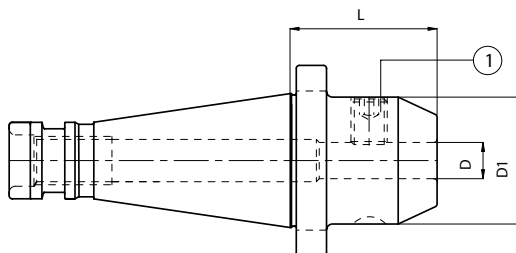



ZYLINDERSCHAFTAUFNAHME WELDON MANDRINS POUR OUTILS TYPE WELDON
 END MILL HOLDERS WELDON MANDRINI PORTAFRESE TIPO WELDON

DIN 1835 B



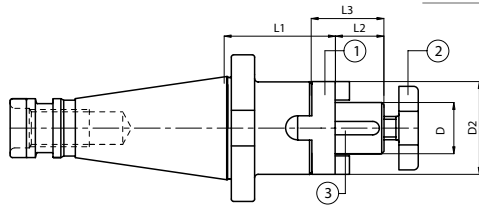
Code N.	Description	ISO	D	L	D1
213-11102	ISO40H50WE06	40	6	50	25
213-11103	ISO40H50WE08	40	8	50	28
213-11104	ISO40H50WE10	40	10	50	35
213-11105	ISO40H50WE12	40	12	50	42
213-11106	ISO40H50WE14	40	14	50	44
213-11107	ISO40H63WE16	40	16	63	48
213-11108	ISO40H63WE18	40	18	63	50
213-11109	ISO40H63WE20	40	20	63	52
213-11110	ISO40H90WE25	40	25	90	65
213-11111	ISO40H90WE32	40	32	90	72
213-11112	ISO50H50WE06	50	6	50	25
213-11113	ISO50H50WE08	50	8	50	28
213-11114	ISO50H63WE10	50	10	63	35
213-11115	ISO50H63WE12	50	12	63	42
213-11116	ISO50H63WE14	50	14	63	44
213-11117	ISO50H63WE16	50	16	63	48
213-11118	ISO50H63WE18	50	18	63	50
213-11119	ISO50H63WE20	50	20	63	52
213-11120	ISO50H80WE25	50	25	80	65
213-11121	ISO50H85WE32	50	32	85	72
213-11122	ISO50H95WE40	50	40	95	78

Ersatzteile • Spare parts • Pièces détachées • Componenti

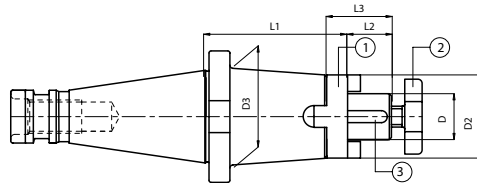
D	Locking screw	Quantity
		
6	811-106001	1
8	811-106002	1
10	811-106004	1
12	811-106005	1
14	811-106005	1
16	811-106006	1
18	811-106006	1
20	811-106007	1
25	811-106008	2
32	811-106009	2
40	811-106009	2

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

DIN 6358



	Code N.	Description	ISO	D	L1	L2	L3	D2
STANDARD	216-11101	ISO40H52D16C	40	16	52	17	27	32
	216-11102	ISO40H52D22C	40	22	52	19	31	40
	216-11103	ISO40H52D27C	40	27	52	21	33	48
	216-11104	ISO40H52D32C	40	32	52	24	38	58
	216-11105	ISO40H52D40C	40	40	52	27	41	70
	216-11106	ISO50H55D16C	50	16	55	17	27	32
	216-11107	ISO50H55D22C	50	22	55	19	31	40
	216-11108	ISO50H55D27C	50	27	55	21	33	48
	216-11109	ISO50H55D32C	50	32	55	24	38	58
	216-11110	ISO50H55D40C	50	40	55	27	41	70



