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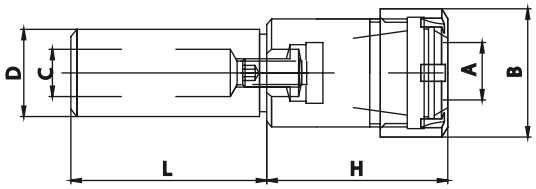
COMPONENTI INNOVATIVI TECNOMECCANICI

ACCESSORIES AND KIT

CYLINDRICAL COLLET CHUCKS WITH MINI NUT
SPANNFUTTER MIT ZYLINDERSCHAFT MIT MINI SPANNMUTTER
ЦАНГОВЫЕ ПАТРОНЫ С ЦИЛИНДРИЧЕСКИМ ХВОСТОВИКОМ С МИНИ-ГАЙКОЙ
PORTAPINZA GAMBO CILINDRICO CON GHIERA MINI
PORTE PINCES QUEUE CYLINDRIQUE AVEC ECROU MINI
带微型螺母的圆柱式弹簧夹头

DIN6499/ISO15488





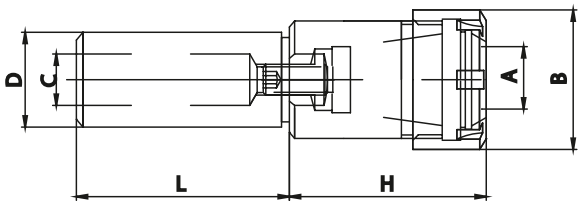
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214-35101	D6L45ER8M	6	45	24	12	-	1÷5	812-203011	ER8M
214-35139	D6L45ER11M	6	45	25	16	-	1÷7	812-203012	ER11M
214-35102	D8L55ER8M	8	55	24	12	-	1÷5	812-203011	ER8M
214-35108	D8L80ER8M	8	80	24	12	-	1÷5	812-203011	ER8M
214-35714	D8L100ER8M	8	100	24	12	-	1÷5	812-203011	ER8M
214-35715	D8L130ER8M	8	130	24	12	-	1÷5	812-203011	ER8M
214-35109	D8L55ER11M	8	55	25	16	-	1÷7	812-203012	ER11M
264-35116	D8L100ER11M	8	100	25	16	-	1÷7	812-203012	ER11M
214-35716	D8L55ER16M	8	55	37	22	-	1÷10	812-203013	ER16M
264-35117	D10L55ER8M	10	55	24	12	5	1÷5	812-203011	ER8M
214-35718	D10L80ER8M	10	80	24	12	5	1÷5	812-203011	ER8M
264-35118	D10L100ER8M	10	100	24	12	5	1÷5	812-203011	ER8M
214-35719	D10L130ER8M	10	130	24	12	5	1÷5	812-203011	ER8M
214-35110	D10L55ER11M	10	55	25	16	5	1÷7	812-203012	ER11M
214-35720	D10L80ER11M	10	80	25	16	5	1÷7	812-203012	ER11M
264-35119	D10L100ER11M	10	100	25	16	5	1÷7	812-203012	ER11M
214-35721	D10L130ER11M	10	130	25	16	5	1÷7	812-203012	ER11M
214-35113	D10L60ER16M	10	60	37	22	5	1÷10	812-203013	ER16M
264-35120	D10L100ER16M	10	100	37	22	5	1÷10	812-203013	ER16M
214-35723	D12L55ER8M	12	55	15	12	5	1÷5	812-203011	ER8M
214-35724	D12L70ER8M	12	70	15	12	5	1÷5	812-203011	ER8M
214-35140	D12L100ER8M	12	100	15	12	5	1÷5	812-203011	ER8M
264-35121	D12L140ER8M	12	140	15	12	5	1÷5	812-203011	ER8M
264-35122	D12L55ER11M	12	55	25	16	7	1÷7	812-203012	ER11M
214-35141	D12L70ER11M	12	70	25	16	7	1÷7	812-203012	ER11M
214-35142	D12L100ER11M	12	100	25	16	7	1÷7	812-203012	ER11M
214-35143	D12L140ER11M	12	140	25	16	7	1÷7	812-203012	ER11M
264-35123	D12L55ER16M	12	55	37	22	7	1÷10	812-203013	ER16M
214-35114	D12L80ER16M	12	80	37	22	7	1÷10	812-203013	ER16M
264-35124	D12L120ER16M	12	120	37	22	7	1÷10	812-203013	ER16M
264-35126	D16L40ER11M	16	40	22	16	7	1÷7	812-203012	ER11M
214-35725	D16L60ER11M	16	60	22	16	7	1÷7	812-203012	ER11M
264-35127	D16L80ER11M	16	80	22	16	7	1÷7	812-203012	ER11M
264-35128	D16L100ER11M	16	100	22	16	7	1÷7	812-203012	ER11M
264-35129	D16L130ER11M	16	130	22	16	7	1÷7	812-203012	ER11M
264-35130	D16L160ER11M	16	160	22	16	7	1÷7	812-203012	ER11M
214-35726	D16L200ER11M	16	200	22	16	7	1÷7	812-203012	ER11M
264-35131	D16L35ER16M	16	35	37	22	7	1÷10	812-203013	ER16M
264-35132	D16L60ER16M	16	60	37	22	7	1÷10	812-203013	ER16M
214-35115	D16L80ER16M	16	80	37	22	7	1÷10	812-203013	ER16M
214-35145	D16L100ER16M	16	100	37	22	7	1÷10	812-203013	ER16M
214-35146	D16L130ER16M	16	130	37	22	7	1÷10	812-203013	ER16M
214-35147	D16L160ER16M	16	160	37	22	7	1÷10	812-203013	ER16M
214-35727	D16L200ER16M	16	200	37	22	7	1÷10	812-203013	ER16M
264-35133	D16L55ER20M	16	55	40	28	9	1÷13	812-203014	ER20M
214-35148	D16L100ER20M	16	100	40	28	9	1÷13	812-203014	ER20M
264-35135	D16L160ER20M	16	160	40	28	9	1÷13	812-203014	ER20M

D5÷D16 Shank without flat • Stelo senza piano • Zylinderschaft • Queue cylindrique • Хвостовик без лыски • 柄不带平面

CYLINDRICAL COLLET CHUCKS WITH MINI NUT
SPANNFUTTER MIT ZYLINDERSCHAFT MIT MINI SPANNMUTTER
ЦАНГОВЫЕ ПАТРОНЫ С ЦИЛИНДРИЧЕСКИМ ХВОСТОВИКОМ С МИНИ-ГАЙКОЙ
PORTAPINZA GAMBO CILINDRICO CON GHIERA MINI
PORTE PINCES QUEUE CYLINDRIQUE AVEC ECROU MINI
带微型螺母的圆柱式弹簧夹头

DIN6499/ISO15488





CODE N.	DESCRIPTION	Dh6	L	H	B	C	CLAMPLING CAPACITY	NUT	DESCRIPTION
264-35136	D20L50ER11M	20	50	22	16	7	1÷7	812-203012	ER11M
264-35137	D20L100ER11M	20	100	22	16	7	1÷7	812-203012	ER11M
214-35736	D20L130ER11M	20	130	22	16	7	1÷7	812-203012	ER11M
214-35737	D20L160ER11M	20	160	22	16	7	1÷7	812-203012	ER11M
214-35738	D20L200ER11M	20	200	22	16	7	1÷7	812-203012	ER11M
214-35149	D20L60ER16M	20	60	30	22	11	1÷10	812-203013	ER16M
214-35150	D20L100ER16M	20	100	30	22	11	1÷10	812-203013	ER16M
264-35138	D20L130ER16M	20	130	30	22	11	1÷10	812-203013	ER16M
214-35151	D20L160ER16M	20	160	30	22	11	1÷10	812-203013	ER16M
264-35139	D20L200ER16M	20	200	30	22	11	1÷10	812-203013	ER16M
214-35739	D20L250ER16M	20	250	30	22	11	1÷10	812-203013	ER16M
264-35140	D20L46ER20M	20	46	37	28	11	1÷13	812-203014	ER20M
214-35152	D20L60ER20M	20	60	37	28	11	1÷13	812-203014	ER20M
214-35111	D20L100ER20M	20	100	37	28	11	1÷13	812-203014	ER20M
214-35153	D20L130ER20M	20	130	37	28	11	1÷13	812-203014	ER20M
214-35154	D20L160ER20M	20	160	37	28	11	1÷13	812-203014	ER20M
264-35141	D20L200ER20M	20	200	37	28	11	1÷13	812-203014	ER20M
214-35740	D20L250ER20M	20	250	37	28	11	1÷13	812-203014	ER20M
214-35155	D20L60ER25M	20	60	46	35	11	1÷16	812-203015	ER25M
214-35116	D20L100ER25M	20	100	46	35	11	1÷16	812-203015	ER25M
214-35156	D20L130ER25M	20	130	46	35	11	1÷16	812-203015	ER25M
214-35741	D20L160ER25M	20	160	46	35	11	1÷16	812-203015	ER25M
214-35742	D22L80ER16M	22	80	27	22	11	1÷10	812-203013	ER16M
214-35743	D22L80ER20M	22	80	30	28	11	1÷13	812-203014	ER20M
264-35144	D25L60ER16M	25	60	27	22	11	1÷10	812-203013	ER16M
214-35157	D25L100ER16M	25	100	27	22	11	1÷10	812-203013	ER16M
264-35146	D25L160ER16M	25	160	27	22	11	1÷10	812-203013	ER16M
214-35746	D25L200ER16M	25	200	27	22	11	1÷10	812-203013	ER16M
214-35158	D25L60ER20M	25	60	28	28	13	1÷13	812-203014	ER20M
214-35159	D25L100ER20M	25	100	28	28	13	1÷13	812-203014	ER20M
264-35147	D25L130ER20M	25	130	28	28	13	1÷13	812-203014	ER20M
214-35160	D25L160ER20M	25	160	28	28	13	1÷13	812-203014	ER20M
214-35747	D25L200ER20M	25	200	28	28	13	1÷13	812-203014	ER20M
264-35148	D25L50ER25M	25	50	32	35	13	1÷16	812-203015	ER25M
214-35161	D25L70ER25M	25	70	32	35	13	1÷16	812-203015	ER25M
264-35149	D25L100ER25M	25	100	32	35	13	1÷16	812-203015	ER25M
214-35162	D25L130ER25M	25	130	32	35	13	1÷16	812-203015	ER25M
264-35150	D25L160ER25M	25	160	32	35	13	1÷16	812-203015	ER25M
214-35748	D25L200ER25M	25	200	32	35	13	1÷16	812-203015	ER25M
264-35151	D32L90ER16M	32	90	30	22	11	1÷10	812-203013	ER16M
214-35163	D32L90ER20M	32	90	27	28	13	1÷13	812-203014	ER20M

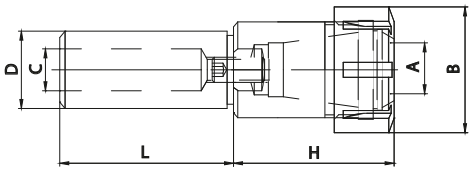
D19,05÷D32 Shank with flat • Stelo con piano • Zylinderschaft mit Fläche • Queue cylindrique avec plat • Хвостовик с лыской • 柄带平面

CYLINDRICAL COLLET CHUCKS WITH STANDARD NUT
SPANNFUTTER MIT ZYLINDERSCHAFT MIT STANDARD SPANNMUTTER
ЦАНГОВЫЕ ПАТРОНЫ С ЦИЛИНДРИЧЕСКИМ ХВОСТОВИКОМ СО СТАНДАРТНОЙ ГАЙКОЙ

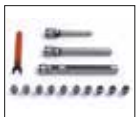
PORTAPINZA GAMBO CILINDRICO CON GHIERA STANDARD
PORTE PINCES QUEUE CYLINDRIQUE AVEC ECROU STANDARD
带标准螺母的圆柱式弹簧夹头

DIN6499/ISO15488





CODE N.	DESCRIPTION	Dh6	L	H	B	C	CLAMPLING CAPACITY	NUT	DESCRIPTION
214-35759	D16L130ER16	16	130	36	32	7	1÷10	812-203005	ER16
264-35155	D16L70ER25	16	70	46	42	9	1÷16	812-203001	ER25
264-35156	D20L50ER16	20	50	31	32	11	1÷10	812-203005	ER16
214-35127	D20L100ER16	20	100	31	32	11	1÷10	812-203005	ER16
214-35770	D20L130ER16	20	130	31	32	11	1÷10	812-203005	ER16
264-35158	D20L46ER20	20	46	36	35	11	1÷13	812-203006	ER20
264-35159	D20L60ER20	20	60	36	35	11	1÷13	812-203006	ER20
264-35160	D20L100ER20	20	100	36	35	11	1÷13	812-203006	ER20
214-35119	D20L50ER25	20	50	46	42	11	1÷16	812-203001	ER25
214-35128	D20L100ER25	20	100	46	42	11	1÷16	812-203001	ER25
264-35162	D20L160ER25	20	160	46	42	11	1÷16	812-203001	ER25
264-35163	D20L50ER32	20	50	54	50	13	2÷20	812-203002	ER32
214-35129	D20L100ER32	20	100	54	50	13	2÷20	812-203002	ER32
214-35775	D25L60ER16	25	60	27	32	11	1÷10	812-203005	ER16
264-35171	D25L60ER20	25	60	28	35	13	1÷13	812-203006	ER20
214-35120	D25L50ER25	25	50	32	42	13	1÷16	812-203001	ER25
214-35782	D25L70ER25	25	70	32	42	13	1÷16	812-203001	ER25
214-35130	D25L100ER25	25	100	32	42	13	1÷16	812-203001	ER25
264-35174	D25L160ER25	25	160	32	42	13	1÷16	812-203001	ER25



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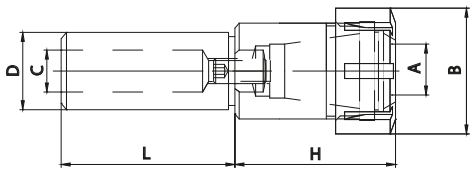
D14÷D16 Shank without flat • Stelo senza piano • Zylinderschaft • Queue cylindrique • Хвостовик без лыски • 柄不带平面
D19,05÷D25 Shank with flat • Stelo con piano • Zylinderschaft mit Fläche • Queue cylindrique avec plat • Хвостовик с лыской • 柄带平面

CYLINDRICAL COLLET CHUCKS WITH STANDARD NUT
SPANNFUTTER MIT ZYLINDERSCHAFT UND STANDARD SPANNMUTTER
ЦАНГОВЫЕ ПАТРОНЫ С ЦИЛИНДРИЧЕСКИМ ХВОСТОВИКОМ СО СТАНДАРТНОЙ ГАЙКОЙ

PORTAPINZA GAMBO CILINDRICO CON GHIERA STANDARD
PORTE PINCES QUEUE CYLINDRIQUE AVEC ECROU STANDARD
带标准螺母的圆柱式弹簧夹头

DIN6499/ISO15488





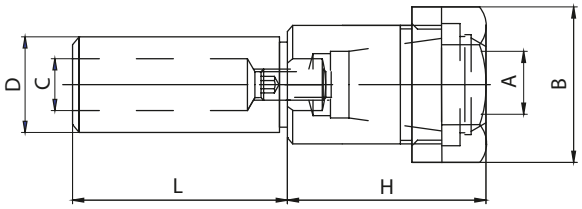
CODE N.	DESCRIPTION	Dh6	L	H	B	C	CLAMPLING CAPACITY	NUT	DESCRIPTION
264-35175	D25L50ER32	25	50	54	50	13	2÷20	812-203002	ER32
264-35176	D25L70ER32	25	70	54	50	13	2÷20	812-203002	ER32
214-35131	D25L100ER32	25	100	54	50	13	2÷20	812-203002	ER32
264-35177	D25L130ER32	25	130	54	50	13	2÷20	812-203002	ER32
214-35132	D32L70ER25	32	70	28	42	19	1÷16	812-203001	ER25
264-35743	D32L100ER25	32	100	28	42	19	1÷16	812-203001	ER25
264-35185	D32L50ER32	32	50	38	50	23	2÷20	812-203002	ER32
214-35117	D32L70ER32	32	70	38	50	23	2÷20	812-203002	ER32
264-35186	D32L100ER32	32	100	38	50	23	2÷20	812-203002	ER32
214-35133	D32L120ER32	32	120	38	50	23	2÷20	812-203002	ER32
214-35134	D32L150ER32	32	150	38	50	23	2÷20	812-203002	ER32
264-35188	D32L70ER40	32	70	60	63	23	3÷30	812-203003	ER40
264-35189	D40L70ER25	40	70	42	42	19	1÷16	812-203001	ER25
214-35136	D40L70ER32	40	70	30	50	23	2÷20	812-203002	ER32
264-35748	D40L100ER32	40	100	30	50	23	2÷20	812-203002	ER32
214-35137	D40L130ER32	40	130	30	50	23	2÷20	812-203002	ER32
214-35138	D40L80ER40	40	80	60	63	28	3÷30	812-203003	ER40
264-35191	D40L130ER40	40	130	60	63	28	3÷30	812-203003	ER40
264-35192	D50L125ER32	50	125	32	50	23	2÷20	812-203002	ER32
264-35193	D50L160ER32	50	160	32	50	23	2÷20	812-203002	ER32
264-35752	D50L125ER40	50	125	37	63	28	3÷30	812-203003	ER40

D25÷D60 Shank with flat • Stelo con piano • Zylinderschaft mit Fläche • Queue cylindrique avec plat • Хвостовик с лыской • 柄不带平面

CYLINDRICAL COLLET CHUCKS WITH HEXAGONAL NUT
SPANNFUTTER MIT ZYLINDERSCHAFT MIT SECHSKANT MUTTER
ЦАНГОВЫЕ ПАТРОНЫ С ЦИЛИНДРИЧЕСКИМ ХВОСТОВИКОМ С ШЕСТИГРАННОЙ ГАЙКОЙ
PORTAPINZA GAMBO CILINDRICO CON GHIERA ESAGONALE
PORTE PINCES QUEUE CYLINDRIQUE AVEC ECROU EXAGONAL
带六角螺母的圆柱式弹簧夹头

DIN6499/ISO15488





CODE N.	DESCRIPTION	Dh6	L	H	B	C	CLAMPLING CAPACITY	NUT	DESCRIPTION
214-35784	D16L60ER16E	16	60	36	28	7	1÷10	812-203009	ER16
214-35795	D20L50ER16E	20	50	31	28	11	1÷10	812-203009	ER16
214-35796	D20L100ER16E	20	100	31	28	11	1÷10	812-203009	ER16
264-35714	D25L60ER20E	25	60	28	34	13	1÷13	812-203010	ER20

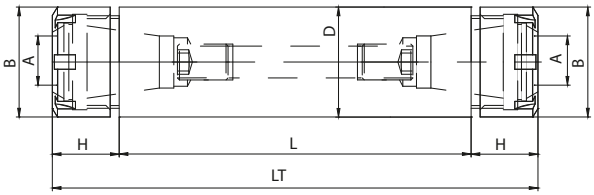
D14÷D16 Shank without flat • Stelo senza piano • Zylinderschaft • Queue cylindrique • Хвостовик без лыски • 柄不带平面
D19,05÷D32 Shank with flat • Stelo con piano • Zylinderschaft mit Fläche • Queue cylindrique avec plat • Хвостовик с лыской • 柄带平面

06

CYLINDRICAL DOUBLE COLLET CHUCKS WITH MINI NUT
SPANNFUTTER MIT ZYLINDERSCHAFT MIT MINI SPANNMUTTER
ДВУСТОРОННИЕ ЦАНГОВЫЕ ПАТРОНЫ С МИНИ-ГАЙКОЙ
PORTAPINZA DOPPI GAMBO CILINDRICO CON GHIERA MINI
PORTE PINCES QUEUE CYLINDRIQUE AVEC ECROU MINI
带微型螺母的圆柱式双弹簧夹头

