BT (JIS B 6339 MAS 403) AD/B

TOOLING SYSTEMS
SPANNWERKZEUGE
TAKIM TUTUCU SİSTEMLERİ



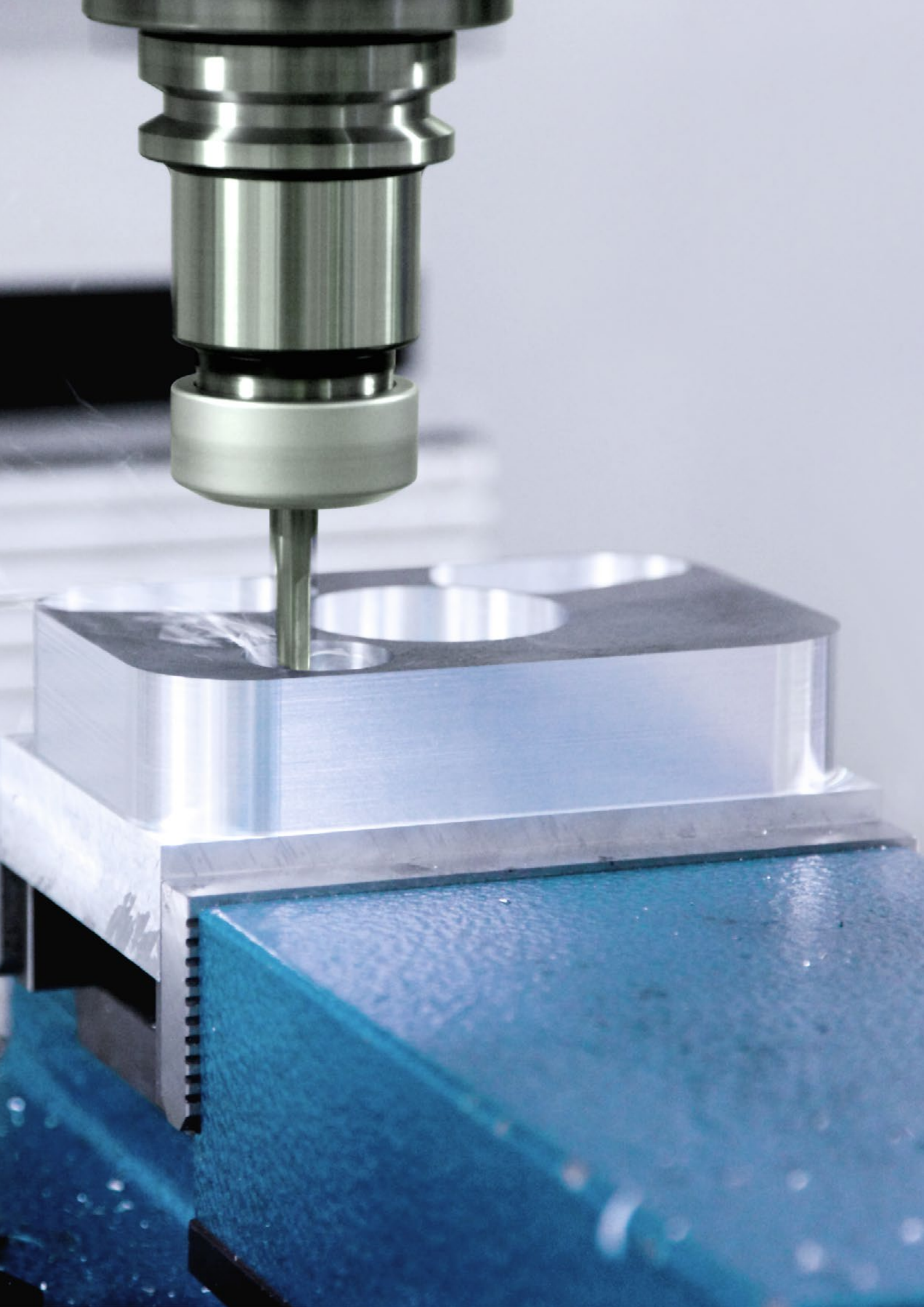
Gisstec®

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TOOLING TECHNOLOGY

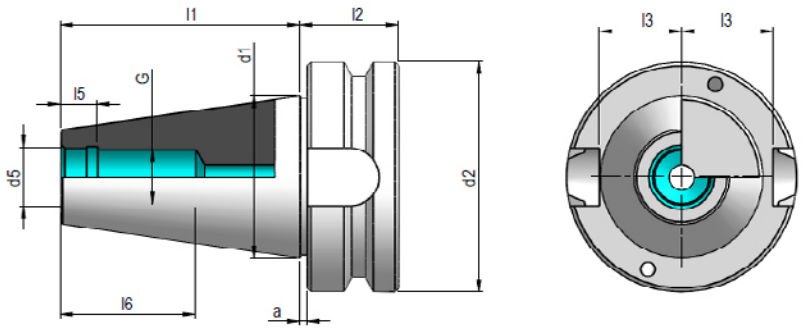


Taper Standard — JIS B 6339 MAS403 BT

Form AD/B

Kegel-Norm

Konik Şaft Ölçüleri

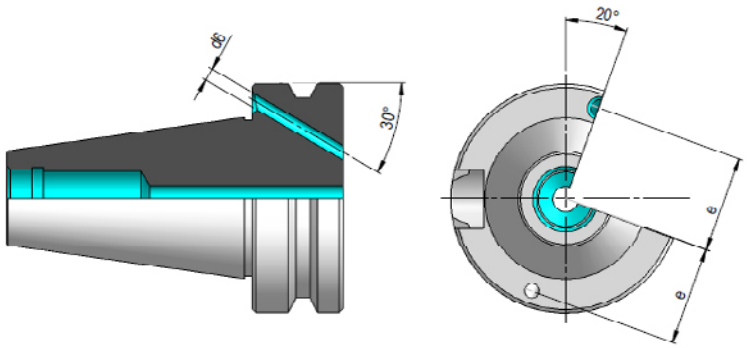


BT	d_1	G	d_5	d_2	a	l_1	l_2	l_3	l_5	l_6	d_6	e
30	31,75	M12	12,5	46	2	48,4	22	16,3	7,0	24	-	-
40	44,45	M16	17,0	63	2	65,4	27	22,5	8,2	32	M4	27
50	69,85	M24	25,0	100	3	101,8	38	35,3	11,0	47	M6	42

