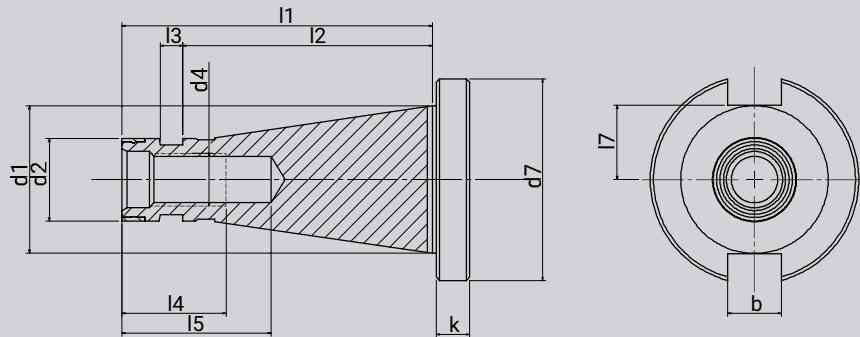




DIN 2080



CONO	$a \pm 0,2$	$b \text{ h}12$	d1	d2	d4	d7	k	l1	l2	l3	l4	l5 min	l7 max
30	1,6	16,1	31,75	17,4	M12	50,0	8	68,4	48,4	3	24	50	16,2
40	1,6	16,1	44,45	25,3	M16	63,0	10	93,4	65,4	5	30	70	22,5
50	3,2	25,7	69,85	39,29	M24	97,5	12	126,8	101,8	8	45	90	35,3

Tutti i mandrini portautensili PAGNONI TOOLS vengono prodotti secondo le normative DIN
 All PAGNONI TOOLS toolholders are manufactured according to DIN norms
 Alle PAGNONI TOOLS Aufnahme sind nach DIN Norm produziert
 Tous les mandrins porte-outils PAGNONI TOOLS sont produits suivant les spécifications DIN

DATI TECNICI

TOLLERANZA DEL CONO:

- < AT3 secondo DIN 7187 e DIN 2080

MATERIALI E TRATTAMENTI:

- Acciaio da cementazione legato
- Temprati-rinvenuti
- HRC 58 ±2 – profondità di indurimento 0,4-0,5 mm
- Resistenza 800-1000 N/mm²
- Bruniti dopo trattamento termico
- Rettificati internamente e esternamente

TECHNICAL FEATURES

TAPER'S TOLERANCE:

- < AT3 according to DIN 7187 and DIN 2080

MATERIAL AND SURFACE TREATMENTS:

- Alloyed case-hardened steel
- Hardened-tempered
- Case hardened HRC 58 ± 2 - hardening depth 0,4-0,5 mm
- Strength 800-1000 N/mm²
- Black-finished after hardened
- Internal and external grinding

TECHNISCHE DATEN

AUFNAHME GENAUIGKEIT:

- < AT3 nach DIN 7187 und DIN 2080

WERKSTOFF UND OBERFLÄCHENBEHANDLUNGEN:

- Legierter Einsatzstahl
- Gehärtet und angelassen
- Einsatzgehärtet HRC 58 ± 2, Härtetiefe 0,4-0,5 mm
- Festigkeit 800-1000 N/mm²
- Brüniert nach Wärmebehandlung
- Innen- und Außenschleifen

DONNE TECNIQUE

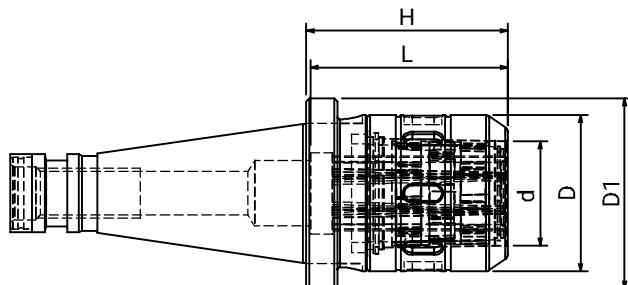
PRECISION:

- Precision du cône < AT3 selon DIN 7187 et DIN 2080

MATÉRIAUX ET TRAITEMENTS:

- Acier de cémentation allié
- Temprés – Revenus
- Cémentation à HRC 58 ± 2, profondeur de cémentation 0,4-0,5 mm
- Résistance 800-1000 N/mm²
- Bruni après traitement thermique
- Rectifié en interne et en externe





COD	CONO	d	H	L	D
530FS116	ISO30	16	65	60	42
530FS120	ISO30	20	80	80	46
540FS120	ISO40	20	65	60	46
540FS132	ISO40	32	80	80	62
550FS120	ISO50	20	60	60	46
550FS132	ISO50	32	80	80	62

ACCESSORI | ACCESSORIES | ZUBEHÖR | ACCESSOIRES

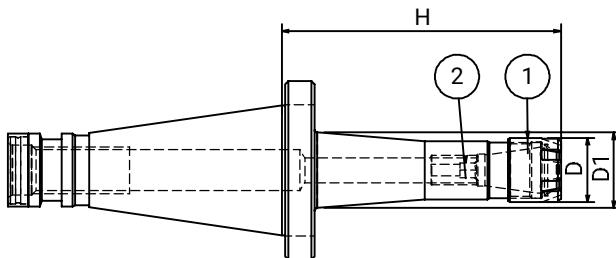


> PAG. 259

MANDRINI PORTAPINZA TIPO ER MINI
ER MINI COLLET CHUCK
ER MINI SPANNZANGERFUTTER
MANDRINS À PINCES TYPE ER MINI

DIN 2080

DIN 6499

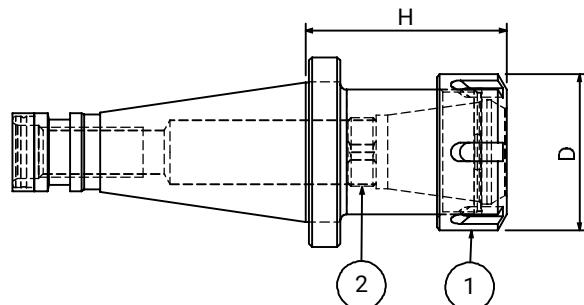


COD	CONO	TIPOLOGIA	H	D	D1	1 - GHIERA	2 - GRANO INTERNO
540PM207	ISO40	ER11MINI	100	16	20	911GHRMN	100601001
540PM210	ISO40	ER16MINI	100	22	26	916GHRMN	101001601
540PM213	ISO40	ER20MINI	100	28	30	920GHRMN	101001601
540PM216	ISO40	ER25MINI	100	35	30	925GHRMN	101815801
540PM410	ISO50	ER16MINI	160	22	28	916GHRMN	101001601
540PM413	ISO40	ER20MINI	160	28	32	920GHRMN	101001601
540PM416	ISO40	ER25MINI	160	35	30	925GHRMN	101815801
550PM210	ISO50	ER16MINI	100	22	26	916GHRMN	101001601
550PM213	ISO50	ER20MINI	100	28	30	920GHRMN	101001601
550PM216	ISO50	ER25MINI	100	35	30	925GHRMN	101815801
550PM410	ISO50	ER16MINI	160	22	26	916GHRMN	101001601
550PM413	ISO50	ER20MINI	160	28	32	920GHRMN	101001601
550PM416	ISO50	ER25MINI	160	35	30	925GHRMN	101815801

