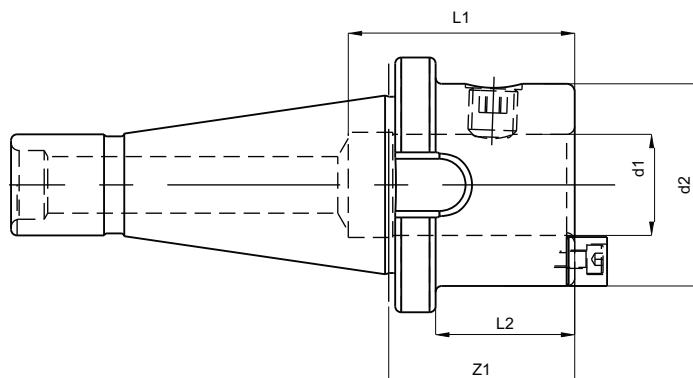
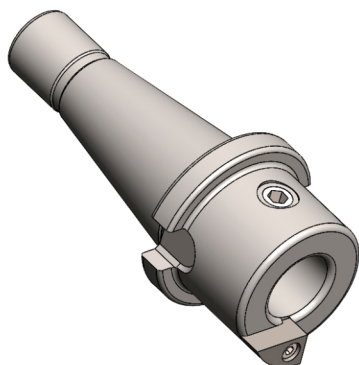


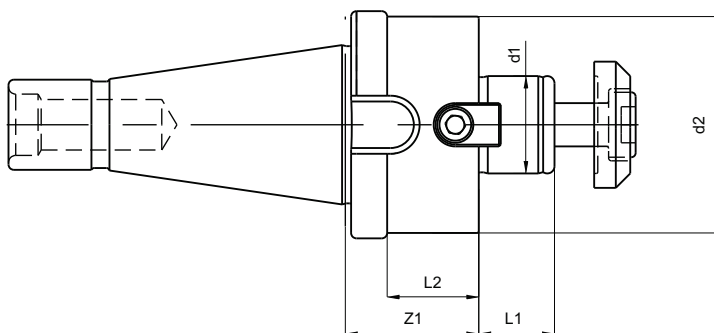
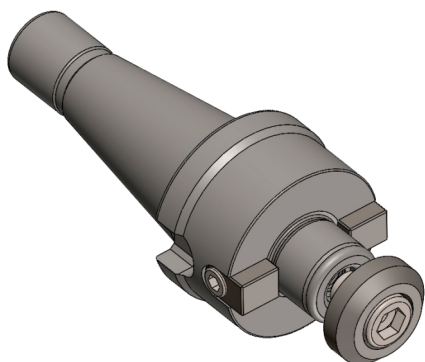
PORTA-BROCAS PARA HASTE COROMANT WHISTLE NOTCH
DRILL HOLDER FOR COROMANT WHISTLE NOTCH SHANK


CÓDIGO/CODE	ISO	d1	d2	L1	L2	Z1
UBR47.0120	40	20	40	51	31.40	43
UBR47.0125	40	25	50	56	34.40	46
UBR57.0120	50	20	40	51	30.80	46
UBR57.0125	50	25	50	56	34.80	50
UBR57.0132	50	32	63	60	36.80	52
UBR57.0140	50	40	72	70	40.80	56