DIN6499/ISO15488



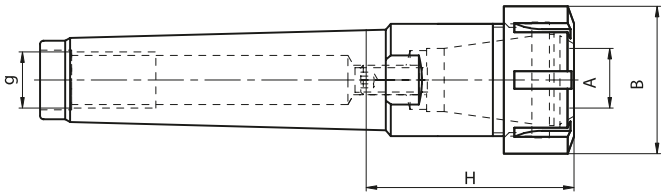


CODE N.	DESCRIPTION	Dh6	L	H	LT	B	CLAMPLING CAPACITY	NUT	DESCRIPTION
214-35703	D20L37ER16MD	20	37	21,5	80	22	1÷10	812-203013	ER16M
214-35704	D20L57ER16MD	20	57	21,5	100	22	1÷10	812-203013	ER16M
214-35705	D20L67ER16MD	20	67	21,5	110	22	1÷10	812-203013	ER16M
214-35711	D25L47ER16MD	25	47	21,5	90	22	1÷10	812-203013	ER16M
214-35713	D25L82ER20MD	25	82	24	130	28	1÷13	812-203014	ER20M
264-35758	D32L82ER20MD	32	82	24	130	28	1÷13	812-203014	ER20M

COLLET CHUCKS WITH MORSE TAPER
SPANNZANGENAUFNAHME MIT MORSEKEGEL UND ANZUGSGEWINDE
ЦАНГОВЫЕ ПАТРОНЫ С КОНУСОМ МОРЗЕ
PORTAPINZA CON ATTACCO CONO MORSE
PORTE-OUTIL POUR SERRAGE PAR PINCE MK
莫氏锥度弹簧夹头

DIN 228-A - DIN6499/ISO15488



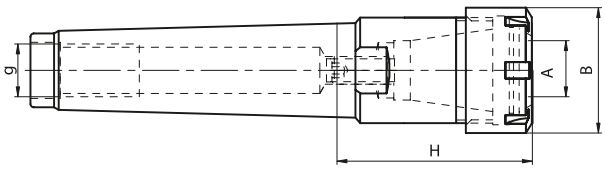


CODE N.	DESCRIPTION	MK MORSE	H	g	B	CLAMPLING CAPACITY	NUT	DESCRIPTION
214-33103	CM2H42ER16	2	42	M10	32	0,5÷10	812-203005	ER16
214-33104	CM2H50ER20	2	50	M10	35	0,5÷13	812-203006	ER20
214-33106	CM3H53ER25	3	53	M12	42	0,5÷16	812-203001	ER25
214-33107	CM3H70ER32	3	70	M12	50	2÷20	812-203002	ER32
214-33109	CM4H60ER32	4	60	M16	50	2÷20	812-203002	ER32
214-33110	CM4H81ER40	4	81	M16	63	3÷30	812-203003	ER40

COLLET CHUCKS WITH MORSE TAPER, WITH MINI NUT
SPANNZANGENAUFNAHME MIT MORSEKEGEL, ANZUGSGEWINDE UND MINI MUTTER
ЦАНГОВЫЕ ПАТРОНЫ С КОНУСОМ МОРЗЕ С МИНИ-ГАЙКОЙ
PORTAPINZA CON ATTACCO CONO MORSE, CON GHIERA MINI
PORTE-OUTIL POUR SERRAGE PAR PINCE MK, AVEC ECROU MINI
带微型螺母的莫氏锥度弹簧夹头

DIN 228-A - DIN6499/ISO15488





CODE N.	DESCRIPTION	MK MORSE	H	g	B	CLAMPLING CAPACITY	NUT	DESCRIPTION
214-33119	CM1H25ER11M	1	25	M6	16	0,5÷7	812-203012	ER11M
214-33120	CM1H40ER16M	1	40	M6	22	0,5÷10	812-203013	ER16M
214-33121	CM2H42ER16M	2	42	M10	22	0,5÷10	812-203013	ER16M
214-33122	CM2H50ER20M	2	50	M10	28	0,5÷13	812-203014	ER20M
214-33123	CM2H54ER25M	2	54	M10	35	0,5÷16	812-203015	ER25M
214-33124	CM3H43ER16M	3	43	M12	22	0.5÷10	812-203013	ER16M
214-33125	CM3H47ER20M	3	47	M12	28	0.5÷13	812-203014	ER20M
214-33126	CM3H58ER25M	3	58	M12	35	0.5÷16	812-203015	ER25M

COLLET CHUCK DIN 6327 PORTAPINZE ATTACCO DIN 6327 SPANNZANGENFUTTER DIN 6327 MANDRIN A PINCES DIN 6327 ЦАНГОВЫЕ ПАТРОНЫ ПО DIN 6327 DIN 6327 弹簧夹头

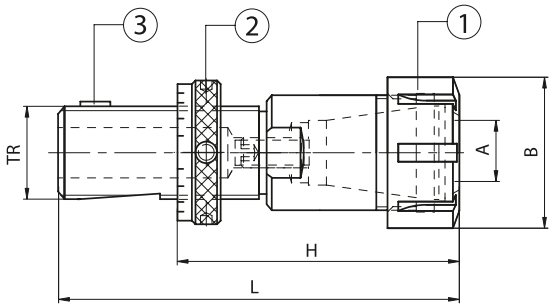
DIN 6327 - DIN6499/ISO15488



CODE N.	DESCRIPTION	TR	H min.	L	B	CLAMPLING CAPACITY	TYPE
214-34307	TR28X2L140ER25	28x2	61	140	42	0,5÷16	ER25
214-34308	TR28X2L147ER32	28x2	68	147	50	2÷20	ER32
214-34310	TR36X2L165ER32	36x2	65	165	50	2÷20	ER32

Spare parts • Componenti • Ersatzteile • Pièces détachées
Запасные части • 零件

CODE N.	NUT ❶	NUT ❷	TENON ❸
214-34302	812-203005	812-204030	814-20279
214-34303	812-203005	812-204040	814-20279
214-34306	812-203006	812-204010	814-20281
214-34307	812-203001	812-204010	814-20281
214-34308	812-203002	812-204010	814-20282
214-34310	812-203002	812-204020	814-20283
214-34311	812-203003	812-204020	814-20283



06

COMBI-SHELL MILL ADAPTORS WITH MORSE TAPER PORTAFRESE COMBINATI CON ATTACCO CONO MORSE KOMBI-AUFSTECKFRÄSDORNE MIT MORSEKEGEL MANDRINS PORTE-FRAISES A DOUBLE USAGE MK КОМБИНИРОВАННЫЕ ОПРАВКИ ДЛЯ НАСАДНЫХ ФРЕЗ С КОНУСОМ МОРЗЕ 复合式平面铣刀弹簧夹头

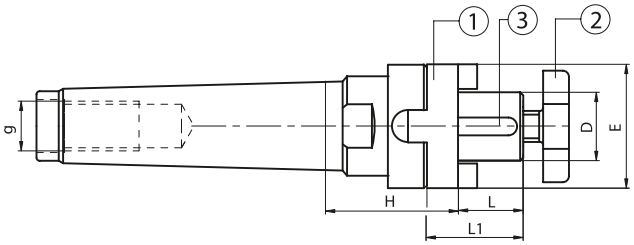
DIN 228-A - DIN 6358



CODE N.	DESCRIPTION	MK MORSE	D	H	L1	L	E	g
216-13118	CM2H37D16C	2	16	37	27	17	32	M10
216-13119	CM2H42D22C	2	22	42	31	19	40	M10
216-13120	CM3H37D16C	3	16	37	27	17	32	M12
216-13121	CM3H42D22C	3	22	42	31	19	40	M12
216-13124	CM4H55D16C	4	16	55	27	17	32	M16
216-13125	CM4H55D22C	4	22	55	31	19	40	M16
216-13126	CM4H55D27C	4	27	55	33	21	48	M16

Spare parts • Componenti • Ersatzteile • Pièces détachées
Запасные части • 零件

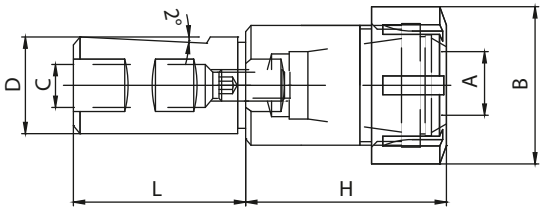
D	RING ❶	SCREW ❷	KEY ❸	WRENCH
16	814-30001	811-107003	814-201010	816-130002
22	814-30002	811-107004	814-201020	816-130003
27	814-30003	811-107005	814-201030	816-130004
32	814-30004	811-107006	814-201040	816-130005
40	814-30005	811-107007	814-201050	816-130006



WELDON COLLET CHUCKS WITH STANDARD NUT
SPANNFUTTER MIT ZYLINDERSCHAFT MIT STANDARD SPANNMUTTER
ЦАНГОВЫЕ ПАТРОНЫ С ХВОСТОВИКОМ WELDON СО СТАНДАРТНОЙ ГАЙКОЙ
PORTAPINZA GAMBO WELDON CON GHIERA STANDARD
PORTE PINCES QUEUE WELDON AVEC ECROU STANDARD
带标准螺母的威尔登式弹簧夹头

DIN6499/ISO15488



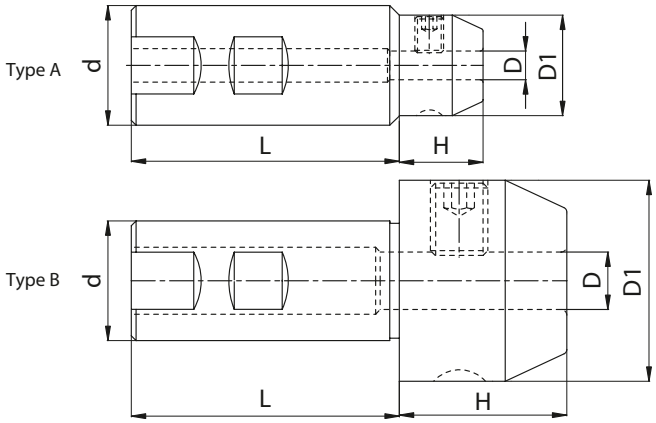


CODE N.	DESCRIPTION	Dh6	L	H	B	C	CLAMPLING CAPACITY	NUT	DESCRIPTION
214-35216	WE25H55ER32	25	56	55	50	13	2÷20	812-203002	ER32
214-35217	WE25H100ER32	25	56	100	50	13	2÷20	812-203002	ER32
214-35218	WE32H55ER32	32	60	55	50	23	2÷20	812-203002	ER32

WELDON REDUCTION SLEEVES
WELDON REDUZIERHÜLSEN
ПЕРЕХОДНИКИ WELDON НА УМЕНЬШЕНИЕ
BUSSOLE DI RIDUZIONE WELDON
DOUILLES DE REDUCTION WELDON
威尔登式铣刀套

DIN 1835 B



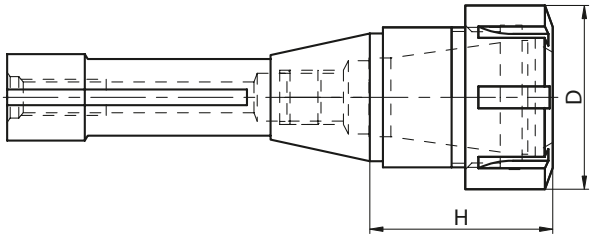


CODE N.	DESCRIPTION	d	D	H	L	DI	TYPE
213-15203	WE20H30WE06	20	6	30	50	25	B
213-15204	WE20H30WE08	20	8	30	50	28	B
213-15205	WE20H30WE10	20	10	30	50	35	B
213-15206	WE20H35WE12	20	12	35	50	42	B
213-15208	WE20H60WE16	20	16	60	50	48	B
213-15209	WE25H25WE06	25	6	25	56	25	A
213-15210	WE25H30WE08	25	8	30	56	28	B
213-15211	WE25H30WE10	25	10	30	56	35	B
213-15212	WE25H35WE12	25	12	35	56	42	B
213-15214	WE25H40WE16	25	16	40	56	48	B
213-15216	WE32H30WE08	32	8	30	60	28	A
213-15217	WE32H30WE10	32	10	30	60	35	B
213-15218	WE32H35WE12	32	12	35	60	42	B
213-15220	WE32H40WE16	32	16	40	60	48	B
213-15222	WE32H40WE20	32	20	40	60	52	B
213-15223	WE32H65WE25	32	25	65	60	65	B

COLLET CHUCK BRIDGEPORT R8 | PORTAPINZE ATTACCO BRIDGEPORT R8
SPANNZANGENFUTTER BRIDGEPORT R8 | MANDRINS A PINCES BRIDGEPORT R8
ЦАНГОВЫЕ ПАТРОНЫ БРИДЖПОРТ R8 | R8 弹簧夹头桥路端口

DIN 1835 B - DIN6499/ISO15488



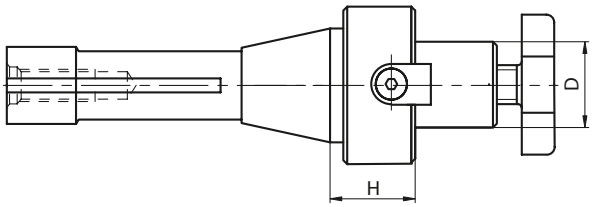


CODE N.	DESCRIPTION	H	D	CLAMPLING CAPACITY	TYPE	NUT
214-36401	R8H40ER32	40	50	2÷20	ER32	812-203002
214-36402	R8H73ER40	73	63	3÷30	ER40	812-203003

MILL HOLDERS-TENONS DRIVE BRIDGEPORT R8 | PORTAFRESE A TRASCINAMENTO FISSO BRIDGEPORT R8
AUFSTECKFRÄSDORNE FÜR FRÄSER MIT QUERNUT BRIDGEPORT R8 | PORTE-FRAISE-ENTRAINEMENT PAR TENONS BRIDGEPORT R8
ОПРАВКИ БРИДЖПОРТ R8 ДЛЯ НАСАДНЫХ ФРЕЗ | R8 铣刀夹具 – 凸榫驱动桥路端口

DIN 1835 B - ISO 3937





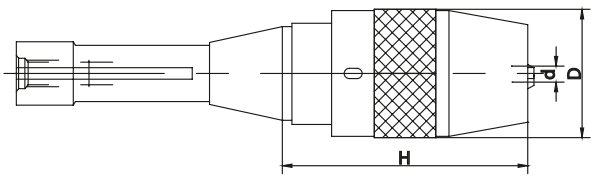
CODE N.	DESCRIPTION	D	H
216-76401	R8H19D16F	16	19
216-76402	R8H23D22F	22	23
216-76403	R8H23D27F	27	23
216-76404	R8H24D32F	32	24

Spare parts • Componenti • Ersatzteile • Pièces détachées
Запасные части • 零件

MONOLITHIC DRILL CHUCKS - RIGHT SPIN | MANDRINI AUTOSERRANTI INTEGRALI – ROTAZIONE DESTRA
PRÄZISIONSBOHRFUTTER - RECHTSLAUF | MANDRINS DE PERCAGE – ROTATION DROITE
СВЕРЛИЛЬНЫЕ ПАТРОНЫ. ВРАЩЕНИЕ ПО ЧАСОВОЙ СТРЕЛКЕ. | 合成钻夹头-右旋转

BRIDGEPORT R8





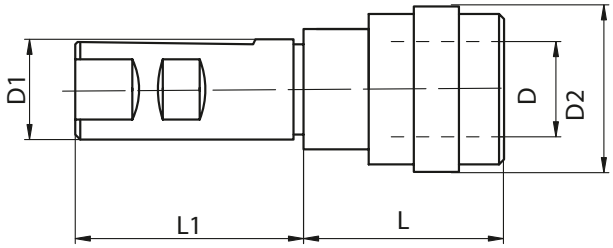
RUNOUT ACCURACY 0.05 MM
PRECISIONE DI ROTAZIONE 0.05 MM
PRECISION DE ROTATION 0.05 MM
RUNDLAUFGENAUIGKEIT 0.05 MM
БИЕНИЕ 0.05 MM
跳动精度0.05MM

CODE N.	DESCRIPTION	H	D	CLAMPLING CAPACITY	TYPE
252-16401	R8H81R1-13	81	50	1-13	816-111024

CYLINDRICAL TAP CHUCKS
GEWINDESCHNEID-SCHNELLWECHSELFUTTER MIT LANGENAUSGLEICH MIT ZYLINDERSCHAFT
РЕЗЬБОНАРЕЗНЫЕ ПАТРОНЫ С ЦИЛИНДРИЧЕСКИМ ХВОСТОВИКОМ
MASCHIATORE A DOPPIA COMPENSAZIONE CON CODOLO CILINDRICO
MANDRIN DE TARAUDAGE AVEC QUEUE CYLINDRIQUE
筒式丝锥夹头

BRIDGEPORT R8 - DIN 1835 B+E



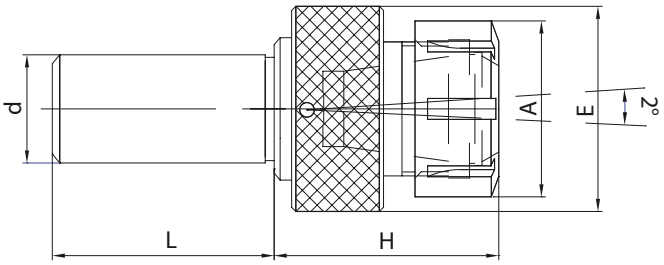


CODE N.	DESCRIPTION	D1	SIZE	TOP RANGE	D	D2	L	L1	COMP	EXT
M401020	M3-M12CIL.D20GR1	20	1	M3÷M12	19	38	41	50	9	9
M401025	M3-M12CIL.D25GR1	25	1	M3÷M12	19	38	41	56	9	9
M401032	M3-M12CIL.D32GR1	32	1	M3÷M12	19	38	41	61	9	9
M401040	M3-M12CIL.D40GR1	40	1	M3÷M12	19	38	41	72	9	9
* M402020	M6-M20CIL.D20GR2	20	2	M6÷M20	31	55	63	75	15	15
M402025	M6-M20CIL.D25GR2	25	2	M6÷M20	31	55	63	56	15	15
M402032	M6-M20CIL.D32GR2	32	2	M6÷M20	31	55	63	61	15	15
M402040	M6-M20CIL.D40GR2	40	2	M6÷M20	31	55	63	72	15	15
M403032	M14-M33CIL.D32GR3	32	3	M14÷M33	48	79	109	61	24	24
M403040	M14-M33CIL.D40GR3	40	3	M14÷M33	48	79	98	72	24	24

* NOT AS STANDAR DIN 1835 B+E - NON A NORMA DIN 1835 B+E

FLOATING TOOLHOLDERS FOR RD/ER COLLETS
PENDELHALTER
ПЛАВАЮЩИЕ ПАТРОНЫ ДЛЯ RD/ER ЦАНГ
PORTA ALESATORI OSCILLANTE
PORTE-OUTILS FLOTTANTS A PINCES RD/ER
RD/ER 弹簧夹头筒夹浮动刀柄

BRIDGEPORT R8

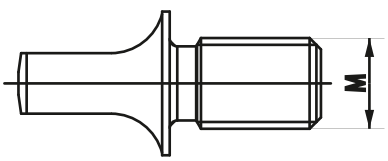




CODE N.	D	L	H	D1	ER	E
832-021184	16	46	40	2-7	ER11	40
832-021185	25	46	48	2-13	ER20	40
832-021186	25	46	50	2-16	ER25	61
832-021187	25	50	58	3-20	ER32	61