MANDRINI PORTAPINZA TIPO ER
ER COLLET CHUCK
ER SPANNZANGERFUTTER
MANDRINS À PINCES TYPE ER

DIN 2080

DIN 6499



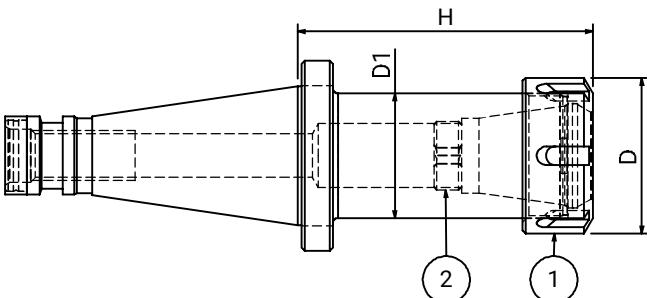
COD	CONO	TIPOLOGIA	H	D	1 - GHIERA	2 - GRANO INTERNO
530PP110	ISO30	ER16	42	32	916GHREQ	101001601
530PP116	ISO30	ER25	42	42	925GHREQ	101001601
530PP120	ISO30	ER32	50	50	932GHREQ	101001601
540PP110	ISO40	ER16	70	32	916GHREQ	101001601
540PP113	ISO40	ER20	70	35	920GHREQ	101001601
540PP116	ISO40	ER25	70	42	925GHREQ	101815801
540PP120	ISO40	ER32	70	50	932GHREQ	102215901
540PP126	ISO40	ER40	70	63	940GHREQ	103015901
550PP110	ISO50	ER16	80	32	916GHREQ	101001601
550PP113	ISO50	ER20	80	35	920GHREQ	101001601
550PP116	ISO50	ER25	80	42	925GHREQ	101815801
550PP120	ISO50	ER32	80	50	932GHREQ	102215901
550PP126	ISO50	ER40	80	63	940GHREQ	103015901

DIN 2080

MANDRINI PORTAPINZA TIPO ER
ER COLLET CHUCK
ER SPANNZANGERFUTTER
MANDRINS À PINCES TYPE ER

DIN 2080

DIN 6499

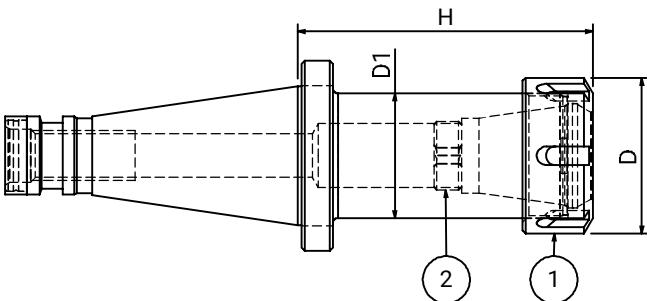


COD	CONO	TIPOLOGIA	H	D	D1	1 - GHIERA	2 - GRANO INTERNO
540PP210	ISO40	ER16	100	32	31,5	916GHREQ	101001601
540PP213	ISO40	ER20	100	35	34,5	920GHREQ	101001601
540PP216	ISO40	ER25	100	42	41,5	925GHREQ	101815801
540PP220	ISO40	ER32	100	50	49,5	932GHREQ	102215901
540PP226	ISO40	ER40	100	63	50,0	940GHREQ	103015901
540PP310	ISO40	ER16	130	32	31,5	916GHREQ	101001601
540PP313	ISO40	ER20	130	35	34,5	920GHREQ	101001601
540PP316	ISO40	ER25	130	42	41,5	925GHREQ	101815801
540PP320	ISO40	ER32	130	50	49,5	932GHREQ	102215901
540PP326	ISO40	ER40	130	63	50,0	940GHREQ	103015901
540PP410	ISO40	ER16	160	32	31,5	916GHREQ	101001601
540PP413	ISO40	ER20	160	35	34,5	920GHREQ	101001601
540PP416	ISO40	ER25	160	42	41,5	925GHREQ	101815801
540PP420	ISO40	ER32	160	50	49,5	932GHREQ	102215901
540PP426	ISO40	ER40	160	63	50,0	940GHREQ	103015901
540PP510	ISO40	ER16	200	32	31,5	916GHREQ	101001601
540PP513	ISO40	ER20	200	35	34,5	920GHREQ	101001601
540PP516	ISO40	ER25	200	42	41,5	925GHREQ	101815801
540PP520	ISO40	ER32	200	50	49,5	932GHREQ	102215901
540PP526	ISO40	ER40	200	63	50,0	940GHREQ	103015901