With Internal Coolant through the Collar — Form AD/B

Mit innerer Kühlmittelzufuhr über den Bund

Merkezden ve Flanştan Su Kanallı



Material : Case hardened steel, tensile strength in the core min. 950 N/mm²
Technical Info : Case hardened HRC 58 ± 2 depth of case 0,6 mm ± 0,2 mm, black - finish
Accuracy : Cone angle AT3 according to DIN 2080
Surface roughness of cone max 0,001 mm

Werkstoff : Legierter Einsatzstahl mit einer Zugfestigkeit im Kern von min. 950 N/mm²
Ausführung : Einsatzgehärtet HRC 58 ± 2 Härtetiefe 0,6 mm ± 0,2 mm, brüniert
Genauigkeit : Kegelwinkel - Toleranzqualität AT3 nach DIN 2080
Oberflächenrauigkeit des Kegels max. 0,001 mm

Malzeme : Alaşımlı semente çeliği çekme mukavemeti min. 950 N/mm²
Teknik Özelliği : Sertlik HRC 58 ± 2 sertlik derinliği 0,6 mm ± 0,2 mm, karartılmış
Hassasiyeti : Konik açı tolerans kalitesi DIN 2080 normuna göre AT3
Konik yüzey kalitesi max. 0,001 mm

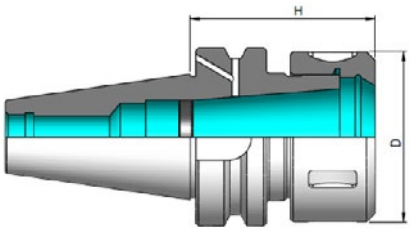
OZ Collet Chuck DIN 6391 — BT (JIS B 6339 / MAS403)

Form AD/B

G6.3 12.000 RPM

Spannzangenfutter OZ DIN 6391

OZ Pens Başlığı DIN 6391





Order No. Bestell-Nr. Sipariş No.	Description / Bezeichnung / Açıklama	H	Capacity Spannbereich Kapasite	D
340.01.116	BT40 MAS403 H 70 OZ16	70	2-16	43
340.01.125	BT40 MAS403 H 70 OZ25	70	2-25	60
340.01.132	BT40 MAS403 H 80 OZ32	80	4-32	72
340.01.216	BT40 MAS403 H100 OZ16	100	2-16	43
340.01.225	BT40 MAS403 H100 OZ25	100	2-25	60
350.01.116	BT50 MAS403 H 70 OZ16	70	2-16	43
350.01.125	BT50 MAS403 H 85 OZ25	85	2-25	60
350.01.132	BT50 MAS403 H 90 OZ32	90	4-32	72


Collet
Spannzange
Pens
138


Clamping Nut
Spannmutter
Kapak
150

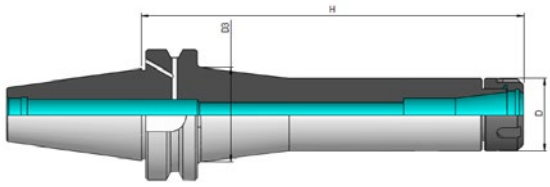

Wrench
Hakenschlüssel
Ay Anahtarı
154

ER Collet Chuck DIN 6499 — BT (JIS B 6339 / MAS403)

Form AD/B | G6.3 12.000 RPM

Spannzangenfutter ER DIN 6499

ER Pens Başlığı DIN 6499





Order No. Bestell-Nr. Sipariş No.	Description / Bezeichnung / Açıklama	H	Capacity Spannbereich Kapasite	D	D3
330.02.110	BT30 MAS403 H 70 ER16	70	1-10	32	-
330.02.116	BT30 MAS403 H 70 ER25	70	2-16	42	-
330.02.120	BT30 MAS403 H 70 ER32	70	2-20	50	-
330.02.126	BT30 MAS403 H 70 ER40	70	3-26	63	-
330.02.210	BT30 MAS403 H100 ER16	100	2-10	32	-
330.02.216	BT30 MAS403 H100 ER25	100	2-16	42	-
330.02.220	BT30 MAS403 H100 ER32	100	2-20	50	-
340.02.110	BT40 MAS403 H 70 ER16	70	1-10	32	-
340.02.113	BT40 MAS403 H 70 ER20	70	1-13	35	-
340.02.116	BT40 MAS403 H 70 ER25	70	2-16	42	-
340.02.120	BT40 MAS403 H 70 ER32	70	2-20	50	-
340.02.126	BT40 MAS403 H 70 ER40	70	3-26	63	-
340.02.210	BT40 MAS403 H100 ER16	100	1-10	32	-
340.02.213	BT40 MAS403 H100 ER20	100	1-13	35	-
340.02.216	BT40 MAS403 H100 ER25	100	2-16	42	-
340.02.220	BT40 MAS403 H100 ER32	100	2-20	50	-
340.02.226	BT40 MAS403 H100 ER40	100	3-26	63	-
340.02.310	BT40 MAS403 H130 ER16	130	1-10	32	-
340.02.316	BT40 MAS403 H130 ER25	130	2-16	42	-
340.02.320	BT40 MAS403 H130 ER32	130	2-20	50	-
340.02.326	BT40 MAS403 H130 ER40	130	3-26	63	-
340.02.410	BT40 MAS403 H160 ER16	160	1-10	32	-
340.02.416	BT40 MAS403 H160 ER25	160	2-16	42	-
340.02.420	BT40 MAS403 H160 ER32	160	2-20	50	-
340.02.426	BT40 MAS403 H160 ER40	160	3-26	63	-
340.02.510	BT40 MAS403 H200 ER16	200	1-10	32	38
340.02.516	BT40 MAS403 H200 ER25	200	2-16	42	-
340.02.520	BT40 MAS403 H200 ER32	200	2-20	50	-
340.02.526	BT40 MAS403 H200 ER40	200	3-26	63	-


