
K4 213-31342	TC50H100WN08 AD+B	160,00
K4 213-31343	TC50H100WN10 AD+B	160,00
K4 213-31344	TC50H100WN12 AD+B	160,00
K4 213-31345	TC50H100WN14 AD+B	160,00
K4 213-31346	TC50H100WN16 AD+B	160,00
K4 213-31347	TC50H100WN18 AD+B	160,00
K4 213-31348	TC50H100WN20 AD+B	160,00
K4 213-31349	TC50H100WN25 AD+B	165,00
K4 213-31350	TC40H160WN06 AD+B	184,00
K4 213-31351	TC40H160WN08 AD+B	174,00
K4 213-31352	TC40H160WN10 AD+B	174,00
K4 213-31353	TC40H160WN12 AD+B	174,00
K4 213-31354	TC40H160WN14 AD+B	174,00
K4 213-31355	TC40H160WN16 AD+B	174,00
K4 213-31356	TC40H160WN18 AD+B	174,00
K4 213-31357	TC40H160WN20 AD+B	174,00
K4 213-31358	TC40H160WN25 AD+B	181,00
K4 213-31359	TC40H160WN32 AD+B	188,00
K4 213-31360	TC50H160WN06 AD+B	233,00
K4 213-31361	TC50H160WN08 AD+B	225,00
K4 213-31362	TC50H160WN10 AD+B	225,00
K4 213-31363	TC50H160WN12 AD+B	225,00
K4 213-31364	TC50H160WN14 AD+B	225,00
K4 213-31365	TC50H160WN16 AD+B	225,00
K4 213-31366	TC50H160WN18 AD+B	225,00
K4 213-31367	TC50H160WN20 AD+B	225,00
K4 263-31368	TC50H160WN25 AD+B	250,00
K4 263-31369	TC50H160WN32 AD+B	275,00

ZYLINDERSCHAFTAUFNAHME WHISTLE NOTCH -LANG DIN 1835 E
END MILL HOLDERS WHISTLE NOTCH -LONG PROJECTION TYPE
MANDRINS POUR OUTIL TYPE WHISTLE NOTCH -SERIE LONGUE
MANDRINI PORTAFRESE TIPO WHISTLE NOTCH -SERIE LUNGA pag. 26

cat. code	description	€
K4 263-31370	TC40H200WN06 AD+B	225,00
K4 263-31371	TC40H200WN08 AD+B	219,00
K4 263-31372	TC40H200WN10 AD+B	219,00
K4 263-31373	TC40H200WN12 AD+B	219,00
K4 263-31374	TC40H200WN14 AD+B	219,00
K4 263-31375	TC40H200WN16 AD+B	219,00
K4 263-31376	TC40H200WN18 AD+B	219,00
K4 263-31377	TC40H200WN20 AD+B	219,00
K4 263-31378	TC40H200WN25 AD+B	244,00
K4 263-31379	TC40H200WN32 AD+B	250,00
K4 263-31380	TC50H200WN06 AD+B	315,00
K4 263-31381	TC50H200WN08 AD+B	314,00
K4 263-31382	TC50H200WN10 AD+B	314,00
K4 263-31383	TC50H200WN12 AD+B	314,00
K4 263-31384	TC50H200WN14 AD+B	314,00
K4 263-31385	TC50H200WN16 AD+B	314,00
K4 263-31386	TC50H200WN18 AD+B	314,00
K4 263-31387	TC50H200WN20 AD+B	314,00
K4 263-31388	TC50H200WN25 AD+B	335,00
K4 213-31389	TC50H200WN32 AD+B	360,00

KOMBI AUFSTECKFRÄSDORNE
COMBI-SHELL MILL ADAPTORS
MANDRINS PORTE-FRAISES A DOUBLE USAGE
MANDRINI PORTAFRESE COMBINATI

DIN 6358

pag. 27

cat. code	description	€
K4 216-11232	TC30H50D16C	85,50
K4 216-11234	TC30H50D22C	85,50
K4 216-11236	TC30H55D27C	90,00
K4 216-11201	TC40H55D16C	85,00
K4 216-11202	TC40H55D22C	85,00
K4 216-11203	TC40H55D27C	93,00
K4 216-11204	TC40H60D32C	105,50
K4 216-11205	TC40H60D40C	113,50
K4 216-11206	TC50H55D16C	113,50
K4 216-11207	TC50H55D22C	113,50
K4 216-11208	TC50H55D27C	118,50
K4 216-11209	TC50H55D32C	124,00
K4 216-11210	TC50H55D40C	129,00
K4 216-11211	TC50H70D50C	170,50

cat. code	description	€
K4 216-11213	TC40H90D16C	116,00
K4 216-11214	TC40H90D22C	116,00
K4 216-11215	TC40H90D27C	124,00
K4 216-11216	TC40H100D32C	125,50
K4 216-11217	TC40H100D40C	131,00
K4 216-11218	TC50H100D16C	155,00
K4 216-11219	TC50H100D22C	155,00
K4 216-11220	TC50H100D27C	160,00
K4 216-11221	TC50H100D32C	162,50
K4 216-11222	TC50H100D40C	165,50

AUFSTECKFRÄSDORNE FÜR FRÄSER MIT QUERNUT
FACE MILL HOLDERS-TENONS DRIVE
MANDRINS PORTE-FRAISE-ENTRAINEMENT PAR TENONS
MANDRINI PORTAFRESE A TRASCINAMENTO FISSO

ISO 3937

pag. 28

cat. code	description	€
K4 216-71201	TC30H35D16F	80,00
K4 216-71202	TC30H35D22F	80,00
K4 216-71203	TC30H50D27F	85,50
K4 216-71204	TC40H45D16F	80,00
K4 216-71205	TC40H45D22F	80,00
K4 216-71206	TC40H50D27F	85,50
K4 216-71207	TC40H55D32F	93,00
K4 216-71208	TC40H55D40F	108,50
K4 216-71214	TC50H45D16F	108,50
K4 216-71215	TC50H45D22F	108,50
K4 216-71216	TC50H45D27F	111,00
K4 216-71217	TC50H50D32F	116,00
K4 216-71218	TC50H55D40F	124,00

AUFSTECKFRÄSDORNE FÜR FRÄSER MIT QUERNUT MIT KÜHLMITTELZUFUHR
FACE MILL HOLDERS-TENONS DRIVE-WITH INTERNAL COOLANT SUPPLY
MANDRINS PORTE-FRAISE-ENTRAINEMENT PAR TENONS AVEC ARROSSAGE INTERNE
MANDRINI PORTAFRESE A TRASCINAMENTO FISSO CON PASSAGGIO REFRIGERANTE

ISO 1835 B

pag. 29

cat. code	description	€
K4 216-71301	TC40H45D16F AD+B	120,00
K4 216-71302	TC40H45D22F AD+B	120,00
K4 216-71303	TC40H50D27F AD+B	124,00
K4 216-71304	TC40H55D32F AD+B	132,00
K4 216-71305	TC40H55D40F AD+B	140,00
K4 216-71306	TC50H45D16F AD+B	145,00
K4 216-71307	TC50H45D22F AD+B	145,00
K4 216-71308	TC50H45D27F AD+B	150,00
K4 216-71309	TC50H55D32F AD+B	158,00
K4 216-71310	TC50H55D40F AD+B	166,00

AUFSTECKFRÄSDORNE FÜR FRÄSER MIT QUERNUT-LANG
FACE MILL HOLDERS-TENONS DRIVE-LONG PROJECTION TYPE
MANDRINS PORTE-FRAISE-ENTRAINEMENT PAR TENONS-SERIE LONGUE
MANDRINI PORTAFRESE A TRASCINAMENTO FISSO-SERIE LUNGA

ISO 3937

pag. 30

cat. code	description	€
K4 216-71255	TC40H100D16F	128,00
K4 216-71259	TC40H100D22F	128,00
K4 266-71233	TC50H100D16F	147,50
K4 216-71267	TC50H100D22F	149,50
K4 216-71272	TC50H100D22F	149,50
K4 216-71277	TC50H100D27F	155,00
K4 266-71256	TC50H100D32F	160,00
K4 216-71256	TC40H150D16F	160,00
K4 216-71260	TC40H150D22F	160,00
K4 266-71234	TC50H150D16F	180,00
K4 216-71268	TC50H150D22F	193,50
K4 216-71273	TC50H150D22F	193,50
K4 216-71278	TC50H150D27F	199,00
K4 266-71257	TC50H150D32F	205,00
K4 216-71257	TC40H200D16F	183,00
K4 216-71261	TC40H200D22F	183,00
K4 266-71250	TC50H200D16F	222,00
K4 216-71269	TC50H200D22F	222,00
K4 216-71274	TC50H200D22F	222,00
K4 216-71279	TC50H200D27F	227,50
K4 266-71258	TC50H200D32F	239,00

AUFSTECKFRÄSDORNE FÜR FRÄSER MIT QUERNUT MIT KÜHLMITTELZUFUHR-LANG
FACE MILL HOLDERS-TENONS DRIVE-WITH INTERNAL COOLANT SUPPLY-LONG
MANDRINS PORTE-FRAISE-ENTRAINEMENT PAR TENONS AVEC ARROSSAGE INTERNE-LONGUE
MANDRINI PORTAFRESE A TRASCINAMENTO FISSO CON PASSAGGIO REFRIGERANTE-LUNGA

ISO 3937

pag. 31

cat. code	description	€
K4 216-71321	TC40H100D16F AD+B	165,00
K4 216-71322	TC40H100D22F AD+B	165,00
K4 216-71323	TC40H100D27F AD+B	170,50
K4 216-71324	TC40H100D32F AD+B	180,50
K4 216-71312	TC50H100D16F AD+B	188,50
K4 216-71313	TC50H100D22F AD+B	188,50
K4 216-71314	TC50H100D27F AD+B	194,00
K4 216-71315	TC50H100D32F AD+B	204,00
K4 216-71316	TC50H100D40F AD+B	212,00

AUFSTECKFRÄSDORNE FÜR MESSERKÖPFE
FACE MILL HOLDER FOR FACE MILLING CUTTERS
MANDRINS PORTE-FRAISE POUR FRAISES A SURFACER
MANDRINI PORTAFRESE PER FRESE A SPIANARE

DIN 6357

pag. 32

cat. code	description	€
K4 216-21201	TC40H60D40	145,00
K4 216-21202	TC50H70D40	185,00
K4 216-21203	TC50H70D60	255,00

ZWISCHENHÜLSEN FÜR MORSEKEGEL MIT AUSTREIBLAPPEN
MORSE TAPER ADAPTORS FOR DRILLS
DOUILLES POUR CONE MORSE A TENON
MANDRINI PORTAPUNTE ATTACCO CONO MORSE

DIN 228-2D

pag. 32

cat. code	description	€
K4 212-41214	TC30H55CM1P	76,50
K4 212-41215	TC30H60CM2P	76,50
K4 212-41216	TC30H90CM3P	82,00
K4 212-41201	TC40H50CM1P	77,00
K4 212-41202	TC40H50CM2P	77,00
K4 212-41203	TC40H70CM3P	77,00
K4 212-41204	TC40H95CM4P	82,50
K4 212-41205	TC50H50CM1P	103,00
K4 212-41206	TC50H60CM2P	103,00
K4 212-41207	TC50H65CM3P	108,50
K4 212-41208	TC50H95CM4P	116,50
K4 212-41209	TC50H120CM5P	137,00

ZWISCHENHÜLSEN FÜR MORSEKEGEL MIT ANZUGSGEWINDE
MORSE TAPER ADAPTER WITH TREAD
DOUILLES POUR CONE MORSE AVEC TARAUDAGE
MANDRINI PORTAFRESE ATTACCO CONO MORSE
DIN 228-2 C
pag. 33

cat. code	description	€
K4 212-21214	TC30H50CM1F	77,50
K4 212-21215	TC30H60CM2F	77,50
K4 212-21216	TC30H80CM3F	83,00
K4 212-21201	TC40H50CM1F	77,00
K4 212-21202	TC40H50CM2F	77,00
K4 212-21203	TC40H70CM3F	82,50
K4 212-21204	TC40H95CM4F	90,00
K4 212-21205	TC50H45CM1F	108,50
K4 212-21206	TC50H60CM2F	108,50
K4 212-21207	TC50H65CM3F	113,50
K4 212-21208	TC50H95CM4F	121,00
K4 212-21209	TC50H120CM5F	142,50

ZWISCHENHÜLSEN FÜR MORSEKEGEL MIT ANZUGSGEWINDE
MORSE TAPER ADAPTER WITH TREAD
DOUILLES POUR CONE MORSE AVEC TARAUDAGE
MANDRINI PORTAFRESE ATTACCO CONO MORSE
DIN 228-2 C
pag. 34

cat. code	description	€
K4 212-31321	TC40H50CM2F AD+B	90,00
K4 212-31322	TC40H70CM3F AD+B	95,50
K4 212-31323	TC40H95CM4F AD+B	106,00
K4 212-31324	TC50H60CM2F AD+B	121,00
K4 212-31325	TC50H65CM3F AD+B	131,50
K4 212-31326	TC50H95CM4F AD+B	142,50
K4 212-31327	TC50H120CM5F AD+B	165,50

ZWISCHENHÜLSEN FÜR MORSEKEGEL MIT AUSTREIBLAPPEN ODER ANZUGSGEWINDE
MORSE TAPER ADAPTORS FOR DRILLS AND MILLS
DOUILLES POUR CONE MORSE A TENON ET AVEC TARAUDAGE
MANDRINI PORTAPUNTE-PORTAFRESE ATTACCO CONO MORSE
DIN 228-2 C/D
pag. 35

cat. code	description	€
K4 212-61219	TC30H55CM1P/F	83,50
K4 212-61220	TC30H65CM2P/F	83,50
K4 212-61221	TC30H90CM3P/F	89,50
K4 212-61201	TC40H50CM1P/F	83,50
K4 212-61202	TC40H60CM2P/F	83,50
K4 212-61203	TC40H75CM3P/F	89,50
K4 212-61205	TC50H45CM1P/F	114,50
K4 212-61206	TC50H60CM2P/F	114,50
K4 212-61207	TC50H65CM3P/F	120,00
K4 212-61208	TC50H95CM4P/F	128,50
K4 212-61209	TC50H120CM5P/F	151,00