MANDRINI PORTAPINZA TIPO ER
ER COLLET CHUCK
ER SPANNZANGERFUTTER
MANDRINS À PINCES TYPE ER

DIN 2080

DIN 6499



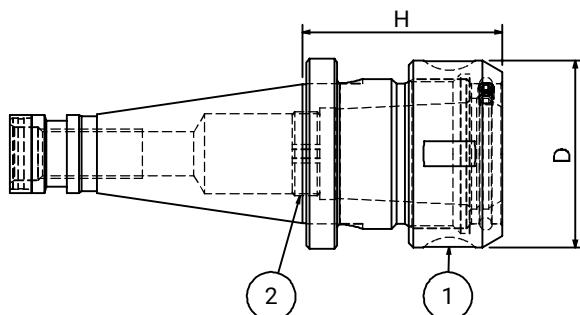
COD	CONO	TIPOLOGIA	H	D	D1	1 - GHIERA	2 - GRANO INTERNO
550PP210	ISO50	ER16	100	32	31,5	916GHREQ	101001601
550PP213	ISO50	ER20	100	35	34,5	920GHREQ	101001601
550PP216	ISO50	ER25	100	42	41,5	925GHREQ	101815801
550PP220	ISO50	ER32	100	50	49,5	932GHREQ	102215901
550PP226	ISO50	ER40	100	63	62,5	940GHREQ	103015901
550PP310	ISO50	ER16	130	32	31,5	916GHREQ	101001601
550PP313	ISO50	ER20	130	35	34,5	920GHREQ	101001601
550PP316	ISO50	ER25	130	42	41,5	925GHREQ	101815801
550PP320	ISO50	ER32	130	50	49,5	932GHREQ	102215901
550PP326	ISO50	ER40	130	63	62,5	940GHREQ	103015901
550PP410	ISO50	ER16	160	32	31,5	916GHREQ	101001601
550PP413	ISO50	ER20	160	35	34,5	920GHREQ	101001601
550PP416	ISO50	ER25	160	42	41,5	925GHREQ	101815801
550PP420	ISO50	ER32	160	50	49,5	932GHREQ	102215901
550PP426	ISO50	ER40	160	63	62,5	940GHREQ	103015901
550PP510	ISO50	ER16	200	32	31,5	916GHREQ	101001601
550PP513	ISO50	ER20	200	35	34,5	920GHREQ	101001601
550PP516	ISO50	ER25	200	42	41,5	925GHREQ	101815801
550PP520	ISO50	ER32	200	50	49,5	932GHREQ	102215901
550PP526	ISO50	ER40	200	63	62,5	940GHREQ	103015901

DIN 2080

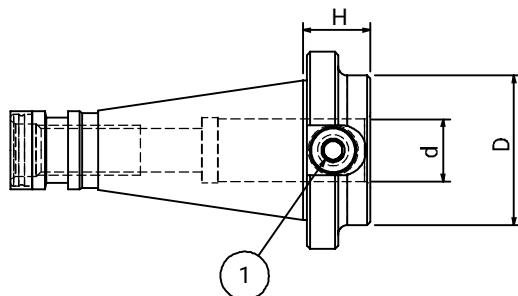
MANDRINI PORTAPINZA TIPO EOC
 EOC COLLET CHUCK
 SPANNZANGENFUTTER EOC TYPE
 MANDRINS A PINCES TYPE EOC

DIN 2080

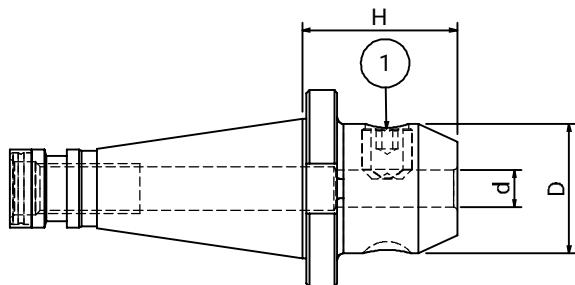
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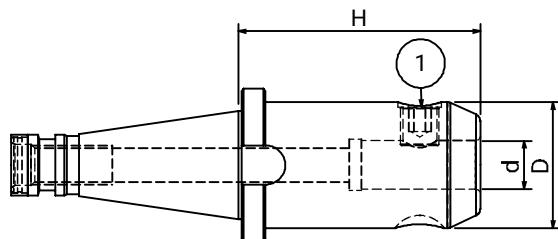
COD	CONO	TIPOLOGIA	H	D	1 - GHIERA	2 - GRANO INTERNO
540PO116	ISO40	EOC16	70	43	916GHROS	101815801
540PO125	ISO40	EOC25	70	60	925GHROS	102715901
540PO132	ISO40	EOC32	85	72	932GHROS	102715901
550PO116	ISO50	EOC16	70	43	916GHROS	101815801
550PO125	ISO50	EOC25	70	60	925GHROS	102715901
550PO132	ISO50	EOC32	85	72	932GHROS	102715901



COD	CONO	d	H	D	1 - GRANO
540WLC16	ISO40	16	22	48	1 X 101401602
540WLC20	ISO40	20	22	48	1 X 101601602
540WLC25	ISO40	25	22	48	1 X 101601602
540WLC32	ISO40	32	55	61	1 X 102002002
550WLC16	ISO50	16	20	48	1 X 101401602
550WLC20	ISO50	20	20	48	1 X 101601602
550WLC25	ISO50	25	20	65	1 X 101601602
550WLC32	ISO50	32	35	72	1 X 102002002



COD	CONO	d	H	D	1 - GRANO
540WLD06	ISO40	6	50	25	1 X 100601002
540WLD08	ISO40	8	50	28	1 X 100801002
540WLD10	ISO40	10	50	35	1 X 101001202
540WLD12	ISO40	12	50	42	1 X 101201602
540WLD14	ISO40	14	50	44	1 X 101201602
540WLD16	ISO40	16	63	48	1 X 101401602
540WLD18	ISO40	18	63	50	1 X 101401602
540WLD20	ISO40	20	63	52	1 X 101601602
540WLD25	ISO40	25	90	63	2 X 101802002
540WLD32	ISO40	32	90	72	2 X 102002002
540WLD40	ISO40	40	90	79	2 X 102002002
550WLD06	ISO50	6	50	25	1 X 100601002
550WLD08	ISO50	8	50	28	1 X 100801002
550WLD10	ISO50	10	63	35	1 X 101001202
550WLD12	ISO50	12	63	42	1 X 101201602
550WLD14	ISO50	14	63	44	1 X 101201602
550WLD16	ISO50	16	63	48	1 X 101401602
550WLD18	ISO50	18	63	50	1 X 101401602
550WLD20	ISO50	20	63	52	1 X 101601602
550WLD25	ISO50	25	80	63	2 X 101802002
550WLD32	ISO50	32	85	72	2 X 102002002
550WLD40	ISO50	40	95	78	2 X 102002002