Collet
Spannzange
Pens
134


Clamping Nut
Spannmutter
Kapak
150


Wrench
Spannschlüssel
Ay Anahtarı
154

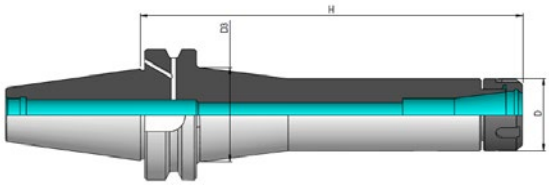
ER Collet Chuck DIN 6499 — BT (JIS B 6339 / MAS403)

Form AD/B

G6.3 12.000 RPM

Spannzangenfutter ER DIN 6499

ER Pens Başlığı DIN 6499





Order No. Bestell-Nr. Sipariş No.	Description / Bezeichnung / Açıklama	H	Capacity Spannbereich Kapasite	D	D3
350.02.110	BT50 MAS403 H 80 ER16	80	1-10	32	-
350.02.113	BT50 MAS403 H 80 ER20	80	1-13	35	-
350.02.116	BT50 MAS403 H 80 ER25	80	2-16	42	-
350.02.120	BT50 MAS403 H 80 ER32	80	2-20	50	-
350.02.126	BT50 MAS403 H 80 ER40	80	3-26	63	-
350.02.210	BT50 MAS403 H100 ER16	100	1-10	32	-
350.02.213	BT50 MAS403 H100 ER20	100	1-13	35	-
350.02.216	BT50 MAS403 H100 ER25	100	2-16	42	-
350.02.220	BT50 MAS403 H100 ER32	100	2-20	50	-
350.02.226	BT50 MAS403 H100 ER40	100	3-26	63	-
350.02.310	BT50 MAS403 H130 ER16	130	1-10	32	-
350.02.316	BT50 MAS403 H130 ER25	130	2-16	42	-
350.02.320	BT50 MAS403 H130 ER32	130	2-20	50	-
350.02.326	BT50 MAS403 H130 ER40	130	3-26	63	-
350.02.410	BT50 MAS403 H160 ER16	160	1-10	32	-
350.02.416	BT50 MAS403 H160 ER25	160	2-16	42	-
350.02.420	BT50 MAS403 H160 ER32	160	2-20	50	-
350.02.426	BT50 MAS403 H160 ER40	160	3-26	63	-
350.02.510	BT50 MAS403 H200 ER16	200	1-10	32	-
350.02.516	BT50 MAS403 H200 ER25	200	2-16	42	-
350.02.520	BT50 MAS403 H200 ER32	200	2-20	50	-
350.02.526	BT50 MAS403 H200 ER40	200	3-26	63	-


Collet
Spannzange
Pens
134


Clamping Nut
Spannmutter
Kapak
150

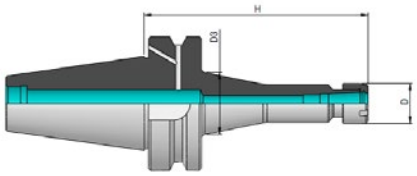

Wrench
Spannschlüssel
Ay Anahtarı
154

ER Mini Collet Chuck DIN 6499 — BT (JIS B 6339 / MAS403)

Form AD/B | G6.3 12.000 RPM

Spannzangenfutter ER Mini DIN 6499

ER Mini Pens Başlığı DIN 6499





Order No. Bestell-Nr. Sipariş No.	Description / Bezeichnung / Açıklama	H	Capacity Spannbereich Kapasite	D	D3
340.2M.107	BT40 MAS403 H70 ER11Mini	70	1-7	16	20
340.2M.110	BT40 MAS403 H70 ER16Mini	70	1-10	22	26
340.2M.207	BT40 MAS403 H100 ER11Mini	100	1-7	16	20
340.2M.210	BT40 MAS403 H100 ER16Mini	100	1-10	22	26
340.2M.213	BT40 MAS403 H100 ER20Mini	100	1-13	28	28
340.2M.307	BT40 MAS403 H130 ER11Mini	130	1-7	16	22
340.2M.310	BT40 MAS403 H130 ER16Mini	130	1-10	22	28
340.2M.407	BT40 MAS403 H160 ER11Mini	160	1-7	16	28
340.2M.410	BT40 MAS403 H160 ER16Mini	160	1-10	22	26
340.2M.510	BT40 MAS403 H200 ER16Mini	200	1-10	22	32
350.2M.210	BT50 MAS403 H100 ER16Mini	100	1-10	22	26
350.2M.213	BT50 MAS403 H100 ER20Mini	100	1-13	28	28
350.2M.410	BT50 MAS403 H160 ER16Mini	160	1-10	22	28
350.2M.413	BT50 MAS403 H160 ER20Mini	160	1-13	28	35
350.2M.510	BT50 MAS403 H200 ER16Mini	200	1-10	22	35
350.2M.513	BT50 MAS403 H200 ER20Mini	200	1-13	28	42


Collet
Spannzange
Pens
134


Clamping Nut Mini
Spannmutter Mini
Kapak Mini
151


Wrench for Mini
Spannschlüssel für Mini
Ay Anahtarı Mini
155

Ultra Precise Collet Chuck — BT (JIS B 6339 / MAS403)

Ultra-Präzises Spannzangenfutter

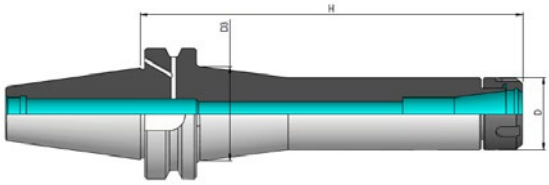
Ultra Hassas Pens Başlığı

Form AD/B

G2.5 20.000 RPM

Clamping Power / Spannkraft / Sıkma Kuvveti **+ 25%**

Runout / Rundlauf / Salgı **0,003 mm**





Order No. Bestell-Nr. Sipariş No.	Description Bezeichnung Açıklama	H	Capacity Spannbereich Kapasite	D
340.2U.110	BT40 ER16 H70	70	1-10	30
340.2U.116	BT40 ER25 H70	70	1-16	40
340.2U.120	BT40 ER32 H70	70	1-20	50
340.2U.210	BT40 ER16 H100	100	1-10	30
340.2U.316	BT40 ER25 H120	120	1-16	40
340.2U.320	BT40 ER32 H120	120	1-20	50
340.2U.410	BT40 ER16 H150	150	1-10	30
350.2U.110	BT50 ER16 H70	70	1-10	30
350.2U.120	BT50 ER32 H70	70	1-20	50
350.2U.320	BT50 ER32 H130	130	1-20	50
350.2U.410	BT50 ER16 H150	150	1-10	30