Exemplo para pedido / Ordering example: 01 pç - **UBR57.0120**

PORTA-FRESA DE FACEAR
SHELL END MILL HOLDER

ISO 3937



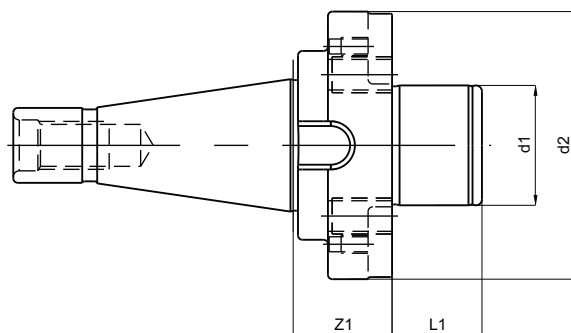
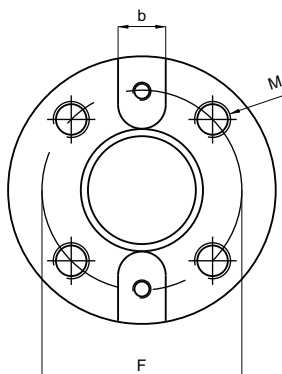
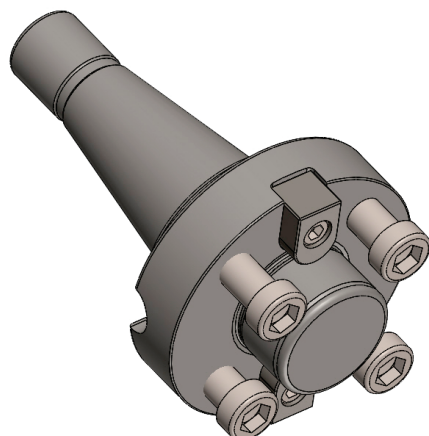
CÓDIGO/CODE	ISO	d1	d2	L1	L2	Z1
UBR37.1916	30	16	38	17	20.40	30
UBR37.1922	30	22	50	19	-	30
UBR37.1927	30	27	60	21	-	30
UBR47.1916	40	16	38	17	13.40	25
UBR47.1922	40	22	50	19	25.40	37
UBR47.1927	40	27	60	21	25.40	37
UBR47.1932	40	32	78	24	-	37
UBR47.1940	40	40	89	27	-	37
UBR57.1916	50	16	38	17	24.80	40
UBR57.1922	50	22	50	19	24.80	40
UBR57.1927	50	27	60	21	24.80	40
UBR57.1932	50	32	78	24	24.80	40
UBR57.1940	50	40	89	27	24.80	40

Exemplo para pedido / Ordering example: 01 pç - **UBR37.1927**

- Dimensões diferentes do padrão, disponíveis sob consulta.
Differents dimensions of the standard, available upon request.
- Sem refrigeração / Without coolant supply.

PORTA-FRESA DE FACEAR
FACE MILL HOLDER

DIN 6357

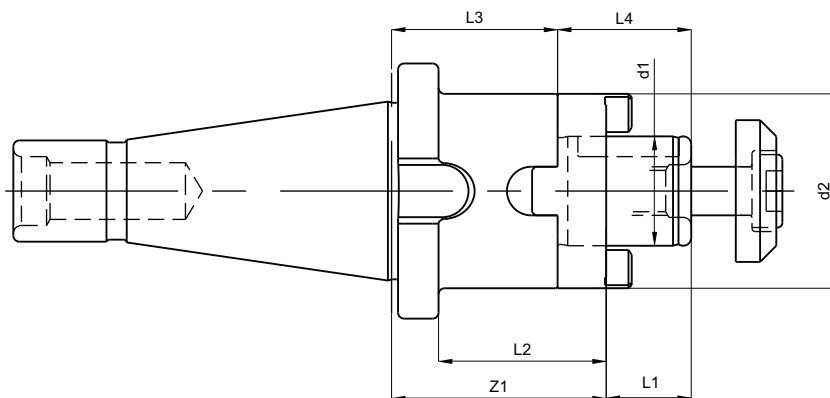
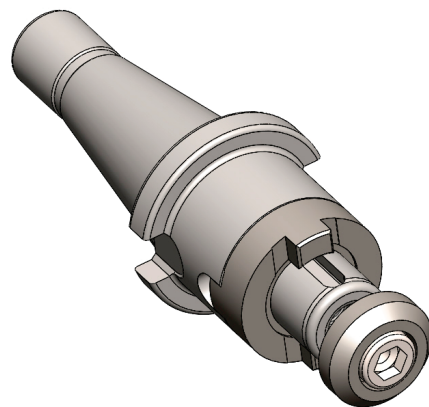