TENONS
MK AUFNAHMESCHAFT
ШПИЛЬКИ
TENONI
TONQUES
凸榫



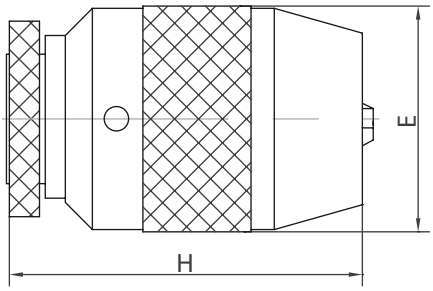


TYPE	M
TENONE CM1	M6
TENONE CM2	M10
TENONE CM3	M12
TENONE CM4	M16
TENONE CM5	M20

KEYLESS DRILL CHUCKS
SCHNELLSPANNBOHRFUTTER
САМОЗАЖИМНЫЕ СВЕРЛИЛЬНЫЕ ПАТРОНЫ

MANDRINI AUTOSERRANTI
MANDRINS PORTE-FORET A SERRAGE RAPIDE
自紧式钻夹头

BRIDGEPORT R8





CODE N.	TYPE	CLAMPING CAPACITY	H	E	WRENCH	JAWS
252-16608	B16-DC13	0 – 13	90	51	816-111024	832-012017
252-16609	B16-DC16	3 – 16	94	57	816-111025	832-012019
252-16610	B18-DC16	3 – 16	94	57	816-111025	832-012019

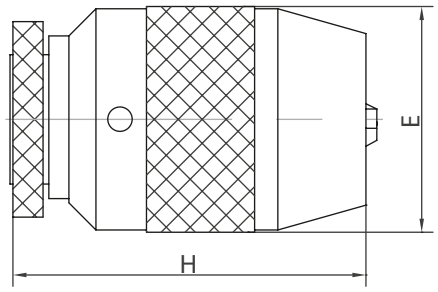
RUNOUT ACCURACY 0.07 MM
PRECISIONE DI ROTAZIONE 0.07 MM
RUNDLAUFGENAUIGKEIT 0.07 MM
PRECISION DE ROTATION 0.07 MM
БИЕНИЕ 0.07 MM
跳动精度0.07MM

06

KEYLESS PRECISION DRILL CHUCKS
PRAZISIONS SCHNELLSPANNBOHRFUTTER
САМОЗАЖИМНЫЕ ПРЕЦИЗИОННЫЕ СВЕРЛИЛЬНЫЕ ПАТРОНЫ

MANDRINI AUTOSERRANTI DI ALTA PRECISIONE
MANDRINS PORTE-FORET A SERRAGE RAPIDE
自紧式精密钻夹头

BRIDGEPORT R8



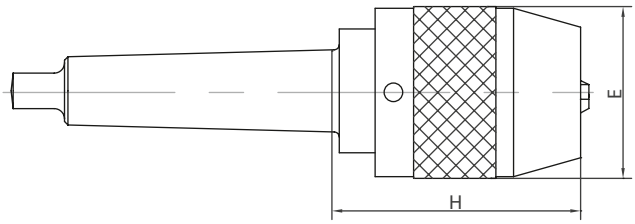


CODE N.	TYPE	CLAMPING CAPACITY	H	E	WRENCH	JAWS
252-16617	B16-DC13 Precision	0 – 13	90	51	816-111024	832-012020
252-16618	B16-DC16 Precision	3 – 16	95	57	816-111025	832-012021
252-16619	B18-DC16 Precision	3 – 16	95	57	816-111025	832-012021

RUNOUT ACCURACY ≤0.05 MM
PRECISIONE DI ROTAZIONE ≤0.05 MM
RUNDLAUFGENAUIGKEIT ≤0.05 MM
PRECISION DE ROTATION ≤0.05 MM
БИЕНИЕ ≤0.05 MM
跳动精度不大于0.05MM

MONOLITHIC DRILL CHUCKS - RIGHT SPIN
PRÄZISIONSBOHRFUTTER - RECHTSLAUF
ПРЕЦИЗИОННЫЕ СВЕРЛИЛЬНЫЕ ПАТРОНЫ - ВРАЩЕНИЕ ВПРАВО
MANDRINI AUTOSERRANTI INTEGRALI - ROTAZIONE DESTRA
MANDRINS DE PERCAGE - ROTATION DROITE
整体式钻夹头-右旋

DIN 228-B



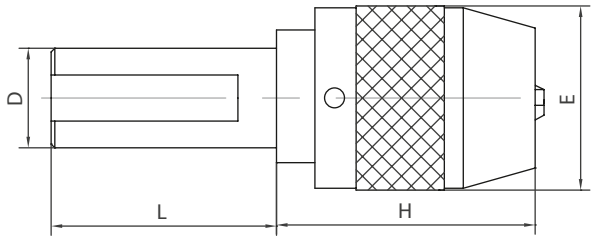


CODE N.	TYPE	CLAMPING CAPACITY	H	E	WRENCH
252-13301	CM2-DC13	1 – 13	86	50	816-111024
252-13302	CM3-DC13	1 – 13	86	50	816-111024
252-13303	CM3-DC16	3 – 16	90	57	816-111025
252-13304	CM4-DC13	1 – 13	87	50	816-111024
252-13305	CM4-DC16	3 – 16	91	57	816-111025

RUNOUT ACCURACY 0.05 MM
PRECISIONE DI ROTAZIONE 0.05 MM
RUNDLAUFGENAUIGKEIT 0.05 MM
PRECISION DE ROTATION 0.05 MM
БИЕНИЕ 0.05 MM
跳动精度不大于0.05MM

06

STRAIGHT SHANK MONOLITHIC DRILL CHUCKS - RIGHT SPIN
SCHNELLSPANNBOHRFUTTER MIT ZYLINDERSCHAFT - RECHTSLAUF
СВЕРЛИЛЬНЫЕ ПАТРОНЫ С ЦИЛИНДРИЧЕСКИМ ХВОСТОВИКОМ ВРАЩЕНИЕ ВПРАВО
MANDRINI AUTOSERRANTI INTEGRALI CON ATTACCO CILINDRICO - ROTAZIONE DESTRA
MANDRINS DE PERCAGE AVEC QUEUE CYLINRIQUE - ROTATION DROITE
整体式钻夹头-右旋

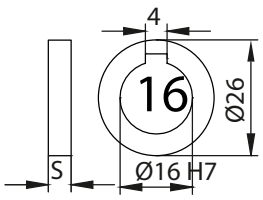




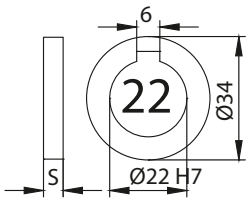
CODE N.	TYPE	CLAMPING CAPACITY	H	E	L	WRENCH
252-15701	D20-DC13	1 – 13	81	50	60	816-152001
252-15702	D25-DC13	1 – 13	81	50	80	816-152001
252-15703	D32-DC13	1 – 13	81	50	60	816-152001
252-15705	D40-DC13	1 – 13	81	50	70	816-152001
252-15706	D40-DC16	3 – 16	85	57	70	816-152001

RUNOUT ACCURACY 0.05 MM
PRECISIONE DI ROTAZIONE 0.05 MM
RUNDLAUFGENAUIGKEIT 0.05 MM
PRECISION DE ROTATION 0.05 MM
БИЕНИЕ 0.05 MM
跳动精度不大于0.05MM

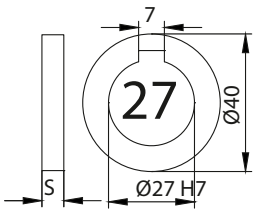
SPACING COLLARS FOR COMBI-SHELL MILL HOLDERS
FRASDORNRINGE FÜR KOMBI AUFSTECKFRASDORNE
КОЛЬЦА К КОМБИНИРОВАННЫМ ОПРАВКАМ ДЛЯ НАСАДНЫХ ФРЕЗ
ANELLI DISTANZIATORI PER MANDRINI PORTAFRESE COMBINATI
BAGUES D'ESPACEMENT POUR PORTE FRAISES COMBINES
复合式平面铣刀杆间隔铆合扣件



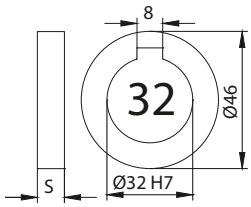
CODE N.	S mm	CODE N.	S mm	CODE N.	S mm	CODE N.	S mm
K4084SP003	0,03	K4084SP010	0,1	K4084BSP01	1	K4084BSP10	10
K4084SP004	0.04	K4084SP020	0,2	K4084BSP02	2	K4084BSP20	20
K4084SP005	0.05	K4084SP030	0,3	K4084BSP03	3	K4084BSP30	30
		K4084SP040	0,4	K4084BSP04	4		
		K4084SP050	0,5	K4084BSP05	5		
		K4084SP060	0,6	K4084BSP06	6		



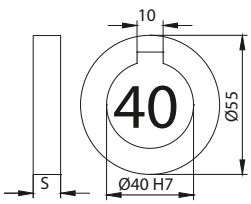
CODE N.	S mm	CODE N.	S mm	CODE N.	S mm	CODE N.	S mm
K4085SP003	0,03	K4085SP010	0,1	K4085BSP01	1	K4085BSP10	10
K4085SP004	0.04	K4085SP020	0,2	K4085BSP02	2	K4085BSP20	20
K4085SP005	0.05	K4085SP030	0,3	K4085BSP03	3	K4085BSP30	30
		K4085SP040	0,4	K4085BSP04	4		
		K4085SP050	0,5	K4085BSP05	5		
		K4085SP060	0,6	K4085BSP06	6		



CODE N.	S mm	CODE N.	S mm	CODE N.	S mm	CODE N.	S mm
K4086SP003	0,03	K4086SP010	0,1	K4086BSP01	1	K4086BSP10	10
K4086SP004	0.04	K4086SP020	0,2	K4086BSP02	2	K4086BSP20	20
K4086SP005	0.05	K4086SP030	0,3	K4086BSP03	3	K4086BSP30	30
		K4086SP040	0,4	K4086BSP04	4		
		K4086SP050	0,5	K4086BSP05	5		
		K4086SP060	0,6	K4086BSP06	6		



CODE N.	S mm	CODE N.	S mm	CODE N.	S mm	CODE N.	S mm
K4087SP003	0,03	K4087SP010	0,1	K4087BSP01	1	K4087BSP10	10
K4087SP004	0.04	K4087SP020	0,2	K4087BSP02	2	K4087BSP20	20
K4087SP005	0.05	K4087SP030	0,3	K4087BSP03	3	K4087BSP30	30
		K4087SP040	0,4	K4087BSP04	4		
		K4087SP050	0,5	K4087BSP05	5		
		K4087SP060	0,6	K4087BSP06	6		

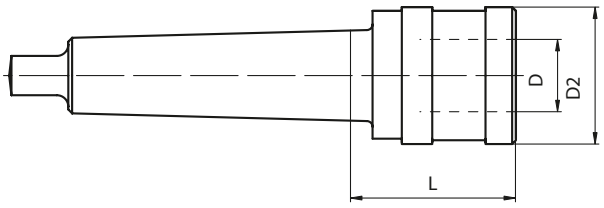


CODE N.	S mm	CODE N.	S mm	CODE N.	S mm	CODE N.	S mm
K4088SP003	0,03	K4088SP010	0,1	K4088BSP01	1	K4088BSP10	10
K4088SP004	0.04	K4088SP020	0,2	K4088BSP02	2	K4088BSP20	20
K4088SP005	0.05	K4088SP030	0,3	K4088BSP03	3	K4088BSP30	30
		K4088SP040	0,4	K4088BSP04	4		
		K4088SP050	0,5	K4088BSP05	5		
		K4088SP060	0,6	K4088BSP06	6		

QUICK CHANGE TAP HOLDER WITH MORSE TAPER SHANK
GEWINDESCHNEID-SCHNELLWECHSELFUTTER MIT LÄNGENAUSGLEICH UND MORSEKEGELSCHAFT
БЫСТРОСМЕННЫЕ РЕЗЬБОНАРЕЗНЫЕ ПАТРОНЫ С КОНУСОМ МОРЗЕ С ЛАПКОЙ
MASCHIATORE A DOPPIA COMPENSAZIONE ATTACCO CONO MORSE
MANDRIN DE TARAUDAGE CONE MORSE A CHANGEMENT RAPIDE
快换丝锥夹头带莫氏锥柄

DIN 228-B



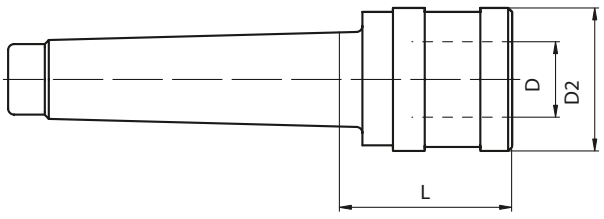


CODE N.	DESCRIPTION	SIZE	TOP RANGE	PRESS	EXT	Mk MORSE	D	D2	L
M-1810	M3-M12CM2BGR1	1	M3÷M12	9	9	2	19	38	46
M-1820	M3-M12CM3BGR1	1	M3÷M12	9	9	3	19	38	46
M-1920	M6-M20CM3BGR2	2	M6÷M20	15	15	3	31	55	69
M-1930	M6-M20CM4BGR2	2	M6÷M20	15	15	4	31	55	70
M-2030	M14-M33CM4BGR3	3	M14÷M33	24	24	4	48	79	108
M-2040	M14-M33CM5BGR3	3	M14÷M33	24	24	5	48	79	103

QUICK CHANGE TAP HOLDER WITH MT SHANK
GEWINDESCHNEID-SCHNELLWECHSELFUTTER MIT LÄNGENAUSGLEICH UND MORSEKEGELSCHAFT
БЫСТРОСМЕННЫЕ РЕЗЬБОНАРЕЗНЫЕ ПАТРОНЫ С КОНУСОМ МОРЗЕ С РЕЗЬБОЙ
MASCHIATORE A DOPPIA COMPENSAZIONE ATTACCO CONO MORSE
MANDRIN DE TARAUDAGE CONE MORSE A CHANGEMENT RAPIDE
快换丝锥夹头带MT柄

DIN 228-A

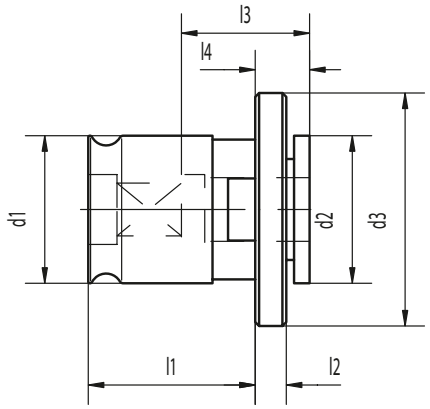




CODE N.	DESCRIPTION	SIZE	TOP RANGE	PRESS	EXT	Mk MORSE	D	D2	L
M-2210	M3-M12CM2AGR1	1	M3÷M12	9	9	2	19	36	46
M-2220	M3-M12CM3AGR1	1	M3÷M12	9	9	3	19	36	46
M-2320	M6-M20CM3AGR2	2	M6÷M20	15	15	3	31	53	68
M-2330	M6-M20CM4AGR2	2	M6÷M20	15	15	4	31	53	70

QUICK CHANGE TAPPING ADAPTERS WITHOUT SAFETY COUPLING
SCHNELLWECHSELEINSÄTZE OHNE SICHERHEITSKUPPLUNG
БЫСТРОСМЕННЫЕ РЕЗЬБОНАРЕЗНЫЕ АДАПТЕРЫ БЕЗ ПРЕДОХРАНЯЮЩЕЙ МУФТЫ
BUSSOLA PER MASCHIARE SENZA FRIZIONE
ADAPTEURS A CHANGEMENT RAPIDE SANS COUPLAGE DE SECURITE
快换丝锥接头不带安全连接器

IBC

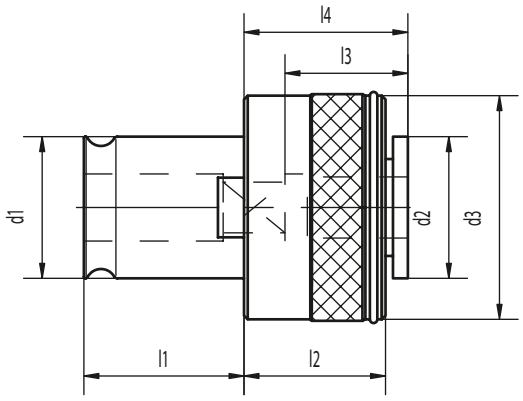




	CODE N.	TOP SHANK	⌀	SIZE	l1	l2	l3	l4	d1	d2	d3
IBC 1	IBC1-2,80	2,8	2,1	1	21,5	4	17	7	19	19	30
	IBC1-3,15	3,15	2,5	1	21,5	4	17	7	19	19	30
	IBC1-3,50	3,5	2,7	1	21,5	4	17	7	19	19	30
	IBC1-4,0	4	3	1	21,5	4	17	7	19	19	30
	IBC1-4,0	4	3,15	1	21,5	4	17	7	19	19	30
	IBC1-4,5	4,5	3,4	1	21,5	4	17	7	19	19	30
	IBC1-5,0	5	4	1	21,5	4	17	7	19	19	30
	IBC1-5,5	5,5	4,3	1	21,5	4	17	7	19	19	30
	IBC1-6,0	6	4,9	1	21,5	4	17	7	19	19	30
	IBC1-6,3	6,3	5	1	21,5	4	17	7	19	19	30
	IBC1-7,0	7	5,5	1	21,5	4	17	7	19	19	30
	IBC1-8,0	8	6,2	1	21,5	4	17	7	19	19	30
	IBC1-8,0	8	6,3	1	21,5	4	17	7	19	19	30
	IBC1-9,0	9	7	1	21,5	4	17	7	19	19	30
	IBC1-10	10	8	1	21,5	4	17	7	19	19	30
	IBC1-11	11	9	1	21,5	4	17	7	19	19	30
	IBC1-12	12	9	1	21,5	4	17	7	19	19	30
IBC 2	IBC2-6,0	6	4,9	2	35	5	30	11	31	30	48
	IBC2-6,5	6,3	5	2	35	5	30	11	31	30	48
	IBC2-7,0	7	5,5	2	35	5	30	11	31	30	48
	IBC2-8,0	8	6,2	2	35	5	30	11	31	30	48
	IBC2-9,0	9	7	2	35	5	30	11	31	30	48
	IBC2-10	10	8	2	35	5	30	11	31	30	48
	IBC2-11	11	9	2	35	5	30	11	31	30	48
	IBC2-12	12	9	2	35	5	30	11	31	30	48
	IBC2-12,5	12,5	10	2	35	5	30	11	31	30	48
	IBC2-14	14	11	2	35	5	30	11	31	30	48
	IBC2-16	16	12	2	35	5	30	11	31	30	48
	IBC2-16	16	12,5	2	35	5	30	11	31	30	48
	IBC2-18	18	14,5	2	35	5	30	11	31	30	48
	IBC2-20	20	16	2	35	5	30	11	31	30	48
IBC 3	IBC3-11	11	9	3	55,5	6	44	14	48	48	70
	IBC3-12	12	9	3	55,5	6	44	14	48	48	70
	IBC3-14	14	11	3	55,5	6	44	14	48	48	70
	IBC3-16	16	12	3	55,5	6	44	14	48	48	70
	IBC3-18	18	14,5	3	55,5	6	44	14	31	30	70
	IBC3-20	20	16	3	55,5	6	44	14	48	48	70
	IBC3-22	22	18	3	55,5	6	44	14	48	48	70
	IBC3-25	25	20	3	55,5	6	44	14	48	48	70
	IBC3-28	28	22	3	55,5	6	44	14	48	48	70
	IBC3-32	32	24	3	55,5	6	44	14	48	48	70
	IBC3-36	36	29	3	5,55	6	44	14	48	48	70