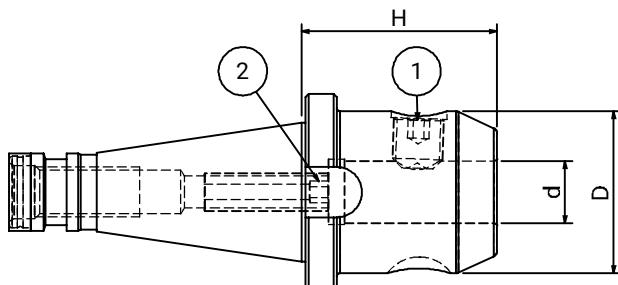


COD	CONO	d	H	D	1 - GRANO
540WE206	ISO40	6	100	25	1 X 100601002
540WE208	ISO40	8	100	28	1 X 100801002
540WE210	ISO40	10	100	35	1 X 101001202
540WE212	ISO40	12	100	42	1 X 101201602
540WE214	ISO40	14	100	44	1 X 101201602
540WE216	ISO40	16	100	48	1 X 101401602
540WE218	ISO40	18	100	48	1 X 101401602
540WE220	ISO40	20	100	52	1 X 101601602
540WE232	ISO40	32	100	72	2 X 102002002
550WE206	ISO50	6	100	25	1 X 100601002
550WE208	ISO50	8	100	28	1 X 100801002
550WE210	ISO50	10	100	35	1 X 101001202
550WE214	ISO50	14	100	44	1 X 101201602
550WE216	ISO50	16	100	48	1 X 101401602
550WE218	ISO50	18	100	50	1 X 101401602
550WE220	ISO50	20	100	52	1 X 101601602
550WE225	ISO50	25	100	65	2 X 101802002
550WE232	ISO50	32	100	72	2 X 102002002

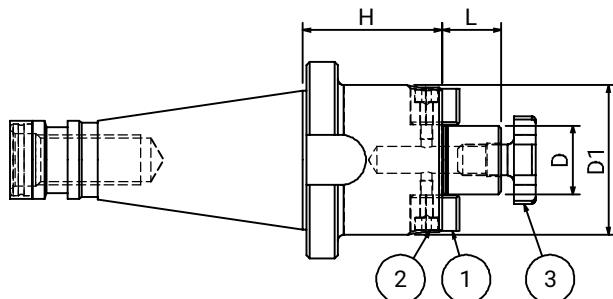
MANDRINI PORTAFRESE TIPO WHISTLE NOTCH
WHISTLE NOTCH END MILL HOLDERS
WHISTLE NOTCH ZILINDERSCHAFTAUFNAHME
MANDRINS POUR OUTILS TYPE WHISTLE NOTCH

DIN 2080

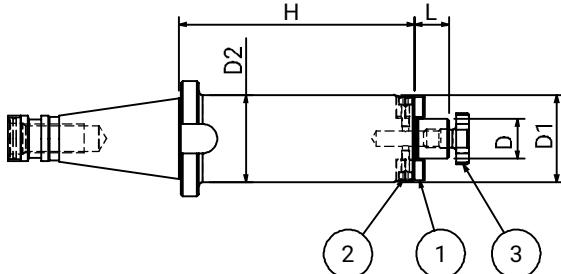
DIN 1835 E



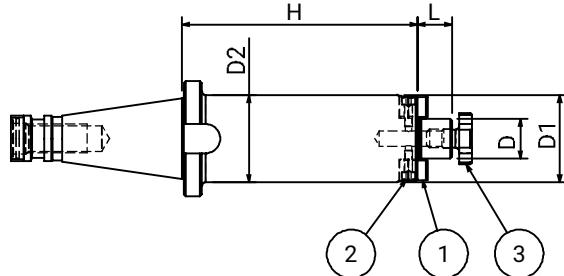
COD	CONO	d	H	D	1 - GRANO	2 - GRANO INTERNO
540WHN06	ISO40	6	50	25	1 X 100601002	500100001
540WHN08	ISO40	8	50	28	1 X 100801002	500100001
540WHN10	ISO40	10	50	35	1 X 101001202	500100001
540WHN12	ISO40	12	50	42	1 X 101201602	500100001
540WHN14	ISO40	14	50	44	1 X 101201602	500100001
540WHN16	ISO40	16	63	48	1 X 101401602	500100001
540WHN18	ISO40	18	63	50	1 X 101401602	500100001
540WHN20	ISO40	20	63	52	1 X 101601602	500100001
540WHN25	ISO40	25	90	65	2 X 101802002	500100001
540WHN32	ISO40	32	90	72	2 X 102002002	500100001
550WHN06	ISO50	6	50	25	1 X 100601002	500100002
550WHN08	ISO50	8	50	28	1 X 100801002	500100002
550WHN10	ISO50	10	63	35	1 X 101001202	500100002
550WHN12	ISO50	12	63	42	1 X 101201602	500100002
550WHN14	ISO50	14	63	44	1 X 101201602	500100002
550WHN16	ISO50	16	63	48	1 X 101401602	500100002
550WHN18	ISO50	18	63	50	1 X 101401602	500100002
550WHN20	ISO50	20	63	52	1 X 101601602	500100002
550WHN25	ISO50	25	80	65	2 X 101802002	500100002
550WHN32	ISO50	32	85	72	2 X 102002002	500100002
550WHN40	ISO50	40	95	80	2 X 102002002	500100002



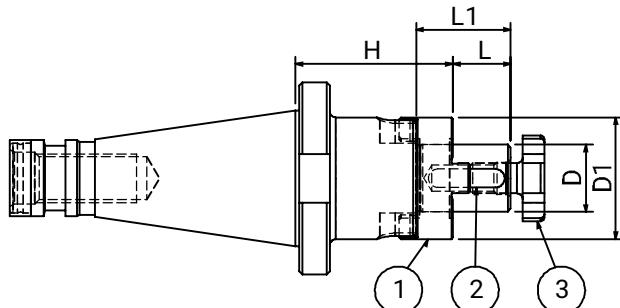
COD	CONO	D	H	L	D1	1 - TASSELLO	2 - VITE	3 - VITE A CROCE
540PF116	ISO40	16	45	17	38	2 x 916TSL11	2 x 110301201	916VTC02
540PF122	ISO40	22	45	19	48	2 x 922TSL11	2 x 110401201	922VTC02
540PF127	ISO40	27	45	21	58	2 x 927TSL11	2 x 110501601	927VTC02
540PF132	ISO40	32	50	24	78	2 x 932TSL11	2 x 110602001	932VTC02
540PF140	ISO40	40	55	27	88	2 x 940TSL11	2 x 110602001	940VTC02
550PF116	ISO50	16	45	17	38	2 x 916TSL11	2 x 110301201	916VTC02
550PF122	ISO50	22	45	19	48	2 x 922TSL11	2 x 110401201	922VTC02
550PF127	ISO50	27	45	21	58	2 x 927TSL11	2 x 110501601	927VTC02
550PF132	ISO50	32	50	24	78	2 x 932TSL11	2 x 110602001	932VTC02
550PF140	ISO50	40	50	27	88	2 x 940TSL11	2 x 110602001	940VTC02