CÓDIGO/CODE	ISO	M	b	d1	d2	F	L1	Z1
UBR47.2440	40	M12	15.90	40	89	66.70	30	33
UBR57.2440	50	M12	15.90	40	89	66.70	30	36
UBR57.2460	50	M16	25.40	60	129	101.60	40	45

Exemplo para pedido / Ordering example: 01 pç - **UBR57.2460**

PORTA-FRESA COMBINADO
SHELL END MILL HOLDER - COMBI

DIN 6358

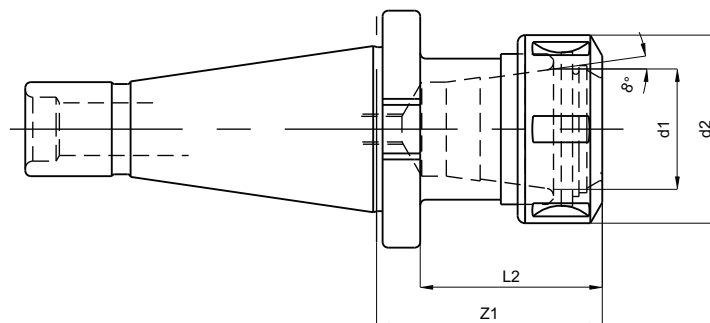
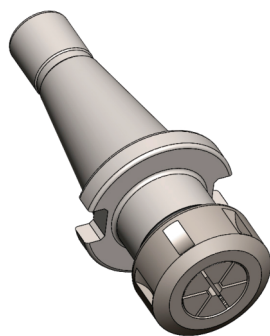


CÓDIGO/CODE	ISO	d1	d2	L1	L2	L3	L4	Z1
UBR47.1416	40	16	32	17	41.40	43	27	53
UBR47.1422	40	22	40	19	41.40	41	31	53
UBR47.1427	40	27	48	21	41.40	41	33	53
UBR47.1432	40	32	58	24	41.40	39	38	53
UBR47.1440	40	40	70	27	-	39	41	53
UBR57.1416	50	16	32	17	37.80	43	27	53
UBR57.1422	50	22	40	19	37.80	41	31	53
UBR57.1427	50	27	48	21	37.80	41	33	53
UBR57.1432	50	32	58	24	37.80	39	38	53
UBR57.1440	50	40	70	27	37.80	39	41	53
UBR57.1450	50	50	90	30	37.80	37	46	53

Exemplo para pedido / Ordering example: 01 pç - **UBR47.1427**

- Dimensões diferentes do padrão, disponíveis sob consulta.
Different dimensions of the standard, available upon request.
- Sem refrigeração / Without coolant supply.

PORTA-PINÇA
COLLET CHUCK HOLDER

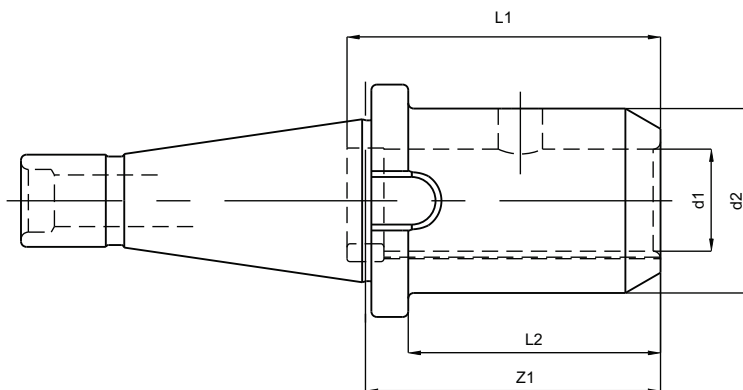
DIN ISO 15488
(DIN 6499)