QUICK CHANGE TAPPING ADAPTERS WITH SAFETY COUPLING
SCHNELLWECHSELEINSÄTZE MIT SICHERHEITSKUPPLUNG
БЫСТРОСМЕННЫЕ РЕЗЬБОНАРЕЗНЫЕ АДАПТЕРЫ С ПРЕДОХРАНЯЮЩЕЙ МУФТОЙ
BUSSOLA PER MASCHIARE CON FRIZIONE
ADAPTEURS A CHANGEMENT RAPIDE AVEC COUPLAGE DE SECURITE
快换丝锥接头带安全连接器

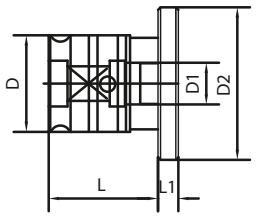
IBS





	CODE N.	TOP SHANK	⊠	SIZE	l1	l2	l3	l4	d1	d2	d3
IBS 1	IBS1-3,5	3,5	2,7	1	21,5	25	17	25	19	19	32
	IBS1-4,5	4,5	3,4	1	21,5	25	17	25	19	19	32
	IBS1-5,5	5,5	4,3	1	21,5	25	17	25	19	19	32
	IBS1-6	6	4,9	1	21,5	25	17	25	19	19	32
	IBS1-7	7	5,5	1	21,5	25	17	25	19	19	32
	IBS1-8	8	6,2	1	21,5	25	17	25	19	19	32
	IBS1-9	9	7	1	21,5	25	17	25	19	19	32
	IBS1-10	10	8	1	21,5	25	17	25	19	19	32
	IBS1-11	11	9	1	21,5	25	17	25	19	19	32
IBS 2	IBS2-6	6	4,9	2	35	31	30	34	31	30	50
	IBS2-7	7	5,5	2	35	31	30	34	31	30	50
	IBS2-8	8	6,2	2	35	31	30	34	31	30	50
	IBS2-9	9	7	2	35	31	30	34	31	30	50
	IBS2-10	10	8	2	35	31	30	34	31	30	50
	IBS2-11	11	9	2	35	31	30	34	31	30	50
	IBS2-12	12	9	2	35	31	30	34	31	30	50
	IBS2-14	14	11	2	35	31	30	34	31	30	50
	IBS2-16	16	12	2	35	31	30	34	31	30	50
	IBS2-18	18	14,5	2	35	31	30	34	31	30	50
IBS 3	IBS3-11	11	9	3	55,5	41	44	45	48	48	72
	IBS3-12	12	9	3	55,5	41	44	45	48	48	72
	IBS3-14	14	11	3	55,5	41	44	45	48	48	72
	IBS3-16	16	12	3	55,5	41	44	45	48	48	72
	IBS3-18	18	14,5	3	55,5	41	44	45	48	48	72
	IBS3-20	20	16	3	55,5	41	44	45	48	48	72
	IBS3-22	22	18	3	55,5	41	44	45	48	48	72
	IBS3-25	25	20	3	55,5	41	44	45	48	48	72
	IBS3-28	28	22	3	55,5	41	44	45	48	48	72

REDUCTIONS FROM ADAPTER TO ADAPTER
REDUZIERUNGEN FÜR EINSÄTZE
ПЕРЕХОДНИКИ К АДАПТЕРАМ
RIDUZIONI DA BUSSOLA A BUSSOLA
REDUCTIONS POUR ADAPTEURS
接头与接头之间的缩小

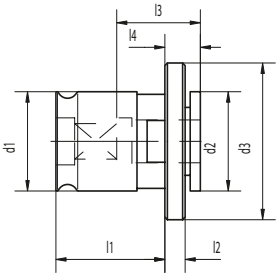


CODE N.	D	D1	D2	L	L1
IBC1/0	19	13	30	21,5	4
IBC2/1	31	19	48	35	5
IBC3/2	48	31	70	55,5	6

QUICK CHANGE TAPPING ADAPTERS WITHOUT SAFETY COUPLING
SCHNELLWECHSELEINSÄTZE OHNE SICHERHEITSKUPPLUNG
БЫСТРОСМЕННЫЕ РЕЗЬБОНАРЕЗНЫЕ АДАПТЕРЫ БЕЗ ПРЕДОХРАНЯЮЩЕЙ МУФТЫ
BUSSOLA PER MASCHIARE SENZA FRIZIONE
ADAPTEURS A CHANGEMENT RAPIDE SANS COUPLAGE DE SECURITE
快换丝锥接头不带安全连接器

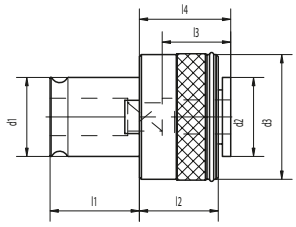


JIS Normative



	CODE N.	TOP SHANK	⊠	SIZE	l1	l2	l3	l4	d1	d2	d3
IBC 1	IBC1-4X3.2	4	3,2	1	21,5	4	17	7	19	19	30
	IBC1-5.5X4.5	5,5	4,5	1	21,5	4	17	7	19	19	30
	IBC1-5X4	5	4	1	21,5	4	17	7	19	19	30
	IBC1-6X4.5	6	4,5	1	21,5	4	17	7	19	19	30
	IBC1-6.2X5	6,2	5	1	21,5	4	17	7	19	19	30
	IBC1-8.5X6.5	8,5	6,5	1	21,5	4	17	7	19	19	30
	IBC1-10.5X8	10,5	8	1	21,5	4	17	7	19	19	30

QUICK CHANGE TAPPING ADAPTERS WITH SAFETY COUPLING
SCHNELLWECHSELEINSÄTZE MIT SICHERHEITSKUPPLUNG
БЫСТРОСМЕННЫЕ РЕЗЬБОНАРЕЗНЫЕ АДАПТЕРЫ С ПРЕДОХРАНЯЮЩЕЙ МУФТОЙ
BUSSOLA PER MASCHIARE CON FRIZIONE
ADAPTEURS A CHANGEMENT RAPIDE AVEC COUPLAGE DE SECURITE
快换丝锥接头带安全连接器



	CODE N.	TOP SHANK	⊠	SIZE	l1	l2	l3	l4	d1	d2	d3
IBS 1	IBS1-4X3.2	4	3,2	1	21,5	25	17	25	19	19	32
	IBS1-5.5X4.5	5,5	4,5	1	21,5	25	17	25	19	19	32
	IBS1-6X4.5	6	4,5	1	21,5	25	17	25	19	19	32
	IBS1-6.2X5	6,2	5	1	21,5	25	17	25	19	19	32
	IBS1-8.5X6.5	8,5	6,5	1	21,5	25	17	25	19	19	32



JIS Normative

IBS 2	IBS2-6X4.5	6	4,5	2	35	31	30	34	31	30	50
	IBS2-6.2X5	6,2	5	2	35	31	30	34	31	30	50
	IBS2-8.5X6.5	8,5	6,5	2	35	31	30	34	31	30	50
	IBS2-10.5X8	10,5	8	2	35	31	30	34	31	30	50
	IBS2-12.5X10	12,5	10	2	35	31	30	34	31	30	50
	IBS2-15X12	15	12	2	35	31	30	34	31	30	50
	IBS2-17X13	17	13	2	35	31	30	34	31	30	50
	IBS2-19X15	19	15	2	35	31	30	34	31	30	50

06

TECHNICAL INFORMATIONS
TECHNISCHE DATEN
ТЕХНИЧЕСКАЯ ИНФОРМАЦИЯ
INFORMAZIONI TECNICHE
DONNÉES TECHNIQUES
技术信息

- The calibration values shown in the table are the average values produced during testing. Alternative calibration values should be requested when placing the order.
- I valori in tabella sono quelli realizzati in fase di montaggio. Per tarature diverse siete pregati di farne richiesta al momento dell'ordine.
- Mit den hier aufgeführten Werten sind alle unsere SWE's voreigestellt. Sollten Sie einmal eine andere Einstellung wünschen, so wollen Sie dies bitte bei Bestellung aufgeben.
- Les valeurs de tarage indiqués sur le tableau sont les valeurs réalises pendant le montage. Pour tarages differents est necessaire l'indiquer sur la commande.
- Значения по калибровке, указанные в таблице, являются усредненными, полученными во время тестирования. Если нужны другие значения, указывайте при заказе.
- 表格中显示的校对数值是测量中产生的平均值。如需其他校对值可在下单时提出要求。

TAP MASCHIO	TORQUE - MOMENTO TORCENTE Nm				
	IBS 0	IBS 1	IBS 2	IBS 3	IBS 4
M2	0,6	0,6	-	-	-
M3	1	1	-	-	-
M3,5	1,5-2	1,5-2	-	-	-
M4	1,8-3	1,8-3	-	-	-
M5	3,5-5,5	3,5-5,5	-	-	-
M6-M7	5,5-9	5,5-9	5,5-9	-	-
M8-M9	14-18	14-18	14-18	-	-
M10-M11	21-25	21-25	21-25	-	-
M12	21-25	33-39	33-39	33-39	-
M14	-	45-50	45-50	45-50	-
M16	-	45-50	50-57	45-50	-
M18	-	-	80-87	80-87	-
M20	-	-	90-100	90-100	90-100
M22	-	-	100-110	100-110	100-110
M24	-	-	100-110	140-150	140-150
M27	-	-	-	150-160	150-160
M30	-	-	-	240-250	240-250
M33	-	-	-	260-270	260-270
M36	-	-	-	260-270	350-400
M39	-	-	-	260-270	380-430
M42	-	-	-	-	500-550
M45	-	-	-	-	550-600
M48	-	-	-	-	630-680
M52	-	-	-	-	-

TECHNICAL INFORMATIONS INFORMAZIONI TECNICHE
TECHNISCHE DATEN DONNÉES TECHNIQUES
ТЕХНИЧЕСКАЯ ИНФОРМАЦИЯ 技术信息

TAP SHANK DIMENSION ISO 529 - 1975

Dimension Dia. x Square	Metric	Shank dia. enlarged	UNC	Shank dia. enlarged	UNF	Shank dia. enlarged	BSW	Shank dia. enlarged	BSF	Shank dia. enlarged	BA	Shank dia. enlarged
3.15 x 2.5	M4	M3	-	No. 4-40	-	No. 4-48	-	-	-	-	-	No. 5
	-	-	No. 8-32	No. 5-40	No. 8-36	No. 5-44	-	-	-	-	No. 3	-
3.55 x 2.8	M 4.5	M 3.5	No. 10-24	No. 6-32	No. 10-32	No. 6-40	3/16"-24	-	3/16"-32	-	No. 2	No. 4
4 x 3.15	M 5	M 4	No. 12-24	-	No. 12-28	-	-	-	7/32"-28	-	No. 1	-
4.5 x 3.55	M 6	-	1/4"-20	No. 8-32	1/4"-28	No. 3-36	1/4"-20	-	1/4"-26	-	No. 0	No. 3
5 x 4	-	M 5	-	No. 10-24	-	No. 10-32	-	3/16"-24	-	3/16"-32	-	No. 2
5.6 x 4.5	-	-	-	No. 12-24	-	No. 12-28	-	-	9/32"-26	7/32"-28	-	No. 1
6.3 x 5	M 8	M 6	5/16"-18	1/4"-20	5/16"-24	1/4"-28	5/16"-18	1/4"-20	5/16"-22	1/4"-26	-	No. 0
7.1 x 5.6	-	-	3/8"-16	-	3/8"-24	-	3/8"-16	-	3/8"-20	9/32"-36	-	-
8 x 6.3	M 10	M 8	7/16"-14	5/16"-18	7/16"-20	-	7/16"-14	5/16"-18	7/16"-18	5/16"-22	-	-
9 x 7.1	M 12	-	1/2"-13	-	1/2"-20	-	1/2"-12	-	1/2"-12	-	-	-
10 x 8	-	M 10	-	3/8"-16	-	3/8"-24	-	3/8"-16	-	3/8"-20	-	-
11.2 x 9	M 14	-	9/16"-12	-	9/16"-18	-	9/16"-12	-	9/16"-16	-	-	-
12.5 x 10	M 16	-	5/8"-11	-	5/8"-18	-	5/8"-11	-	3/8"-14	-	-	-
14 x 11.2	M 18	-	3/4"-10	-	3/4"-16	-	11/16"-11	-	11/16"-14	-	-	-
	M 20	-	-	-	-	-	3/4"-10	-	3/4"-12	-	-	-
16 x 12.5	M 22	-	7/8"-9	-	7/8"-14	-	7/8"-9	-	7/8"-11	-	-	-
18 x 14	M 24	-	1"-8	-	1"-12	-	1"-8	-	1"-10	-	-	-
20 x 16	M 27	-	1 1/8"-7	-	1 1/8"-12	-	1 1/8"-7	-	1 1/8"-9	-	-	-
	M 30	-	-	-	-	-	-	-	-	-	-	-
22.4 x 18	M 33	-	1¼"-4	-	1¼"-12	-	1¼"-7	-	1¼"-9	-	-	-
25 X 20	M 36	-	1 3/8"-6	-	1 3/8"-12	-	-	-	1 3/8"-8	-	-	-
28 x 22.4	M 39	-	1½"-6	-	1½"-12	-	1½"-6	-	1½"-8	-	-	-
	M 42	-	-	-	-	-	-	-	1 5/8"-8	-	-	-
31.5 x 25	M 45	-	1 3/4"-5	-	-	-	1 3/4"-5	-	1 3/4"-7	-	-	-
	M 48	-	-	-	-	-	-	-	-	-	-	-

Tap Shank Dimension DIN

Dimension Dia. x Square	DIN 352	DIN 353	DIN 371	DIN 374	DIN 376	DIN 2182	DIN 2183
3.5 x 2.7	M 3	-	M 3	M 5	M 5	1/8"	-
4 x 3	M 4	-	M 3.5	-	-	-	-
4.5 x 3.4	M 4	-	M 4	M 6	M 6	5/32"	1/4"
6 x 4.9	M 5	-	M 5	-	-	7/32"	-
	M 6	-	M 6	-	-	-	-
	M 8	-	-	M 8	M 8	-	-
7 x 5.5	M 10	G 1/8"	-	M 10	M 10	1/4"	3/8"
8 x 6.2	-	-	M 8	-	-	5/16"	7/16"
9 x 7	M 12	-	-	M 12	M 12	3/8"	1/2"
10 x 8	-	-	M 10	-	-	-	-
11 x 9	M 14	G 1/4"	-	M14	M 14	-	9/16"
12 X 9	M 16	G 3/8"	-	M 16	M 16	-	5/8"
14 X 11	M 18	-	-	M 18	M 18	-	11/16"
16 X 12	M 20	G 1/2"	-	M 20	M 20	-	13/16"
18 x 14.5	M 22	G 5/8:	-	M 22	M 22	-	7/8"
	M 24	-	-	M 24	M 24	-	15/16"
20 x 16	M 27	G 3/4"	-	M 27	M 27	-	1"
22 x 18	M 30	G 7/8"	-	M 30	M 30	-	1 1/8"
25 x 20	M 33	G 1"	-	M 33	M 33	-	1¼"
28 x 22	M 36	G 1 1/8"	-	M 36	M 36	-	1 3/8"
32 x 24	M 39	G 1 1/8"	-	M 39	M 39	-	1½"
	M 42	-	-	M 42	M 42	-	1 5/8"
36 x 29	M 45	G3/8"	-	M 45	M 45	-	1 3/4"
	M 48	G1½"	-	M 48	M 48	-	1 7/8"
	-	G1 3/4"	-	-	-	-	-
	-	G 2"	-	-	-	-	-

Tap Shank Dimensions ANSI (US Standards)

Dimension In Inch. Dia. x Square		Metric Conversions		Tap Size
0.141	0.110	3.59	2.80	1/8" No.6
0.168	0.131	4.27	3.33	5/32" No.8
0.194	0.152	4.93	3.87	3/16" No. 10
0.220	0.165	5.59	4.20	No. 12
0.255	0.191	6.48	4.86	1/4" No. 14
0.312	0.234	7.94	5.95	1/16"Ps 1/8"Ps
0.318	0.238	8.08	6.05	5/16" 3/8"
0.323	0.242	8.21	6.15	5/16" 7/16"
0.367	0.275	9.33	6.99	1/2"
0.381	0.286	9.68	7.27	3/8"
0.429	0.322	10.90	8.18	9/16"
0.438	0.328	11.12	8.34	1/8"Ps
0.480	0.360	12.20	9.15	5/8"
0.542	0.406	13.77	10.31	11/16"
0.563	0.421	14.29	10.70	1/4"Ps

Dimension In Inch. Dia. x Square		Metric Conversions		Tap Size
0.590	0.442	14.99	11.23	3/4"
0.652	0.489	16.57	12.43	M 20
0.688	0.515	17.47	13.09	1/2" Ps
0.697	0.523	17.71	13.29	7/8"
0.700	0.531	17.78	13.49	3/8"Ps
0.760	0.570	19.31	14.48	M 24
0.800	0.600	20.32	15.24	1"
0.896	0.672	22.76	17.07	1 1/8"
0.906	0.679	23.02	17.25	3/4"P
1.021	0.766	25.94	19.46	1¼"
1.108	0.833	28.15	21.11	1 3/8"
1.125	0.843	28.58	21.42	1"P
1.233	0.925	31.32	23.50	1½"
1.132	0.984	33.34	25.00	1¼"P
1.430	1.072	36.33	27.23	1 3/4"

Tap Shank Dimensions (JIS Standards)

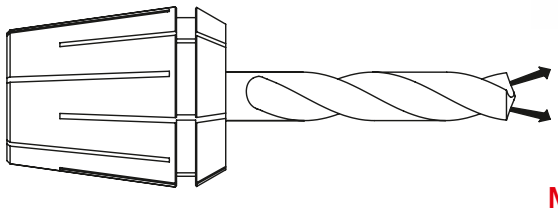
Dimension in mm. Dia. x Square		Tap Size
4.0	3.0	M 3 & M 3.5
5.0	4.0	M 4 & M 4.5
5.5	4.5	M 5
6.0	4.5	M 6
6.2	5.0	M 7 & M 8
7.0	5.5	M 9 & M 10
8.0	6.2	M 11
8.5	6.5	M 12
10.5	8.0	M 14
12.5	10.0	M 16
14.0	11.0	M 18
15.0	12.0	M 20
17.0	13.0	M 22
19.0	15.0	M 24
20.0	15.0	M 27
23.0	23.17	M 30

STEEL SEALED COLLETS FOR HIGH PRESSURE
ABGEDICHTETE SPANNZANGEN FÜR HOCHDRUCKKÜHLUNG
ЦАНГИ С ПОДВОДОМ ВЫСОКОГО ДАВЛЕНИЯ СОЖ
PINZE A TENUTA MECCANICA DEL REFRIGERANTE AD ALTA PRESSIONE
PINCES ETANCHE POUR ARROSAGE DE HAUTE PRESSION
抗高压水密夹头

DIN6499/ISO15488

RUNOUT≤ 0,01





TYPE	CLAMPLING CAPACITY D	PROGRESSIONE
ERC16D...	3÷10	1
ERC20D...	3÷13	1
ERC25D...	3÷16	1
ERC32D...	3÷20	1
ERC40D...	4÷26	1

MAX PRESSION
PRESSIONE MAX
130 BAR

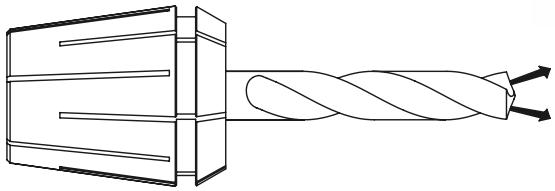
Short slots stop the coolant without plugs
La tenuta é garantita dai tagli corti
短切确保密闭性

STEEL SEALED COLLETS FOR HIGH PRESSURE
ABGEDICHTETE SPANNZANGEN FÜR HOCHDRUCKKÜHLUNG
ЦАНГИ С ПОДВОДОМ ВЫСОКОГО ДАВЛЕНИЯ СОЖ
PINZE A TENUTA MECCANICA DEL REFRIGERANTE AD ALTA PRESSIONE
PINCES ETANCHE POUR ARROSAGE DE HAUTE PRESSION
抗高压水密夹头