K4 212-61222	TC30H110CM1P/F	125,50
K4 212-61223	TC30H120CM2P/F	128,50
K4 212-61224	TC30H140CM3P/F	134,00
K4 212-61210	TC40H115CM1P/F	125,50
K4 212-61211	TC40H125CM2P/F	131,00
K4 212-61212	TC40H140CM3P/F	138,50
K4 212-61214	TC50H120CM1P/F	162,00
K4 212-61215	TC50H140CM2P/F	175,50
K4 212-61216	TC50H150CM3P/F	189,50
K4 212-61217	TC50H180CM4P/F	215,00
K4 212-61218	TC50H220CM5P/F	245,50

ZWISCHENHÜLSEN SK X HSK – HAND SPANNSYSTEM
TAPER ADAPTER SA X HSK – MANUAL CLAMPING
DOUILLES INTERMEDIAIRES SA X HSK – SERRAGE MANUEL
MANDRINI RIDUZIONE DA TC A HSK – CHIUSURA MANUALE
pag. 36

cat. code	description	€
K4 212-91305	TC40H50HSK40 AD+B	652,00
K4 212-91301	TC40H60HSK50 AD+B	667,00
K4 212-91302	TC40H80HSK63 AD+B	687,50

K4 212-91306	TC50H50HSK40 AD+B	695,00
K4 212-91303	TC50H50HSK50 AD+B	705,00
K4 212-91304	TC50H60HSK63 AD+B	745,00

ZWISCHENHÜLSEN SK X SK
ISO TAPER ADAPTORS
DOUILLES INTERMEDIAIRES TC X SA
MANDRINI RIDUZIONE E PROLUNGE TC/ISO
pag. 36

cat. code	description	€
K4 212-11204	TC40H60ISO30/TC30	103,50
K4 212-11213	TC40H100ISO40/TC40	125,50
K4 212-11201	TC50H70ISO40/TC40	139,50
K4 212-11214	TC50H120ISO50/TC50	180,50

SPANNZANGENFUTTER ER TYP
ER COLLET CHUCK
MANDRINS A PINCES TYPE ER
MANDRINI PORTAPINZA TIPO ER
DIN 6499
pag. 37

cat. code	description	€
K4 214-31211	TC30H55ER16	87,50
K4 214-31212	TC30H55ER25	87,50
K4 214-31228	TC30H60ER32	90,00
K4 214-31362	TC40H70ER16 AD+B	87,50
K4 214-31329	TC40H70ER25 AD+B	87,50
K4 214-31331	TC40H70ER32 AD+B	90,00
K4 214-31333	TC40H70ER40 AD+B	103,00
K4 214-31348	TC50H70ER25 AD+B	118,50
K4 214-31335	TC50H70ER32 AD+B	118,50
K4 214-31338	TC50H80ER40 AD+B	129,00

K4 214-31213	TC30H100ER16	122,50
K4 214-31214	TC30H100ER25	122,50
K4 214-31363	TC40H100ER16 AD+B	118,50
K4 214-31347	TC40H100ER25 AD+B	118,50
K4 214-31348	TC40H100ER32 AD+B	121,00
K4 214-31364	TC40H100ER40 AD+B	124,00
K4 214-31365	TC50H100ER16 AD+B	149,50
K4 214-31342	TC50H100ER25 AD+B	149,50
K4 214-31336	TC50H100ER32 AD+B	152,00
K4 214-31339	TC50H100ER40 AD+B	156,00

SPANNZANGENFUTTER ER TYP - LANG
ER COLLET CHUCK - LONG
MANDRINS A PINCES TYPE ER - SERIE LONGUE
MANDRINI PORTAPINZA TIPO ER - SERIE LUNGA
DIN 6499
pag. 38

cat. code	description	€
K4 214-31359	TC40H160ER16 AD+B	149,50
K4 214-31345	TC40H160ER25 AD+B	149,50
K4 214-31346	TC40H160ER32 AD+B	152,00
K4 214-31366	TC40H160ER40 AD+B	156,00
K4 214-31367	TC50H160ER16 AD+B	185,00
K4 214-31368	TC50H160ER25 AD+B	185,00
K4 214-31337	TC50H160ER32 AD+B	188,50
K4 214-31340	TC50H160ER40 AD+B	196,00
K4 214-31369	TC40H200ER16 AD+B	186,00
K4 214-31370	TC40H200ER25 AD+B	186,00
K4 214-31371	TC40H200ER32 AD+B	188,00
K4 214-31372	TC40H200ER40 AD+B	192,00
K4 214-31373	TC50H200ER16 AD+B	232,50
K4 214-31374	TC50H200ER25 AD+B	232,50
K4 214-31375	TC50H200ER32 AD+B	236,00
K4 214-31376	TC50H200ER40 AD+B	239,00

SPANNZANGENFUTTER ER TYP EXTRAKURZ
ER COLLET CHUCK WITH INSIDE NUT
MANDRINS COURTS A PINCES TYPE ER
MANDRINI PORTAPINZA TIPO ER EXTRACORTI

pag. 39

cat. code	description		€
K4	214-31377	TC40H21ER25A- AD+B	130,50
K4	264-31215	TC40H21ER32A	120,50
K4	214-31378	TC50H21ER32A- AD+B	158,50

BOHRFUTTERAUFNAHMEN
ABORS FOR DRILL CHUCKS
ARBRES POUR MANDRINS DE PERCAGE
ATTACCO PER MANDRINI PORTAPUNTE

DIN 238

pag. 39

cat. code	description		€
K4	216-31207	TC30H40B12	72,50
K4	216-31208	TC30H40B16	72,50
K4	216-31201	TC40H40B16	83,50
K4	216-31202	TC40H40B18	83,50
K4	216-31203	TC50H40B16	109,00
K4	216-31204	TC50H40B18	109,00

SPANNZANGENFUTTER EOC TYP
EOC COLLET CHUCK
MANDRINS A PINCES TYPE EOC
MANDRINI PORTAPINZA TIPO EOC

DIN 6388

pag. 40

cat. code	description		€
K4	214-11320	TC40H70EOC16 AD+B	113,50
K4	214-11321	TC40H70EOC25 AD+B	124,00
K4	214-11322	TC50H70EOC25 AD+B	155,00
K4	214-11323	TC50H80EOC32 AD+B	206,50

STD.

K4	214-11324	TC40H130EOC16 AD+B	139,50
K4	214-11325	TC40H130EOC25 AD+B	149,50
K4	214-11326	TC50H130EOC25 AD+B	206,50
K4	214-11327	TC50H130EOC32 AD+B	238,50

EXT.

KRAFTSPANNFUTTER
MILLING CHUCK
MANDRINS A FORT SERRAGE
MANDRINI A FORTE SERRAGGIO

pag. 41

cat. code	description		€
K4	214-01301	TC40H105C20	304,50
K4	214-01302	TC40H105C32	335,50
K4	214-01303	TC40H135C32	439,00
K4	214-01304	TC50H105C20	382,00
K4	214-01305	TC50H105C32	418,50
K4	214-01306	TC50H135C32	542,50

HYDRO-DEHNSPANNFUTTER FÜR WERKZEUGE MIT ZYLINDERSCHAFT
HYDRO-EXPANSION CHUCKS FOR TOOLS WITH CYLINDRICAL SHANK
MANDRINS HYDRO-EXPANSIBLES POUR OUTIL A QUEUE CYLINDRIQUE
MANDRINI IDRAULICI PER UTENSILI ATTACCO CILINDRICO

pag. 41

cat. code	description		€
K4	252-11205	TC40H80G06-WO AD+B	365,00
K4	252-11206	TC40H80G08-WO AD+B	365,00
K4	252-11207	TC40H80G10-WO AD+B	345,00
K4	252-11201	TC40H80G12-WO AD+B	345,00
K4	252-11208	TC40H80G16-WO AD+B	345,00
K4	252-11202	TC40H80G20-WO AD+B	345,00
K4	252-11209	TC40H80G25-WO AD+B	345,00
K4	252-11210	TC40H80G32-WO AD+B	358,00
K4	252-11203	TC50H80G20-WO AD+B	350,00
K4	252-11204	TC50H80G32-WO AD+B	365,00

NC-BOHRFUTTER
UNIVERSAL DRILL CHUCKS
MANDRINS UNIVERSELS DE PERCAGE
MANDRINI PORTAPUNTE INTEGRALI

pag. 42

cat. code	description		€
K4	252-11211	TC40H95R1-13	318,50
K4	252-11212	TC40H115R3-16	349,00
K4	252-11213	TC50H85R1-13	390,50
K4	252-11214	TC50H95R3-16	425,50

NC-BOHRFUTTER FÜR RECHTS- UND LINKSLAUF
NC DRILL CHUCKS FOR LEFT AND RIGHT ROTATION
MANDRIN DE PERCAGE CNC POUR ROTATION GAUCHE-DROITE
MANDRINI PORTAPUNTE INTEGRALI PER ROTAZIONE DESTRA E SINISTRA

pag. 42

cat. code	description		€
K4	252-11301	TC40H90R1-13X-AD/B	450,00
K4	252-11302	TC40H95R3-16X-AD/B	480,00
K4	252-11303	TC50H90R1-13X-AD/B	603,50
K4	252-11304	TC50H95R3-16X-AD/B	635,00

STELLHÜSENSAUFNAHMEN
MASTER SHANKS FOR ADJUSTABLE ADAPTORS
MANDRINS POUR DOUILLES REGLAGE
MANDRINI PER ASTUCCI REGISTABILI

DIN 6327

pag. 43

cat. code	description		€
K4	211-11201	TC40H70D28TR	106,00
K4	211-11202	TC40H120D36TR	117,00
K4	211-11203	TC50H100D28TR	139,50
K4	211-11204	TC50H100D36TR	150,50

ROHLINGE
BLANK TOOLHOLDER
BARRES D'ALEPAGE SEMI-FINIES
MANDRINI SEMILAVORATI A STELO TENERO

pag. 43

cat. code	description		€
K4	217-41204	TC40H160D40.5SM	114,50
K4	217-41205	TC40H160D63.5SM	114,50
K4	217-41206	TC40H250D63.5SM	139,50
K4	217-41207	TC50H160D80SM	175,50
K4	217-41208	TC50H200D80SM	189,50
K4	217-41209	TC50H300D80SM	212,00

SPANNZANGENFUTTER TYP ER OHNE MITNEHMERNUTE
ER COLLET CHUCK WITHOUT DRIVING SLOTS
MANDRINS PORTE-PINCE-ENTRAÎNEMENT SANS CRANS
MANDRINI PORTAPINZA TIPO ER SENZA TACCHE DI TRASCINAMENTO

DIN 6499

pag. 44

cat. code	description		€
K4	214-31263NY	TEK30H60ER16DX	93,50
K4	214-31263	TEK30H60ER16DX	78,50
K4	217-90227NY	TEK30H50ER20DX	93,50
K4	217-90227	TEK30H50ER20DX	78,50
K4	217-90228NY	TEK30H50ER25DX	93,50
K4	217-90228	TEK30H50ER25DX	78,50
K4	214-31240NY	TEK30H50ER32DX	96,50
K4	214-31240	TEK30H50ER32DX	81,50
K4	214-31266NY	TEK30H65ER32DX	96,50
K4	214-31266	TEK30H65ER32DX	81,50
K4	214-31275NY	TEK30H59.2ER40DX	100,50
K4	214-31275	TEK30H59.2ER40DX	85,50
K4	214-31262NY	TEK30H65ER40DX	100,50
K4	214-31262	TEK30H65ER40DX	85,50
K4	214-31271NY	TEK30H50ER32SX	96,50
K4	214-31271	TEK30H50ER32SX	81,50
K4	214-31276NY	TEK30H59.2ER40SX	100,50
K4	214-31276	TEK30H59.2ER40SX	85,50
K4	264-31209NY	TEK40H50ER16DX	97,00
K4	264-31209	TEK40H50ER16DX	80,00

K4	264-31210NY	TEK40H50ER20DX	97,50
K4	264-31210	TEK40H50ER20DX	80,50
K4	217-90398NY	TEK40H55ER25DX	97,50
K4	217-90398	TEK40H55ER25DX	80,50
K4	214-31277NY	TEK40H70ER32DX	99,50
K4	214-31277	TEK40H70ER32DX	82,50
K4	264-31211NY	TEK40H70ER40DX	103,00
K4	264-31211	TEK40H70ER40DX	86,00
K4	214-31270NY	TEK40H70ER32SX	96,50
K4	214-31270	TEK40H70ER32SX	81,50
K4	264-31212NY	TEK40H70ER40SX	103,00
K4	264-31212	TEK40H70ER40SX	86,00

AUFSTECKFRÄSDORNE FÜR SCHEIBENFRÄSER OHNE MITNEHMERKERBE
MILLING CHUCKS WITHOUT DRIVING SLOTS
MANDRINS PORTE-FRAISES-ENTRAINEMENT SANS CRANS
MANDRINI PORTAFRESE A DISCO SENZA TACCHE DI TRASCINAMENTO

pag. 44

cat. code	description	€	
K4	267-90228NY	TEK30.L70.D30-FDL	97,50
K4	267-90228	TEK30.L70.D30-FDL	82,00
K4	217-90089NY	TEK30.L100.D30-FDL	99,50
K4	217-90089	TEK30.L100.D30-FDL	84,50
K4	217-90223NY	TEK30.L70.D35-FDL	97,50
K4	217-90223	TEK30.L70.D35-FDL	82,00
K4	217-90224NY	TEK30.L80.D35-FDL	98,00
K4	217-90224	TEK30.L80.D35-FDL	83,00
K4	217-90305NY	TEK30.L115.D35-FDL	99,50
K4	217-90305	TEK30.L115.D35-FDL	84,50