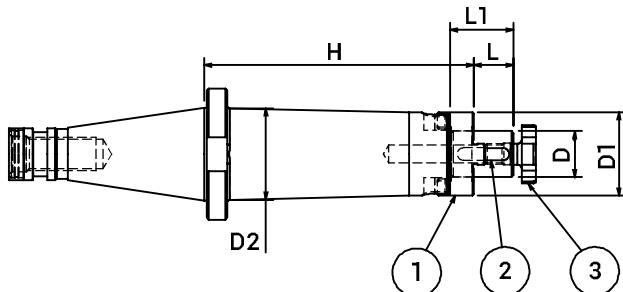
COD	CONO	D	H	L	D1	D2	1 - TASSELLO	2 - VITE	3 - VITE A CROCE
540PF216	ISO40	16	100	17	38	38	2 x 916TSL11	2 x 110301201	916VTC02
540PF222	ISO40	22	100	19	48	48	2 x 922TSL11	2 x 110401201	922VTC02
540PF227	ISO40	27	100	21	58	58	2 x 927TSL11	2 x 110501601	927VTC02
540PF232	ISO40	32	100	24	66	61	2 x 932TSL11	2 x 110602001	932VTC02
540PF240	ISO40	40	100	27	88	61	2 x 940TSL11	2 x 110602001	940VTC02
540PF316	ISO40	16	130	17	38	38	2 x 916TSL11	2 x 110301201	916VTC02
540PF322	ISO40	22	130	19	48	61	2 x 922TSL11	2 x 110401201	922VTC02
540PF327	ISO40	27	130	21	58	58	2 x 927TSL11	2 x 110501601	927VTC02
540PF332	ISO40	32	130	24	66	45	2 x 932TSL11	2 x 110602001	932VTC02
540PF340	ISO40	40	130	27	88	61	2 x 940TSL11	2 x 110602001	940VTC02
540PF416	ISO40	16	160	17	38	38	2 x 916TSL11	2 x 110301201	916VTC02
540PF422	ISO40	22	160	19	48	48	2 x 922TSL11	2 x 110401201	922VTC02
540PF427	ISO40	27	160	21	58	58	2 x 927TSL11	2 x 110501601	927VTC02
540PF432	ISO40	32	160	24	66	61	2 x 932TSL11	2 x 110602001	932VTC02
540PF440	ISO40	40	160	27	88	50	2 x 940TSL11	2 x 110602001	940VTC02
540PF516	ISO40	16	200	17	38	38	2 x 916TSL11	2 x 110301201	916VTC02
540PF522	ISO40	22	200	19	48	48	2 x 922TSL11	2 x 110401201	922VTC02
540PF527	ISO40	27	200	21	58	58	2 x 927TSL11	2 x 110501601	927VTC02
540PF532	ISO40	32	200	24	66	61	2 x 932TSL11	2 x 110602001	932VTC02
540PF540	ISO40	40	200	27	88	61	2 x 940TSL11	2 x 110602001	940VTC02



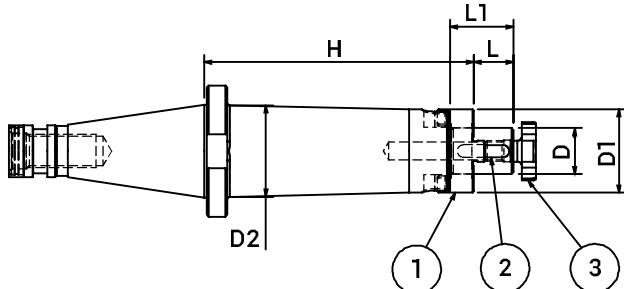
COD	CONO	D	H	L	D1	D2	1 - TASSELLO	2 - VITE	3 - VITE A CROCE
550PF216	ISO50	16	100	17	38	38	2 x 916TSL11	2 x 110301201	916VTC02
550PF222	ISO50	22	100	19	48	48	2 x 922TSL11	2 x 110401201	922VTC02
550PF227	ISO50	27	100	21	58	58	2 x 927TSL11	2 x 110501601	927VTC02
550PF232	ISO50	32	100	24	66	66	2 x 932TSL11	2 x 110602001	932VTC02
550PF240	ISO50	40	100	27	88	70	2 x 940TSL11	2 x 110602001	940VTC02
550PF316	ISO50	16	130	17	38	45	2 x 916TSL11	2 x 110301201	916VTC02
550PF322	ISO50	22	130	19	48	48	2 x 922TSL11	2 x 110401201	922VTC02
550PF327	ISO50	27	130	21	58	58	2 x 927TSL11	2 x 110501601	927VTC02
550PF332	ISO50	32	130	24	66	66	2 x 932TSL11	2 x 110602001	932VTC02
550PF340	ISO50	40	130	27	88	80	2 x 940TSL11	2 x 110602001	940VTC02
550PF416	ISO50	16	160	17	38	38	2 x 916TSL11	2 x 110301201	916VTC02
550PF422	ISO50	22	160	19	48	48	2 x 922TSL11	2 x 110401201	922VTC02
550PF427	ISO50	27	160	21	58	58	2 x 927TSL11	2 x 110501601	927VTC02
550PF432	ISO50	32	160	24	66	66	2 x 932TSL11	2 x 110602001	932VTC02
550PF440	ISO50	40	160	27	88	70	2 x 940TSL11	2 x 110602001	940VTC02
550PF516	ISO50	16	200	17	38	48	2 x 916TSL11	2 x 110301201	916VTC02
550PF522	ISO50	22	200	19	48	64	2 x 922TSL11	2 x 110401201	922VTC02
550PF527	ISO50	27	200	21	58	58	2 x 927TSL11	2 x 110501601	927VTC02
550PF532	ISO50	32	200	24	66	66	2 x 932TSL11	2 x 110602001	932VTC02
550PF540	ISO50	40	200	27	88	70	2 x 940TSL11	2 x 110602001	940VTC02



COD	CONO	D	H	L	L1	D1	1 - GIUNTO	2 - LINGUETTA	3 - VITE A CROCE
540PU116	ISO40	16	52	17	27	32	916GNT01	170402004	916VTC02
540PU122	ISO40	22	52	19	31	40	922GNT01	170602506	922VTC02
540PU127	ISO40	27	52	21	33	48	927GNT01	170702507	927VTC02
540PU132	ISO40	32	52	24	38	58	932GNT01	170802807	932VTC02
540PU140	ISO40	40	52	27	41	70	940GNT01	171003208	940VTC02
550PU116	ISO50	16	55	17	27	32	916GNT01	170402004	916VTC02
550PU122	ISO50	22	55	19	31	40	922GNT01	170602506	922VTC02
550PU127	ISO50	27	55	21	33	48	927GNT01	170702507	927VTC02
550PU132	ISO50	32	55	24	38	58	932GNT01	170802807	932VTC02
550PU140	ISO50	40	55	27	41	70	940GNT01	171003208	940VTC02