DIN6499/ISO15488

RUNOUT≤ 0,005





TYPE	CLAMPLING CAPACITY D	PROGRESSIONE
ERCHP16D...	3÷10	1
ERCHP20D...	3÷13	1
ERCHP25D...	3÷16	1
ERCHP32D...	3÷20	1
ERCHP40D...	4÷26	1

HIGH PRECISION

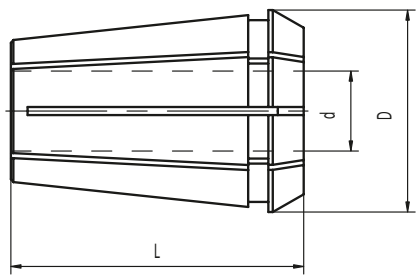
MAX PRESSION
PRESSIONE MAX
130 BAR

Short slots stop the coolant without plugs
La tenuta é garantita dai tagli corti
短切确保密闭性

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

DIN 6388



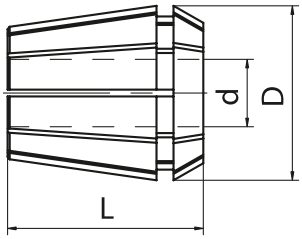


TYPE	D	L	CLAMPLING CAPACITY	DIN	PROGRESSIONE
EOC16D..	25.50	40	2÷16	415E	mm 0,5
EOC25D..	35,05	52	2÷25	462E	mm 0,5
EOC32D..	43,70	60	3÷32	467E	mm 0,5

COLLETS ER TYPE
PINZE TIPO ER
ER TYP SPANNZANGEN
PINCES TYPE ER
НАБОРЫ ЦАНГ ER
ER 类型的夹头

DIN6499/ISO15488

RUNOUT≤ 0,010





	TYPE	D	L	CLAMPLING CAPACITY	CLAMPING RANGE	DIN
	ER8D..	8.5	13.5	1÷5	mm 0,5	4004E
	ER11D..	11.5	18	1÷7	mm 0,5	4008E
NEW	ER11 ERW	11.5	15	7,5 / 8	mm 0,5	**OVERSIZE**
	ER16D..	17	27.5	1÷3 4÷10	mm 0,5 mm 1,0	426E
NEW	ER16 ERW	17	26 21,7 20	10,5 11 / 11,5 12	mm 0,5	**OVERSIZE**
	ER20D..	21	31.5	1÷3 4÷13	mm 0,5 mm 1,0	428E
NEW	ER20 ERW	21	29 25,5	13,5 / 14 14,5 / 15	mm 0,5	**OVERSIZE**
	ER25D..	26	34.5	1÷3 4÷16	mm 0,5 mm 1,0	430E
NEW	ER25 ERW	26	34 33 31 28	16,5 / 17 / 17,5 18 18,5 / 19 19,5 / 20	mm 0,5	**OVERSIZE**
	ER32D..	33	40	2÷20	mm 1,0	470E
NEW	ER32 ERW	33	40 39 37,5 35,7 34	20,5 / 21 / 21,5 / 22 / 22,5 23 / 23,5 24 24,5 25	mm 0,5	**OVERSIZE**
	ER40D..	41	46	3÷30	mm 1,0	472E
NEW	ER40 ERW	41	43 39,5	31 32	mm 1	**OVERSIZE**
	ER50D..	52	60	6÷34	mm 2,0	477E

ER COLLET SETS
SERIE PINZE TIPO ER
ER - SPANNZANGENSATZ
JEUX DE PINCES TYPE ER
НАБОРЫ ЦАНГ ER
ER 夹头组套

RUNOUT≤ 0,010



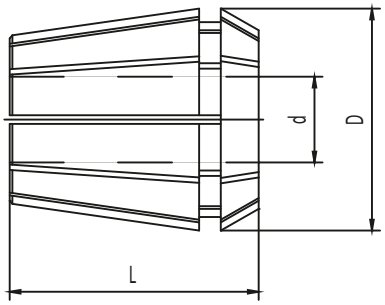
TYPE	NUMBER OF COLLETS	CLAMPING CAPACITY
SERIE-ER8	(1÷5) 9 collets	Ø 1-1,5-2-2,5-3-3,5-4-4,5-5
SERIE-ER11	(1÷7) 13 collets	Ø 1-1,5-2-2,5-3-3,5-4-4,5-5-5,5-6-6,5-7
SERIE-ER16	(1÷10) 10 collets	Ø 1-2-3-4-5-6-7-8-9-10
SERIE-ER20	(2÷13) 12 collets	Ø 2-3-4-5-6-7-8-9-10-11-12-13
SERIE-ER25	(2÷16) 15 collets	Ø 2-3-4-5-6-7-8-9-10-11-12-13-14-15-16
SERIE-ER32	(3÷20) 18 collets	Ø 3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20
SERIE-ER40	(4÷26) 23 collets	Ø 4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20 21-22-23-24-25-26
SERIE-ER40C	(3÷30) 28 collets	Ø 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

HIGH PRECISION ER COLLETS PINZE ER DI ALTA PRECISIONE
HOCHPRÄZISIONS-ER SPANNZANGEN ER PINCE DE HAUTE PRECISION
ВЫСОКОТОЧНЫЕ ЦАНГИ ER 高精度 ER 夹头

DIN6499/ISO15488

RUNOUT≤ 0,005





TYPE	D	L	CLAMPLING CAPACITY
ER 8 HP	8.5	13,5	1÷5
ER11 HP	11,5	18	1÷7
ER16 HP	17	27,5	1÷10
ER20 HP	21	31.5	1÷13
ER25 HP	26	34	1÷16
ER32 HP	33	40	2÷20
ER40 HP	41	46	3÷30

REDUCED SETS OF COLLETS ER-HP TYPE SERIE RIDOTTA DI PINZE ER-HP
HOCHPRÄZISIONS-ER SPANNZANGENSÄTZE (Reduzierte Version) JEUX REDUITS DE PINCES ER DE HAUTE PRECISION
СОКРАЩЕННЫЕ НАБОРЫ ВЫСОКОТОЧНЫХ ЦАНГ ER ER-HP 夹头简装版

RUNOUT≤ 0,005



TYPE	DIAMETERS	No. COLLETS
SERIE-ER 8 HP	1-2-3-4-5	5
SERIE-ER11 HP	1-2-3-4-5-6-7	7
SERIE-ER16 HP	2-4-6-8-10	5
SERIE-ER20 HP	2-4-6-8-10-12	6
SERIE-ER25 HP	4-6-8-10-12-16	6
SERIE-ER32 HP	4-6-8-10-12-16-20	7
SERIE-ER40 HP	4-6-8-10-12-16-20-25	8

COMPLETE SETS OF COLLETS ER-HP TYPE SERIE COMPLETA DI PINZE ER-HP
HOCHPRÄZISIONS-ER SPANNZANGENSÄTZE (Komplette Version) JEUX COMPLETS DE PINCES ER DE HAUTE PRECISION
ПОЛНЫЕ НАБОРЫ ВЫСОКОТОЧНЫХ ЦАНГ ER ER-HP 夹头的完整版

RUNOUT≤ 0,005

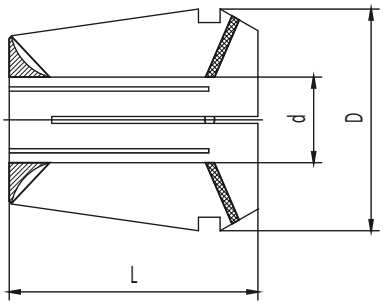


TYPE	DIAMETERS	No. COLLETS
SERIE-ER8HPC	1-1.5-2-2,5-3-3,5-4-4,5-5	9
SERIE-ER11HPC	1-1.5-2-2,5-3-3,5-4-4,5-5-5,5-6-6,5-7	13
SERIE-ER16HPC	1-2-3-4-5-6-7-8-9-10	10
SERIE-ER20HPC	2-3-4-5-6-7-8-9-10-11-12-13	12
SERIE-ER25HPC	2-3-4-5-6-7-8-9-10-11-12-13-14-15-16	15
SERIE-ER32HPC	3-4-5-6-7-8-9-10-11-12-13-14-15-16 17-18-19-20	18
SERIE-ER40HPC	4-5-6-7-8-9-10-11-12-13-14-15-16 17-18-19-20-21-22-23-24-25-26	23

WATERTIGHT ER COLLETS
ER-SPANNZANGEN ABGEDICHTET
ЦАНГИ ER ДЛЯ ВНУТРЕННЕЙ ПОДАЧИ СОЖ
PINZE ER A TENUTA STAGNA
PINCES ER ETANCHES
水密性 ER 夹头

DIN6499/ISO15488

RUNOUT≤ 0,010





TYPE	D	L	CLAMPLING CAPACITY	PROGRESSIONE
ER11VG	11,35	18	3÷7	0,5
ER16VG	16,75	27,5	3÷10	0,5
ER20VG	20,65	31.5	3÷13	0,5
ER25VG	25,60	34	3÷16	0,5
ER32VG	32,74	40	3÷20	0,5
ER40VG	40,60	46	4÷26	0,5

REDUCED SETS OF COLLETS VG TYPE
ER VG SPANNZANGENSÄTZE (Reduzierte Version)
СОКРАЩЕННЫЕ НАБОРЫ ЦАНГ ER ДЛЯ ВНУТРЕННЕЙ ПОДАЧИ СОЖ
SERIE RIDOTTA DI PINZE VG
JEUX REDUITS DE PINCES ER VG
VG 型夹头简装版

RUNOUT≤ 0,010



TYPE	DIAMETERS	No. COLLETS
SERIE-ER16VG	4-6-8-10	4
SERIE-ER20VG	4-6-8-10-12	5
SERIE-ER25VG	4-6-8-10-12-16	6
SERIE-ER32VG	4-6-8-10-12-16-20	7
SERIE-ER40VG	4-6-8-10-12-16-20-25	8

COMPLETE SETS OF COLLETS VG TYPE
ER VG SPANNZANGENSÄTZE (Komplette Version)
ПОЛНЫЕ НАБОРЫ ЦАНГ ER ДЛЯ ВНУТРЕННЕЙ ПОДАЧИ СОЖ
SERIE COMPLETA DI PINZE VG
JEUX COMPLETS DE PINCES ER VG
VG 型夹头完整版

RUNOUT≤ 0,010



TYPE	DIAMETERS	No. COLLETS
SERIE-ER16VG-C	3-4-5-6-7-8-9-10	8
SERIE-ER20VG-C	3-4-5-6-7-8-9-10-11-12-13	11
SERIE-ER25VG-C	3-4-5-6-7-8-9-10-11-12-13-14-15-16	14
SERIE-ER32VG-C	3-4-5-6-7-8-9-10-11-12-13-14-15-16 17-18-19-20	18
SERIE-ER40VG-C	4-5-6-7-8-9-10-11-12-13-14-15-16 17-18-19-20-21-22-23-24-25-26	23

ULTRA PRECISION WATERTIGHT ER COLLETS
DICHTE ER-SPANNZANGE
ВЫСОКОТОЧНЫЕ ЦАНГИ ER ДЛЯ ВНУТРЕННЕЙ ПОДАЧИ СОЖ
PINZE ER A TENUTA STAGNA DI ULTRA PRECISIONE
PINCES ER ETANCHES
超高精度水密性 ER 夹头

DIN6499/ISO15488

RUNOUT≤ 0,005

Collets with the same caracteristics od VG type buth with an ultra precision <0.005 runout accuracy. Working pressure: max 40Bar/600 PSI. Those collets clamp only nominal diameter.

Pinze con le medesime caratteristiche delle VG ma di altissima precisione concentricitá <0,005 mm. Pressione di esercizio: max 40 Bar/600 PSI. Bloccano solo il diametro nominale.

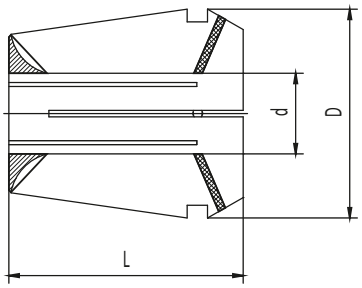
Spannzangen mit den gleichen Eigenschaften wie die abgedichteten aber mit Hochpräzision und Rundlauf < 0,0005. Arbeitsdruck: max. 40 Bar/600 PSI. Diese Spannzangen spannen nur den Nenndurchmesser.

Pinces avec les mêmes caractéristiques des pinces étanches mais ultra-précises avec concentricité < 0,005. Pression de service: max 40 Bar/600 PSI. Ces pinces bloquent seulement le diamètre nominal.

Цанги с такими же характеристиками, как у обычных цанг для внутреннего подвода СОЖ, но с меньшим биением <0,005. Рабочее давление: макс. 40 бар/600 фунт сил. Данные цанги существуют только номинального диаметра.

这些夹头与 VG 类型的夹头的特点相同，但精度超高，径向跳动精度 <0.005。工作压力：最高为 40Bar/600 PSI。这些夹头只能用于夹持常规直径。





TYPE	D	L	CLAMPLING CAPACITY	PROGRESSIONE
ER11VG-HP	11,35	18	3÷7	0,5
ER16VG-HP	16,75	27,5	3÷10	1
ER20VG-HP	20,65	31.5	3÷13	1
ER25VG-HP	25,60	34	3÷16	1
ER32VG-HP	32,74	40	3÷20	1
ER40VG-HP	40,60	46	4÷26	1

REDUCED SETS OF COLLETS VG-UP TYPE
ER VG UP SPANNZANGENSÄTZE (Reduzierte Version)
СОКРАЩЕННЫЕ НАБОРЫ ВЫСОКОТОЧНЫХ ЦАНГ ER ДЛЯ ВНУТРЕННЕЙ ПОДАЧИ СОЖ
SERIE RIDOTTA DI PINZE VG-UP
JEUX REDUITS DE PINCES ER VG UP
VG - UP 型夹头简装版

RUNOUT≤ 0,005



TYPE	DIAMETERS	No. COLLETS
SERIE-ER16VG-HP	4-6-8-10	4
SERIE-ER20VG-HP	4-6-8-10-12	5
SERIE-ER25VG-HP	4-6-8-10-12-16	6
SERIE-ER32VG-HP	4-6-8-10-12-16-20	7
SERIE-ER40VG-HP	4-6-8-10-12-16-20-25	8

COMPLETE SETS OF COLLETS VG-UP TYPE
ER VG UP SPANNZANGENSÄTZE (Komplette Version)
ПОЛНЫЕ НАБОРЫ ВЫСОКОТОЧНЫХ ЦАНГ ER ДЛЯ ВНУТРЕННЕЙ ПОДАЧИ СОЖ
SERIE COMPLETA DI PINZE VG-UP
JEUX COMPLETS DE PINCES ER VG UP
VG - UP 型夹头完整版

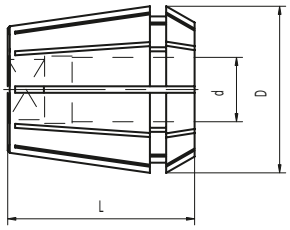
RUNOUT≤ 0,005



TYPE	DIAMETERS	No. COLLETS
SERIE-ER16VG-HPC	3-4-5-6-7-8-9-10	8
SERIE-ER20VG-HPC	3-4-5-6-7-8-9-10-11-12-13	11
SERIE-ER25VG-HPC	3-4-5-6-7-8-9-10-11-12-13-14-15-16	14
SERIE-ER32VG-HPC	3-4-5-6-7-8-9-10-11-12-13-14-15-16 17-18-19-20	18
SERIE-ER40VG-HPC	4-5-6-7-8-9-10-11-12-13-14-15-16 17-18-19-20-21-22-23-24-25-26	23

ER TAPPING COLLETS WITH SQUARE / PINZE ER CON QUADRO PER MASCHIATURA
ER TYP SPANNZANGEN MIT INNENVIERIANT / PINCES DE TARAUDAGE
ЦАНГИ ER С КВАДРАТОМ / ER 粗丝锥夹头

DIN6499/ISO15488





TYPE	D	L	CLAMPLING CAPACITY
ER16MD..	17	27.5	3.5÷8
ER20MD..	21	31.5	3.5÷10
ER25MD..	26	34	3.5÷12
ER32MD..	33	40	3.5÷16
ER40MD..	41	46	4.5÷20

TYPE	D	L	CLAMPLING CAPACITY
*ER16VGMD	17	27.5	3.5÷8
*ER20VGMD	21	31.5	3.5÷10
*ER25VGMD	26	34	3.5÷12
*ER32VGMD	33	40	3.5÷16
*ER40VGMD	41	46	4.5÷20

*A TENUTA STAGNA / WATERTIGHT COLLETS

TECHNICAL INFORMATIONS / INFORMAZIONI TECNICHE
TECHNISCHE DATEN / DONNÉES TECHNIQUES
ТЕХНИЧЕСКАЯ ИНФОРМАЦИЯ / 技术信息

TAPE MASCHIO M	SHANK - GAMBO	
	Ø D	SQ
M3	3,5	2,7
M3,5	4	3
M4	4,5	3,4
M4	5	4
M5	5,5	4,3
M5	6	4,9
M6	6	4,9
M6	6,3	5
M8	6	4,9
M8	6,3	5
M7	7	5,5
M10	7	5,5
M8	8	6,2
M9	9	7

TAPE MASCHIO M	SHANK - GAMBO	
	Ø D	SQ
M12	9	7
M10	10	8
M14	11	9
M14	11,2	9
M16	12	9
M16	12,5	10
M18	14	11
M20	16	12
M24	18	14,5
M27	20	16
M30	22	18
M33	25	20
M36	28	22
M39-42	32	24

REDUCED SETS OF COLLETS MD TYPE / SERIE RIDOTTA DI PINZE MD
ER MD SPANNZANGENSÄTZE (Reduzierte Version) / JEUX REDUITS DE PINCES ER MD
СОКРАЩЕННЫЕ НАБОРЫ ЦАНГ MD ДЛЯ ВНУТРЕННЕЙ ПОДАЧИ СОЖ / MD 型夹头简装版

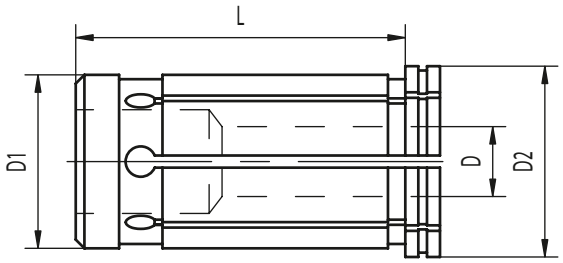


TYPE	DIAMETERS	No. COLLETS
SERIE-ER16MD	3,5-4,5-6-7	4
SERIE-ER20MD	3,5-4,5-6-7-8-9-10	7
SERIE-ER25MD	3,5-4,5-6-7-8-9-10-11-12	9
SERIE-ER32MD	4,5-6-7-8-9-10-11-12-14-16	10
SERIE-ER40MD	6-7-8-9-10-11-12-14-16-18-20	11

TYPE	DIAMETERS	No. COLLETS
*SERIE-ER16VGMD	3,5-4,5-6-7	4
*SERIE-ER20VGMD	3,5-4,5-6-7-8-9-10	7
*SERIE-ER25VGMD	3,5-4,5-6-7-8-9-10-11-12	9
*SERIE-ER32VGMD	4,5-6-7-8-9-10-11-12-14-16	10
*SERIE-ER40VGMD	6-7-8-9-10-11-12-14-16-18-20	11

*A TENUTA STAGNA / WATERTIGHT SERIES

COLLETS FOR MILLING CHUCK PINZE PER MANDRINI A FORTE SERRAGGIO
SPANNZANGEN FÜR KRAFTSPANNFUTTER PINCES POUR MANDRINS A FORT SERRAGE
ЦАНГИ ДЛЯ УСИЛЕННЫХ ПАТРОНОВ 铣夹头用夹头





TYPE	D1	D2	L	D NOLE SIZE
K20D..	20	25	50	3;4;5;6;8;10;12;14;16
K32D..	32	37	60	6;8;10;12;14;16;18;20;25

MANUFACTURING SPECIFICATIONS

- For tool shank tolerance h6
- Maximum form and dimensional precision
- Max concentricity error between D and D1: 0,005mm.