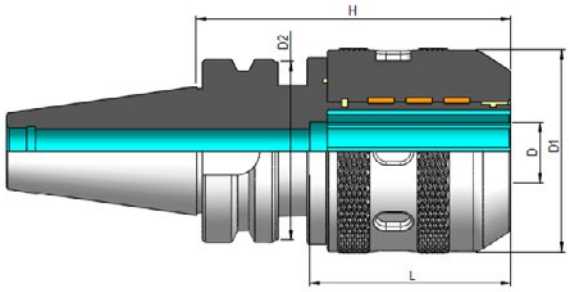
UP Collet
UP Spannzange
UP Pens
134

Milling Chuck — BT (JIS B 6339 / MAS403)

Form AD | G6.3 12.000 RPM

Kraftspannfutter

Bilyalı Pens Başlığı





Order No. Bestell-Nr. Sipariş No.	Description / Bezeichnung / Açıklama	H	L	D	D1	D2
340.03.120	BT40 MAS403 Ø20 H 90 6-20	90	60	20	53	52
340.03.132	BT40 MAS403 Ø32 H 85 6-32	85	70	32	69	63
340.03.332	BT40 MAS403 Ø32 H135 6-32	135	70	32	69	63
350.03.220	BT50 MAS403 Ø20 H100 6-20	100	60	20	53	52
350.03.232	BT50 MAS403 Ø32 H105 6-32	105	80	32	69	63
350.03.332	BT50 MAS403 Ø32 H135 6-32	135	80	32	69	63


Collet
Spannzange
Pens
157


Wrench
Hakenschlüssel
Ay Anahtarı
154

Precision Milling Chuck — BT (JIS B 6339 / MAS403)

Präzisionskraftspannfutter

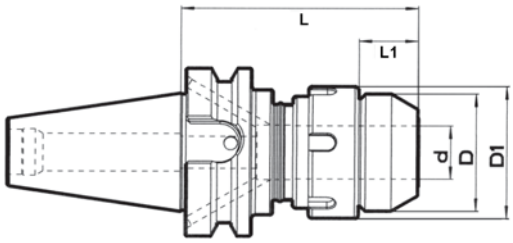
Yüksek Torklu Hassas Pens Başlığı

Form AD/B

G2.5 20.000 RPM

Clamping Power / Spannkraft / Sıkma Kuvveti **800 Nm**

Runout / Rundlauf / Salgı **0,003 mm**





Order No. Bestell-Nr. Sipariş No.	Description Bezeichnung Açıklama	d	L	D1	D	L1	Nm
340.3U.106	BT40 Ø6 x 74	6	74	32	26	11	150
340.3U.108	BT40 Ø8 x 75	8	75	32	27	11	180
340.3U.110	BT40 Ø10 x 79	10	79	37	32	13	320
340.3U.112	BT40 Ø12 x 85	12	85	37	35	20	380
340.3U.116	BT40 Ø16 x 88	16	88	44	40	21	400
340.3U.120	BT40 Ø20 x 90	20	90	49	46	23	520
340.3U.125	BT40 Ø25 x 97	25	97	54	52	26	550
340.3U.132	BT40 Ø32 x 105	32	105	68	67	33	800
340.3U.420	BT40 Ø20 x 150	20	150	49	46	23	520
340.3U.432	BT40 Ø32 x 150	32	150	68	67	33	800
350.3U.106	BT50 Ø6 x 74	6	74	32	26	11	150
350.3U.108	BT50 Ø8 x 75	8	75	32	27	11	180
350.3U.110	BT50 Ø10 x 79	10	79	37	32	13	320
350.3U.112	BT50 Ø12 x 85	12	85	37	35	20	380
350.3U.116	BT50 Ø16 x 88	16	88	44	40	21	400
350.3U.120	BT50 Ø20 x 90	20	90	49	46	23	520
350.3U.125	BT50 Ø25 x 97	25	97	54	52	26	550
350.3U.132	BT50 Ø32 x 105	32	103	68	67	33	800
350.3U.420	BT50 Ø20 x 150	20	150	49	46	23	520
350.3U.432	BT50 Ø32 x 150	32	150	68	67	33	800

Suitable for cylindrical shaft and weldon tools
Vibration dampening
Axial tool adjustment
Coolant through up to 100 bar

Geeignet für Werkzeuge mit zylindrischem Schaft und Weldon
Vibrationsdämpfung
Längeneinstellung
IK bis 100 bar

Silindirik ve veldon şaftlı kesiciler için
Vibrasyon sönümleme
Kesici boy ayarı
100 bara kadar içten su verme


Collet
Spannzange
Pens
156

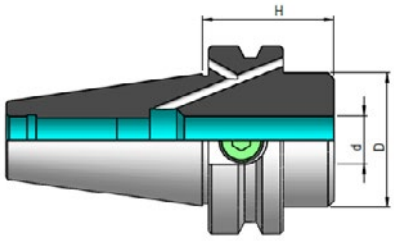

Wrench
Hakenschlüssel
Ay Anahtarı
154

End Mill Holder DIN 6359 / 1835 B, short — BT (JIS B 6339 / MAS403)