CÓDIGO/CODE	ISO	TAM./SIZE	Capacidade/Range		d1	d2	L2	Z1
			Forma A Form A	Forma B Form B				
UBR37.2320	30	20	1-13	1-13	20	35	35.40	45
UBR37.2325	30	25	1-16	2-16	25	42	40.40	50
UBR37.2332	30	32	2-20	3-20	32	50	50.40	60
UBR47.2316	40	16	1-10	1-10	16	28	33.40	45
UBR47.2320	40	20	1-13	1-13	20	35	33.40	45
UBR47.2325	40	25	1-16	2-16	25	42	43.40	55
UBR47.2332	40	32	2-20	3-20	32	50	48.40	60
UBR47.2340	40	40	3-26	4-26	40	63	-	70
UBR57.2332	50	32	2-20	3-20	32	50	59.80	75
UBR57.2340	50	40	3-26	4-26	40	63	64.80	80

Exemplo para pedido / Ordering example: 01 pc - UBR37.2332

PORTA ADAPTADOR REGULÁVEL PARA HASTE DIN 6327
AUTOMOTIVE TYPE HOLDER FOR SHANK DIN 6327

DIN 55058



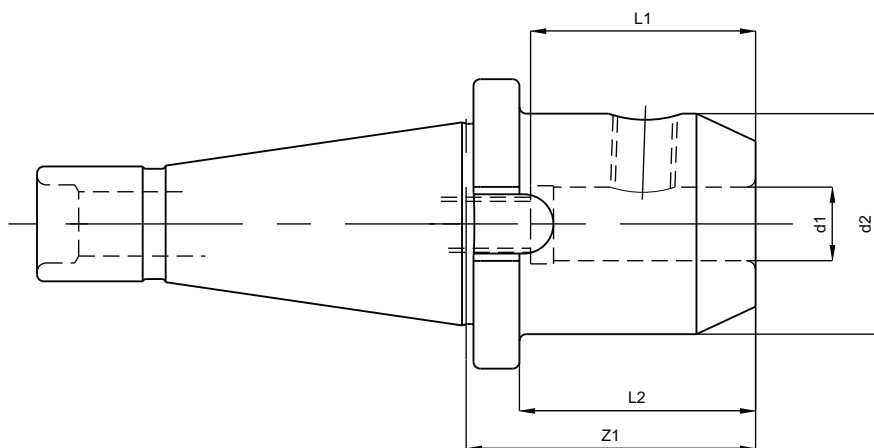
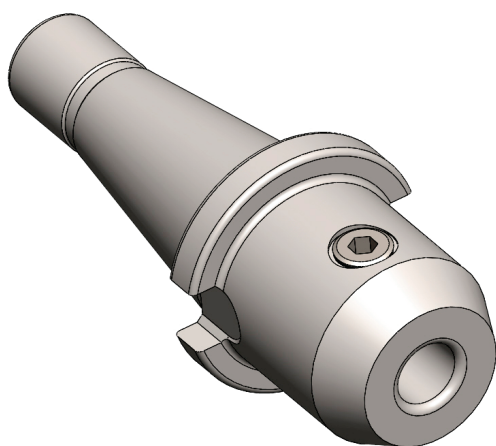
CÓDIGO/CODE	ISO	d1	d2	L1	L2	Z1
UBR47.0816	40	16	30	75	48.40	60
UBR47.0820	40	20	40	78	53.40	65
UBR47.0828	40	28	50	85	68.40	80
UBR47.0836	40	36	63	106	-	120
UBR57.0816	50	16	30	75	44.80	60
UBR57.0820	50	20	40	78	49.80	65
UBR57.0828	50	28	50	85	64.80	80
UBR57.0836	50	36	63	106	74.80	90
UBR57.0848	50	48	80	129	84.80	100

Exemplo para pedido / Ordering example: 01 pc - UBR47.0828

- Dimensões diferentes do padrão, disponíveis sob consulta.
Differents dimensions of the standard, available upon request.
- Com passagem interna de fluido refrigerante.
Internal coolant supply.