CARATTERISTICHE COSTRUTTIVE

- Per utensili con gambo in tolleranza h6
- Altissima precisione dimensionale e di forma
- Max errore di concentricità tra D e D1 - 0,005 mm.

KONSTRUKTIONSDATEN:

- für Werkzeuge mit Schaft Toleranz h6;
- sehr hohe Maß- und Formgenauigkeit;
- Max. Rundlauffehler zwischen D und D1 - 0,005 mm.

CARACTÉRISTIQUES CONSTRUCTIVES:

- pour outils avec queue en tolérance h6;
- très haute précision dimensionnelle et de forme;
- erreur maximale de concentricité entre D et D1 - 0,005 mm.

ТЕХНИЧЕСКИЕ ХАРАКТЕРИСТИКИ

- Для инструментов с допуском h6 на хвостовике
- Максимальная точность обработки
- Максимальное биение диаметра D относительно D1: 0,005mm

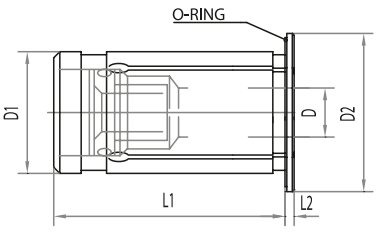
技术参数

- 刀柄公差为H6
- 超大结构和尺寸精度
- D与D1之间最大的同心度误差 0.005mm

06

WATERTIGHT COLLETS PINZE A TENUTA STAGNA
SPANNZANGEN ABGEDICHTET PINCES ETANCHES
ЦАНГИ ДЛЯ ВНУТРЕННЕЙ ПОДАЧИ СОЖ 水密性 夹头





TYPE	D1	D2	L1	L2	D nole size
OGX12D...	12	21	45	2	3;4;5;6;8;
OGX20D...	20	29	50.5	2	3;4;5;6;8;10;12;16
OGX32D...	32	39	60.5	3	6;8;10;12;16;20;25

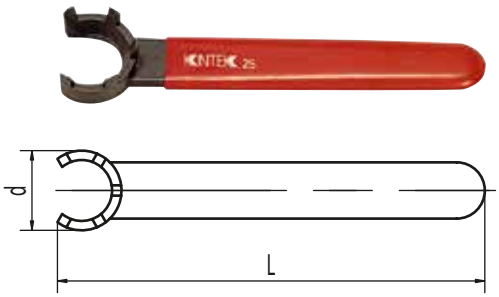
OGX TYPE IS 100% COOLANT WATERPROOF OVER TO 80 BAR.
PLEASE INSERT THE REDUCTION SLEEVE INTO THE CHUCK AFTER INSERT A CUTTING TOOL INTO THE REDUCTION SLEEVE.

WRENCH CHIAVE PER GHIERA ESAGONALE
SPANNSCHLÜSSEL CLES DE SERRAGE
КЛЮЧ ДЛЯ ШЕСТИГРАННОЙ ГАЙКИ 多变形压帽扳手



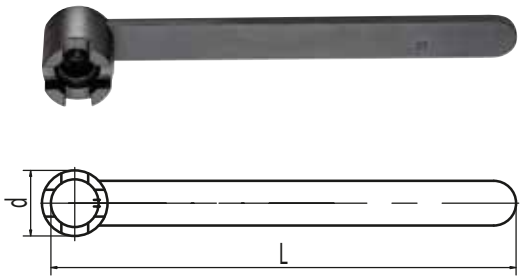
CODE N.	EXA
816-203012	16

WRENCHES FOR MINI NUT
SPANNSCHLÜSSEL FÜR MINI SPANNMUTTER
КЛЮЧИ ДЛЯ МИНИ-ГАЕК
CHIAVI PER GHIERA MINI
CLES DE SERRAGE POUR ECROU MINI
微型螺母用扳手



CODE N.	ER	d	L
816-203007	8M	12,4	70
816-203008	11M	16,8	90
816-203009	16M	22,5	110
816-203010	20M	29	120
816-203011	25M	36	130

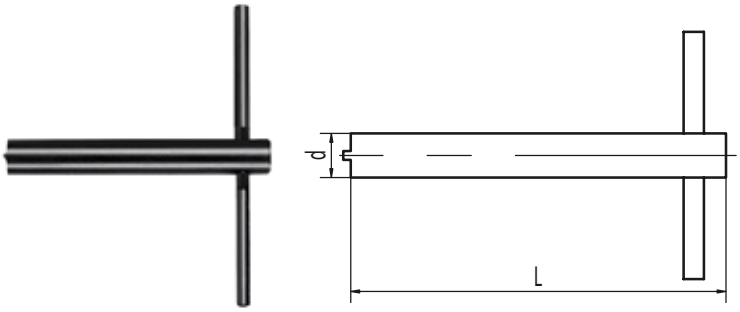
WRENCHES FOR TOOLS RETEINING SCREW
SPANNSCHLÜSSEL FÜR FRÄSERANZUGSSCHRAUBEN
НАКИДНЫЕ КЛЮЧИ ДЛЯ КРЕСТООБРАЗНЫХ ВИНТОВ
CHIAVE PER VITE TESTA A CROCE
CLE A VIS A CROSSE
使螺丝保持就位工具用扳手



CODE N.	SIZE	d	L
816-130002	16/M08	22	180
816-130003	22/M10	28	200
816-130004	27/M12	35	225
816-130005	32/M16	42	250
816-130006	40/M20	52	280
816-130007	50/M24	63	315

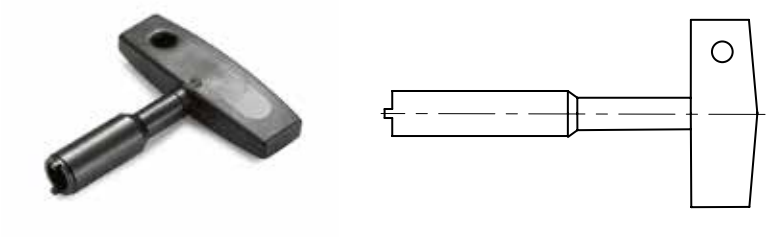
06

WRENCHES FOR LOCKNUT
SPANNSCHLÜSSEL FÜR ÜBERWURFMUTTERN
ПОВОРОТНЫЕ КЛЮЧИ
CHIAVI PER GHIERA DI TENUTA
CLES POUR COLLIERE D'ETANCHEITE
自锁螺母用扳手



CODE N.	SIZE	d	L
816-20204002	M10/MK1	9,9	85
816-20205002	M15/MK2	14,8	110
816-20206002	M20/MK3	19,2	115
816-20207002	M24/MK4	23	140
816-20208002	M36/MK5	37	172

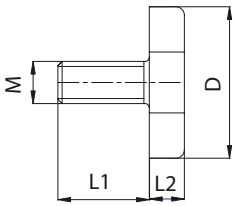
KEY FOR COOLANT SUPPLY UNIT
SPANNSCHLÜSSEL FÜR KÜHLMITTELÜBERGABESATZ
КЛЮЧИ ДЛЯ ВИНТОВ, НАПРАВЛЯЮЩИХ СОЖ
CHIAVE PER ADDUTTORE REFRIGERANTE
CLES POUR LE DISPOSITIF DE TRANSFERT DE LIQUIDE DE LUBRIFICATION
冷却剂供应装置键



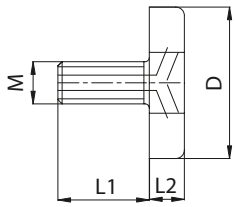
HSK	CODE N.
40	816-204022
63	816-204024
100	816-204025

CROSS HEAD SCREW FOR FACE MILL HOLDERS AND COMBI-SHELL MILL ADAPTORS
VITI TESTA CROCE PER PORTAFRESE FISSI E COMBINATI
KREUZKOPFSCHRAUBEN FUR AUFSTECKFRASDORNE UND KOMBI-AUFSTECKFRASDORNE
VIS CRUCIFORMES POUR PORTE-FRAISES FIXES ET COMBINES
КРЕСТООБРАЗНЫЕ ВИНТЫ К ОПРАВКАМ ДЛЯ НАСАДНЫХ ФРЕЗ
平面铣夹具和复合式平面铣接头十字头螺丝

Type A



Type B

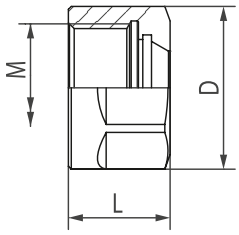




CODE N.	M	D	L1	L2	TYPE
811-107003	M8	20	16	6	A
811-107004	M10	28	18	7	A
811-107005	M12	35	22	8	A
811-107006	M16	42	26	9	A
811-107007	M20	52	30	10	A
811-107009	M24	63	36	12	A
811-107013	M8	20	16	6	B
811-107014	M10	28	18	7	B
811-107015	M12	35	22	8	B
811-107016	M16	42	26	9	B
811-107017	M20	52	30	10	B
811-107027	M24	63	36	12	B

HEXAGONAL NUT
GHIERA ESAGONALE
SECHSKANTMUTTER
ÉCROU HEXAGONAL
ШЕСТИГРАННАЯ ГАЙКА
多边形压帽

DIN6499/ISO15488





CODE N.	EXA	D	L	M
812-203009	16	28	17,5	M22X1,5

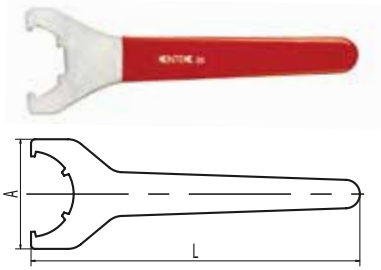
BALANCED NUT
GHIERA BILANCIATA STANDARD
GEWUCHTETE SPANNMUTTER
ECROU EQUILIBRE
СБАЛАНСИРОВАННЫЕ ГАЙКИ
平衡螺母

DIN6499/ISO15488



CODE N.	ER	D	L	M
812-203005	16	32	18	M22X1,5
812-203006	20	35	19	M25X1,5
812-203001	25	42	20	M32X1,5
812-203002	32	50	22.5	M40X1,5
812-203003	40	63	25.5	M50X1,5

WRENCHES FOR STANDARD NUT
CHIAVI PER GHIERA STANDARD
SPANNSCHLÜSSEL FÜR STANDARD SPANNMUTTER
CLES DE SERRAGE POUR ECROU STANDARD
КЛЮЧИ ДЛЯ СТАНДАРТНЫХ ГАЕК
标准螺母用扳手



CODE N.	ER	A	L
816-203000	16	54	165
816-203005	20	60	180
816-203001	25	70	200
816-203002	32	80	250
816-203003	40	95	280

MINI NUT GHIERA MINI
MINI SPANNMUTTER ECROU MINI
МИНИ-ГАЙКИ 微型螺母

DIN6499/ISO15488



CODE N.	ER	D	L	M
812-203011	8M	12	11	M10X0,75
812-203012	11M	16	12	M13X0,75
812-203013	16M	22	18	M19X1
812-203014	20M	28	19	M24X1
812-203015	25M	35	20	M30X1

EOC NUT GHIERA EOC
EOC SPANNMUTTER ECROU EOC
ГАЙКИ EOC EOC 螺母

DIN 6388



CODE N.	EOC	D	L	M
GOC16	16	43	24	M33X1,5
GOC20	20	50	28	M42X2
GOC25	25	60	30	M48X2
GOC32	32	72	34	M60X2,5

06

BALANCED NUT GHIERA BILANCIATA
GEWUCHTETE SPANNMUTTER ECROU EQUILIBRÉ
СБАЛАНСИРОВАННЫЕ ГАЙКИ 平衡螺母

DIN6499/ISO15488

* For balanced toolholders, G2,5 25000 RPM
* Per mandrini bilanciati in classe G2,5 25000 RPM
* Für Aufnahmen mit 25.000 U/m G2,5 Wuchtung
* Pour mandrins équilibrés a 25.000 tours G2,5
* Для сбалансированных оправок с классом G2,5 при 25000 об/мин
* 用于平衡刀柄 G2.5 25000 RPM



CODE N.	ER	D	L	M
812-203069	16	32	18	M22x1,5
812-203070	25	42	20	M32x1,5
812-203071	32	50	22,5	M40x1,5
812-203072	40	63	25,5	M50x1,5

WRENCHES FOR BALANCED NUTS CHIAVI PER GHIERE BILANCIATE
SPANNSCHLÜSSEL CLES DE SERRAGE
КЛЮЧИ ДЛЯ СБАЛАНСИРОВАННЫХ ГАЕК 平衡螺母扳手



CODE N.	TYPE	ER	DIMENSION
816-203031	-	16	30/32
816-203032	-	25	40/42
816-203033	GOC 16/20	32	45/50
816-203034	GOC 25	40	58/62
816-203036	GOC 32	-	68/75

TAPER WIPERS PULITORI PER CONI
KEGELWISCHER CONES DE NETTOYAGE
ПРОТИРОЧНЫЕ КОНУСЫ 锥形刷



CODE N.	
832-021100	HSK40
832-021101	HSK50
832-021102	HSK63
832-021099	HSK100



CODE N.	
832-021103	MK1
832-021104	MK2
832-021105	MK3
832-021106	MK4
832-021107	MK5



CODE N.	
832-021108	SK30
832-021109	SK40
832-021110	SK50

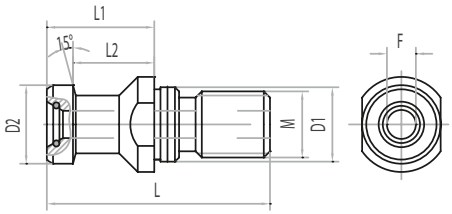
06

SEALED PULL STUDS WITH DOUBLE O-RING FOR HIGH PRESSURE COOLANT
ABGEDICHTETE ANZUGSBOLZEN MIT DOPPELTEM O-RING FÜR HOCHKÜHLMITTELDRUCK
ШТРЕВЕЛЯ С ДВОЙНЫМ УПЛОТНИТЕЛЬНЫМ КОЛЬЦОМ ДЛЯ РАБОТЫ ПОД БОЛЬШИМ ДАВЛЕНИЕМ СОЖ

CODOLI CON DOPPIO O-RING PER REFRIGERANTE AD ALTA PRESSIONE
TIRETTES ETANCHES AVEC DOUBLE O-RING POUR ARROSAGE A' HAUTE PRESSION
用于高压冷却剂带双O环的密封拉钉

DIN 69872





CODE N.	ISO	M	D1	D2	L	L1	L2	F
217-21307	40	M16	17	19	54	26	20	7
217-21308	40	M16	17	19	54	29	23	7
217-21309	50	M24	25	28	74	34	25	11,5

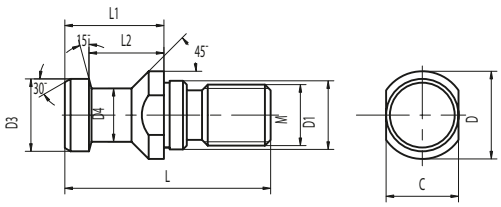
DIN 69872 PULL STUDS CODOLI DI AGGANCIO DIN 69872
SPANNBOLZEN DIN 69872 TIRETTES DIN 69872
ТЯНУЩИЕ ШТАНГИ DIN 69872 DIN 69872 拉动式双头螺柱

DIN 69872

Not drilled • Non forato • Ohne Bohrung • Non Percée • Без отверстия • 未钻孔的

DIN 69872 B



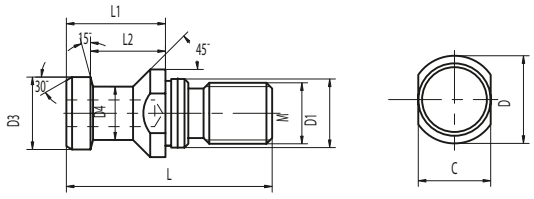


CODE N.	ISO	M	D	D1	D3	D4	L	L1	L2	C
217-21206	30	M12	17	13	13	9	44	24	19	14
217-21207	40	M16	23	17	19	14	54	26	20	19
217-21208	50	M24	36	25	28	21	74	34	25	30

Not drilled • Non forato • Ohne Bohrung • Non Percée • Без отверстия • 未钻孔的
With O'ring • Con OR di tenuta • Mit O'Ring • Avec joint torique • С кольцом • 带O'令

DIN 69872 B



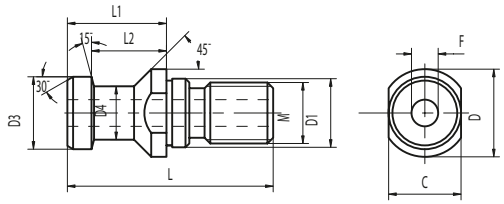


CODE N.	ISO	M	D	D1	D3	D4	L	L1	L2	C
217-21301	40	M16	23	17	19	14	54	26	20	19
217-21302	50	M24	36	25	28	21	74	34	25	30

Drilled • Forato • Gebohrt • Percée • С отверстием • 钻孔的

DIN 69872 A



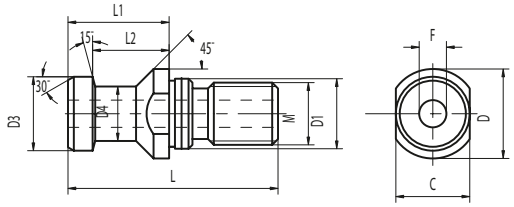


CODE N.	ISO	M	D	D1	D3	D4	L	L1	L2	C	f
217-21201	40	M16	23	17	19	14	54	26	20	19	7
217-21202	50	M24	36	25	28	21	74	34	25	30	11,5

Drilled • Forato • Gebohrt • Percée • С отверстием • 钻孔的
With O'ring • Con OR di tenuta • Mit O'Ring • Avec joint torique • С кольцом • 带O'令

DIN 69872 A





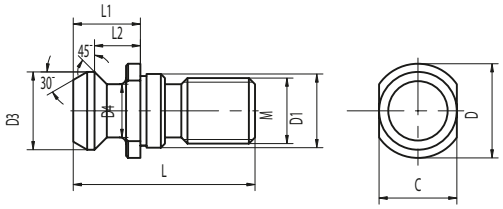
CODE N.	ISO	M	D	D1	D3	D4	L	L1	L2	C	f
217-21305	40	M16	23	17	19	14	54	26	20	19	7
217-21306	50	M24	36	25	28	21	74	34	25	30	11,5

ISO 7388/2-B PULL STUDS CODOLI DI AGGANCIO ISO 7388/2-B
SPANNBOLZEN ISO 7388/2-B TIRETTES ISO 7388/2-B
ТЯНУЩИЕ ШТАНГИ ISO 7388/2-B ISO 7388/2-B 拉动式双头螺柱

ISO 7388/2-B

Not drilled • Non forato • Ohne Bohrung • Non Percée • Без отверстия • 未钻孔的

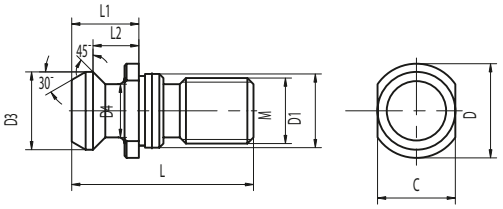




CODE N.	ISO	M	D	D1	D3	D4	L	L1	L2	C
217-21608	40	M16	22,5	17	18,9	12,9	44,5	16,4	11,2	18
217-21609	50	M24	37	25	29,1	19,6	65,5	25,5	17,9	30