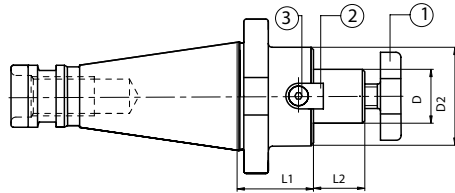
	Code N.	Description	ISO	D	L1	L2	L3	D2	D3
EXTENDED	216-11120	ISO40H90D16C	40	16	90	17	27	32	40
	216-11121	ISO40H90D22C	40	22	90	19	31	40	44
	216-11122	ISO40H90D27C	40	27	90	21	33	48	-
	216-11123	ISO40H100D32C	40	32	100	24	38	58	-
	216-11125	ISO50H100D16C	50	16	100	17	27	32	50
	216-11126	ISO50H100D22C	50	22	100	19	31	40	60
	216-11127	ISO50H100D27C	50	27	100	21	33	48	60
	216-11128	ISO50H100D32C	50	32	100	24	38	58	-
	216-11129	ISO50H100D40C	50	40	100	27	41	70	-

Ersatzteile • Spare parts • Pièces detachées • Componenti

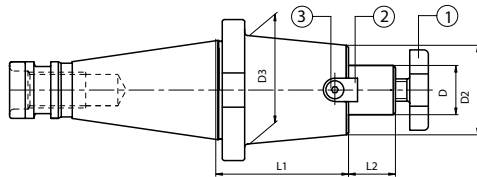
D	Ring	Cross screw	Key	Wrench
6	814-30001	811-107003	814-201010	816-130002
22	814-30002	811-107004	814-201020	816-130003
27	814-30003	811-107005	814-201030	816-130004
32	814-30004	811-107006	814-201040	816-130005
40	814-30005	811-107007	814-201050	816-130006

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

ISO 3937



	Code N.	Description	ISO	D	L1	L2	D2
STANDARD	216-71105	ISO40H45D16F	40	16	45	17	38
	216-71106	ISO40H45D22F	40	22	45	19	48
	216-71107	ISO40H45D27F	40	27	45	21	58
	216-71108	ISO40H50D32F	40	32	50	24	78
	216-71109	ISO40H55D40F	40	40	55	27	88
	216-71115	ISO50H45D16F	50	16	45	17	38
	216-71116	ISO50H45D22F	50	22	45	19	48
	216-71117	ISO50H45D27F	50	27	45	21	58
	216-71118	ISO50H50D32F	50	32	50	24	78
216-71119	ISO50H50D40F	50	40	50	27	88	



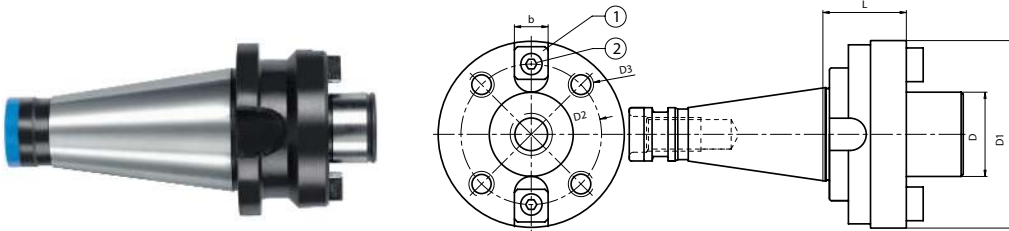
	Code N.	Description	ISO	D	L1	L2	D2	D3
EXTENDED	216-71141	ISO40H120D16F	40	16	120	17	32	39
	216-71142	ISO40H120D22F	40	22	120	19	40	49
	216-71143	ISO40H120D27F	40	27	120	21	48	60
	216-71144	ISO40H120D32F	40	32	120	24	58	62
	216-71145	ISO50H150D16F	50	16	150	17	32	39
	216-71146	ISO50H150D22F	50	22	150	19	40	49
	216-71147	ISO50H150D27F	50	27	150	21	48	75
	216-71148	ISO50H150D32F	50	32	150	24	58	80
	216-71149	ISO50H150D40F	50	40	150	27	70	90

Ersatzteile • Spare parts • Pièces détachées • Componenti

D/D2	Cross screw	Tenon	Screw	Wrench
16/32	811-107003	814-20214	811-101003	816-130002
16/38	811-107003	814-202280	811-101004	816-130002
22/40	811-107004	814-202150	811-101010	816-130003
22/48	811-107004	814-202250	811-101011	816-130003
27/48	811-107005	814-202160	811-101017	816-130004
25/58	811-107005	814-202270	811-101018	816-130004
32/58	811-107006	814-202170	811-101027	816-130005
32/78	811-107006	814-202630	811-101029	816-130005
40/70	811-107007	814-202180	811-101028	816-130006
40/88	811-107007	814-202710	811-101029	816-130006