PORTA FERRAMENTA FIXAÇÃO LATERAL DIN 1835-E - WHISTLE NOTCH
SIDE LOCK END MILL HOLDER DIN 1835-E - WHISTLE NOTCH

DIN 6359-E



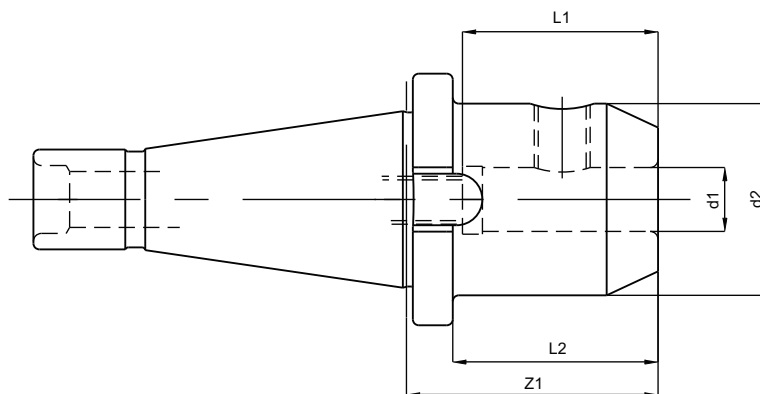
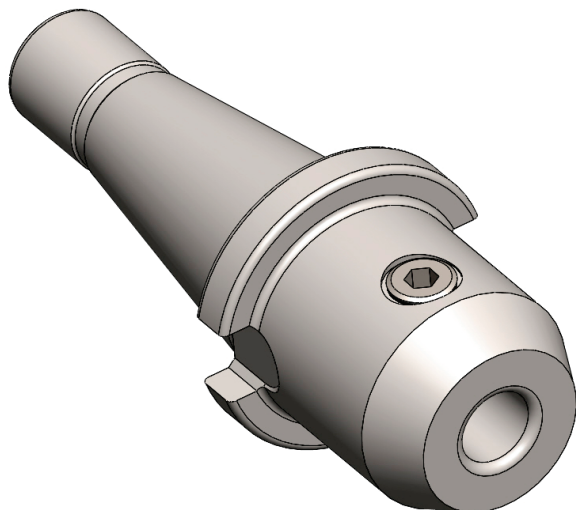
CÓDIGO/CODE	ISO	d1	d2	L1	L2	Z1
UBR47.0206	40	6	25	40	38.40	50
UBR47.0208	40	8	28	40	38.40	50
UBR47.0210	40	10	35	44	38.40	50
UBR47.0212	40	12	42	49	38.40	50
UBR47.0214	40	14	44	49	38.40	50
UBR47.0216	40	16	48	52	51.40	63
UBR47.0218	40	18	50	52	51.40	63
UBR47.0220	40	20	50	54	51.40	63
UBR47.0225	40	25	65	59	-	80
UBR47.0232	40	32	68	63	-	90
UBR57.0206	50	6	25	40	47.80	63
UBR57.0208	50	8	28	40	47.80	63
UBR57.0210	50	10	35	44	47.80	63
UBR57.0212	50	12	42	49	47.80	63
UBR57.0214	50	14	44	49	47.80	63
UBR57.0216	50	16	48	52	47.80	63
UBR57.0218	50	18	50	52	47.80	63
UBR57.0220	50	20	50	54	47.80	63
UBR57.0225	50	25	65	59	64.80	80
UBR57.0232	50	32	68	63	64.80	80
UBR57.0240	50	40	80	73	74.80	90

Exemplo para pedido / Ordering example: 01 pç - **UBR47.0210**

- d1 > 25 - 02 parafusos de fixação
d1 > 25 - 02 screws
- Dimensões diferentes do padrão, disponíveis sob consulta.
Differents dimensions of the standard, available upon request.
- Com passagem interna de fluido refrigerante.
Internal coolant supply.