GEWINDESCHNEID-SCHNELLWECHSELFUTTER MIT LÄNGENAUSGLEICH
TENSION AND COMPRESSION TAPPING HEAD
MANDRINS DE TARAUDAGE A CHANGEMENT RAPIDE A DOUBLE USAGE
MASCHIATORI A DOPPIA COMPENSAZIONE

pag. 45

cat. code	description	€	
K4	M3008	TC30H60GR1.DC	372,00
K4	M3009	TC30H101GR2.DC	428,00
K4	M3010	TC40H60GR1.DC	217,00
K4	M3110	TC40H92GR2.DC	253,00
K4	M3210	TC40H138GR3.DC	655,00
K4	M3030	TC50H62GR1.DC	480,00
K4	M3130	TC50H83GR2.DC	351,00
K4	M3230	TC50H133GR3.DC	708,00

GEWINDESCHNEID-SCHNELLWECHSELFUTTER OHNE LÄNGENAUSGLEICH
SOLID TAPPING HEAD
MANDRINS DE TARAUDAGE A CHANGEMENT RAPIDE SANS COMPENSATION
MASCHIATORI RIGIDI SENZA COMPENSAZIONE

pag. 45

cat. code	description	€	
K4	M5010	TC30H59GR1.SC	269,00
K4	M5030	TC30H82GR2.SC	336,00
K4	M5020	TC40H59GR1.SC	204,00
K4	M5040	TC40H82GR2.SC	258,00

MAS 403/ BT AD/B

ZYLINDERSCHAFTAUFNAHME WELDON
END MILL HOLDERS WELDON
MANDRINS POUR OUTIL TYPE WELDON
MANDRINI PORTAFRESE TIPO WELDON

DIN 1835 B

pag. 49

cat. code	description	€	
K4	263-11501	BT30H50WE06	85,00
K4	263-11502	BT30H50WE08	77,00
K4	263-11503	BT30H50WE10	77,00
K4	263-11504	BT30H55WE12	77,00
K4	263-11505	BT30H63WE16	77,00
K4	263-11506	BT30H70WE20	92,00
K4	213-11413	BT40H50WE06 AD+B	80,00
K4	213-11414	BT40H50WE08 AD+B	72,00
K4	213-11415	BT40H63WE10 AD+B	72,00
K4	213-11416	BT40H63WE12 AD+B	72,00
K4	213-11417	BT40H63WE14 AD+B	72,00
K4	213-11418	BT40H63WE16 AD+B	72,00
K4	213-11419	BT40H63WE18 AD+B	72,00
K4	213-11420	BT40H63WE20 AD+B	72,00
K4	213-11421	BT40H90WE25 AD+B	85,00
K4	213-11422	BT40H100WE32 AD+B	95,00
K4	213-11465	BT40H105WE40 AD+B	125,00
K4	213-11423	BT50H63WE06 AD+B	113,50
K4	213-11424	BT50H63WE08 AD+B	106,00
K4	213-11425	BT50H70WE10 AD+B	106,00
K4	213-11426	BT50H80WE12 AD+B	106,00
K4	213-11427	BT50H80WE14 AD+B	106,00
K4	213-11428	BT50H80WE16 AD+B	106,00
K4	213-11429	BT50H80WE18 AD+B	106,00
K4	213-11430	BT50H80WE20 AD+B	106,00
K4	213-11431	BT50H100WE25 AD+B	124,00
K4	213-11432	BT50H105WE32 AD+B	138,00
K4	213-11433	BT50H120WE40 AD+B	165,00
K4	263-11425	BT50H125WE50 AD+B	235,00

ZYLINDERSCHAFTAUFNAHME WELDON-LANG
END MILL HOLDERS WELDON-LONG PROJECTION TYPE
MANDRINS POUR OUTIL TYPE WELDON-SERIE LONGUE
MANDRINI PORTAFRESE TIPO WELDON-SERIE LUNGA

ISO 1835 B

pag. 50

cat. code	description	€	
K4	213-11434	BT40H100WE06 AD+B	100,50
K4	213-11435	BT40H100WE08 AD+B	92,50
K4	213-11436	BT40H100WE10 AD+B	92,50
K4	213-11437	BT40H100WE12 AD+B	92,50
K4	213-11438	BT40H100WE14 AD+B	92,50
K4	213-11439	BT40H100WE16 AD+B	92,50
K4	213-11440	BT40H100WE18 AD+B	92,50
K4	213-11441	BT40H100WE20 AD+B	92,50
K4	213-11448	BT50H100WE06 AD+B	138,00
K4	213-11449	BT50H100WE08 AD+B	133,00
K4	213-11450	BT50H100WE10 AD+B	133,00
K4	213-11451	BT50H100WE12 AD+B	133,00
K4	213-11452	BT50H100WE14 AD+B	133,00
K4	213-11453	BT50H100WE16 AD+B	133,00
K4	213-11454	BT50H100WE18 AD+B	133,00
K4	213-11455	BT50H100WE20 AD+B	133,00
K4	213-11442	BT40H160WE06 AD+B	147,00
K4	213-11443	BT40H160WE08 AD+B	135,00
K4	213-11444	BT40H160WE10 AD+B	135,00
K4	213-11445	BT40H160WE12 AD+B	135,00
K4	213-11466	BT40H160WE14 AD+B	135,00
K4	213-11446	BT40H160WE16 AD+B	135,00
K4	213-11467	BT40H160WE18 AD+B	135,00
K4	213-11447	BT40H160WE20 AD+B	135,00
K4	213-11468	BT40H160WE25 AD+B	150,00
K4	213-11469	BT40H160WE32 AD+B	165,00
K4	213-11457	BT50H160WE06 AD+B	186,00
K4	213-11458	BT50H160WE08 AD+B	180,00
K4	213-11459	BT50H160WE10 AD+B	180,00
K4	213-11460	BT50H160WE12 AD+B	180,00
K4	213-11470	BT50H160WE14 AD+B	180,00

K4	213-11461	BT50H160WE16 AD+B	180,00
K4	213-11471	BT50H160WE18 AD+B	180,00
K4	213-11462	BT50H160WE20 AD+B	180,00
K4	213-11472	BT50H160WE25 AD+B	200,00
K4	213-11473	BT50H160WE32 AD+B	235,00

ZYLINDERSCHAFTAUFNAHME WELDON-LANG DIN 1835 B
END MILL HOLDERS WELDON-LONG PROJECTION TYPE
MANDRINS POUR OUTIL TYPE WELDON-SERIE LONGUE
MANDRINI PORTAFRESE TIPO WELDON-SERIE LUNGA pag. 51

cat. code	description	€	
K4	213-11474	BT40H200WE06 AD+B	197,00
K4	213-11475	BT40H200WE08 AD+B	185,00
K4	213-11476	BT40H200WE10 AD+B	185,00
K4	213-11477	BT40H200WE12 AD+B	185,00
K4	213-11478	BT40H200WE14 AD+B	185,00
K4	213-11479	BT40H200WE16 AD+B	185,00
K4	213-11480	BT40H200WE18 AD+B	185,00
K4	213-11481	BT40H200WE20 AD+B	185,00
K4	213-11482	BT40H200WE25 AD+B	200,00
K4	213-11483	BT40H200WE32 AD+B	215,00
K4	213-11484	BT50H200WE06 AD+B	255,00
K4	213-11485	BT50H200WE08 AD+B	250,00
K4	213-11486	BT50H200WE10 AD+B	250,00
K4	213-11487	BT50H200WE12 AD+B	250,00
K4	213-11488	BT50H200WE14 AD+B	250,00
K4	213-11489	BT50H200WE16 AD+B	250,00
K4	213-11490	BT50H200WE18 AD+B	250,00
K4	213-11491	BT50H200WE20 AD+B	250,00
K4	213-11492	BT50H200WE25 AD+B	270,00
K4	213-11463	BT50H200WE32 AD+B	295,00

KURZE ZYLINDERSCHAFTAUFNAHME WELDON DIN 1835 B
SHORT END MILL WELDON HOLDERS
MANDRINS COURTS PORTE-FRAISE TYPE WELDON
MANDRINI CORTI PORTAFRESE TIPO WELDON pag. 52

cat. code	description	€	
K4	213-11493	BT40H35WE16 AD+B	77,00
K4	213-11494	BT40H35WE20 AD+B	77,00
K4	213-11495	BT40H35WE25 AD+B	77,00
K4	213-11496	BT40H60WE25 AD+B	93,00
K4	213-11497	BT40H70WE32 AD+B	103,00
K4	213-11498	BT50H44WE16 AD+B	113,50
K4	213-11499	BT50H44WE20 AD+B	113,50
K4	263-11401	BT50H44WE25 AD+B	113,50
K4	263-11402	BT50H44WE32 AD+B	113,50

ZYLINDERSCHAFTAUFNAHME WELDON MIT SPRITZDÜSE DIN 1835 B
END MILL HOLDERS WELDON WITH COOLANT NOOSE FRONT FACE
MANDRINS POUR OUTIL TYPE WELDON AVEC BUSE D'ARROSAGE
MANDRINI PORTAFRESE TIPO WELDON CON SFERE DI LUBRIFICAZIONE pag. 53

cat. code	description	€	
K4	263-11403	BT40H50WE06-CNFF AD+B	113,00
K4	263-11404	BT40H50WE08-CNFF AD+B	100,00
K4	263-11405	BT40H63WE10-CNFF AD+B	100,00
K4	263-11406	BT40H63WE12-CNFF AD+B	100,00
K4	263-11407	BT40H63WE14-CNFF AD+B	100,00
K4	263-11408	BT40H63WE16-CNFF AD+B	100,00
K4	263-11409	BT40H63WE18-CNFF AD+B	100,00
K4	263-11410	BT40H63WE20-CNFF AD+B	100,00
K4	263-11411	BT40H90WE25-CNFF AD+B	113,00
K4	263-11412	BT40H100WE32-CNFF AD+B	125,00
K4	263-11413	BT40H105WE40-CNFF AD+B	155,00
K4	263-11414	BT50H63WE06-CNFF AD+B	150,00
K4	263-11415	BT50H63WE08-CNFF AD+B	140,00
K4	263-11416	BT50H70WE10-CNFF AD+B	140,00
K4	263-11417	BT50H80WE12-CNFF AD+B	140,00
K4	263-11418	BT50H80WE14-CNFF AD+B	140,00
K4	263-11419	BT50H80WE16-CNFF AD+B	140,00
K4	263-11420	BT50H80WE18-CNFF AD+B	140,00

K4	263-11421	BT50H80WE20-CNFF AD+B	140,00
K4	263-11422	BT50H100WE25-CNFF AD+B	160,00
K4	263-11423	BT50H105WE32-CNFF AD+B	178,00
K4	263-11424	BT50H120WE40-CNFF AD+B	205,00

ZYLINDERSCHAFTAUFNAHME WHISTLE NOTCH DIN 1835 E
END MILL HOLDERS WHISTLE NOTCH
MANDRINS POUR OUTIL TYPE WHISTLE NOTCH
MANDRINI PORTAFRESE TIPO WHISTLE NOTCH pag. 54

cat. code	description	€	
K4	213-31412	BT40H50WN06 AD+B	93,00
K4	213-31413	BT40H50WN08 AD+B	90,00
K4	213-31414	BT40H63WN10 AD+B	90,00
K4	213-31415	BT40H63WN12 AD+B	90,00
K4	213-31416	BT40H63WN14 AD+B	90,00
K4	213-31417	BT40H63WN16 AD+B	90,00
K4	213-31418	BT40H63WN18 AD+B	90,00
K4	213-31419	BT40H63WN20 AD+B	90,00
K4	213-31420	BT40H90WN25 AD+B	103,00
K4	213-31421	BT40H100WN32 AD+B	113,50
K4	213-31422	BT40H105WN40 AD+B	130,00
K4	213-31423	BT50H63WN06 AD+B	131,50
K4	213-31424	BT50H63WN08 AD+B	124,00
K4	213-31425	BT50H70WN10 AD+B	124,00
K4	213-31426	BT50H80WN12 AD+B	124,00
K4	213-31427	BT50H80WN14 AD+B	124,00
K4	213-31428	BT50H80WN16 AD+B	124,00
K4	213-31429	BT50H80WN18 AD+B	124,00
K4	213-31430	BT50H80WN20 AD+B	124,00
K4	213-31431	BT50H100WN25 AD+B	142,00
K4	213-31432	BT50H105WN32 AD+B	165,00
K4	213-31433	BT50H120WN40 AD+B	175,00

ZYLINDERSCHAFTAUFNAHME WHISTLE NOTCH -LANG DIN 1835 E
END MILL HOLDERS WHISTLE NOTCH -LONG PROJECTION TYPE
MANDRINS POUR OUTIL TYPE WHISTLE NOTCH -SERIE LONGUE
MANDRINI PORTAFRESE TIPO WHISTLE NOTCH -SERIE LUNGA pag. 55

cat. code	description	€	
K4	213-31434	BT40H100WN06 AD+B	110,00
K4	213-31435	BT40H100WN08 AD+B	106,00
K4	213-31436	BT40H100WN10 AD+B	106,00
K4	213-31437	BT40H100WN12 AD+B	106,00
K4	213-31438	BT40H100WN14 AD+B	106,00
K4	213-31439	BT40H100WN16 AD+B	106,00
K4	213-31440	BT40H100WN18 AD+B	106,00
K4	213-31441	BT40H100WN20 AD+B	106,00
K4	213-31442	BT50H100WN06 AD+B	165,00
K4	213-31443	BT50H100WN08 AD+B	160,00
K4	213-31444	BT50H100WN10 AD+B	160,00
K4	213-31445	BT50H100WN12 AD+B	160,00
K4	213-31446	BT50H100WN14 AD+B	160,00
K4	213-31447	BT50H100WN16 AD+B	160,00
K4	213-31448	BT50H100WN18 AD+B	160,00
K4	213-31449	BT50H100WN20 AD+B	160,00
K4	213-31450	BT40H160WN06 AD+B	184,00
K4	213-31451	BT40H160WN08 AD+B	174,00
K4	213-31452	BT40H160WN10 AD+B	174,00
K4	213-31453	BT40H160WN12 AD+B	174,00
K4	213-31454	BT40H160WN14 AD+B	174,00
K4	213-31455	BT40H160WN16 AD+B	174,00
K4	213-31456	BT40H160WN18 AD+B	174,00
K4	213-31457	BT40H160WN20 AD+B	174,00
K4	213-31458	BT40H160WN25 AD+B	181,00
K4	213-31459	BT40H160WN32 AD+B	188,00
K4	213-31460	BT50H160WN06 AD+B	233,00
K4	213-31461	BT50H160WN08 AD+B	225,00
K4	213-31462	BT50H160WN10 AD+B	225,00
K4	213-31463	BT50H160WN12 AD+B	225,00
K4	213-31464	BT50H160WN14 AD+B	225,00
K4	213-31465	BT50H160WN16 AD+B	225,00
K4	213-31466	BT50H160WN18 AD+B	225,00