AUFSTECKFRÄSDORNE FÜR MESSERKÖPFE MIT GRÖßEREM BUNDDURCHMESSER MANDRINS PORTE-FRAISE POUR FRAISES A SURFACER
 FACE MILL HOLDER FOR FACE MILLING CUTTERS MANDRINI PORTAFRESE A SPIANARE CON FLANGIA MAGGIORATA

DIN 6357



Code N.	Description	ISO	D	L	D1	D2	D3	b
▲ 216-21101	ISO40H46.6D40	40	40	46.6	89	66.7	M12	15.9
▲ 216-21102	ISO50H53.2D40	50	40	53.2	89	66.7	M12	15.9
▲ 216-21104	ISO50H70.2D60	50	60	70.2	129	101.6	M16	25.4

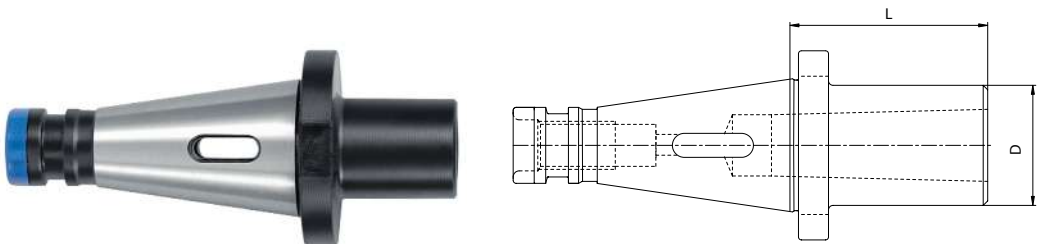
▲ FORNITO CON VITE CENTRALE INCLUSA • SUPPLIED WITH INTERNAL SCREW

Ersatzteile • Spare parts • Pièces détachées • Componenti

D	Tenon	Screw	Cross screw	Wrench
40	814-202080	811-101028	811-107007	816-130006
60	814-202120	811-101063	-	-

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

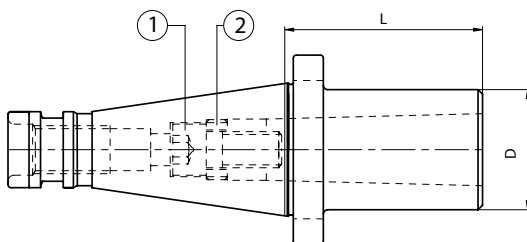
DIN 228-2 FORM D



Code N.	Description	ISO	MORSE	D	L
212-41101	ISO40H50CM1P	40	1	25	50
212-41102	ISO40H50CM2P	40	2	32	50
212-41103	ISO40H65CM3P	40	3	40	65
212-41104	ISO40H95CM4P	40	4	48	95
212-41111	ISO50H45CM1P	50	1	25	45
212-41105	ISO50H60CM2P	50	2	32	60
212-41106	ISO50H65CM3P	50	3	40	65
212-41107	ISO50H70CM4P	50	4	48	70
212-41108	ISO50H105CM5P	50	5	63	105

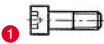

ZWISCHENHÜLSEN FÜR MORESEKEGEL MIT ANZUGSGEWINDE DOUILLES POUR CONE MORSE AVEC TARAUDAGE
 MORSE TAPER ADAPTER WITH TREAD MANDRINI PORTAFRESE ATTACCO CONO MORSE

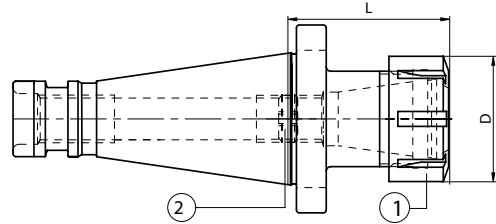
DIN 228-2 FORM C



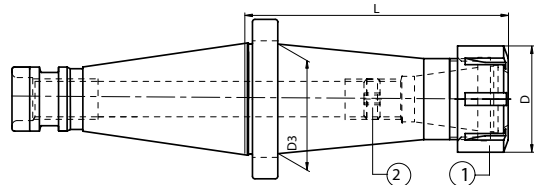
Code N.	Description	ISO	MORSE	D	L
212-21101	ISO40H50CM1F	40	1	25	50
212-21102	ISO40H50CM2F	40	2	32	50
212-21103	ISO40H65CM3F	40	3	40	65
212-21104	ISO40H95CM4F	40	4	48	95
212-21111	ISO50H45CM1F	50	1	25	45
212-21105	ISO50H60CM2F	50	2	32	60
212-21106	ISO50H65CM3F	50	3	40	65
212-21107	ISO50H65CM4F	50	4	48	65
212-21108	ISO50H120CM5F	50	5	63	120