COD	CONO	D	H	L	L1	D1	D2	1 - GIUNTO	2 - LINGUETTA	3 - VITE A CROCE
540PU216	ISO40	16	100	17	27	32	40	916GNT01	170402004	916VTC02
540PU222	ISO40	22	100	19	31	40	44	922GNT01	170602506	922VTC02
540PU227	ISO40	27	100	21	33	48	-	927GNT01	170702507	927VTC02
540PU232	ISO40	32	100	24	38	58	-	932GNT01	170802807	932VTC02
540PU240	ISO40	40	100	27	41	70	-	940GNT01	171003208	940VTC02
540PU316	ISO40	16	130	17	27	32	40	916GNT01	170402004	916VTC02
540PU322	ISO40	22	130	19	31	44	40	922GNT01	170602506	922VTC02
540PU327	ISO40	27	130	21	33	48	-	927GNT01	170702507	927VTC02
540PU332	ISO40	32	130	24	38	58	-	932GNT01	170802807	932VTC02
540PU340	ISO40	40	130	27	41	70	50	940GNT01	171003208	940VTC02
540PU416	ISO40	16	160	17	27	32	40	916GNT01	170402004	916VTC02
540PU422	ISO40	22	160	19	31	40	44	922GNT01	170602506	922VTC02
540PU427	ISO40	27	160	21	33	48	-	927GNT01	170702507	927VTC02
540PU432	ISO40	32	160	24	38	58	-	932GNT01	170802807	932VTC02
540PU440	ISO40	40	160	27	41	70	50	940GNT01	171003208	940VTC02
540PU516	ISO40	16	200	17	27	32	40	916GNT01	170402004	916VTC02
540PU522	ISO40	22	200	19	31	40	44	922GNT01	170602506	922VTC02
540PU527	ISO40	27	200	21	33	48	-	927GNT01	170702507	927VTC02
540PU532	ISO40	32	200	24	38	58	-	932GNT01	170802807	932VTC02
540PU540	ISO40	40	200	27	41	70	50	940GNT01	171003208	940VTC02

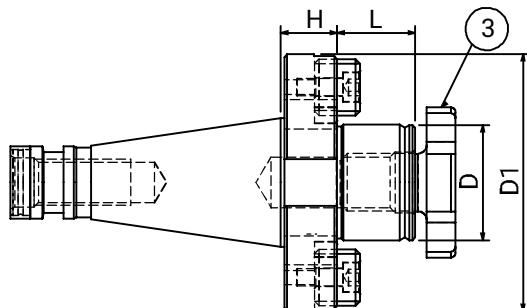
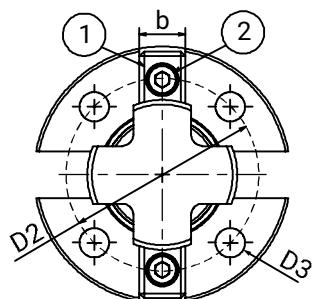


COD	CONO	D	H	L	L1	D1	D2	1 - GIUNTO	2 - LINGUETTA	3 - VITE A CROCE
550PU216	ISO50	16	100	17	27	32	50	916GNT01	170402004	916VTC02
550PU222	ISO50	22	100	19	31	40	60	922GNT01	170602506	922VTC02
550PU227	ISO50	27	100	21	33	48	60	927GNT01	170702507	927VTC02
550PU232	ISO50	32	100	24	38	58	-	932GNT01	170802807	932VTC02
550PU240	ISO50	40	100	27	41	70	-	940GNT01	171003208	940VTC02

MANDRINI PORTAFRESE PER FRESE A SPIANARE
FACE MILL HOLDERS
AUFSTECKFRÄSDORNE FUER MESSERKOEPFE
MANDRINS PORTE-FRAISES POUR FRAISES A SURFACER

DIN 2080

DIN 6357



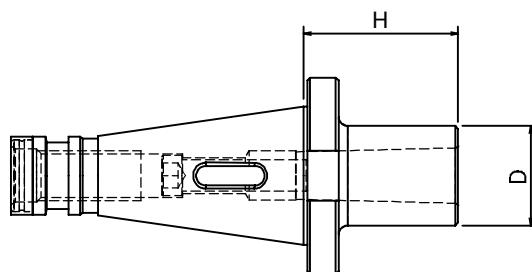
COD	CONO	D	H	D1	L	b	D2	D3	1 - VITE	2 - TASSELLO	3 - VITE A CROCE
540PI140	ISO40	40	30	89	20	15,9	66,7	M12	2 x 110601601	2 x 940TSL04	940VTC02
550PI140	ISO50	40	30	89	30	15,9	66,7	M12	2 x 110601601	2 x 940TSL04	940VTC02
550PI160	ISO50	60	40	129	30	25,4	101,6	M16	2 x 111202501	2 x 960TSL04	-

DIN 2080

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

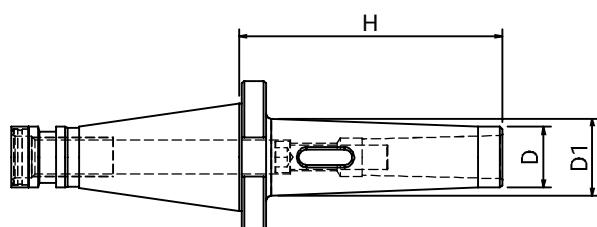
DIN 2080

DIN 228-2



COD	CONO	MORSE	H	D
530MP101	ISO30	1	60	25
530MP102	ISO30	2	60	32
530MP103	ISO30	3	80	40
540MP101	ISO40	1	50	25
540MP102	ISO40	2	50	32
540MP103	ISO40	3	65	40
540MP104	ISO40	4	95	48
550MP101	ISO50	1	45	25
550MP102	ISO50	2	60	32
550MP103	ISO50	3	65	40
550MP104	ISO50	4	70	48
550MP105	ISO50	5	100	63