K4	213-31467	BT50H160WN20 AD+B	225,00
K4	213-31468	BT50H160WN25 AD+B	250,00
K4	213-31469	BT50H160WN32 AD+B	275,00

ZYLINDERSCHAFTAUFNAHME WHISTLE NOTCH -LANG
 END MILL HOLDERS WHISTLE NOTCH -LONG PROJECTION TYPE
 MANDRINS POUR OUTIL TYPE WHISTLE NOTCH -SERIE LONGUE
 MANDRINI PORTAFRESE TIPO WHISTLE NOTCH -SERIE LUNGA
 DIN 1835 pag. 56

cat. code	description	€	
K4	213-31470	BT40H200WN06 AD+B	225,00
K4	213-31471	BT40H200WN08 AD+B	219,00
K4	213-31472	BT40H200WN10 AD+B	219,00
K4	213-31473	BT40H200WN12 AD+B	219,00
K4	213-31474	BT40H200WN14 AD+B	219,00
K4	213-31475	BT40H200WN16 AD+B	219,00
K4	213-31476	BT40H200WN18 AD+B	219,00
K4	213-31477	BT40H200WN20 AD+B	219,00
K4	213-31478	BT40H200WN25 AD+B	244,00
K4	213-31479	BT40H200WN32 AD+B	250,00
K4	213-31480	BT50H200WN06 AD+B	315,00
K4	213-31481	BT50H200WN08 AD+B	314,00
K4	213-31482	BT50H200WN10 AD+B	314,00
K4	213-31483	BT50H200WN12 AD+B	314,00
K4	213-31484	BT50H200WN14 AD+B	314,00
K4	213-31485	BT50H200WN16 AD+B	314,00
K4	213-31486	BT50H200WN18 AD+B	314,00
K4	213-31487	BT50H200WN20 AD+B	314,00
K4	213-31488	BT50H200WN25 AD+B	335,00
K4	213-31489	BT50H200WN32 AD+B	360,00

KOMBI AUFSTECKFRÄSDORNE
 COMBI-SHELL MILL ADAPTORS
 MANDRINS PORTE-FRAISES A DOUBLE USAGE
 MANDRINI PORTAFRESE COMBINATI
 DIN 6358 pag. 57

cat. code	description	€	
K4	216-11527	BT30H50D16C	85,50
K4	216-11528	BT30H50D22C	85,50
K4	216-11529	BT30H55D27C	90,00
K4	216-11501	BT40H55D16C	85,00
K4	216-11502	BT40H55D22C	85,00
K4	216-11503	BT40H55D27C	93,00
K4	216-11504	BT40H60D32C	105,50
K4	216-11505	BT40H60D40C	113,50
K4	216-11507	BT50H70D16C	113,50
K4	216-11508	BT50H70D22C	113,50
K4	216-11509	BT50H70D27C	118,50
K4	216-11510	BT50H70D32C	124,00
K4	216-11511	BT50H70D40C	129,00

STANDARD

K4	216-11536	BT30H80D16C	108,50
K4	216-11537	BT30H80D22C	108,50
K4	216-11538	BT30H90D27C	111,00
K4	216-11517	BT40H90D16C	116,00
K4	216-11518	BT40H90D22C	116,00
K4	216-11519	BT40H90D27C	124,00
K4	216-11520	BT40H100D32C	125,50
K4	216-11521	BT40H100D40C	131,00
K4	216-11522	BT50H100D16C	155,00
K4	216-11523	BT50H100D22C	155,00
K4	216-11524	BT50H100D27C	160,00
K4	216-11525	BT50H100D32C	162,50
K4	216-11526	BT50H100D40C	165,50

EXTENDED

AUFSTECKFRÄSDORNE FÜR FRÄSER MIT QUERNUT
 FACE MILL HOLDERS-TENONS DRIVE
 MANDRINS PORTE-FRAISE-ENTRAINEMENT PAR TENONS
 MANDRINI PORTAFRESE A TRASCINAMENTO FISSO
 ISO 3937 pag. 58

cat. code	description	€	
K4	216-71501	BT30H35D16F	80,00
K4	216-71502	BT30H40D22F	80,00

K4	216-71503	BT30H40D27F	85,50
K4	216-71507	BT40H45D16F	80,00
K4	216-71508	BT40H45D22F	80,00
K4	216-71509	BT40H45D27F	85,50
K4	216-71510	BT40H50D32F	93,00
K4	216-71511	BT40H55D40F	108,50
K4	216-71517	BT50H60D16F	108,50
K4	216-71518	BT50H60D22F	108,50
K4	216-71519	BT50H60D27F	111,00
K4	216-71520	BT50H60D32F	116,00
K4	216-71521	BT50H60D40F	124,00

AUFSTECKFRÄSDORNE FÜR FRÄSER MIT QUERNUT MIT KÜHLMITTELZUFUHR
 FACE MILL HOLDERS-TENONS DRIVE-WITH INTERNAL COOLANT SUPPLY
 MANDRINS PORTE-FRAISE-ENTRAINEMENT PAR TENONS AVEC ARROSSAGE INTERNE
 MANDRINI PORTAFRESE A TRASCINAMENTO FISSO CON PASSAGGIO REFRIGERANTE
 ISO 3937 pag. 59

cat. code	description	€	
K4	216-71401	BT40H45D16F AD+B	120,00
K4	216-71402	BT40H45D22F AD+B	120,00
K4	216-71403	BT40H45D27F AD+B	124,00
K4	216-71404	BT40H50D32F AD+B	132,00
K4	216-71405	BT40H55D40F AD+B	140,00
K4	216-71406	BT50H60D16F AD+B	145,00
K4	216-71407	BT50H60D22F AD+B	145,00
K4	216-71408	BT50H60D27F AD+B	150,00
K4	216-71409	BT50H60D32F AD+B	158,00
K4	216-71410	BT50H60D40F AD+B	166,00

AUFSTECKFRÄSDORNE FÜR FRÄSER MIT QUERNUT-LANG
 FACE MILL HOLDERS-TENONS DRIVE-LONG PROJECTION TYPE
 MANDRINS PORTE-FRAISE-ENTRAINEMENT PAR TENONS-SERIE LONGUE
 MANDRINI PORTAFRESE A TRASCINAMENTO FISSO-SERIE LUNGA
 ISO 3937 pag. 60

cat. code	description	€	
K4	216-71522	BT40H100D16F	128,00
K4	216-71526	BT40H100D22F	128,00
K4	216-71530	BT40H100D27F	128,00
K4	216-71589	BT50H100D16F	147,50
K4	216-71534	BT50H100D22F	149,50
K4	216-71539	BT50H100D27F	149,50
K4	216-71544	BT50H100D27F	155,00
K4	216-71590	BT50H100D32F	160,00
K4	216-71523	BT40H150D16F	160,00
K4	216-71527	BT40H150D22F	160,00
K4	216-71531	BT40H150D27F	160,00
K4	216-71591	BT50H150D16F	180,00
K4	216-71535	BT50H150D22F	193,50
K4	216-71540	BT50H150D27F	193,50
K4	216-71545	BT50H150D27F	199,00
K4	216-71592	BT50H150D32F	205,00
K4	216-71524	BT40H200D16F	183,00
K4	216-71528	BT40H200D22F	183,00
K4	216-71532	BT40H200D27F	183,00
K4	216-71593	BT50H200D16F	222,00
K4	216-71536	BT50H200D22F	222,00
K4	216-71541	BT50H200D27F	222,00
K4	216-71546	BT50H200D27F	227,50
K4	216-71594	BT50H200D32F	239,00

AUFSTECKFRÄSDORNE FÜR FRÄSER MIT QUERNUT MIT KÜHLMITTELZUFUHR-LANG
 FACE MILL HOLDERS-TENONS DRIVE-WITH INTERNAL COOLANT SUPPLY-LONG
 MANDRINS PORTE-FRAISE-ENTRAINEMENT PAR TENONS AVEC ARROSSAGE INTERNE-LONGUE
 MANDRINI PORTAFRESE A TRASCINAMENTO FISSO CON PASSAGGIO REFRIGERANTE-LUNGA
 ISO 3937 pag. 61

cat. code	description	€	
K4	216-71411	BT40H100D16F AD+B	165,00
K4	216-71412	BT40H100D22F AD+B	165,00
K4	216-71413	BT40H100D27F AD+B	170,50
K4	216-71414	BT40H100D32F AD+B	180,50
K4	216-71415	BT50H100D16F AD+B	188,50
K4	216-71416	BT50H100D22F AD+B	188,50
K4	216-71417	BT50H100D27F AD+B	194,00

K4	216-71418	BT50H100D32F AD+B	204,00
K4	216-71419	BT50H100D40F AD+B	212,00

AUFSTECKFRÄSERDORNE FÜR MESSERKÖPFE DIN 6357
FACE MILL HOLDER FOR FACE MILLING CUTTERS
MANDRINS PORTE-FRAISE POUR FRAISES A SURFACER
MANDRINI PORTAFRESE PER FRESE A SPIANARE pag. 62

cat. code	description	€	
K4	216-21501	BT40H60D40	137,00
K4	216-21502	BT50H70D40	185,00
K4	216-21503	BT50H80D60	255,00

ZWISCHENHÜLSEN FÜR MORSEKEGEL MIT AUSTREIBLAPPEN DIN 228-2D
MORSE TAPER ADAPTORS FOR DRILLS
DOUILLES POUR CONE MORSE A TENON
MANDRINI PORTAPUNTE ATTACCO CONO MORSE pag. 62

cat. code	description	€	
K4	212-41512	BT30H50CM1P	76,50
K4	212-41513	BT30H60CM2P	76,50
K4	212-41518	BT30H79CM3P	82,00
K4	212-41501	BT40H50CM1P	77,00
K4	212-41502	BT40H50CM2P	77,00
K4	212-41503	BT40H70CM3P	77,00
K4	212-41504	BT40H95CM4P	82,50
K4	212-41519	BT50H45CM1P	103,00
K4	212-41505	BT50H60CM2P	103,00
K4	212-41506	BT50H65CM3P	108,50
K4	212-41507	BT50H70CM4P	116,50
K4	212-41508	BT50H105CM5P	137,00

ZWISCHENHÜLSEN FÜR MORSEKEGEL MIT ANZUGSGEWINDE DIN 228-2C
MORSE TAPER ADAPTER WITH TREAD
DOUILLES POUR CONE MORSE AVEC TARAUDAGE
MANDRINI PORTAFRESE ATTACCO CONO MORSE pag. 63

cat. code	description	€	
K4	212-21512	BT30H50CM1F	77,50
K4	212-21513	BT30H60CM2F	77,50
K4	212-21518	BT30H80CM3F	83,00
K4	212-21501	BT40H50CM1F	77,00
K4	212-21502	BT40H50CM2F	77,00
K4	212-21503	BT40H70CM3F	82,50
K4	212-21504	BT40H95CM4F	90,00
K4	212-21519	BT50H45CM1F	108,50
K4	212-21505	BT50H60CM2F	108,50
K4	212-21506	BT50H65CM3F	113,50
K4	212-21507	BT50H90CM4F	121,00
K4	212-21508	BT50H118CM5F	142,50

ZWISCHENHÜLSEN FÜR MORSEKEGEL MIT ANZUGSGEWINDE DIN 228-2C
MORSE TAPER ADAPTER WITH TREAD
DOUILLES POUR CONE MORSE AVEC TARAUDAGE
MANDRINI PORTAFRESE ATTACCO CONO MORSE pag. 64

cat. code	description	€	
K4	212-31405	BT40H50CM2F AD+B	90,00
K4	212-31406	BT40H75CM3F AD+B	95,50
K4	212-31407	BT40H95CM4F AD+B	106,00
K4	212-31408	BT50H60CM2F AD+B	121,00
K4	212-31409	BT50H65CM3F AD+B	131,50
K4	212-31410	BT50H95CM4F AD+B	142,50
K4	212-31411	BT50H120CM5F AD+B	165,50

ZWISCHENHÜLSEN FÜR MORSEKEGEL MIT AUSTREIBLAPPEN ODER ANZUGSGEWINDE DIN 228-2C/D
MORSE TAPER ADAPTORS FOR DRILLS AND MILLS
DOUILLES POUR CONE MORSE A TENON ET AVEC TARAUDAGE
MANDRINI PORTAPUNTE-PORTAFRESE ATTACCO CONO MORSE pag. 65

cat. code	description	€	
K4	212-61512	BT30H52CM1P/F	83,50
K4	212-61513	BT30H63CM2P/F	83,50

ST.