Form AD/B | G6.3 12.000 RPM

Fräseraufnahme DIN 6359 / 1835 B, kurz

Veldon Tutucu DIN 6359 / 1835 B, kısa





Order No. Bestell-Nr. Sipariş No.	Description / Bezeichnung / Açıklama	H	d	D
340.04.016	BT40 MAS403 H35 d16	35	16	44
340.04.020	BT40 MAS403 H35 d20	35	20	44
340.04.025	BT40 MAS403 H35 d25	35	25	44
340.04.032	BT40 MAS403 H70 d32	70	32	72
350.04.016	BT50 MAS403 H44 d16	44	16	70
350.04.020	BT50 MAS403 H44 d20	44	20	70
350.04.025	BT50 MAS403 H44 d25	44	25	70
350.04.032	BT50 MAS403 H44 d32	44	32	80
350.04.040	BT50 MAS403 H44 d40	44	40	80



Clamping Screw
Spannschraube
Sıkma Civatası

164

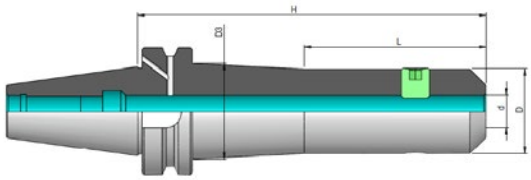
End Mill Holder DIN 6359 / 1835 B — BT (JIS B 6339 / MAS403)

Fräseraufnahme DIN 6359 / 1835 B

Veldon Tutucu DIN 6359 / 1835 B

Form AD/B

G6.3 12.000 RPM





Order No. Bestell-Nr. Sipariş No.	Description / Bezeichnung / Açıklama	H	d	D	D3
340.04.106	BT40 MAS403 H 60 d 6	60	6	25	-
340.04.108	BT40 MAS403 H 60 d 8	60	8	28	-
340.04.110	BT40 MAS403 H 65 d10	65	10	35	-
340.04.112	BT40 MAS403 H 65 d12	65	12	42	-
340.04.114	BT40 MAS403 H 65 d14	65	14	44	-
340.04.116	BT40 MAS403 H 70 d16	70	16	48	-
340.04.118	BT40 MAS403 H 70 d18	70	18	50	-
340.04.120	BT40 MAS403 H 70 d20	70	20	52	-
340.04.125	BT40 MAS403 H100 d25	100	25	65	-
340.04.132	BT40 MAS403 H110 d32	110	32	72	-
340.04.140	BT40 MAS403 H120 d40	120	40	80	-
340.04.206	BT40 MAS403 H100 d 6	100	6	25	-
340.04.208	BT40 MAS403 H100 d 8	100	8	28	-
340.04.210	BT40 MAS403 H100 d10	100	10	35	-
340.04.212	BT40 MAS403 H100 d12	100	12	42	-
340.04.214	BT40 MAS403 H100 d14	100	14	44	-
340.04.216	BT40 MAS403 H100 d16	100	16	48	-
340.04.218	BT40 MAS403 H100 d18	100	18	50	-
340.04.220	BT40 MAS403 H100 d20	100	20	52	-
340.04.306	BT40 MAS403 H130 d 6	130	6	25	-
340.04.308	BT40 MAS403 H130 d 8	130	8	28	-
340.04.310	BT40 MAS403 H130 d10	130	10	35	-
340.04.312	BT40 MAS403 H130 d12	130	12	42	-
340.04.314	BT40 MAS403 H130 d14	130	14	44	-
340.04.316	BT40 MAS403 H130 d16	130	16	48	-
340.04.318	BT40 MAS403 H130 d18	130	18	50	-
340.04.320	BT40 MAS403 H130 d20	130	20	52	-



Clamping Screw
Spannschraube
Sıkma Civatası

164

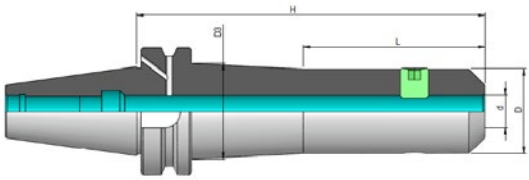
End Mill Holder DIN 6359 / 1835 B, extended — BT (JIS B 6339 / MAS403)

Form AD/B

G6.3 12.000 RPM

Fräseraufnahme DIN 6359 / 1835 B, verlängert

Veldon Tutucu DIN 6359 / 1835 B, uzun boy





Order No. Bestell-Nr. Sipariş No.	Description / Bezeichnung / Açıklama	H	d	D	D3
340.04.406	BT40 MAS403 H160 d 6	160	6	25	-
340.04.408	BT40 MAS403 H160 d 8	160	8	28	-
340.04.410	BT40 MAS403 H160 d10	160	10	35	-
340.04.412	BT40 MAS403 H160 d12	160	12	42	-
340.04.414	BT40 MAS403 H160 d14	160	14	44	-
340.04.416	BT40 MAS403 H160 d16	160	16	48	-
340.04.418	BT40 MAS403 H160 d18	160	18	50	-
340.04.420	BT40 MAS403 H160 d20	160	20	52	-
340.04.425	BT40 MAS403 H160 d25	160	25	65	-
340.04.432	BT40 MAS403 H160 d32	160	32	72	-
340.04.506	BT40 MAS403 H200 d 6	200	6	25	-
340.04.508	BT40 MAS403 H200 d 8	200	8	28	-
340.04.510	BT40 MAS403 H200 d10	200	10	35	-
340.04.512	BT40 MAS403 H200 d12	200	12	42	-
340.04.514	BT40 MAS403 H200 d14	200	14	44	-
340.04.516	BT40 MAS403 H200 d16	200	16	48	-
340.04.518	BT40 MAS403 H200 d18	200	18	50	-
340.04.520	BT40 MAS403 H200 d20	200	20	52	-
340.04.525	BT40 MAS403 H200 d25	200	25	65	-
340.04.532	BT40 MAS403 H200 d32	200	32	72	-



Clamping Screw
Spannschraube
Sıkma Civatası

164

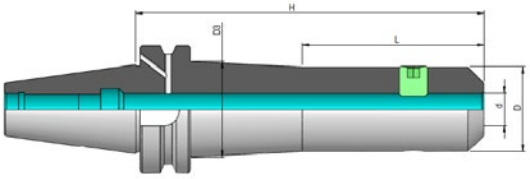
End Mill Holder DIN 6359 / 1835 B — BT (JIS B 6339 / MAS403)