PORTA FERRAMENTA FIXAÇÃO LATERAL DIN 1835-B - WELDON
SIDE LOCK END MILL HOLDER DIN 1835-B - WELDON

DIN 6359-B



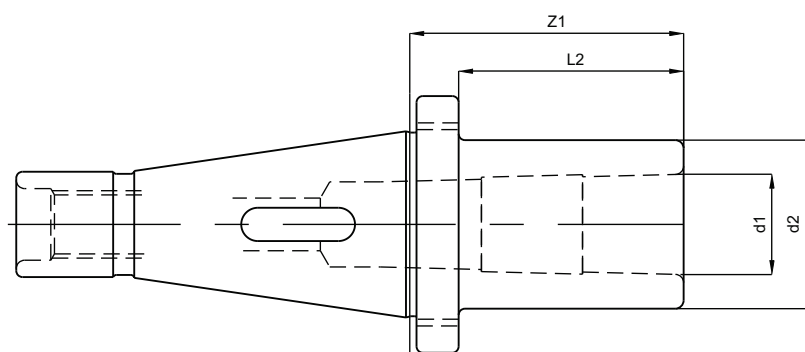
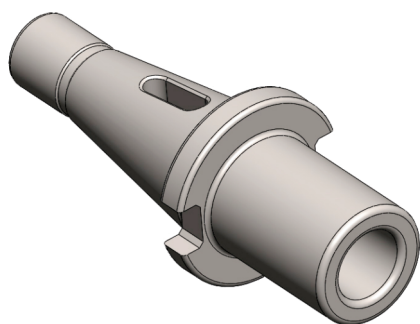
CÓDIGO/CODE	ISO	d1	d2	L1	L2	Z1
UBR47.0006	40	6	25	40	38.40	50
UBR47.0008	40	8	28	40	38.40	50
UBR47.0010	40	10	35	44	38.40	50
UBR47.0012	40	12	42	49	38.40	50
UBR47.0014	40	14	44	49	38.40	50
UBR47.0016	40	16	48	52	51.40	63
UBR47.0018	40	18	50	52	51.40	63
UBR47.0020	40	20	50	54	51.40	63
UBR47.0025	40	25	65	59	-	80
UBR47.0032	40	32	68	63	-	90
UBR57.0006	50	6	25	40	47.80	63
UBR57.0008	50	8	28	40	47.80	63
UBR57.0010	50	10	35	44	47.80	63
UBR57.0012	50	12	42	49	47.80	63
UBR57.0014	50	14	44	49	47.80	63
UBR57.0016	50	16	48	52	47.80	63
UBR57.0018	50	18	50	52	47.80	63
UBR57.0020	50	20	50	54	47.80	63
UBR57.0025	50	25	65	59	64.80	80
UBR57.0032	50	32	68	63	64.80	80
UBR57.0040	50	40	80	73	74.80	90

Exemplo para pedido / Ordering example: 01 pç - **UBR47.0010**

- d1 > 25 - 02 parafusos de fixação
d1 > 25 - 02 screws
- Dimensões diferentes do padrão, disponíveis sob consulta.
Different dimensions of the standard, available upon request.
- Com passagem interna de fluido refrigerante.
Internal coolant supply.