STANDARD	cat. code	description	€	
	K4	212-61514	BT30H90CM3P/F	89,50
	K4	212-61518	BT40H50CM1P/F	83,50
	K4	212-61519	BT40H60CM2P/F	83,50
	K4	212-61520	BT40H76CM3P/F	89,50
	K4	212-61522	BT50H45CM1P/F	114,50
	K4	212-61523	BT50H60CM2P/F	114,50
	K4	212-61524	BT50H65CM3P/F	120,00
	K4	212-61525	BT50H95CM4P/F	128,50
	K4	212-61526	BT50H120CM5P/F	151,00

EXTENDED	cat. code	description	€	
	K4	212-61527	BT30H110CM1P/F	125,50
	K4	212-61528	BT30H120CM2P/F	128,50
	K4	212-61529	BT30H140CM3P/F	134,00
	K4	212-61501	BT40H115CM1P/F	125,50
	K4	212-61502	BT40H125CM2P/F	131,00
	K4	212-61503	BT40H140CM3P/F	138,50
	K4	212-61505	BT50H120CM1P/F	162,00
	K4	212-61506	BT50H140CM2P/F	175,50
	K4	212-61507	BT50H150CM3P/F	189,50
	K4	212-61508	BT50H180CM4P/F	215,00
	K4	212-61509	BT50H220CM5P/F	245,50

ZWISCHENHÜLSEN BT X HSK – HAND SPANNSYSTEM
TAPER ADAPTER BT X HSK – MANUAL CLAMPING
DOUILLES INTERMEDIAIRES BT X HSK – SERRAGE MANUEL
MANDRINI RIDUZIONE DA BT A HSK – CHIUSURA MANUALE pag. 66

cat. code	description	€	
K4	212-91401	BT40H60HSK50 AD+B	667,00
K4	212-91402	BT40H80HSK63 AD+B	687,50
K4	212-91403	BT50H60HSK50 AD+B	705,00
K4	212-91404	BT50H60HSK63 AD+B	745,00

ZWISCHENHÜLSEN BT X SK
ISO TAPER ADAPTORS
DOUILLES INTERMEDIAIRES BT X SA
MANDRINI RIDUZIONE E PROLUNGE BT/ISO pag. 66

cat. code	description	€	
K4	212-11504	BT40H63ISO30/TC30	103,50
K4	212-11508	BT40H100ISO40/TC40	125,50
K4	212-11507	BT50H70ISO40/TC40	139,50
K4	212-11509	BT50H120ISO50/TC50	180,50

SPANNZANGENFUTTER ER TYP DIN 6499
ER COLLET CHUCK
MANDRINS A PINCES TYPE ER
MANDRINI PORTAPINZA TIPO ER pag. 67

cat. code	description	€	
K4	214-31511	BT30H55ER16	87,50
K4	214-31512	BT30H55ER25	87,50
K4	214-31525	BT30H60ER32	90,00
K4	214-31447	BT40H70ER16 AD+B	87,50
K4	214-31422	BT40H70ER25 AD+B	87,50
K4	214-31423	BT40H70ER32 AD+B	90,00
K4	214-31424	BT40H70ER40 AD+B	103,00
K4	214-31429	BT50H80ER25 AD+B	118,50
K4	214-31430	BT50H80ER32 AD+B	118,50
K4	214-31431	BT50H80ER40 AD+B	129,00

STANDARD

EXTENDED

K4	214-31520	BT30H100ER16	122,50
K4	214-31538	BT30H100ER25	122,50
K4	214-31448	BT40H100ER16 AD+B	118,50
K4	214-31439	BT40H100ER25 AD+B	118,50
K4	214-31440	BT40H100ER32 AD+B	121,00
K4	214-31449	BT40H100ER40 AD+B	124,00
K4	214-31450	BT50H100ER16 AD+B	149,50
K4	214-31438	BT50H100ER25 AD+B	149,50
K4	214-31434	BT50H100ER32 AD+B	152,00
K4	214-31436	BT50H100ER40 AD+B	156,00

SPANNZANGENFUTTER ER TYP - LANG
ER COLLET CHUCK - LONG
MANDRINS A PINCES TYPE ER - SERIE LONGUE
MANDRINI PORTAPINZA TIPO ER - SERIE LUNGA

DIN 6499

pag. 68

cat. code	description	€	
K4	214-31442	BT40H160ER16 AD+B	149,50
K4	214-31432	BT40H160ER25 AD+B	149,50
K4	214-31433	BT40H160ER32 AD+B	152,00
K4	214-31451	BT40H160ER40 AD+B	156,00
K4	214-31452	BT50H160ER16 AD+B	185,00
K4	214-31453	BT50H160ER25 AD+B	185,00
K4	214-31435	BT50H160ER32 AD+B	188,50
K4	214-31437	BT50H160ER40 AD+B	196,00
K4	214-31454	BT40H200ER16 AD+B	186,00
K4	214-31455	BT40H200ER25 AD+B	186,00
K4	214-31456	BT40H200ER32 AD+B	188,00
K4	214-31457	BT40H200ER40 AD+B	192,00
K4	214-31458	BT50H200ER16 AD+B	232,50
K4	214-31459	BT50H200ER25 AD+B	232,50
K4	214-31460	BT50H200ER32 AD+B	236,00
K4	214-31461	BT50H200ER40 AD+B	239,00

EXTENDED

SPANNZANGENFUTTER ER TYP EXTRAKURZ
ER COLLET CHUCK WITH INSIDE NUT
MANDRINS COURTS A PINCES TYPE ER
MANDRINI PORTAPINZA TIPO ER EXTRACORTI

pag. 69

cat. code	description	€	
K4	214-31462	BT40H29ER25A-AD+B	130,50
K4	214-31571	BT40H29ER32A	120,50
K4	214-31463	BT50H40ER32A-AD+B	158,50

BOHRFUTTERAUFNAHMEN
ARBORS FOR DRILL CHUCKS
ARBRES POUR MANDRINS DE PERCAGE
ATTACCO PER MANDRINI PORTAPUNTE

DIN 238

pag. 69

cat. code	description	€	
K4	216-31510	BT30H40B12	72,50
K4	216-31511	BT30H40B16	72,50
K4	216-31502	BT40H40B16	83,50
K4	216-31503	BT40H40B18	83,50
K4	216-31505	BT50H50B16	109,00
K4	216-31506	BT50H50B18	109,00

SPANNZANGENFUTTER EOC TYP
EOC COLLET CHUCK
MANDRINS A PINCES TYPE EOC
MANDRINI PORTAPINZA TIPO EOC

DIN 6388

pag. 70

cat. code	description	€	
K4	214-11401	BT40H70EOC16 AD+B	113,50
K4	214-11402	BT40H70EOC25 AD+B	124,00
K4	214-11403	BT50H85EOC25 AD+B	155,00
K4	214-11404	BT50H90EOC32 AD+B	206,50

STD.

K4	214-11405	BT40H130EOC16 AD+B	139,50
K4	214-11406	BT40H130EOC25 AD+B	149,50
K4	214-11408	BT50H130EOC25 AD+B	206,50
K4	214-11409	BT50H130EOC32 AD+B	238,50

EXT.

KRAFTSPANNFUTTER
MILLING CHUCK
MANDRINS A FORT SERRAGE
MANDRINI A FORTE SERRAGGIO

pag. 71

cat. code	description	€	
K4	214-01501	BT40H105C20	304,50
K4	214-01502	BT40H105C32	335,50
K4	214-01503	BT40H135C32	439,00
K4	214-01504	BT50H105C20	382,00

K4	214-01505	BT50H105C32	418,50
K4	214-01506	BT50H135C32	542,50

HYDRO-DEHNSPANNFUTTER FÜR WERKZEUGE MIT ZYLINDERSCHAFT
HYDRO-EXPANSION CHUCKS FOR TOOLS WITH CYLINDRICAL SHANK
MANDRINS HYDRO-EXPANSIBLES POUR OUTIL A QUEUE CYLINDRIQUE
MANDRINI IDRAULICI PER UTENSILI ATTACCO CILINDRICO

pag. 71

cat. code	description	€	
K4	252-11405	BT40H90G06-WO AD+B	365,00
K4	252-11406	BT40H90G08-WO AD+B	365,00
K4	252-11407	BT40H90G10-WO AD+B	345,00
K4	252-11401	BT40H90G12-WO AD+B	345,00
K4	252-11408	BT40H90G16-WO AD+B	345,00
K4	252-11402	BT40H90G20-WO AD+B	345,00
K4	252-11409	BT40H83G32-WO AD+B	358,00
K4	252-11403	BT50H90G20-WO AD+B	350,00
K4	252-11404	BT50H90G32-WO AD+B	365,00

NC-BOHRFUTTER
UNIVERSAL DRILL CHUCKS
MANDRINS UNIVERSELS DE PERCAGE
MANDRINI PORTAPUNTE INTEGRALI

pag. 72

cat. code	description	€	
K4	252-11501	BT40H105R1-13	318,50
K4	252-11502	BT40H115R3-16	349,00
K4	252-11503	BT50H105R1-13	390,50
K4	252-11504	BT50H115R3-16	425,50

NC-BOHRFUTTER FÜR RECHTS- UND LINKSLAUF
NC DRILL CHUCKS FOR LEFT AND RIGHT ROTATION
MANDRIN DE PERCAGE CNC POUR ROTATION GAUCHE-DROITE
MANDRINI PORTAPUNTE INTEGRALI PER ROTAZIONE DESTRA E SINISTRA

pag. 72

cat. code	description	€	
K4	252-11410	BT40H90R1-13X-AD/B	450,00
K4	252-11411	BT40H95R3-16X-AD/B	480,00
K4	252-11412	BT50H90R1-13X-AD/B	603,50
K4	252-11413	BT50H95R3-16X-AD/B	635,00

STELLHÜLSENAUFNAHMEN
MASTER SHANKS FOR ADJUSTABLE ADAPTORS
MANDRINS POUR DOUILLES REGLAGE
MANDRINI PER ASTUCCI REGISTRABILI

DIN 6327

pag. 73

cat. code	description	€	
K4	211-11501	BT40H70D28TR	106,00
K4	211-11502	BT40H120D36TR	117,00
K4	211-11503	BT50H100D28TR	139,50
K4	211-11504	BT50H100D36TR	150,50

ROHLINGE
BLANK TOOLHOLDER
EBAUCHE
MANDRINI SEMILAVORATI A STELO TENERO

pag. 73

cat. code	description	€	
K4	217-41502	BT40H160D40.5SM	114,50
K4	217-41503	BT40H160D63.5SM	114,50
K4	217-41504	BT40H250D63.5SM	139,50
K4	217-41505	BT50H160D80SM	175,50
K4	217-41506	BT50H200D80SM	189,50
K4	217-41507	BT50H300D80SM	212,00

GEWINDESCHNEID-SCHNELLWECHSELFUTTER MIT LÄNGENAUSGLEICH
TENSION AND COMPRESSION TAPPING HEAD
MANDRINS DE TARAUDAGE A CHANGEMENT RAPIDE A DOUBLE USAGE
MASCHIATORI A DOPPIA COMPENSAZIONE

pag. 74

cat. code	description	€
K4 M-3310	BT40H67GR1.DC	233,00
K4 M-3410	BT40H93GR2.DC	253,00
K4 M-3510	BT40H138GR3.DC	660,00
K4 M-3320	BT50H81GR1.DC	465,00
K4 M-3430	BT50H102GR2.DC	500,00
K4 M-3530	BT50H135GR3.DC	800,00

GEWINDESCHNEID-SCHNELLWECHSELFUTTER OHNE LÄNGENAUSGLEICH
SOLID TAPPING HEAD
MANDRINS DE TARAUDAGE A CHANGEMENT RAPIDE SANS COMPENSATION
MASCHIATORI RIGIDI SENZA COMPENSAZIONE

pag. 74

cat. code	description	€
K4 M6010	BT40H67GR1.SC	245,00
K4 M6020	BT40H90GR2.SC	273,00

ACCESSORIES

PRÜFDORNE
CONTROL PINS
BARRES DE CONTROLE
BARRE DI CONTROLLO

DIN 69871 A

pag. 76

cat. code	description	€
K9 217-71201	TC40H300D40BC	420,50
K9 217-71202	TC50H350D50BC	511,50

SPANNFUTTER MIT ZYLINDERSCHAFT MIT MINI SPANNMUTTER
CYLINDRICAL COLLET CHUCKS WITH MINI NUT
PORTE PINCES QUEUE CYLINDRIQUE AVEC ECROU MINI
PORTAPINZA GAMBO CILINDRICO CON GHIERA MINI

DIN 6499

pag. 77

cat. code	description	€
K9 264-35114	D5L45ER8M	67,00
K9 214-35101	D6L45ER8M	67,00
K9 214-35139	D6L45ER11M	67,00
K9 264-35115	D7L45ER11M	67,00
K9 214-35102	D8L55ER8M	67,00
K9 214-35108	D8L80ER8M	69,50
K9 214-35109	D8L55ER11M	67,00
K9 264-35116	D8L100ER11M	71,50
K9 264-35117	D10L55ER8M	67,00
K9 264-35118	D10L100ER8M	71,50
K9 214-35110	D10L55ER11M	67,00
K9 264-35119	D10L100ER11M	71,50
K9 214-35113	D10L60ER16M	67,00
K9 264-35120	D10L100ER16M	71,50
K9 214-35140	D12L100ER8M	71,50
K9 264-35121	D12L140ER8M	92,00
K9 264-35122	D12L55ER11M	67,00
K9 214-35141	D12L70ER11M	69,50
K9 214-35142	D12L100ER11M	71,00
K9 214-35143	D12L140ER11M	92,00
K9 264-35123	D12L55ER16M	67,00
K9 214-35114	D12L80ER16M	69,50
K9 264-35124	D12L120ER16M	71,50
K9 264-35125	D15L100ER20M	84,00
K9 264-35126	D16L40ER11M	67,00
K9 264-35127	D16L80ER11M	69,50
K9 264-35128	D16L100ER11M	77,50
K9 264-35129	D16L130ER11M	84,00
K9 264-35130	D16L160ER11M	98,00
K9 264-35131	D16L35ER16M	67,00
K9 264-35132	D16L60ER16M	67,00
K9 214-35115	D16L80ER16M	69,50
K9 214-35145	D16L100ER16M	71,50
K9 214-35146	D16L125ER16M	76,50
K9 214-35147	D16L160ER16M	98,00
K9 264-35133	D16L55ER20M	69,50
K9 214-35148	D16L100ER20M	76,50
K9 264-35134	D16L130ER20M	84,00
K9 264-35135	D16L160ER20M	99,00

SPANNFUTTER MIT ZYLINDERSCHAFT MIT MINI SPANNMUTTER
CYLINDRICAL COLLET CHUCKS WITH MINI NUT
PORTE PINCES QUEUE CYLINDRIQUE AVEC ECROU MINI
PORTAPINZA GAMBO CILINDRICO CON GHIERA MINI