Not drilled • Non forato • Ohne Bohrung • Non Percée • Без отверстия • 未钻孔的
With O'ring • Con OR di tenuta • Mit O'Ring • Avec joint torique • С кольцом • 带O'令

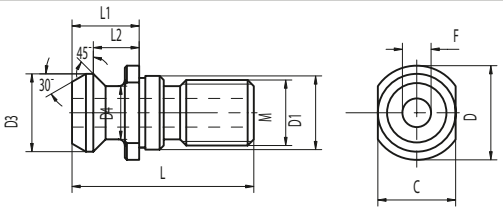




CODE N.	ISO	M	D	D1	D3	D4	L	L1	L2	C
217-21611	40	M16	22,5	17	18,9	12,9	44,5	16,4	11,2	18
217-21612	50	M24	37	25	29,1	19,6	65,5	25,5	17,9	30

Drilled • Forato • Gebohrt • Percée • С отверстием • 钻孔的

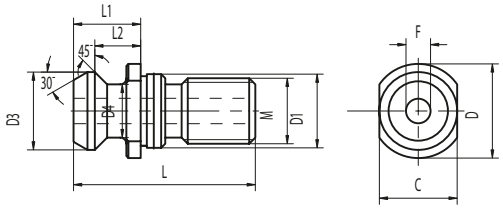




CODE N.	ISO	M	D	D1	D3	D4	L	L1	L2	C	f
217-21601	40	M16	22,5	17	18,9	12,9	44,5	16,4	11,2	18	7,3
217-21602	50	M24	37	25	29,1	19,6	65,5	25,5	17,9	30	11,5

Drilled • Forato • Gebohrt • Percée • С отверстием • 钻孔的
With O'ring • Con OR di tenuta • Mit O'Ring • Avec joint torique • С кольцом • 带O'令



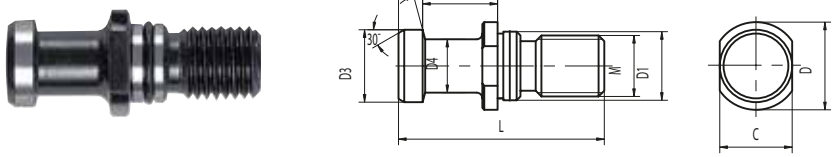


CODE N.	ISO	M	D	D1	D3	D4	L	L1	L2	C	f
217-21621	40	M16	22,5	17	18,9	12,9	44,5	16,4	11,2	18	7,3
217-21622	50	M24	37	25	29,1	19,6	65,5	25,5	17,9	30	11,5

ISO 7388/2-A PULL STUDS | CODOLI DI AGGANCIO ISO 7388/2-A
SPANNBOLZEN ISO 7388/2-A | TIRETTES ISO 7388/2-A
ТЯНУЩИЕ ШТАНГИ ISO 7388/2-A | ISO 7388/2-A 拉动式双头螺柱

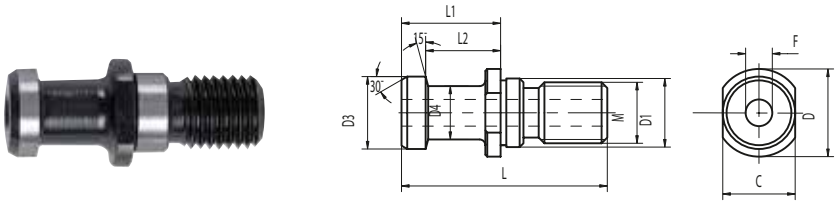
ISO 7388/2-A

Not drilled • Non forato • Ohne Bohrung • Non Percée • Без отверстия • 未钻孔的
With O'ring • Con OR di tenuta • Mit O'Ring • Avec joint torique • С кольцом • 带O'令



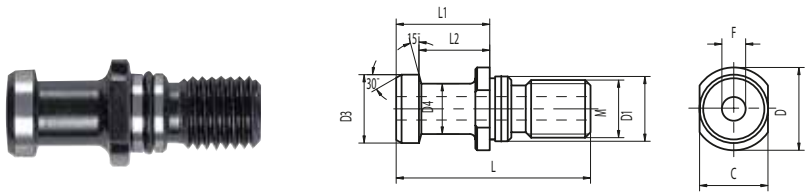
CODE N.	ISO	M	D	D1	D3	D4	L	L1	L2	C
217-21619	40	M16	23	17	19	14	54	26	20	19
217-21620	50	M24	36	25	28	21	74	34	25	30

Drilled • Forato • Gebohrt • Percée • С отверстием • 钻孔的



CODE N.	ISO	M	D	D1	D3	D4	L	L1	L2	C	f
217-21614	40	M16	23	17	19	14	54	26	20	19	7
217-21615	50	M24	36	25	28	21	74	34	25	30	11,5

Gebohrt • Drilled • Percée • Forato • С отверстием • 钻孔的
Mit O'Ring • With O'ring • Avec joint torique • Con OR di tenuta • С кольцом • 带O'令



CODE N.	ISO	M	D	D1	D3	D4	L	L1	L2	C	f
217-21623	40	M16	23	17	19	14	54	26	20	19	7
217-21624	50	M24	36	25	28	21	74	34	25	30	11,5

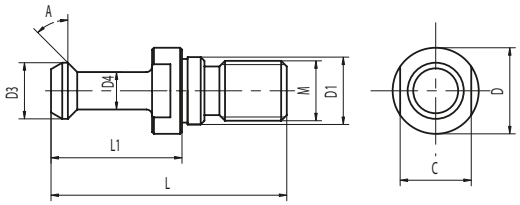
KINTEK®
COMPONENTI INNOVATIVI TECNOMECCANICI

MAS-BT PULL STUDS | CODOLI DI AGGANCIO MAS-BT
SPANNBOLZEN ISO MAS-BT | TIRETTES MAS-BT
ТЯНУЩИЕ ШТАНГИ MAS-BT | MAS-BT 拉动式双头螺柱

MAS-BT

Not drilled • Non forato • Ohne Bohrung • Non Percée • Без отверстия • 未钻孔的

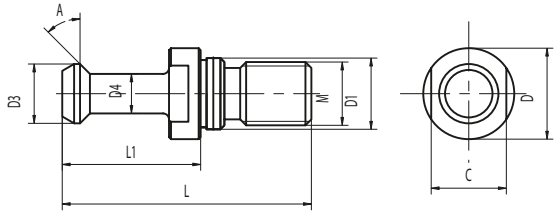




CODE N.	ISO	A	M	L1	L	D	D1	D3	D4	C
217-21508	30	30°	M12	23	43	16	12,5	11	7	13
217-21507	30	45°	M12	23	43	16	12,5	11	7	13
217-21502	40	30°	M16	35	60	23	17	15	10	19
217-21501	40	45°	M16	35	60	23	17	15	10	19
217-21503	40	90°	M16	35	60	23	17	15	10	19
217-21505	50	30°	M24	45	85	38	25	23	17	30
217-21504	50	45°	M24	45	85	38	25	23	17	30
217-21506	50	90°	M24	45	85	38	25	23	17	30

Not drilled • Non forato • Ohne Bohrung • Non Percée • Без отверстия • 未钻孔的
With O'ring • Con OR di tenuta • Mit O'Ring • Avec joint torique • С кольцом • 带O'令

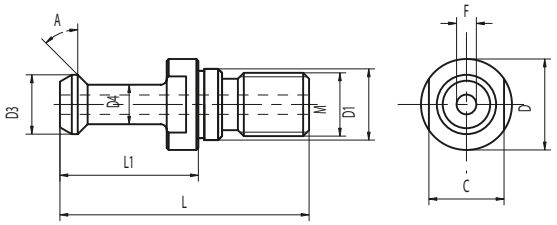




CODE N.	ISO	A	M	L1	L	D	D1	D3	D4	C
217-21401	40	30°	M16	35	60	23	17	15	10	19
217-21402	40	45°	M16	35	60	23	17	15	10	19
217-21403	40	90°	M16	35	60	23	17	15	10	19
217-21404	50	30°	M24	45	85	38	25	23	17	30
217-21405	50	45°	M24	45	85	38	25	23	17	30
217-21406	50	90°	M24	45	85	38	25	23	17	30

Drilled • Forato • Gebohrt • Percée • С отверстием • 钻孔的





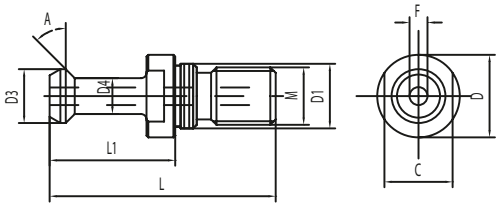
CODE N.	ISO	A	M	L1	L	D	D1	D3	D4	C	F
217-22206	40	30°	M16	35	60	23	17	15	10	19	4
217-22207	40	45°	M16	35	60	23	17	15	10	19	4
217-22208	40	90°	M16	35	60	23	17	15	10	19	4
217-22209	50	30°	M24	45	85	38	25	23	17	30	6
217-22210	50	45°	M24	45	85	38	25	23	17	30	6
217-22211	50	90°	M24	45	85	38	25	23	17	30	6

MAS-BT PULL STUDS | CODOLI DI AGGANCIO MAS-BT
SPANNBOLZEN MAS-BT | TIRETTES MAS-BT
ТЯНУЩИЕ ШТАНГИ MAS-BT | MAS-BT 拉动式双头螺柱

MAS-BT

Drilled • Forato • Gebohrt • Percée • С отверстием • 钻孔的
With O'ring • Con OR di tenuta • Mit O'Ring • Avec joint torique • С кольцом • 带O'令



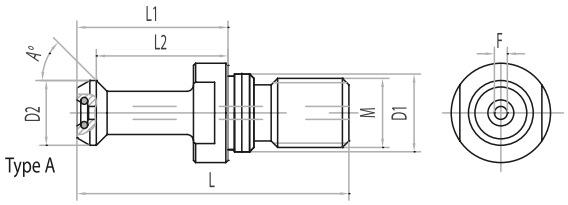


CODE N.	ISO	A	M	L1	L	D	D1	D3	D4	C	F
217-22316	40	30°	M16	35	60	23	17	15	10	19	4
217-22317	40	45°	M16	35	60	23	17	15	10	19	4
217-22318	40	90°	M16	35	60	23	17	15	10	19	4
217-22319	50	30°	M24	45	85	38	25	23	17	30	6
217-22320	50	45°	M24	45	85	38	25	23	17	30	6
217-22321	50	90°	M24	45	85	38	25	23	17	30	6

SEALED PULL STUDS WITH DOUBLE O-RING FOR HIGH PRESSURE COOLANT | CODOLI CON DOPPIO O-RING PER REFRIGERANTE AD ALTA PRESSIONE
ABGEDICHTETE ANZUGSBOLZEN MIT DOPPELTEM O-RING FÜR HOCHKÜHLMITTELDRUCK | TIRETTES ETANCHES AVEC DOUBLE O-RING POUR ARROSAGE A' HAUTE PRESSION
ШТРЕВЕЛЯ С ДВОЙНЫМ УПЛОТНИТЕЛЬНЫМ КОЛЬЦОМ ДЛЯ РАБОТЫ ПОД БОЛЬШИМ ДАВЛЕНИЕМ СОЖ | 用于高压冷却剂带双O环的密封拉钉

MAS-BT





CODE N.	ISO	A	M	L1	L2	L	D1	D2	F	TYPE
217-21412	50	45°	M24	45	35	85	25	23	6	A
217-21413	50	60°	M24	45	35	85	25	23	6	A
217-21414	50	90°	M24	45	35	85	25	23	6	A

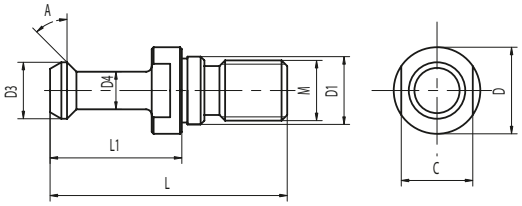


MAS-BT->DIN 69871 PULL STUDS
SPANNBOLZEN MAS-BT->DIN 69871
ТЯНУЩИЕ ШТАНГИ MAS-BT -> DIN 69871
CODOLI DI AGGANCIO MAS-BT->DIN 69871
TIRETTES MAS-BT->DIN 69871
MAS-BT->DIN 69871 拉动式双头螺柱

MAS-BT->DIN 69871

Not drilled • Non forato • Ohne Bohrung • Non Percée • Без отверстия • 未钻孔的

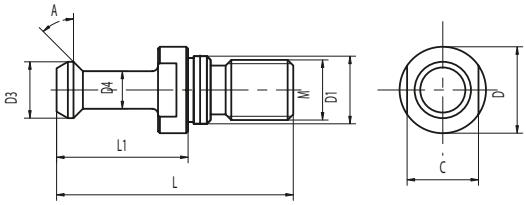




CODE N.	ISO	A	M	L1	L	D	D1	D3	D4	C
217-22090	40	45°	M16	32	57	23	17	15	10	19
217-22027	40	90°	M16	32	57	23	17	15	10	19

Not drilled • Non forato • Ohne Bohrung • Non Percée • Без отверстия • 未钻孔的
With O'ring • Con OR di tenuta • Mit O'Ring • Avec joint torique • С кольцом • 带O'令

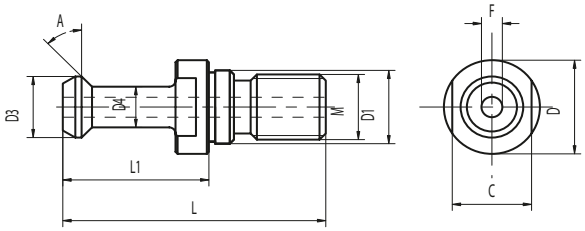




CODE N.	ISO	A	M	L1	L	D	D1	D3	D4	C
217-21408	40	45°	M16	32	57	23	17	15	10	19
217-21409	40	90°	M16	32	57	23	17	15	10	19

Drilled • Forato • Gebohrt • Percée • С отверстием • 钻孔的

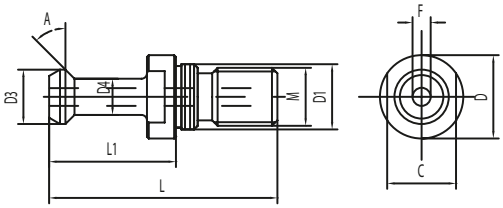




CODE N.	ISO	A	M	L1	L	D	D1	D3	D4	C	F
217-22213	40	45°	M16	32	57	23	17	15	10	19	4

Drilled • Forato • Gebohrt • Percée • С отверстием • 钻孔的
With O'ring • Con OR di tenuta • Mit O'Ring • Avec joint torique • С кольцом • 带O'令



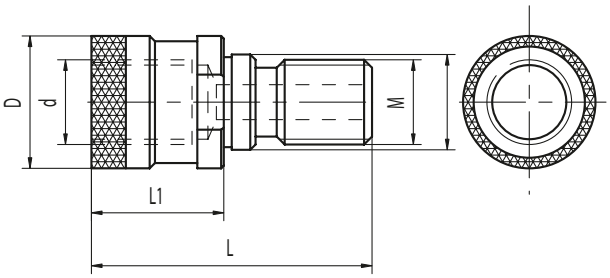


CODE N.	ISO	A	M	L1	L	D	D1	D3	D4	C	F
217-22322	40	30°	M16	32	57	23	17	15	10	19	4
217-22323	40	45°	M16	32	57	23	17	15	10	19	4

ADAPTOR PULL STUDS ACCORDING TO DIN 2080 — CODOLO ADATTATORE DIN 2080
SPANNBOLZEN MIT RINGNUT NACH DIN 2080 — ADAPTATION SUIVANT DIN 2080
ПЕРЕХОДНИКИ К ТЯНУЩИМ ШТАНГАМ ПО DIN 2080 — 符合 DIN 2080 标准的拉动式双头螺柱接头

DIN 2080





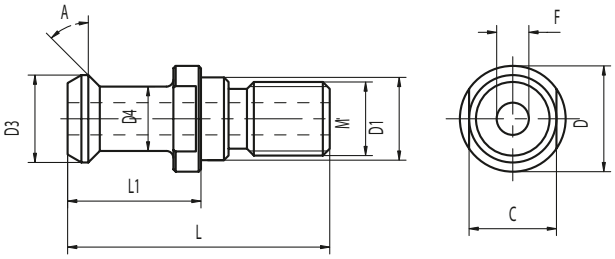
CODE N.	ISO	M	d	D	D1	L	L1
217-22025	TC40	M16	M16	25.3	17	53	25
217-22040	BT40	M16	M16	25.3	17	56	28
217-22024	50	M24	M24	39,6	25	65	25

JIS. B6339 PULL STUD — CODOLO DI AGGANCIO JIS. B6339
SPANNBOLZEN JIS. B6339 — TIRETTE JIS. B6339
ТЯНУЩИЕ ШТАНГИ ПО JIS. B6339 — JIS. B6339*双头螺柱

JIS. B6339

Drilled • Forato • Gebohrt • Percée • С отверстием • 钻孔的

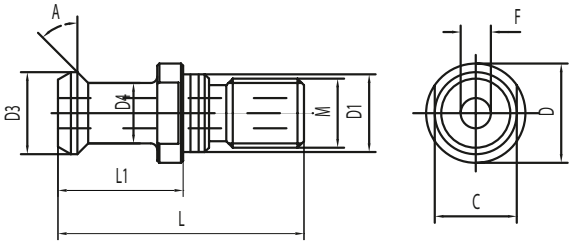




CODE N.	ISO	A	M	D	D1	D3	D4	L	L1	C	F
217-22325	30	15°	M12	16,5	12,5	12	8	43	23,4	14	4
217-22134	40	15°	M16	23	17	19	14	54	29	19	7

Drilled • Forato • Gebohrt • Percée • С отверстием • 钻孔的
With O'ring • Con OR di tenuta • Mit O'Ring • Avec joint torique • С кольцом • 带O'令



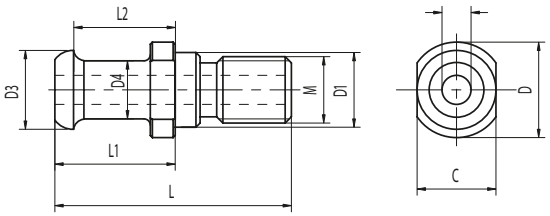


CODE N.	ISO	A	M	D	D1	D3	D4	L	L1	C	F
217-22326	40	15°	M16	23	17	19	14	54	29	19	4
217-22327	40	15°	M16	23	17	19	14	54	29	19	7
217-22328	50	15°	M24	38	25	28	21	74	34	30	10

CB FERRARI PULL STUD
SPANNBOLZEN CB FERRARI
ТЯНУЩИЕ ШТАНГИ ДЛЯ СТАНКОВ CB FERRARI
CODOLO DI AGGANCIO CB FERRARI
TIRETTE CB FERRARI
CB 法拉利拉动式双头螺柱

CB FERRARI



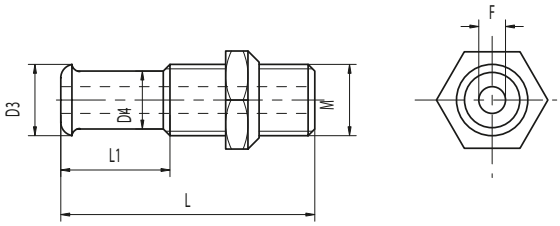


CODE N.	ISO	M	D	D1	D3	D4	L	L1	L2	C	F
217-22017	40	M16	23	17	19	15	54	26	20,31	19	5

JIS. B6339 PULL STUD
SPANNBOLZEN CB FERRARI WITH NUT PULL STUD
ТЯНУЩИЕ ШТАНГИ ДЛЯ СТАНКОВ CB FERRARI
CODOLO DI AGGANCIO CB FERRARI
TIRETTE CB FERRARI AVEC ECROU
JIS. B6339 拉动式双头螺柱