PORTA FERRAMENTA PARA ADAPTAÇÃO CONE MORSE DIN 228 - FORMA D
TOOL HOLDER FOR MORSE TAPER ADAPTATION DIN 228 - FORM D

DIN 6383

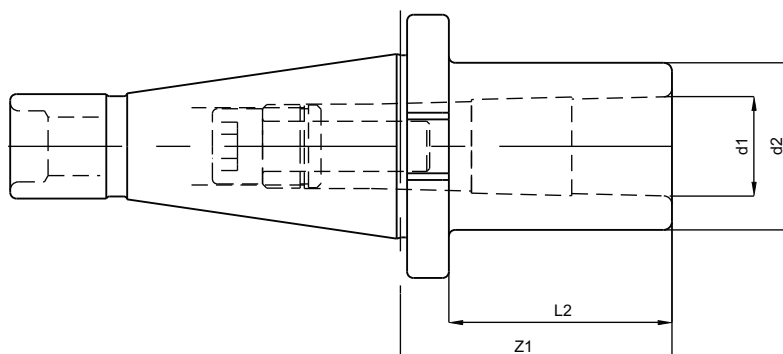
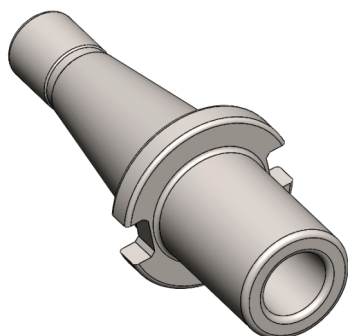


CÓDIGO/CODE	ISO	TAM./SIZE	d1	d2	L2	Z1
UBR47.0501	40	CM1	12.065	25	38.40	50
UBR47.0502	40	CM2	17.780	32	38.40	50
UBR47.0503	40	CM3	23.825	40	53.40	65
UBR47.0504	40	CM4	31.267	48	83.40	95
UBR57.0501	50	CM1	12.065	25	34.80	50
UBR57.0502	50	CM2	17.780	32	44.80	60
UBR57.0503	50	CM3	23.825	40	49.80	65
UBR57.0504	50	CM4	31.267	48	54.80	70
UBR57.0505	50	CM5	44.399	63	89.80	105

Exemplo para pedido / Ordering example: 01 pç - **UBR47.0503**

PORTA FERRAMENTA PARA ADAPTAÇÃO CONE MORSE DIN 228 - FORMA C
TOOL HOLDER FOR MORSE TAPER ADAPTATION DIN 228 - FORM C

DIN 6364-B



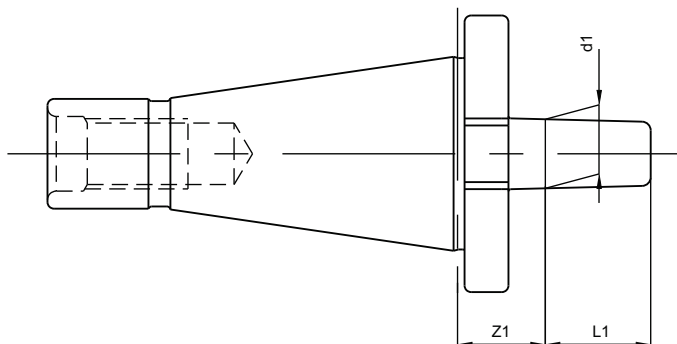
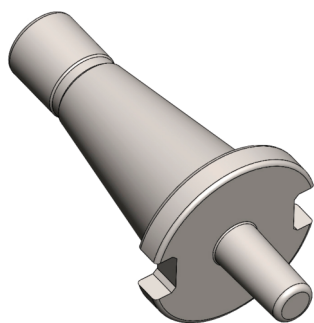
CÓDIGO/CODE	ISO	TAM./SIZE	d1	d2	L2	L4	Z1
UBR47.1501	40	CM1	12.065	25	38.40	-	50
UBR47.1502	40	CM2	17.780	32	38.40	-	50
UBR47.1503	40	CM3	23.825	40	53.40	-	65
UBR47.1504	40	CM4	31.267	48	85.40	-	95
UBR47.3504	40	CM4	31.267	63	98.40	15	95
UBR57.1501	50	CM1	12.065	25	34.80	-	50
UBR57.1502	50	CM2	17.780	32	44.80	-	60
UBR57.1503	50	CM3	23.825	40	49.80	-	65
UBR57.1504	50	CM4	31.267	48	49.80	-	65
UBR57.3504	50	CM4	31.267	63	64.80	15	65
UBR57.1505	50	CM5	44.399	63	84.80	-	100
UBR57.3505	50	CM5	44.399	78	99.80	18	100

Exemplo para pedido / Ordering example: 01 pç - **UBR47.1503**

- Dimensões diferentes do padrão, disponíveis sob consulta.
Different dimensions of the standard, available upon request.
- Sem refrigeração / Without coolant supply.