Form AD/B

G6.3 12.000 RPM

Fräseraufnahme DIN 6359 / 1835 B

Veldon Tutucu DIN 6359 / 1835 B





Order No. Bestell-Nr. Sipariş No.	Description / Bezeichnung / Açıklama	H	d	D	D3
350.04.106	BT50 MAS403 H63 d 6	63	6	25	-
350.04.108	BT50 MAS403 H63 d 8	63	8	28	-
350.04.110	BT50 MAS403 H63 d10	63	10	35	-
350.04.112	BT50 MAS403 H80 d12	80	12	42	-
350.04.114	BT50 MAS403 H80 d14	80	14	44	-
350.04.116	BT50 MAS403 H80 d16	80	16	48	-
350.04.118	BT50 MAS403 H80 d18	80	18	50	-
350.04.120	BT50 MAS403 H80 d20	80	20	52	-
350.04.125	BT50 MAS403 H100 d25	100	25	65	-
350.04.132	BT50 MAS403 H105 d32	105	32	72	-
350.04.140	BT50 MAS403 H120 d40	120	40	80	-
350.04.206	BT50 MAS403 H100 d 6	100	6	25	-
350.04.208	BT50 MAS403 H100 d 8	100	8	28	-
350.04.210	BT50 MAS403 H100 d10	100	10	35	-
350.04.212	BT50 MAS403 H100 d12	100	12	42	-
350.04.214	BT50 MAS403 H100 d14	100	14	44	-
350.04.216	BT50 MAS403 H100 d16	100	16	48	-
350.04.218	BT50 MAS403 H100 d18	100	18	50	-
350.04.220	BT50 MAS403 H100 d20	100	20	52	-
350.04.306	BT50 MAS403 H130 d 6	130	6	25	-
350.04.308	BT50 MAS403 H130 d 8	130	8	28	-
350.04.310	BT50 MAS403 H130 d10	130	10	35	-
350.04.312	BT50 MAS403 H130 d12	130	12	42	-
350.04.314	BT50 MAS403 H130 d14	130	14	44	-
350.04.316	BT50 MAS403 H130 d16	130	16	48	-
350.04.318	BT50 MAS403 H130 d18	130	18	50	-
350.04.320	BT50 MAS403 H130 d20	130	20	52	-
350.04.325	BT50 MAS403 H130 d25	130	25	65	-
350.04.332	BT50 MAS403 H130 d32	130	32	72	-
350.04.340	BT50 MAS403 H130 d40	130	40	80	-



Clamping Screw
Spannschraube
Sıkma Civatası

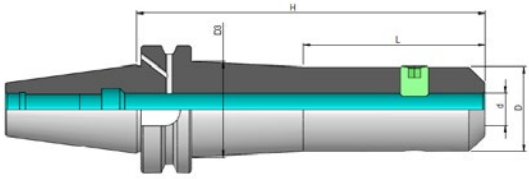
164

End Mill Holder DIN 6359 / 1835 B, extended — BT (JIS B 6339 / MAS403)

Form AD/B | **G6.3 12.000 RPM**

Fräseraufnahme DIN 6359 / 1835 B, verlängert

Veldon Tutucu DIN 6359 / 1835 B, uzun boy





Order No. Bestell-Nr. Sipariş No.	Description / Bezeichnung / Açıklama	H	d	D	D3
350.04.406	BT50 MAS403 H160 d 6	160	6	25	-
350.04.408	BT50 MAS403 H160 d 8	160	8	28	-
350.04.410	BT50 MAS403 H160 d10	160	10	35	-
350.04.412	BT50 MAS403 H160 d12	160	12	42	-
350.04.414	BT50 MAS403 H160 d14	160	14	44	-
350.04.416	BT50 MAS403 H160 d16	160	16	48	-
350.04.418	BT50 MAS403 H160 d18	160	18	50	-
350.04.420	BT50 MAS403 H160 d20	160	20	52	-
350.04.425	BT50 MAS403 H160 d25	160	25	65	-
350.04.432	BT50 MAS403 H160 d32	160	32	72	-
350.04.440	BT50 MAS403 H160 d40	160	40	80	-
350.04.506	BT50 MAS403 H200 d 6	200	6	25	-
350.04.508	BT50 MAS403 H200 d 8	200	8	28	-
350.04.510	BT50 MAS403 H200 d10	200	10	35	-
350.04.512	BT50 MAS403 H200 d12	200	12	42	-
350.04.514	BT50 MAS403 H200 d14	200	14	44	-
350.04.516	BT50 MAS403 H200 d16	200	16	48	-
350.04.518	BT50 MAS403 H200 d18	200	18	50	-
350.04.520	BT50 MAS403 H200 d20	200	20	52	-
350.04.525	BT50 MAS403 H200 d25	200	25	65	-
350.04.532	BT50 MAS403 H200 d32	200	32	72	-
350.04.540	BT50 MAS403 H200 d40	200	40	80	-



Clamping Screw
Spannschraube
Sıkma Civatası

164

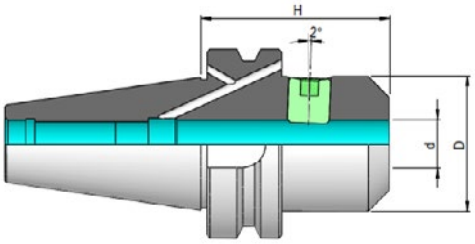
End Mill Holder Whistle Notch DIN 6359 / 1835 E BT (JIS B 6339 / MAS403)