DIN 2080

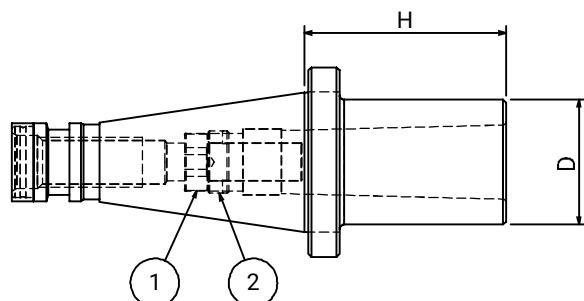


COD	CONO	MORSE	H	D	D1
540MP201	ISO40	1	92	18	25
540MP202	ISO40	2	109	25	32
540MP203	ISO40	3	129	33	40
540MP204	ISO40	4	152	40	48
550MP201	ISO50	1	120	18	25
550MP202	ISO50	2	140	25	32
550MP203	ISO50	3	150	33	40
550MP204	ISO50	4	180	40	48
550MP205	ISO50	5	220	55	63

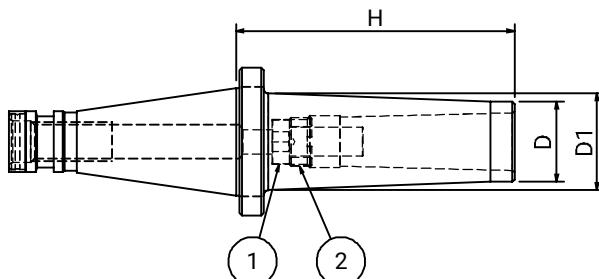
MANDRINI ATTACCO CONO MORSE FRESE
MORSE TAPER ADAPTORS WITH THREAD
ZWISCHENHÜLSEN FÜR MORSEKEGEL MIT ANZUGSGEWINDE
DOUILLES POUR CONE MORSE AVEC TARAUDAGE

DIN 2080

DIN 228-2



COD	CONO	MORSE	H	D	1 - VITE	2 - GHIERA
530MF101	ISO30	1	60	25	110603501	
530MF102	ISO30	2	60	32	111003014	121500802
530MF103	ISO30	3	80	40	111204003	122000603
540MF101	ISO40	1	50	25	110603501	
540MF102	ISO40	2	50	32	111003014	121500802
540MF103	ISO40	3	65	40	111204003	122000603
540MF104	ISO40	4	95	48	111605514	122400903
550MF101	ISO50	1	45	25	110603501	
550MF102	ISO50	2	60	32	111003014	121500802
550MF103	ISO50	3	65	40	111204003	122000603
550MF104	ISO50	4	65	48	111605514	122400903
550MF105	ISO50	5	120	63	112005003	123601104

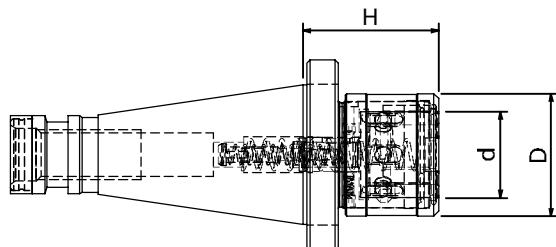


COD	CONO	MORSE	H	D	D1	1 - VITE	2 - GHIERA
540MF201	ISO40	1	115	18	25	110603501	121206502
540MF202	ISO40	2	115	25	32	111003014	121500802
540MF203	ISO40	3	115	33	40	111204003	122000603
540MF204	ISO40	4	165	40	48	111605514	122400903
550MF201	ISO50	1	115	18	25	110603501	121206502
550MF202	ISO50	2	115	25	32	111003014	121500802
550MF203	ISO50	3	115	33	40	111204003	122000603
550MF204	ISO50	4	165	40	48	111605514	122400903
550MF205	ISO50	5	200	55	63	112005003	123601104

DIN 2080

MANDRINI PORTAMASCHI A DOPPIA COMPENSAZIONE
QUICK-CHANGE TAPPING CHUCKS WITH LENGTH COMPENSATION
GEWINDESCHNID - SCHNELLWECHSELEIN FÜTTER MIT LÄNGENAUSGLEICH
MANDRINS DE TARAUDAGE AVEC COMPENSATION LONGITUDINALE

DIN 2080



COD	CONO	RANGE	SIZE	d	D	H
530PCRM1	ISO30	M3-M12	GR.1	19	36	50
540PCRM1	ISO40	M3-M12	GR.1	19	36	52
540PCRM2	ISO40	M6-M20	GR.2	31	53	77
550PCRM1	ISO50	M3-M12	GR.1	19	36	60
550PCRM2	ISO50	M6-M20	GR.2	31	53	79

DIN 2080

ACCESSORI | ACCESSORIES | ZUBEHÖR | ACCESSOIRES



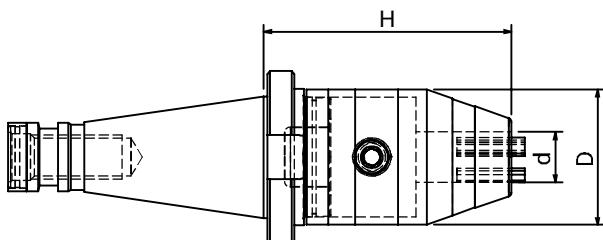
> PAG. 258



> PAG. 257

MANDRINI PORTAPUNTE INTEGRALI PER ROTAZIONE DX - SX
 NC DRILL CHUCK FOR LEFT AND RIGHT ROTATION
 NC-BOHRFÜTTER FÜR RECHTS UND LINKSLAUF
 MANDRINS DE PERCAGE CNC POUR ROTATION GAUCHE-DROITE

DIN 2080



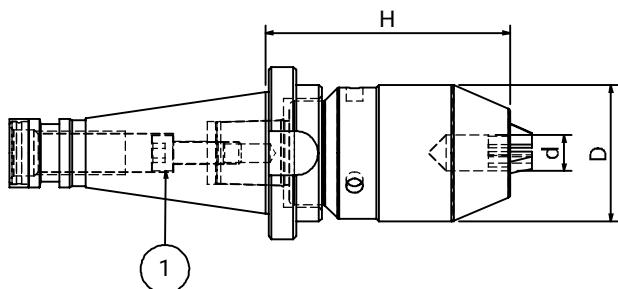
COD	CONO	d	H	D
540MA013	ISO40	1-13	88	50
540MA016	ISO40	3-16	93	50
550MA013	ISO50	1-13	93	50
550MA016	ISO50	3-16	98	50