PORTA MANDRIL CONE DIN ISO 238-B
DRILL CHUCKS HOLDER - TAPER ARBOR DIN ISO 238-B

DIN ISO 238-B

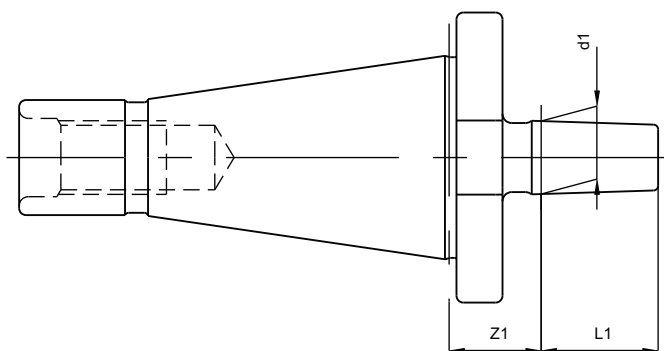
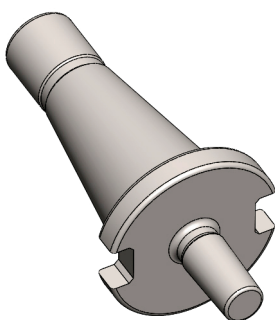


CÓDIGO/CODE	ISO	DIN 238	d1	L1	Z1
UBR37.0610	30	B10	(Ø10.094)	14.50	15
UBR37.0612	30	B12	(Ø12.065)	18.50	15
UBR37.0616	30	B16	(Ø15.733)	24	15
UBR47.0610	40	B10	(Ø10.094)	14.50	20
UBR47.0612	40	B12	(Ø12.065)	18.50	20
UBR47.0616	40	B16	(Ø15.733)	24	20
UBR47.0618	40	B18	(Ø17.780)	32	20
UBR57.0610	50	B10	(Ø10.094)	14.50	25
UBR57.0612	50	B12	(Ø12.065)	18.50	25
UBR57.0616	50	B16	(Ø15.733)	24	25
UBR57.0618	50	B18	(Ø17.780)	32	25
UBR57.0622	50	B22	(Ø21.793)	40.50	25
UBR57.0624	50	B24	(Ø23.825)	50.50	25

Exemplo para pedido / Ordering example: 01 pç - **UBR37.0616**

PORTA MANDRIL CONE DIN ISO 239 (JACOB'S)
DRILL CHUCKS HOLDER - TAPER ARBOR DIN ISO 239 (JACOBS)

DIN ISO 239



CÓDIGO/CODE	ISO	DIN 239	d1	L1	Z1
UBR37.1601	30	J1	(Ø09.754)	16.669	15
UBR37.1602	30	J2	(Ø14.199)	22.225	15
UBR37.1633	30	J33	(Ø15.850)	25.40	15
UBR47.1602	40	J2	(Ø14.199)	22.225	20
UBR47.1633	40	J33	(Ø15.850)	25.40	20
UBR47.1606	40	J6	(Ø17.170)	25.40	20
UBR57.1602	50	J2	(Ø14.199)	22.225	25
UBR57.1633	50	J33	(Ø15.850)	25.40	25
UBR57.1606	50	J6	(Ø17.170)	25.40	25

Exemplo para pedido / Ordering example: 01 pç - **UBR37.1633**

- Dimensões diferentes do padrão, disponíveis sob consulta.
Differents dimensions of the standard, available upon request.
- Sem refrigeração / Without coolant supply.