Fräseraufnahme Whistle Notch DIN 6359 / 1835 E

Veldon Tutucu, 2° Açılı DIN 6359 / 1835 E

Form AD/B

G6.3 12.000 RPM





Order No. Bestell-Nr. Sipariş No.	Description / Bezeichnung / Açıklama	H	d	D
340.05.106	BT40 MAS403 H 50 d 6	50	6	25
340.05.108	BT40 MAS403 H 50 d 8	50	8	28
340.05.110	BT40 MAS403 H 63 d10	63	10	35
340.05.112	BT40 MAS403 H 63 d12	63	12	42
340.05.114	BT40 MAS403 H 63 d14	63	14	44
340.05.116	BT40 MAS403 H 63 d16	63	16	48
340.05.118	BT40 MAS403 H 63 d18	63	18	50
340.05.120	BT40 MAS403 H 63 d20	63	20	52
340.05.125	BT40 MAS403 H100 d25	90	25	65
340.05.132	BT40 MAS403 H100 d32	100	32	72
340.05.140	BT40 MAS403 H105 d40	105	40	80
350.05.106	BT50 MAS403 H 63 d 6	63	6	25
350.05.108	BT50 MAS403 H 63 d 8	63	8	28
350.05.110	BT50 MAS403 H 70 d10	70	10	35
350.05.112	BT50 MAS403 H 80 d12	80	12	42
350.05.114	BT50 MAS403 H 80 d14	80	14	44
350.05.116	BT50 MAS403 H 80 d16	80	16	48
350.05.118	BT50 MAS403 H 80 d18	80	18	50
350.05.120	BT50 MAS403 H 80 d20	80	20	52
350.05.125	BT50 MAS403 H100 d25	100	25	65
350.05.132	BT50 MAS403 H105 d32	105	32	72
350.05.140	BT50 MAS403 H120 d40	120	40	80



Clamping Screw
Spannschraube
Sıkma Civatası

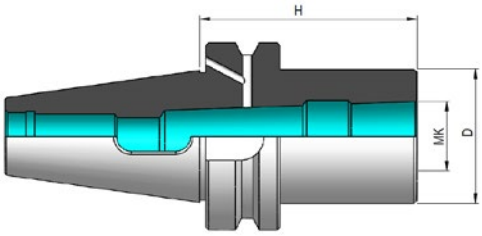
164

Morse Taper Adaptor DIN 6383 — BT (JIS B 6339 / MAS403)

Form AD/B | G6.3 12.000 RPM

Zwischenhülse mit Austreiblappen DIN 6383

Mors Adaptörü DIN 6383





Order No. Bestell-Nr. Sipariş No.	Description / Bezeichnung / Açıklama	H	D	MK
340.07.101	BT40 MAS403 H 50 MK1	50	25	1
340.07.102	BT40 MAS403 H 50 MK2	50	32	2
340.07.103	BT40 MAS403 H 70 MK3	70	40	3
340.07.104	BT40 MAS403 H 95 MK4	95	48	4
350.07.101	BT50 MAS403 H 45 MK1	45	25	1
350.07.102	BT50 MAS403 H 60 MK2	60	32	2
350.07.103	BT50 MAS403 H 65 MK3	65	40	3
350.07.104	BT50 MAS403 H 95 MK4	95	48	4
350.07.105	BT50 MAS403 H105 MK5	105	63	5

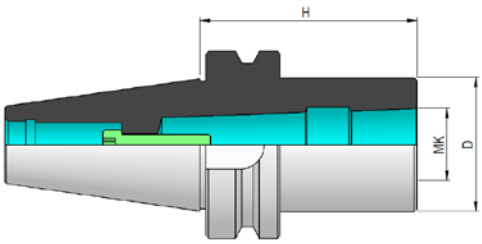
Morse Taper Adaptor with Thread DIN 6364 — BT (JIS B 6339 / MAS403)

Form A

G6.3 12.000 RPM

Zwischenhülse mit Anzugsgewinde DIN 6364

Çektirmeli Mors Adaptörü DIN 6364





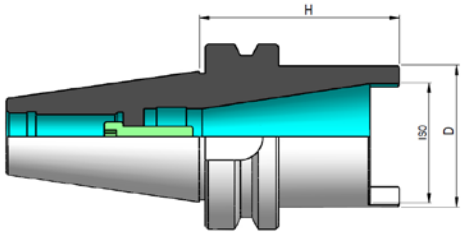
Order No. Bestell-Nr. Sipariş No.	Description / Bezeichnung / Açıklama	H	D	MK
340.08.101	BT40 MAS403 H 50 CMK1	50	25	1
340.08.102	BT40 MAS403 H 50 CMK2	50	32	2
340.08.103	BT40 MAS403 H 70 CMK3	70	40	3
340.08.104	BT40 MAS403 H 95 CMK4	95	48	4
350.08.101	BT50 MAS403 H 50 CMK1	50	25	1
350.08.102	BT50 MAS403 H 50 CMK2	50	32	2
350.08.103	BT50 MAS403 H 65 CMK3	65	40	3
350.08.104	BT50 MAS403 H 70 CMK4	70	48	4
350.08.105	BT50 MAS403 H100 CMK5	100	63	5

Reduction Sleeve — BT (JIS B 6339 / MAS403)

Form A

Reduzierhülse

Redüksiyon Çektirmeli





Order No. Bestell-Nr. Sipariş No.	Description / Bezeichnung / Açıklama	H	D	ISO
340.09.130	BT40 MAS403 H 70 ISO30	70	50	30
340.09.140	BT40 MAS403 H100 ISO40	100	68	40
350.09.140	BT50 MAS403 H 70 ISO40	70	78	40
350.09.150	BT50 MAS403 H120 ISO50	120	100	50

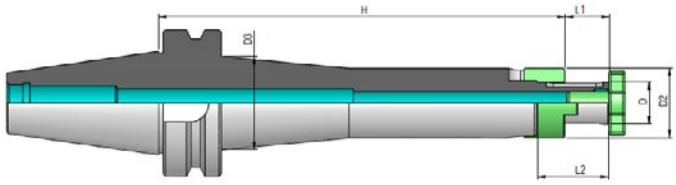
Combi Shell Mill Holder DIN 6358 — BT (JIS B 6339 / MAS403)