Ersatzteile • Spare parts • Pièces détachées • Componenti

ISO/MORSE	Screw	Ring
		
40/1	811-101029	811-302030
40/2	811-111007	811-302031
40/3	811-101065	811-302032
40/4	811-111005	811-302036
50/1	811-101029	811-302030
50/2	811-101054	811-302032
50/3	811-101065	811-302032
50/4	811-401037	811-302034
50/5	811-101092	811-302036






	Code N.	Description	ISO	ER	D	L
STANDARD	214-31105	ISO30H42ER16	30	16	28	42
	214-31106	ISO30H42ER25	30	25	45	42
	214-31107	ISO30H50ER32	30	32	50	50
	214-31152	ISO40H55ER16	40	16	32	55
	214-31101	ISO40H53ER25	40	25	45	53
	214-31102	ISO40H68ER32	40	32	50	68
	214-31114	ISO40H80ER40	40	40	63	80
	214-31137	ISO50H65ER25	50	25	45	65
	214-31103	ISO50H68ER32	50	32	50	68
	214-31104	ISO50H76ER40	50	40	63	76



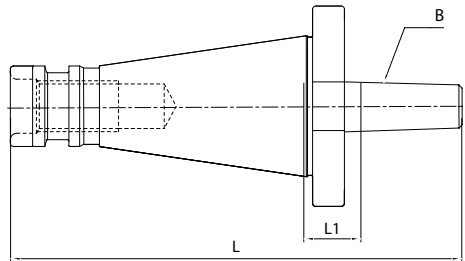
	Code N.	Description	ISO	ER	D	D3	L
EXTENDED	214-31108	ISO40H110ER25	40	25	45	44	110
	214-31109	ISO40H110ER32	40	32	50	50	110
	214-31138	ISO50H140ER25	50	25	45	44	140
	214-31110	ISO50H140ER32	50	32	50	50	140
	214-31111	ISO50H140ER40	50	40	63	60	140

Ersatzteile • Spare parts • Pièces detachées • Componenti

ER	Nut	Stop screw	Stop screw
			
16	812-203005	811-303119	-
25	812-203001	811-303121	-
ISO30/25	812-203001	-	811-303001
32	812-203002	811-303118	-
ISO30/32	812-203002	-	811-303001
40	812-203003	811-303122	-

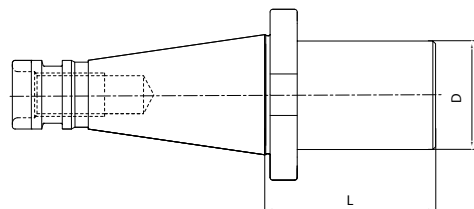
BOHRFUTTERAUFNAHMEN ARBRES POUR MANDRINS DE PERCAGE
ARBORS FOR DRILL CHUCKS ATTACCO PER MANDRINI PORTAPUNTE

DIN 238



Code N.	Description	ISO	B	L	L1
216-31102	ISO40H17B16	40	16	134.4	17
216-31103	ISO40H17B18	40	18	142.4	17
216-31104	ISO50H20B16	50	16	170.8	20
216-31105	ISO50H20B18	50	18	178.8	20

ROHLINGE MIT WEICHEM SHAFT BARRES D'ALESAGE SEMI-FINIES
BLANK TOOLHOLDER WITH SOFT SHANK MANDRINI SEMILAVORATI A STELO TENERO



Code N.	Description	ISO	D	L
217-41101	ISO40H160D40.5SM	40	40.5	160
217-41102	ISO40H160D63.5SM	40	63.5	160
217-41103	ISO40H250D63.5SM	40	63.5	250
217-41104	ISO50H160D80SM	50	80	160
217-41105	ISO50H200D80SM	50	80	200
217-41106	ISO50H300D80SM	50	80	300