DIN 6499

pag. 78

cat. code	description	€
K9 264-35136	D20L50ER11M	69,50
K9 264-35137	D20L100ER11M	77,50
K9 214-35149	D20L60ER16M	69,50
K9 214-35150	D20L100ER16M	71,50
K9 264-35138	D20L130ER16M	84,00
K9 214-35151	D20L160ER16M	89,50
K9 264-35139	D20L200ER16M	101,00
K9 264-35140	D20L46ER20M	69,50
K9 214-35152	D20L60ER20M	69,50
K9 214-35111	D20L100ER20M	71,50
K9 214-35153	D20L120ER20M	84,00
K9 214-35154	D20L160ER20M	99,00
K9 264-35141	D20L200ER20M	107,00
K9 264-35142	D20L46ER25M	76,50
K9 214-35155	D20L60ER25M	83,50
K9 214-35116	D20L100ER25M	84,00
K9 214-35156	D20L130ER25M	94,50
K9 264-35143	D25L100ER11M	84,00
K9 264-35144	D25L60ER16M	76,50
K9 214-35157	D25L100ER16M	84,00
K9 264-35145	D25L130ER16M	94,50
K9 264-35146	D25L160ER16M	99,00
K9 214-35158	D25L60ER20M	76,50
K9 214-35159	D25L100ER20M	83,50
K9 264-35147	D25L130ER20M	94,50
K9 214-35160	D25L160ER20M	99,00
K9 264-35148	D25L50ER25M	76,50
K9 214-35161	D25L70ER25M	83,50
K9 264-35149	D25L100ER25M	84,00
K9 214-35162	D25L120ER25M	94,50
K9 264-35150	D25L160ER25M	99,00
K9 264-35151	D32L90ER16M	94,00
K9 214-35163	D32L90ER20M	94,00

SPANNFUTTER MIT ZYLINDERSCHAFT FÜR STANDARD SPANNMUTTER
CYLINDRICAL COLLET CHUCKS WITH STANDARD NUT
PORTE PINCES QUEUE CYLINDRIQUE AVEC ECROU STANDARD
PORTAPINZA GAMBO CILINDRICO CON GHIERA STANDARD

DIN 6499

pag. 79

cat. code	description	€
K9 264-35152	D14L60ER16	67,00
K9 214-35144	D16L60ER16	67,00
K9 214-35126	D16L100ER16	71,50
K9 264-35153	D16L60ER20	69,50
K9 264-35154	D16L35ER25	72,50
K9 264-35155	D16L70ER25	75,00
K9 264-35156	D20L50ER16	69,50
K9 214-35127	D20L100ER16	71,50

K9	264-35157	D20L160ER16	89,50
K9	264-35158	D20L46ER20	69,50
K9	264-35159	D20L60ER20	69,50
K9	264-35160	D20L100ER20	71,50
K9	214-35119	D20L50ER25	72,50
K9	214-35128	D20L100ER25	85,50
K9	264-35161	D20L130ER25	94,50
K9	264-35162	D20L160ER25	99,00
K9	264-35163	D20L50ER32	75,00
K9	214-35129	D20L100ER32	85,50
K9	264-35164	D20L130ER32	93,00
K9	264-35165	D20L160ER32	100,00
K9	264-35166	D22L80ER16	83,50
K9	264-35167	D22L80ER20	83,50
K9	264-35168	D22L50ER25	76,50
K9	264-35169	D22L80ER25	85,50
K9	264-35170	D22L50ER32	76,50
K9	264-35171	D25L60ER20	76,50
K9	264-35172	D25L100ER20	83,50
K9	214-35120	D25L50ER25	72,50
K9	214-35130	D25L100ER25	85,50
K9	264-35173	D25L130ER25	94,50
K9	264-35174	D25L160ER25	99,00
K9	264-35175	D25L50ER32	75,00
K9	264-35176	D25L70ER32	75,00
K9	214-35131	D25L100ER32	95,50
K9	264-35177	D25L130ER32	100,00
K9	264-35178	D25L160ER32	104,00
K9	264-35179	D25L50ER40	93,00
K9	264-35180	D25L100ER40	124,00

SPANNFUTTER MIT ZYLINDERSCHAFT MIT STANDARD SPANNMUTTER DIN 6499
CYLINDRICAL COLLET CHUCKS WITH STANDARD NUT
PORTE PINCES QUEUE CYLINDRIQUE AVEC ECROU STANDARD
PORTAPINZA GAMBO CILINDRICO CON GHIERA STANDARD pag. 80

cat. code	description	€	
K9	264-35181	D30L50ER25	76,50
K9	264-35182	D30L50ER32	76,50
K9	264-35183	D30L50ER40	99,00
K9	214-35132	D32L70ER25	75,00
K9	264-35184	D32L120ER25	93,00
K9	264-35185	D32L50ER32	75,00
K9	214-35117	D32L70ER32	75,00
K9	264-35186	D32L100ER32	85,50
K9	214-35133	D32L120ER32	93,00
K9	214-35134	D32L150ER32	100,00
K9	264-35187	D32L50ER40	93,00
K9	264-35188	D32L70ER40	93,00
K9	264-35189	D40L70ER25	80,00
K9	214-35135	D40L120ER25	100,00
K9	214-35136	D40L70ER32	80,00
K9	214-35137	D40L130ER32	100,50
K9	264-35190	D40L50ER40	93,00
K9	214-35138	D40L80ER40	93,00
K9	264-35191	D40L130ER40	124,00
K9	264-35192	D50L125ER32	118,50
K9	264-35193	D50L155ER32	124,00
K9	264-35194	D50L160ER40	127,50

SPANNZANGENAUFNAHME MIT MORSEKEGEL DIN 6499
COLLET CHUCKS WITH MORSE TAPER
PORTE-QUTIL POUR SERRAGE PAR PINCE MK
PORTAPINZA CON ATTACCO CONO MORSE pag. 81

cat. code	description	€	
K9	214-33102	CM1H40ER16	77,50
K9	214-33103	CM2H42ER16	70,00
K9	214-33104	CM2H50ER20	70,00
K9	214-33106	CM3H53ER25	93,00
K9	214-33107	CM3H70ER32	93,00
K9	214-33109	CM4H60ER32	111,00
K9	214-33110	CM4H81ER40	111,00

SPANNZANGENAUFNAHME MIT MORSEKEGEL, UND MINI SPANNMUTTER DIN 6499
COLLET CHUCKS WITH MORSE TAPER, WITH MINI NUT
PORTE-QUTIL POUR SERRAGE PAR PINCE MK, AVEC ECROU MINI
PORTAPINZA CON ATTACCO CONO MORSE, CON GHIERA MINI pag. 81

cat. code	description	€	
K9	214-33119	CM1H25ER11M	77,50
K9	214-33120	CM1H40ER16M	77,50
K9	214-33121	CM2H42ER16M	70,00
K9	214-33122	CM2H50ER20M	70,00
K9	214-33123	CM2H54ER25M	77,50
K9	214-33124	CM3H43ER16M	93,00
K9	214-33125	CM3H47ER20M	93,00
K9	214-33126	CM3H58ER25M	93,00

SPANNZANGENFUTTER DIN 6327 DIN 6499
COLLET CHUCK DIN 6327
MANDRIN A PINCES DIN 6327
PORTAPINZE ATTACCO DIN 6327 pag. 82

cat. code	description	€	
K9	214-34302	TR16X1.5L122ER16	98,50
K9	214-34303	TR20X2L128ER16	109,50
K9	214-34304	TR20X2L135ER20	109,50
K9	214-34306	TR28X2L140ER20	115,00
K9	214-34307	TR28X2L140ER25	120,50
K9	214-34308	TR28X2L147ER32	120,50
K9	214-34310	TR36X2L165ER32	137,00
K9	214-34311	TR36X2L186ER40	145,00

KOMBI-AUFSTECKFRÄSDORNE MIT MORSEKEGEL DIN 6358
COMBI-SHELL MILL ADAPTORS WITH MORSE TAPER
MANDRINS PORTE-FRAISES A DOUBLE USAGE MK
PORTAFRESE COMBINATI CON ATTACCO CONO MORSE pag. 82

cat. code	description	€	
K9	216-13118	CM2H37D16C	88,00
K9	216-13119	CM2H42D22C	88,00
K9	216-13120	CM3H37D16C	88,00
K9	216-13121	CM3H42D22C	88,00
K9	216-13122	CM3H42D27C	93,50
K9	216-13123	CM3H63D32C	119,00
K9	216-13124	CM4H55D16C	103,00
K9	216-13125	CM4H55D22C	103,00
K9	216-13126	CM4H55D27C	108,50
K9	216-13127	CM4H55D32C	125,00
K9	216-13128	CM5H75D22C	133,00
K9	216-13129	CM5H75D27C	139,00
K9	216-13130	CM5H75D32C	143,00
K9	216-13131	CM5H75D40C	156,00

WELDON REDUZIERHÜLSEN DIN 1835 B
WELDON REDUCTION SLEEVE
DOUILLES DE REDUCTION WELDON
BUSSOLE DI RIDUZIONE WELDON pag. 83

cat. code	description	€	
K9	213-15203	WE20H30WE06	66,50
K9	213-15204	WE20H30WE08	63,50
K9	213-15205	WE20H30WE10	63,50
K9	213-15206	WE20H35WE12	63,50
K9	213-15207	WE20H35WE14	81,00
K9	213-15208	WE20H60WE16	81,00
K9	213-15209	WE25H25WE06	68,00
K9	213-15210	WE25H30WE08	65,00
K9	213-15211	WE25H30WE10	65,00
K9	213-15212	WE25H35WE12	65,00
K9	213-15213	WE25H35WE14	82,50
K9	213-15214	WE25H40WE16	82,50
K9	213-15215	WE32H30WE06	75,00
K9	213-15216	WE32H30WE08	71,00
K9	213-15217	WE32H30WE10	71,00

K9	213-15218	WE32H35WE12	71,00
K9	213-15219	WE32H35WE14	82,50
K9	213-15220	WE32H40WE16	82,50
K9	213-15221	WE32H40WE18	82,50
K9	213-15222	WE32H40WE20	82,50
K9	213-15223	WE32H65WE25	92,50

SPANNZANGENFUTTER BRIDGEPORT R8 DIN 6499
COLLET CHUCK BRIDGEPORT R8
MANDRIN A PINCES BRIDGEPORT R8
PORTAPINZE ATTACCO BRIDGEPORT R8 pag. 84

cat. code	description	€
K9	214-36401	R8H40ER32 108,50
K9	214-36402	R8H73ER40 114,00

AUFSTECKFRÄSDORNE FÜR FRÄSER MIT QUERNUT BRIDGEPORT R8 ISO 3937
MILL HOLDERS-TENONS DRIVE BRIDGEPORT R8
PORTE-FRAISE-ENTRAÎNEMENT PAR TENONS BRIDGEPORT R8
PORTAFRESE A TRASCINAMENTO FISSO BRIDGEPORT R8 pag. 84

cat. code	description	€
K9	216-76401	R8H19D16F 87,00
K9	216-76402	R8H23D22F 87,00
K9	216-76403	R8H23D27F 89,50
K9	216-76404	R8H24D32F 101,00

GEWINDESCHNEID-SCHNELLWECHSELFUTTER LÄNGENAUSGLEICH MIT ZYLINDERSCHAFT
CYLINDRICAL TAP CHUCKS
MANDRIN DE TARAUDAGE AVEC QUEUE CYLINDRIQUE
MASCHIATORE A DOPPIA COMPENSAZIONE CON CODOLO CILINDRICO pag. 85

cat. code	description	€
K9	M401020	M3-M12CIL.D20GR1 206,50
K9	M401025	M3-M12CIL.D25GR1 206,50
K9	M401032	M3-M12CIL.D32GR1 206,50
K9	M401040	M3-M12CIL.D40GR1 227,50
K9	M402020	M6-M20CIL.D20GR2 258,00
K9	M402025	M6-M20CIL.D25GR2 258,00
K9	M402032	M6-M20CIL.D32GR2 258,00
K9	M402040	M6-M20CIL.D40GR2 258,00
K9	M403032	M14-M33CIL.D32GR3 439,00
K9	M403040	M14-M33CIL.D40GR3 439,00

GEWINDESCHNEID-SCHNELLWECHSELFUTTER LÄNGENAUSGLEICH MIT GEWINDESCHAFT
QUICK CHANGE TAP HOLDERS WITH AUTOMOTIVE SHANK
MANDRIN DE TARAUDAGE A CHANGEMENT RAPIDE AVEC QUEUE FILTEE
MASCHIATORE A DOPPIA COMPENSAZIONE CON GAMBO FILETTATO pag. 85

cat. code	description	€
K9	M-1430	M3-M12TR28X2GR1 196,00
K9	M-1440	M3-M12TR36X2GR1 196,00
K9	M-1530	M6-M20TR28X2GR2 232,50
K9	M-1540	M6-M20TR36X2GR2 258,00
K9	M-1630	M14-M33TR36X2GR3 387,50
K9	M-1640	M14-M33TR48X2GR3 387,50

GEWINDESCHNEID-SCHNELLWECHSELFUTTER LÄNGENAUSGLEICH MIT MORSEKEGELSCHAFT
QUICK CHANGE TAP HOLDER WITH MT SHANK
MANDRIN DE TARAUDAGE CON MORSE A CHANGEMENT RAPIDE
MASCHIATORE A DOPPIA COMPENSAZIONE ATTACCO CONO MORSE pag. 86

cat. code	description	€
K9	M-1810	M3-M12CM2BGR1 206,50
K9	M-1820	M3-M12CM3BGR1 206,50
K9	M-1920	M6-M20CM3BGR2 206,50
K9	M-1930	M6-M20CM4BGR2 227,50
K9	M-2030	M14-M33CM4BGR3 387,50
K9	M-2040	M14-M33CM5BGR3 387,50

GEWINDESCHNEID-SCHNELLWECHSELFUTTER LÄNGENAUSGLEICH MIT MORSEKEGELSCHAFT
QUICK CHANGE TAP HOLDER WITH MT SHANK
MANDRIN DE TARAUDAGE CONE MORSE A CHANGEMENT RAPIDE
MASCHIATORE A DOPPIA COMPENSAZIONE ATTACCO CONO MORSE pag. 86

cat. code	description	€
K9	M-2210	M3-M12CM2AGR1 217,00
K9	M-2220	M3-M12CM3AGR1 217,00
K9	M-2320	M6-M20CM3AGR2 217,00
K9	M-2330	M6-M20CM4AGR2 237,50
K9	M-2430	M14-M33CM4AGR3 413,00
K9	M-2440	M14-M33CM5AGR3 749,00