CB FERRARI





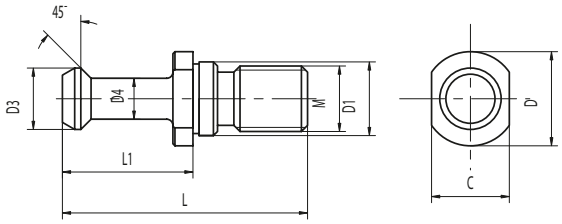
CODE N.	ISO	M	D3	D4	L	L1	F
217-22046	40	M16	16	12	57	23	5

06

CHIRON PULL STUD
SPANNBOLZEN CHIRON
ТЯНУЩИЕ ШТАНГИ ДЛЯ СТАНКОВ CHIRON
CODOLO DI AGGANCIO CHIRON
TIRETTE CHIRON
凯龙拉动式双头螺柱

CHIRON



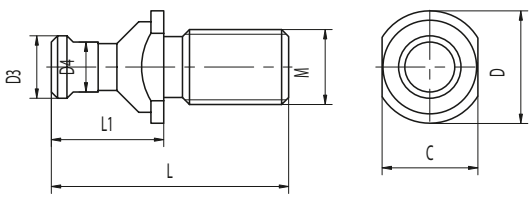


CODE N.	ISO	M	D	D1	D3	D4	L	L1	C
217-22048	30	M12	16	13	10	6	36	20	14

CORREA PULL STUD
SPANNBOLZEN CORREA
ТЯНУЩИЕ ШТАНГИ ДЛЯ СТАНКОВ CORREA
CODOLO DI AGGANCIO CORREA
TIRETTE CORREA
科里亚拉动式双头螺柱

CORREA



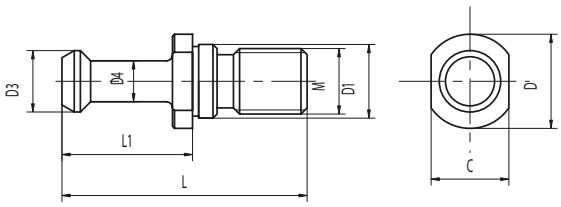


CODE N.	ISO	M	D	D3	D4	L	L1	C
217-22135	50	M24	36	20	16	76	36	30

FAMUP TYPE PULL STUDS — CODOLI DI AGGANCIO TIPO FAMUP
SPANNBOLZEN TYP FAMUP — TIRETTES TYPE FAMUP
ТЯНУЩИЕ ШТАНГИ ДЛЯ СТАНКОВ FAMUP — FAMUP 类型拉动式双头螺柱

FAMUP



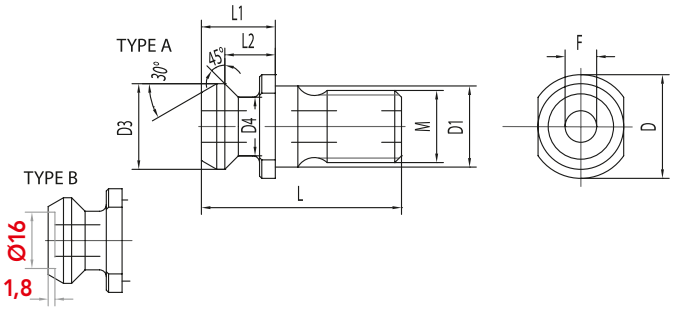


CODE N.	ISO	M	D	D1	D3	D4	L	L1	C
217-22137	30	M12	16	13	9,8	5,8	40	20	14
217-22051	40	M16	23	17	13,8	9,8	55	27	19

MAZAK TYPE PULL STUDS — CODOLI DI AGGANCIO TIPO MAZAK
SPANNBOLZEN TYP MAZAK — TIRETTES TYPE MAZAK
ТЯНУЩИЕ ШТАНГИ ДЛЯ СТАНКОВ MAZAK — MAZAK 型拉动式双头螺柱

MAZAK



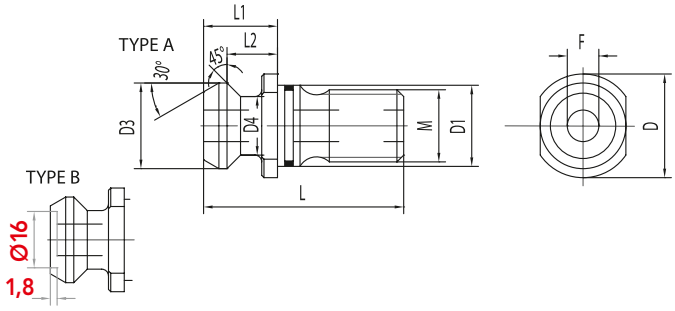


CODE N.	ISO	M	D	D1	D3	D4	L	L1	L2	F	TYPE	SUITABLE FOR
217-22003	40	M16	21,8	17	18,79	12,44	41,25	16,25	11,17	7	A	DIN69871/CAT40
217-22047	40	M16	22	17	18,79	12,44	44,1	19,1	14,02	7	A	MAS BT40
217-22187	50	M24	35,5	25	28,95	20.8	65.4	25.4	17.78	10	B	DIN69871/CAT50
217-22355	50	M24	37	25	28,95	20.8	65.2	25.2	17.58	10	B	MAS BT50
217-22356	50	M24	37	25	28,95	20.8	65.2	25.2	17.58	10	A	MAS BT50

Drilled • Forato • Gebohrt • Percée • С отверстием • 钻孔的
With O'ring • Con OR di tenuta • Mit O'Ring • Avec joint torique • С кольцом • 带O'令

MAZAK



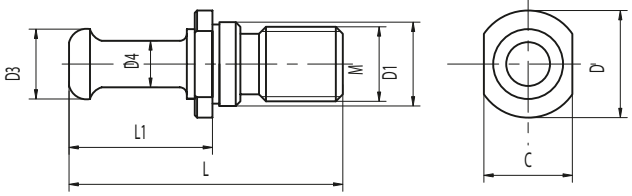


CODE N.	ISO	M	D	D1	D3	D4	L	L1	L2	F	TYPE	SUITABLE FOR
217-22313	40	M16	21,8	17	18,79	12,44	41,25	16,25	11,17	7	A	DIN69871/CAT40
217-22314	40	M16	22	17	18,79	12,44	44,1	19,1	14,02	7	A	MAS BT40
217-22315	50	M24	35,5	25	28,95	20.8	65.4	25.4	17.78	10	B	DIN69871/CAT50
217-22357	50	M24	37	25	28,95	20.8	65.2	25.2	17.58	10	B	MAS BT50
217-22358	50	M24	37	25	28,95	20.8	65.2	25.2	17.58	10	A	MAS BT50

RAMBAUDI

RAMBAUDI TYPE PULL STUDS
SPANNBOLZEN TYP RAMBAUDI
ТЯНУЩИЕ ШТАНГИ ДЛЯ СТАНКОВ RAMBAUDI
CODOLO DI AGGANCIO TIPO RAMBAUDI
TIRETTES TYPE RAMBAUDI
RAMBAUDI 型拉动式双头螺柱



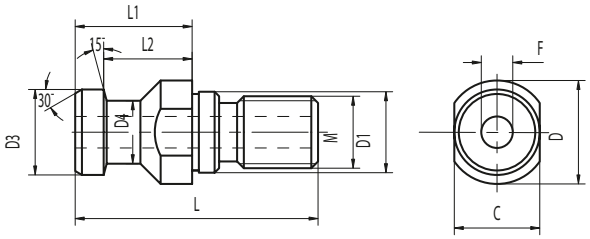


CODE N.	ISO	M	D	D1	D3	D4	L	L1	C
217-22049	40	M16	24	17	14,6	10	52	27	19
217-22050	50	M24	35,8	25	20	16	79,5	39,5	30

BRIDGEPORT

BRIDGEPORT PULL STUD
SPANNBOLZEN BRIDGEPORT
ТЯНУЩИЕ ШТАНГИ ДЛЯ СТАНКОВ БРИДЖПОРТ
CODOLO DI AGGANCIO BRIDGEPORT
TIRETTE BRIDGEPORT
BRIDGEPORT 拉动式双头螺柱





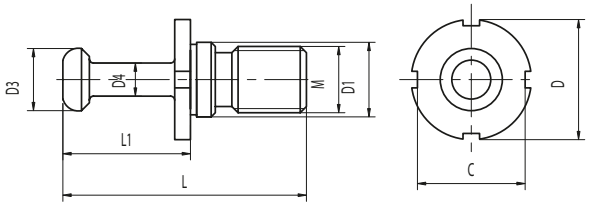
CODE N.	ISO	M	D	D1	D3	D4	L	L1	L2	C	F
217-22253	40	M16	23	17	19	14	54	29	23	19	7

06

SECMU

SECMU PULL STUD
SPANNBOLZEN SECMU
ТЯНУЩИЕ ШТАНГИ ДЛЯ СТАНКОВ SECMU
CODOLO DI AGGANCIO SECMU
TIRETTE SECMU
SECMU 拉动式双头螺柱



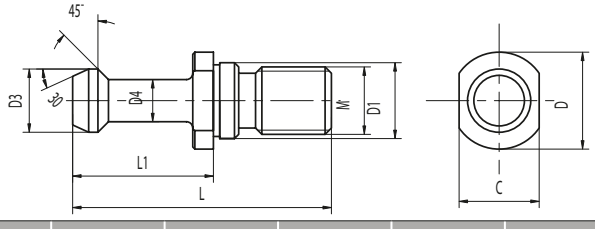


CODE N.	ISO	M	D	D1	D3	D4	L	L1	C
217-22138	50	M24	40	25	17,5	9,8	64	29	36

CINCINNATI

CINCINNATI PULL STUD
SPANNBOLZEN CINCINNATI
ТЯНУЩИЕ ШТАНГИ ДЛЯ СТАНКОВ CINCINNATI
CODOLO DI AGGANCIO CINCINNATI
TIRETTE CINCINNATI
辛辛那提拉动式双头螺柱



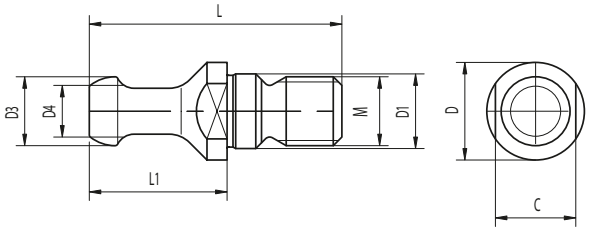


CODE N.	ISO	M	D	D1	D3	D4	L	L1	C	F
217-22010	40	M16	22,2	17	15	10,3	67,3	39,4	19	3,8
217-22030	40	M16	22,2	17	15	10,3	67,3	36,6	18	3,8

BIESSE PULL STUD | CODOLO DI AGGANCIO BIESSE
SPANNBOLZEN BIESSE | TIRETTE BIESSE
ТЯНУЩИЕ ШТАНГИ ДЛЯ СТАНКОВ BIESSE | BIESSE 拉动式双头螺柱

BIESSE



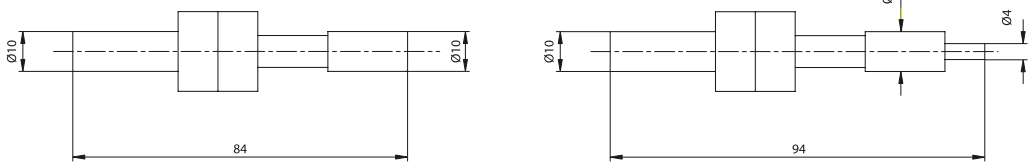


CODE N.	ISO	M	D	D1	D3	D4	L	L1	C
217-22158	30	M12	17	13	12	8	44	24	14

EDGE FINDER MECHANICAL | TASTATORE MECCANICO
KANTENTASTER MECHANISCH | PINULE DE CENTRAGE MECANIQUE
ЦЕНТРОИСКАТЕЛИ | 偏心式巡边器



CODE N.		L	D
832-021113	10 x 10	84	10
832-021114	10 x 4	94	4



ASSEMBLY SUPPORT ECONOMIC VERSION | SUPPORT D'ASSEMBLAGE
MONTAGEBLOCK | SUPPORTO DI MONTAGGIO VERSIONE ECONOMICA
УСТРОЙСТВО ДЛЯ СБОРКИ ИНСТРУМЕНТА. ЭКОНОМИЧНАЯ ВЕРСИЯ. | 经济型支撑组件

CODE N.	ISO	ATTACK
268-30001	40	DIN 2080/DIN 69871 MAS 403BT / ANSI B5.50 CAT / HSK63A-C-D-E
268-30002	50	DIN 2080/DIN 69871 MAS 403BT / ANSI B5.50 CAT / HSK 100A-C-D-E



ECONOMIC VERSION

ASSEMBLY SUPPORTS
MONTAGEBLOCK
СТОЙКА ДЛЯ СБОРКИ ИНСТРУМЕНТА
SUPPORTO DI MONTAGGIO
SUPPORTS D'ASSEMBLAGE
支撑组件

It is very useful for all assembly and disassembly operations of the tools on the toolholders, either in horizontal or in vertical position. This process is carried out without any risk to damage casually the tool or the toolholder. It is a very simple system suitable for monolithic toolholders.

Consente di effettuare tutte le operazioni di montaggio e smontaggio degli utensili sui mandrini, sia in orizzontale che in verticale. Questi procedimenti avvengono con razionalitá, sicurezza, rapiditá e senza alcun rischio di danneggiare il mandrino o l'utensile. È il sistema che offre la massima semplicitá d'uso per i mandrini monolitici.

Dieses unkompliziertes System erlaubt die schnelle und sichere Montage und Demontage von Steilkegelaufnahmen in horizontaler und vertikaler Lage. Das Risiko der Werkzeugbeschädigung ist ausgeschlossen. Dieses einfache und sichere System eignet sich für alle Steilkegelaufnahmen.

Il permets d'effectuer toutes les opérations de montage / assemblage / démontage des outils sur les mandrins. Ces proces se déroulent avec rationalité, sureté, vitesse et sans aucun risque d'endommagement accidentel du mandrin ou de l'outil. C'est un systéme qui offre la plus haute simplicité d'usage et il est bien indiqué pour les mandrin monolitiques.

Приспособление очень удобно для операций сборки и демонтажа инструмента, как в вертикальном, так и в горизонтальном положении. Оно позволяет избежать повреждения оправок или режущего инструмента. Это простое приспособление подходит для монолитных оправок.

它对于所有将工具以垂直或水平方向安装在刀柄上和从刀柄上拆除，均非常有用。这一过程的执行不会对工具或刀柄产生任何破坏的风险。这一非常简单的系统适用于整体式刀柄。



CODE N.	ISO	ATTACK
237-32110	30	DIN 2080
237-32310	40	DIN 2080
237-32510	50	DIN 2080
237-32120	30	DIN 69871
237-32320	40	DIN 69871
237-32520	50	DIN 69871
237-32130	30	MAS 403/BT
237-32330	40	MAS 403/BT
237-32530	50	MAS 403/BT
237-33320	40	DIN 69871-DOUBLE CONTACT
237-33520	50	DIN 69871-DOUBLE CONTACT
237-33120	30	MAS 403/BT-DOUBLE CONTACT
237-33330	40	MAS 403/BT-DOUBLE CONTACT
237-33530	50	MAS 403/BT-DOUBLE CONTACT

EXTENSION COLLET CHUCKS KITS
ZYLINDRISCHE SPANNFUTTER-SATZ
НАБОРЫ УДЛИНИТЕЛЕЙ С ЦАНГАМИ
KIT PORTAPINZE CILINDRICI
JEUX PORTE-PINCES À QUEUE CYLINDRIQUE
加长夹头变径套组套

CODICE CODE	DESCRIZIONE DESCRIPTION
KIT PPC-ER16M	N°1 portapinze cilindrici Ø 12x80 ER16M N°1 portapinze cilindrici Ø 16x130 ER16M N°1 portapinze cilindrici Ø 20x160 ER16M N°10 pinze ER16 (Ø 1 2 3 4 5 6 7 8 9 10) N°1 chiave per ER16M N°1 extension collet chuck Ø 12x80 ER16M N°1 extension collet chuck Ø 16x125 ER16M N°1 extension collet chuck Ø 20x160 ER16M N°10 collets ER16 (Ø 1 2 3 4 5 6 7 8 9 10) N°1 wrench ER16M



TOOL HOLDERS KIT KIT MANDRINI
SK-SPANNFUTTERSATZ JEUX PORTE-PINCES
НАБОРЫ ИНСТРУМЕНТАЛЬНЫХ ОПРАВОК 刀柄组套



ISO 40

CODE DIN 69871	CODE MAS 403/BT	DESCRIZIONE DESCRIPTION	
KIT MAN TC 40	KIT MAN BT 40	N°2 portapinze ER25	N°2 collet chucks ER25
		N°5 portapinze ER32	N°5 collet chucks ER32
		N°1 portafrese fisso D16	N°1 milling arbor D16
		N°1 portafrese fisso D22	N°1 milling arbor D22
		N°1 portafrese fisso D27	N°1 milling arbor D27
		N°1 portafrese weldon Ø16	N°1 side lock holder Ø16
		N°1 portafrese weldon Ø20	N°1 side lock holder Ø20
		N°1 portafrese weldon Ø25	N°1 side lock holder Ø25
		N°1 portapunte CM2	N°1 adaptor mills/drills MT2
		N°1 portapunte CM3	N°1 adaptor mills/drills MT3
		N°1 maschiatore M3-M12	N°1 tap holder M3-M12
		N°5 bussole portamaschi (Ø4.5-6-8-9-10)	N°5 tap adaptors (Ø4.5-6-8-9-10)
		N°10 pinze ER25 (Ø2 3 4 5 6 10 12 14 16)	N°10 collets ER25 (Ø2 3 4 5 6 10 12 14 16)
		N°10 pinze ER32 (Ø3 4 6 8 10 12 14 16 18 20)	N°10 collets ER32 (Ø3 4 6 8 10 12 14 16 18 20)
		N°1 chiave per ER25	N°1 wrench ER25
		N°1 chiave per ER32	N°1 wrench ER32



ISO 50

CODE DIN 69871	CODE MAS 403/BT	DESCRIZIONE DESCRIPTION	
KIT MAN TC 50	KIT MAN BT 50	N°1 portapinze ER25	N°1 collet chuck ER25
		N°1 portapinze ER25 prolungato	N°1 collet chuck ER25 extended
		N°3 portapinze ER32	N°3 collet chucks ER32
		N°1 portapinze ER32 prolungato	N°1 collet chuck ER32 extended
		N°1 portafrese fisso D22	N°1 milling arbor D22
		N°1 portafrese fisso D27	N°1 milling arbor D27
		N°1 portafrese fisso D32	N°1 milling arbor D32
		N°1 portafrese weldon Ø16	N°1 side lock holder Ø16
		N°1 portafrese weldon Ø20	N°1 side lock holder Ø20
		N°1 portafrese weldon Ø25	N°1 side lock holder Ø25
		N°1 portafrese weldon Ø32	N°1 side lock holder Ø32
		N°1 portapunte CM2	N°1 adaptor mills/drills MT2
		N°1 portapunte CM3	N°1 adaptor mills/drills MT3
		N°1 maschiatore M6-M20	N°1 tap holder M6-M20
		N°5 bussole portamaschi (Ø6 8 10 12 16)	N°5 tap adaptors (Ø6 8 10 12 16)
		N°10 pinze ER25 (Ø2 3 4 5 6 8 10 12 14 16)	N°10 collets ER25 (Ø2 3 4 5 6 8 10 12 14 16)
		N°10 pinze ER32 (Ø3 4 6 8 10 12 14 16 18 20)	N°10 collets ER32 (Ø3 4 6 8 10 12 14 16 18 20)
		N°1 chiave per ER25	N°1 wrench ER25
		N°1 chiave per ER32	N°1 wrench ER32