DIN 2080

ACCESSORI | ACCESSORIES | ZUBEHÖR | ACCESSOIRES

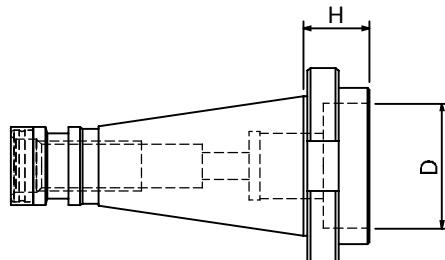


> PAG. 279



COD	CONO	D	d	H	1 - VITE
540MPI13	ISO40	50	1-13	88	110802501
540MPI16	ISO40	57	3-16	100	110802501
550MPI13	ISO50	50	1-13	85	110803501
550MPI16	ISO50	57	3-16	90	110803501

MANDRINI DI RICAMBIO | SPARE DRILL CHUCK HEADS | ERSATZ BOHRFÜTTER | MANDRINS DE RECHANGE



COD	CONO	RANGE	D	H
540CPI13	ISO40	1-13	40	21
540CPI16	ISO40	3-16	44	26
550CPI13	ISO50	1-13	40	16
550CPI16	ISO50	3-16	44	15

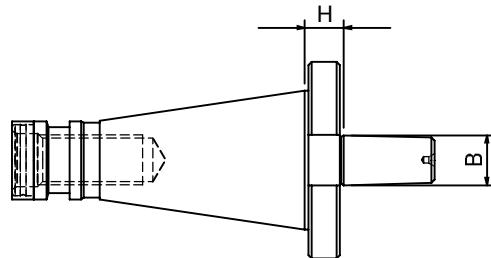
COMPONENTI | SPARE PARTS | ERSATZTEILE | PIECES DETACHEES



COD	DESCRIZIONE
913INS01	MANDRINO PER PUNTE 1-13
916INS01	MANDRINO PER PUNTE 1-16

ATTACCO PER MANDRINI PORTAPUNTE
DRILL CHUCK ADAPTORS
BOHRFUTTERAUFNAHMEN
ARBRES POUR MANDRINS DE PERÇAGE

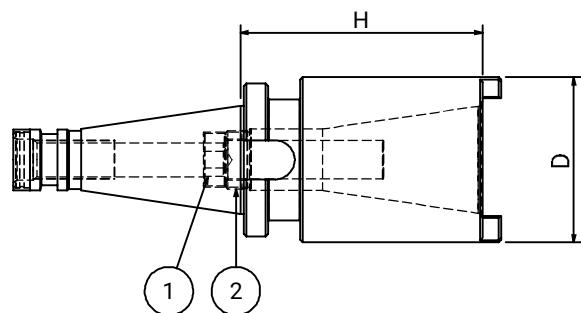
DIN 2080



COD	CONO	B	H
540MPP12	ISO40	12	18
540MPP16	ISO40	16	18
540MPP18	ISO40	18	18
550MPP12	ISO50	12	20
550MPP16	ISO50	16	20
550MPP18	ISO50	18	20

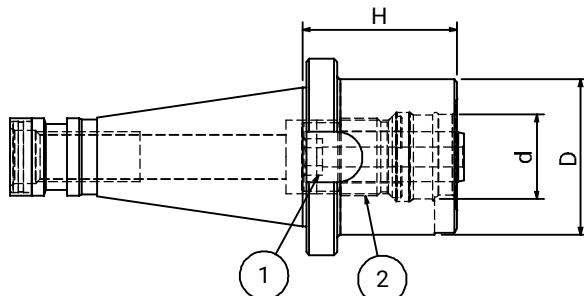
MANDRINI DI RIDUZIONE
ISO TAPER ADAPTORS
ZWISCHENHUELSEN SK-SK
DOUILLES DE REDUCTION SA-SA

DIN 2080



COD	CONO	D	H	1 - VITE TC/BT	1 - VITE 2080	2 - GHIERA
540ISO30	ISO40	50	50	111205501	110603001	122000603
540ISO40	ISO40	68	100	111606514	111604514	122400903
550ISO30	ISO50	50	16	111205501	111203001	122000603
550ISO40	ISO50	68	63	111606514	111604514	122400903
550ISO50	ISO50	100	100	112409003	112406003	124020002

DIN 2080



COD	CONO	H	D	d	1 - VITE	2 - BOCCOLA
540VL150	ISO40	50	50	27	111604011	122502007
540VL163	ISO40	50	63	32	112005012	123002408
550VL050	ISO50	27	50	27	111604011	122502007
550VL063	ISO50	27	63	32	112005012	123002408
550VL080	ISO50	27	80	32	112005012	123002408
550VL150	ISO50	50	50	27	111604011	122502007
550VL163	ISO50	50	63	32	112005012	123002408
550VL180	ISO50	50	80	32	112005012	123002408

ADATTATORI MODULARI | MODULAR ADAPTOR | MODULARER ADAPTER | ADAPTATEUR MODULAIRE



> PAG. 243



> PAG. 244



> PAG. 245



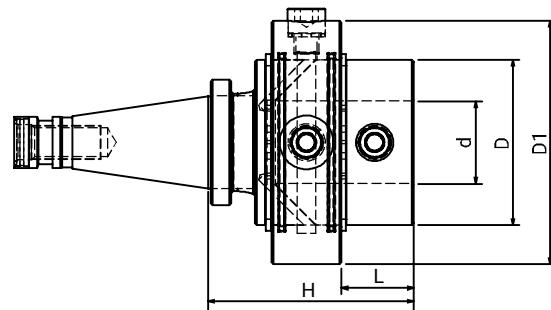
> PAG. 246



> PAG. 247

DISTRIBUTORE ROTANTE CON REFRIGERANTE
COOLANT FEEDER
KÜHLMITTELZUFÜHRUNG-ANLAGE
DISPOSITIV D'ARROSAGE TOURNATE

DIN 2080



COD	CONO	D	H	L	D1	D2
540DRB40	ISO40	40	100	35	80	118
550DRB40	ISO50	40	100	36	80	118

DIN 2080

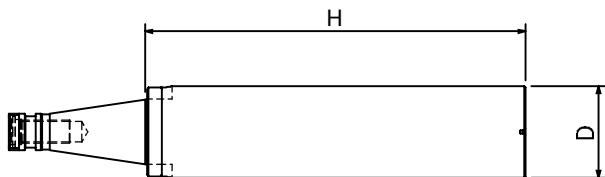
RIDUZIONE CILINDRICA | REDUCTION BUSH | REDUZIERBÜCHSE | DOUILLE DE REDUCTION



> PAG. 278

MANDRINI SEMILAVORATI A STELO TENERO
BLANK TOOLHOLDER WITH SOFT SHANK
ROHLINGE MIT WEICHEM SCHAFT
EBAUCHES

DIN 2080



COD	CONO	H	D
540ST263	ISO40	250	63
550ST397	ISO50	315	97