SCHNELLWECHSELEINSÄTZE OHNE SICHERHEITSKUPPLUNG IBC
QUICK CHANGE TAPPING ADAPTERS WITHOUT SAFETY COUPLING
ADAPTEURS A CHANGEMENT RAPIDE SANS COUPLAGE DE SECURITE
BUSSOLA PER MASCHIARE SENZA FRIZIONE pag. 87

cat. code	description	€
K9	IBC1-3,5	bussola a cambio rapido 22,50
K9	IBC1-4,5	bussola a cambio rapido 22,50
K9	IBC1-5,5	bussola a cambio rapido 22,50
K9	IBC1-6	bussola a cambio rapido 22,50
K9	IBC1-7	bussola a cambio rapido 22,50
K9	IBC1-8	bussola a cambio rapido 22,50
K9	IBC1-9	bussola a cambio rapido 22,50
K9	IBC1-10	bussola a cambio rapido 22,50
K9	IBC1-11	bussola a cambio rapido 22,50
K9	IBC2-6	bussola a cambio rapido 30,00
K9	IBC2-7	bussola a cambio rapido 30,00
K9	IBC2-8	bussola a cambio rapido 30,00
K9	IBC2-9	bussola a cambio rapido 30,00
K9	IBC2-10	bussola a cambio rapido 30,00
K9	IBC2-11	bussola a cambio rapido 30,00
K9	IBC2-12	bussola a cambio rapido 30,00
K9	IBC2-14	bussola a cambio rapido 30,00
K9	IBC2-16	bussola a cambio rapido 30,00
K9	IBC2-18	bussola a cambio rapido 30,00
K9	IBC3-11	bussola a cambio rapido 87,50
K9	IBC3-12	bussola a cambio rapido 87,50
K9	IBC3-14	bussola a cambio rapido 87,50
K9	IBC3-16	bussola a cambio rapido 87,50
K9	IBC3-18	bussola a cambio rapido 87,50
K9	IBC3-20	bussola a cambio rapido 87,50
K9	IBC3-22	bussola a cambio rapido 87,50
K9	IBC3-25	bussola a cambio rapido 87,50
K9	IBC3-28	bussola a cambio rapido 87,50

SCHNELLWECHSELEINSÄTZE MIT SICHERHEITSKUPPLUNG IBS
QUICK CHANGE TAPPING ADAPTERS WITH SAFETY COUPLING
ADAPTEURS A CHANGEMENT RAPIDE AVEC COUPLAGE DE SECURITE
BUSSOLA PER MASCHIARE CON FRIZIONE pag. 88

cat. code	description	€
K9	IBS1-3,5	bussola a cambio rapido 57,50
K9	IBS1-4,5	bussola a cambio rapido 57,50
K9	IBS1-5,5	bussola a cambio rapido 57,50
K9	IBS1-6	bussola a cambio rapido 57,50
K9	IBS1-7	bussola a cambio rapido 57,50
K9	IBS1-8	bussola a cambio rapido 57,50
K9	IBS1-9	bussola a cambio rapido 57,50
K9	IBS1-10	bussola a cambio rapido 57,50
K9	IBS1-11	bussola a cambio rapido 57,50
K9	IBS2-6	bussola a cambio rapido 76,00
K9	IBS2-7	bussola a cambio rapido 76,00
K9	IBS2-8	bussola a cambio rapido 76,00
K9	IBS2-9	bussola a cambio rapido 76,00
K9	IBS2-10	bussola a cambio rapido 76,00
K9	IBS2-11	bussola a cambio rapido 76,00
K9	IBS2-12	bussola a cambio rapido 76,00
K9	IBS2-14	bussola a cambio rapido 76,00
K9	IBS2-16	bussola a cambio rapido 76,00

K9	IBS2-18	bussola a cambio rapido	76,00
K9	IBS3-11	bussola a cambio rapido	174,50
K9	IBS3-12	bussola a cambio rapido	174,50
K9	IBS3-14	bussola a cambio rapido	174,50
K9	IBS3-16	bussola a cambio rapido	174,50
K9	IBS3-18	bussola a cambio rapido	174,50
K9	IBS3-20	bussola a cambio rapido	174,50
K9	IBS3-22	bussola a cambio rapido	174,50
K9	IBS3-25	bussola a cambio rapido	174,50
K9	IBS3-28	bussola a cambio rapido	174,50

ER TYP SPANNZANGEN
COLLETS ER TYPE
PINCES TYPE ER
PINZE TIPO ER

DIN 6499/B

pag. 90

cat. code	description	€	
K9	ER8D1-2,5	pinza tipo ER (1-1,5-2-2,5)	17,00
K9	ER8D3-5	pinza tipo ER (3-3,5-4-4,5-5)	13,00
K9	ER11D1-2,5	pinza tipo ER (1-1,5-2-2,5)	17,00
K9	ER11D3-7	pinza tipo ER (3-4-4,5-5-5,5-6-6,5-7)	13,00
K9	ER16D1-2,5	pinza tipo ER (1-1,5-2-2,5)	18,00
K9	ER16D3-10	pinza tipo ER (3-4-5-6-7-8-9-10)	13,00
K9	ER20D1-2,5	pinza tipo ER (1-1,5-2-2,5)	19,00
K9	ER20D3-13	pinza tipo ER (3-4-5-6-7-8-9-10-11-12-13)	14,00
K9	ER25D1-2,5	pinza tipo ER (1-1,5-2-2,5)	20,50
K9	ER25D03-16	pinza tipo ER (3-4-5-6-7-8-9-10-11-12-13-14-15-16)	13,50
K9	ER32D2-2,5	pinza tipo ER (2-2,5)	20,50
K9	ER32D3-20	pinza tipo ER (3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20)	13,50
K9	ER40D3-30	pinza tipo ER (3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30)	18,00

ER SPANNZANGEN FÜR GEWINDEBOHRER
ER TAPPING COLLETS WITH SQUARE
PINCES DE TARAUDAGE
PINZE ER CON QUADRO PER MASCHIATURA

DIN 6499/A

pag. 90

cat. code	description	€	
K9	ER16MD..	pinza ER con quadro maschiatura (3,5-8)	41,50
K9	ER20MD..	pinza ER con quadro maschiatura (3,5-10)	43,00
K9	ER25MD..	pinza ER con quadro maschiatura (3,5-12)	43,50
K9	ER32MD..	pinza ER con quadro maschiatura (4-16)	45,00
K9	ER40MD..	pinza ER con quadro maschiatura (6-20)	47,50

DICHTE ER-SPANNZANGE
WATERTIGHT ER COLLETS
PINCES ER ETANCHES
PINZE ER A TENUTA STAGNA

DIN 6499/A

pag. 90

cat. code	description	€	
K9	ER11VGD...	pinza a tenuta stagna (3 - 7)	49,00
K9	ER16VGD...	pinza a tenuta stagna (3 - 10)	49,00
K9	ER20VGD...	pinza a tenuta stagna (3 - 13)	50,00
K9	ER25VGD...	pinza a tenuta stagna (3 - 16)	34,00
K9	ER32VGD...	pinza a tenuta stagna (3 - 20)	34,00
K9	ER40VGD...	pinza a tenuta stagna (4 - 26)	40,00

EOC TYP SPANNZANGEN
COLLETS EOC TYPE
PINCES TYPE EOC
PINZE TIPO EOC

DIN 6388/B

pag. 91

cat. code	description	€	
K9	EOC16BD02-02,5	pinza tipo EOC (2-2,5)	40,00
K9	EOC16BD03-05,5	pinza tipo EOC (3-3,5-4-4,5-5-5,5)	33,00
K9	EOC16BD06-16	pinza tipo EOC (6-6,5-7-7,5-8-8,5-9-12-12,5-13-13,5-14-14,5-15-15,5-16)	26,00
K9	EOC25BD02-02,5	pinza tipo EOC (2-2,5)	44,00
K9	EOC25BD03-05,5	pinza tipo EOC (3-3,5-4-4,5-5-5,5)	33,00

K9	EOC25BD06-25	pinza tipo EOC (6-6,5-7-7,5-8-8,5-9-9,5-10-10,5-11-11,5-12-12,5-13-13,5-14-14,5-15-15,5-16-16,5-17-17,5-18-18,5-19-19,5-20-20,5-21-21,5-22-22,5-23-23,5-24-24,5-25)	26,00
K9	EOC32BD04-09	pinza tipo EOC (4-5-6-7-8-9)	50,00
K9	EOC32BD10-32	pinza tipo EOC (10-11-12-13-14-15-16-17-18-19-20-22-24-25-26-28-30-32)	42,00

SPANNZANGEN FÜR KRAFTSPANNFUTTER
COLLETS FOR MILLING CHUCK
PINCES POUR MANDRINS A FORT SERRAGE
PINZE PER MANDRINI A FORTE SERRRAGGIO

pag. 91

cat. code	description	€	
K9	K20D03-05	pinza per forte serraggio (3-4-5)	30,00
K9	K20D06-16	pinza per forte serraggio (6-8-10-12-16)	28,00
K9	K20D14-18	pinza per forte serraggio (14-18)	30,00
K9	K32D03-05	pinza per forte serraggio (3-4-5)	30,00
K9	K32D06-25	pinza per forte serraggio (6-8-10-12-16-20-25)	33,00
K9	K32D14-18	pinza per forte serraggio (14-18)	35,00

SPANNZANGEN FÜR HYDRODENSANSPANNFUTTER
COLLETS FOR HYDRAULIC CHUCKS
PINCES POUR MANDRINS HYDRAULIQUES
PINZE PER MANDRINI IDRAULICI

pag. 91

cat. code	description	€	
K9	G12D03	pinza per idraulici (3)	75,00
K9	G12D04-10	pinza per idraulici (4-5-6-8-10)	70,00
K9	G20D03-05	pinza per idraulici (3-4-5)	68,00
K9	G20D06-16	pinza per idraulici (6-8-10-12-14-16)	65,00
K9	G32D10-25	pinza per idraulici (10-12-14-16-18-20-25)	86,00

SPANNBOLZEN DIN 69872
DIN 69872 PULL STUDS
TIRETTES DIN 69872
CODOLI DI AGGANCIO DIN 69872

DIN 69872

pag. 92

cat. code	description	€	
K9	217-21206	codolo di aggancio Din69872	11,50
K9	217-21207	codolo di aggancio Din69872	12,00
K9	217-21208	codolo di aggancio Din69872	18,00
K9	217-21301	codolo di aggancio Din69872	14,00
K9	217-21302	codolo di aggancio Din69872	20,50
K9	217-21201	codolo di aggancio Din69872	12,50
K9	217-21202	codolo di aggancio Din69872	18,00
K9	217-21305	codolo di aggancio Din69872	14,00
K9	217-21306	codolo di aggancio Din69872	20,50

SPANNBOLZEN ISO 7388/2-B
ISO 7388/2-B PULL STUDS
TIRETTES ISO 7388/2-B
CODOLI DI AGGANCIO ISO 7388/2-B

ISO 7388/2-B

pag. 93

cat. code	description	€	
K9	217-21607	codolo di aggancio ISO7388/2-B	11,50
K9	217-21608	codolo di aggancio ISO7388/2-B	12,00
K9	217-21609	codolo di aggancio ISO7388/2-B	18,00
K9	217-21611	codolo di aggancio ISO7388/2-B	14,00
K9	217-21612	codolo di aggancio ISO7388/2-B	20,50
K9	217-21601	codolo di aggancio ISO7388/2-B	12,50
K9	217-21602	codolo di aggancio ISO7388/2-B	18,00
K9	217-21621	codolo di aggancio ISO7388/2-B	14,00
K9	217-21622	codolo di aggancio ISO7388/2-B	20,50

SPANNBOLZEN ISO 7388/2-A
ISO 7388/2-A PULL STUDS
TIRETTES ISO 7388/2-A
CODOLI DI AGGANCIO ISO 7388/2-A

ISO 7388/2-A

pag. 94

cat.	code	description	€
K9	217-21616	codolo di aggancio ISO7388/2-A	11,00
K9	217-21617	codolo di aggancio ISO7388/2-A	12,00
K9	217-21618	codolo di aggancio ISO7388/2-A	18,00
K9	217-21619	codolo di aggancio ISO7388/2-A	14,00
K9	217-21620	codolo di aggancio ISO7388/2-A	20,50
K9	217-21614	codolo di aggancio ISO7388/2-A	12,00
K9	217-21615	codolo di aggancio ISO7388/2-A	18,00
K9	217-21623	codolo di aggancio ISO7388/2-A	14,00
K9	217-21624	codolo di aggancio ISO7388/2-A	20,50

SPANNBOLZEN MAS-BT
MAS-BT PULL STUDS
TIRETTES MAS-BT
CODOLI DI AGGANCIO MAS-BT

pag. 95

cat.	code	description	€
K9	217-21508	codolo di aggancio MAS-BT	11,00
K9	217-21507	codolo di aggancio MAS-BT	11,00
K9	217-21502	codolo di aggancio MAS-BT	12,00
K9	217-21501	codolo di aggancio MAS-BT	12,00
K9	217-21503	codolo di aggancio MAS-BT	12,00
K9	217-21505	codolo di aggancio MAS-BT	18,00
K9	217-21504	codolo di aggancio MAS-BT	18,00
K9	217-21506	codolo di aggancio MAS-BT	18,00
K9	217-21401	codolo di aggancio MAS-BT	14,00
K9	217-21402	codolo di aggancio MAS-BT	14,00
K9	217-21403	codolo di aggancio MAS-BT	14,00
K9	217-21404	codolo di aggancio MAS-BT	20,50
K9	217-21405	codolo di aggancio MAS-BT	20,50
K9	217-21406	codolo di aggancio MAS-BT	20,50
K9	217-22206	codolo di aggancio MAS-BT	13,50
K9	217-22207	codolo di aggancio MAS-BT	13,50
K9	217-22208	codolo di aggancio MAS-BT	13,50
K9	217-22209	codolo di aggancio MAS-BT	19,50
K9	217-22210	codolo di aggancio MAS-BT	19,50
K9	217-22211	codolo di aggancio MAS-BT	19,50

SPANNBOLZEN MAS-BT->DIN 69871
MAS-BT->DIN 69871 PULL STUDS
TIRETTES MAS-BT->DIN 69871
CODOLI DI AGGANCIO MAS-BT->DIN 69871

pag. 96

cat.	code	description	€
K9	217-22060	codolo di aggancio MAS-BT-DIN69871	12,00
K9	217-22090	codolo di aggancio MAS-BT-DIN69871	12,00
K9	217-22027	codolo di aggancio MAS-BT-DIN69871	12,00
K9	217-21407	codolo di aggancio MAS-BT-DIN69871	14,00
K9	217-21408	codolo di aggancio MAS-BT-DIN69871	14,00
K9	217-21409	codolo di aggancio MAS-BT-DIN69871	14,00
K9	217-22212	codolo di aggancio MAS-BT-DIN69871	13,50
K9	217-22213	codolo di aggancio MAS-BT-DIN69871	13,50
K9	217-22214	codolo di aggancio MAS-BT-DIN69871	13,50

SPANNBOLZEN MIT RINGNUT NACH DIN 2080
ADAPTOR PULL STUDS ACCORDING TO DIN 2080
ADAPTATION SUIVANT DIN 2080
CODOLO ADATTATORE DIN 2080

pag. 97

cat.	code	description	€
K9	217-22025	codolo adattatore DIN2080	16,50
K9	217-22040	codolo adattatore DIN2080	16,50
K9	217-22024	codolo adattatore DIN2080	22,50

SPANNBOLZEN JIS. B6339
JIS. B6339 PULL STUD
TIRETTE JIS. B6339
CODOLO DI AGGANCIO JIS. B6339

pag. 97

cat.	code	description	€
K9	217-22134	codolo di aggancio JIS.B6339	15,00

SPANNBOLZEN BRIDGEPORT
BRIDGEPORT PULL STUD
TIRETTE BRIDGEPORT
CODOLO DI AGGANCIO BRIDGEPORT

pag. 97

K9	217-22253	codolo di aggancio BRIDGEPORT	14,00
----	-----------	-------------------------------	-------

SPANNBOLZEN CB FERRARI
CB FERRARI PULL STUD
TIRETTE CB FERRARI
CODOLO DI AGGANCIO CB FERRARI

pag. 98

cat.	code	description	€
K9	217-22017	codolo di aggancio CB FERRARI	15,00
K9	217-22046	codolo di aggancio CB FERRARI con dado	15,00

SPANNBOLZEN CHIRON
CHIRON PULL STUD
TIRETTE CHIRON
CODOLO DI AGGANCIO CHIRON

pag. 98

cat.	code	description	€
K9	217-22048	codolo di aggancio CHIRON	12,00

SPANNBOLZEN CORREA
CORREA PULL STUD
TIRETTE CORREA
CODOLO DI AGGANCIO CORREA

pag. 99

cat.	code	description	€
K9	217-22135	codolo di aggancio CORREA	19,00

SPANNBOLZEN CORTINI
CORTINI PULL STUD
TIRETTE CORTINI
CODOLO DI AGGANCIO CORTINI

pag. 99

cat.	code	description	€
K9	217-22254	codolo di aggancio CORTINI	18,00

SPANNBOLZEN TYP FAMUP
FAMUP TYPE PULL STUDS
TIRETTES TYPE FAMUP
CODOLI DI AGGANCIO TIPO FAMUP

pag. 99

cat.	code	description	€
K9	217-22137	codolo di aggancio TIPO FAMUP	13,00
K9	217-22051	codolo di aggancio TIPO FAMUP	13,00
K9	217-22052	codolo di aggancio TIPO FAMUP	13,00

SPANNBOLZEN TYP MAZAK
MAZAK TYPE PULL STUDS
TIRETTES TYPE MAZAK
CODOLI DI AGGANCIO TIPO MAZAK

pag. 100

cat.	code	description	€
K9	217-22003	codolo di aggancio TIPO MAZAK	13,00
K9	217-22047	codolo di aggancio TIPO MAZAK	13,00
K9	217-22187	codolo di aggancio TIPO MAZAK	20,50

SPANNBOLZEN OLIVETTI OCN
OLIVETTI OCN PULL STUD
TIRETTE OLIVETTI OCN
CODOLO DI AGGANCO OLIVETTI OCN

pag. 100

cat. code	description	€
K9 217-22136	codolo di aggancio TIPO OLIVETTI OCN	18,00

SPANNBOLZEN TYP RAMBAUDI
RAMBAUDI TYPE PULL STUDS
TIRETTES TYPE RAMBAUDI
CODOLO DI AGGANCO TIPO RAMBAUDI

pag. 100

cat. code	description	€
K9 217-22049	codolo di aggancio TIPO RAMBAUDI	15,00
K9 217-22050	codolo di aggancio TIPO RAMBAUDI	22,50

SPANNBOLZEN SECMU
SECMU PULL STUD
TIRETTE SECMU
CODOLO DI AGGANCO SECMU

pag. 101

cat. code	description	€
K9 217-22138	codolo di aggancio TIPO SECMU	28,50

SPANNBOLZEN CINCINNATI
CINCINNATI PULL STUD
TIRETTE CINCINNATI
CODOLO DI AGGANCO CINCINNATI

pag. 101

cat. code	description	€
K9 217-22010	codolo di aggancio TIPO CINCINNATI	19,00
K9 217-22030	codolo di aggancio TIPO CINCINNATI	19,00

SPANNBOLZEN BIESSE
BIESSE PULL STUD
TIRETTE BIESSE
CODOLO DI AGGANCO BIESSE

pag. 101

cat. code	description	€
K9 217-22158	codolo di aggancio TIPO BIESSE	12,50

MONTAGEBLOCK
ASSEMBLY SUPPORTS
SUPPORTS D'ASSEMBLAGE
SUPPORTO DI MONTAGGIO

pag. 102

cat. code	description	€
K9 237-32110	blocco di montaggio DIN2080	258,50
K9 237-32310	blocco di montaggio DIN2080	258,50
K9 237-32510	blocco di montaggio DIN2080	258,50
K9 237-32120	blocco di montaggio DIN69871	258,50
K9 237-32320	blocco di montaggio DIN69871	258,50
K9 237-32520	blocco di montaggio DIN69871	258,50
K9 237-32180	blocco di montaggio TEK	300,00
K9 237-32130	blocco di montaggio MAS403/BT	258,50
K9 237-32330	blocco di montaggio MAS403/BT	258,50
K9 237-32530	blocco di montaggio MAS403/BT	258,50

SPANNSCHLÜSSEL FÜR STANDARD SPANNMUTTER
WRENCHES FOR STANDARD NUT
CLES DE SERRAGE POUR ECROU STANDARD
CHIAVI PER GHIERA STANDARD

pag. 103

cat. code	description	€
K9 816-203000	chiave per ghiera standard ER16	15,50
K9 816-203005	chiave per ghiera standard ER20	16,50
K9 816-203001	chiave per ghiera standard ER25	18,00
K9 816-203002	chiave per ghiera standard ER32	16,50
K9 816-203003	chiave per ghiera standard ER40	21,50

SPANNSCHLÜSSEL FÜR MINI SPANNMUTTER
WRENCHES FOR MINI NUT
CLES DE SERRAGE POUR ECROU MINI
CHIAVI PER GHIERA MINI

pag. 103

cat. code	description	€
K9 816-203007	chiave per ghiera mini ER8M	15,50
K9 816-203008	chiave per ghiera mini ER11M	15,50
K9 816-203009	chiave per ghiera mini ER16M	15,50
K9 816-203010	chiave per ghiera mini ER20M	16,00
K9 816-203011	chiave per ghiera mini ER25M	16,50

SPANNSCHLÜSSEL FÜR FRÄSERANZUGSSCHRAUBEN
WRENCH FOR TOOLS RETAINING SCREW
CLE A VIS A CROSSE
CHIAVE PER VITE TESTA A CROCE

pag. 103

cat. code	description	€
K9 816-13002	chiave per vite testa a croce 16/M8	14,00
K9 816-13003	chiave per vite testa a croce 22/M10	16,00
K9 816-13004	chiave per vite testa a croce 27/M12	17,50
K9 816-13005	chiave per vite testa a croce 32/M16	21,00
K9 816-13006	chiave per vite testa a croce 40/M20	24,50
K9 816-13007	chiave per vite testa a croce 50/M24	41,50

SPANNSCHLÜSSEL FÜR ÜBERWÜRFMUTTERN
WRENCHES FOR LOCKNUT
CLES POUR COLLIERE D'ETACHEITE
CHIAVI PER GHIERA DI TENUTA

pag. 103

cat. code	description	€
K9 816-20204	chiave per ghiera di tenuta M10/MK1	14,00
K9 816-20205	chiave per ghiera di tenuta M15/MK2	14,50
K9 816-20206	chiave per ghiera di tenuta M20/MK3	16,00
K9 816-20207	chiave per ghiera di tenuta M24/MK4	21,50
K9 816-20208	chiave per ghiera di tenuta M36/MK5	25,50

STANDARD ÜBERWURFMUTTER
STANDARD NUT
ECROU STANDARD
GHIERE STANDARD

cat. code	description	€
K9 812-203008	GHIERA ER11	18,50
K9 812-203009	GHIERA ER16	17,00
K9 812-203010	GHIERA ER20	17,50
K9 812-203001	GHIERA ER25	17,50
K9 812-203002	GHIERA ER32	16,50
K9 812-203003	GHIERA ER40	23,00

KB 812-203032	GHIERA ER32 con filetto esterno	23,50
KB 812-203057	GHIERA ER25 con filetto esterno	22,50

MINI ÜBERWURFMUTTER
MINI NUT
ECROU MINI
GHIERE MINI

cat. code	description	€
K9 812-203011	GHIERA ER8 mini	17,00
K9 812-203012	GHIERA ER11 mini	17,00
K9 812-203013	GHIERA ER16 mini	17,00
K9 812-203014	GHIERA ER20 mini	17,50
K9 812-203015	GHIERA ER25 mini	18,50

DIN 6388 ÜBERWURFMUTTER
DIN 6388 NUT
ECROU DIN 6388
GHIERE DIN 6388

cat. code	description	€
KB 812-202050	GHIERA EOC 16 (DIN 6388)	38,00
KB 812-202070	GHIERA EOC 25 (DIN 6388)	39,00
KB 812-202080	GHIERA EOC 32 (DIN 6388)	58,00

KIT

KIT MANDRINI TOOL HOLDERS KIT

pag. 106

	cat. code	description	€
ISO 40	A6	KITMANTC40 kit mandrini	1239,00
	A6	KITMANBT40 kit mandrini	1239,00
	A6	KITMANISO40 kit mandrini	1187,00

ISO 50	A6	KITMANTC50 kit mandrini	1523,00
	A6	KITMANBT50 kit mandrini	1523,00
	A6	KITMANISO50 kit mandrini	1471,00

KIT PORTAPINZE COLLET CHUCK KITS

pag. 107

	cat. code	description	€
ISO 30	A6	KITISO30ER25 kit portapinze	165,00
	A6	KITTC30ER25 kit portapinze	165,00
	A6	KITBT30ER25 kit portapinze	165,00

ISO 40	A6	KITISO30ER32 kit portapinze	154,00
	A6	KITTC30ER32 kit portapinze	154,00
	A6	KITBT30ER32 kit portapinze	154,00

ISO 40	A6	KITISO40ER25 kit portapinze	165,00
	A6	KITTC40ER25 kit portapinze	165,00
	A6	KITBT40ER25 kit portapinze	165,00

ISO 40	A6	KITISO40ER32 kit portapinze	154,00
	A6	KITTC40ER32 kit portapinze	154,00
	A6	KITBT40ER32 kit portapinze	154,00

ISO 40	A6	KITISO40ER40 kit portapinze	185,00
	A6	KITTC40ER40 kit portapinze	185,00
	A6	KITBT40ER40 kit portapinze	185,00

ISO 50	A6	KITISO50ER25 kit portapinze	180,00
	A6	KITTC50ER25 kit portapinze	180,00
	A6	KITBT50ER25 kit portapinze	180,00

ISO 50	A6	KITISO50ER32 kit portapinze	175,00
	A6	KITTC50ER32 kit portapinze	175,00
	A6	KITBT50ER32 kit portapinze	175,00

ISO 50	A6	KITISO50ER40 kit portapinze	196,00
	A6	KITTC50ER40 kit portapinze	196,00
	A6	KITBT50ER40 kit portapinze	196,00

KIT PORTAPINZE CILINDRICI EXTENSION COLLET CHUCKS KIT

pag. 107

	cat. code	description	€
ISO 40	A6	KITPPCER16M kit portapinze cilindrici	268,00
	A6	KITPPCER20M kit portapinze cilindrici	273,00
	A6	KITPPCER25M kit portapinze cilindrici	278,00

KIT FORTE SERRAGGIO MILLING CHUCK KIT

pag. 108

	cat. code	description	€
ISO 40	A6	KITBT40C20 kit mandrino forte serraggio	224,00
	A6	KITBT40C32 kit mandrino forte serraggio	284,00

ISO 40	A6	KITTC40C20 kit mandrino forte serraggio	224,00
	A6	KITTC40C32 kit mandrino forte serraggio	284,00

ISO 40	A6	KITISO40C32 kit mandrino forte serraggio	214,00
--------	----	--	--------

ISO 50	A6	KITBT50C20 kit mandrino forte serraggio	258,00
	A6	KITBT50C32 kit mandrino forte serraggio	330,00

ISO 50	A6	KITTC50C20 kit mandrino forte serraggio	258,00
	A6	KITTC50C32 kit mandrino forte serraggio	330,00

ISO 50	A6	KITISO50C32 kit mandrino forte serraggio	322,00
--------	----	--	--------

KIT IDRAULICO HYDRAULIC KIT

pag. 109

	cat. code	description	€
ISO 40	A6	KITBT40G20 kit mandrino idraulico	410,00
	A6	KITBT40G32 kit mandrino idraulico	645,00

ISO 40	A6	KITTC40G20 kit mandrino idraulico	410,00
	A6	KITTC40G32 kit mandrino idraulico	645,00

ISO 50	A6	KITBT50G20 kit mandrino idraulico	445,00
	A6	KITBT50G32 kit mandrino idraulico	640,00

ISO 50	A6	KITTC50G20 kit mandrino idraulico	445,00
	A6	KITTC50G32 kit mandrino idraulico	640,00