Kombi-Aufsteckfräserdorn DIN 6358

Kombine Malafa DIN 6358

Form AD

G6.3 12.000 RPM





Order No. Bestell-Nr. Sipariş No.	Description / Bezeichnung / Açıklama	H	L1	L2	D	D2	D3
330.10.116	BT30 MAS403 H 55 D16	55	17	27	16	32	-
330.10.122	BT30 MAS403 H 55 D22	55	19	31	22	40	-
330.10.127	BT30 MAS403 H 55 D27	55	21	33	27	48	-
340.10.116	BT40 MAS403 H 55 D16	55	17	27	16	32	-
340.10.122	BT40 MAS403 H 55 D22	55	19	31	22	40	-
340.10.127	BT40 MAS403 H 55 D27	55	21	33	27	48	-
340.10.132	BT40 MAS403 H 60 D32	60	24	38	32	58	-
340.10.140	BT40 MAS403 H 60 D40	60	27	41	40	70	-
340.10.216	BT40 MAS403 H100 D16	100	17	27	16	32	-
340.10.222	BT40 MAS403 H100 D22	100	19	31	22	40	-
340.10.227	BT40 MAS403 H100 D27	100	21	33	27	48	-
340.10.232	BT40 MAS403 H100 D32	100	24	38	32	58	-
340.10.240	BT40 MAS403 H100 D40	100	27	41	40	70	-
340.10.316	BT40 MAS403 H130 D16	130	17	27	16	32	-
340.10.322	BT40 MAS403 H130 D22	130	19	31	22	40	-
340.10.327	BT40 MAS403 H130 D27	130	21	33	27	48	-
340.10.332	BT40 MAS403 H130 D32	130	24	38	32	58	-
340.10.340	BT40 MAS403 H130 D40	130	27	41	40	70	-
340.10.416	BT40 MAS403 H160 D16	160	17	27	16	32	40
340.10.422	BT40 MAS403 H160 D22	160	19	31	22	40	-
340.10.427	BT40 MAS403 H160 D27	160	21	33	27	48	-
340.10.432	BT40 MAS403 H160 D32	160	24	38	32	58	-
340.10.440	BT40 MAS403 H160 D40	160	27	41	40	70	-
340.10.516	BT40 MAS403 H200 D16	200	17	27	16	32	40
340.10.522	BT40 MAS403 H200 D22	200	19	31	22	40	50
340.10.527	BT40 MAS403 H200 D27	200	21	33	27	48	-
340.10.532	BT40 MAS403 H200 D32	200	24	38	32	58	-
340.10.540	BT40 MAS403 H200 D40	200	27	41	40	70	-



Clutch Drive Ring
Mitnehmerring
Tırnaklı Pul

168



Draw-in Bolt
Fräseranzugsschraube
Kelebek Civata

168



Wrench
Spannschlüssel
Anahtar

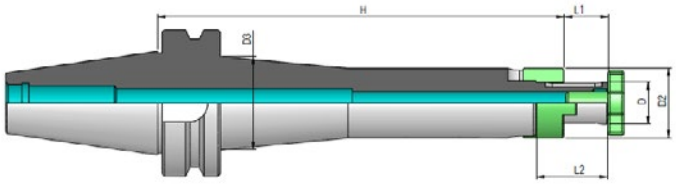
168

Combi Shell Mill Holder DIN 6358 — BT (JIS B 6339 / MAS403)

Form AD | G6.3 12.000 RPM

Kombi-Aufsteckfräserdorn DIN 6358

Kombine Malafa DIN 6358





Order No. Bestell-Nr. Sipariş No.	Description / Bezeichnung / Açıklama	H	L1	L2	D	D2	D3
350.10.116	BT50 MAS403 H 70 D16	70	17	27	16	32	-
350.10.122	BT50 MAS403 H 70 D22	70	19	31	22	40	-
350.10.127	BT50 MAS403 H 70 D27	70	21	33	27	48	-
350.10.132	BT50 MAS403 H 70 D32	70	24	38	32	58	-
350.10.140	BT50 MAS403 H 70 D40	70	27	41	40	70	-
350.10.216	BT50 MAS403 H100 D16	100	17	27	16	32	-
350.10.222	BT50 MAS403 H100 D22	100	19	31	22	40	-
350.10.227	BT50 MAS403 H100 D27	100	21	33	27	48	-
350.10.232	BT50 MAS403 H100 D32	100	24	38	32	58	-
350.10.240	BT50 MAS403 H100 D40	100	27	41	40	70	-
350.10.316	BT50 MAS403 H130 D16	130	17	27	16	32	-
350.10.322	BT50 MAS403 H130 D22	130	19	31	22	40	-
350.10.327	BT50 MAS403 H130 D27	130	21	33	27	48	-
350.10.332	BT50 MAS403 H130 D32	130	24	38	32	58	-
350.10.340	BT50 MAS403 H130 D40	130	27	41	40	70	-
350.10.416	BT50 MAS403 H160 D16	160	17	27	16	32	40
350.10.422	BT50 MAS403 H160 D22	160	19	31	22	40	-
350.10.427	BT50 MAS403 H160 D27	160	21	33	27	48	-
350.10.432	BT50 MAS403 H160 D32	160	24	38	32	58	-
350.10.440	BT50 MAS403 H160 D40	160	27	41	40	70	-
350.10.516	BT50 MAS403 H200 D16	200	17	27	16	32	40
350.10.522	BT50 MAS403 H200 D22	200	19	31	22	40	50
350.10.527	BT50 MAS403 H200 D27	200	21	33	27	48	-
350.10.532	BT50 MAS403 H200 D32	200	24	38	32	58	-
350.10.540	BT50 MAS403 H200 D40	200	27	41	40	70	-



Clutch Drive Ring
Mitnehmerring
Tırnaklı Pul

168



Draw-in Bolt
Fräseranzugsschraube
Kelebek Civata

168



Wrench
Spannschlüssel
Anahtar

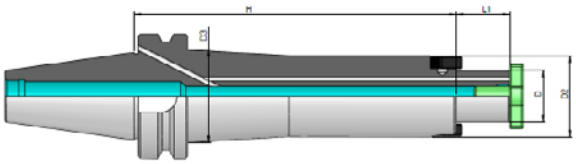
168

Shell Mill Holder DIN 6357 — BT (JIS B 6339 / MAS403)

Form AD/B | **G6.3 12.000 RPM**

Messerkopfaufnahme DIN 6357

Alın Kamalı Malafa DIN 6357





Order No. Bestell-Nr. Sipariş No.	Description / Bezeichnung / Açıklama	H	L1	D	D2	D3
340.11.016	BT40 MAS403 H 35 D16	35	17	16	38	-
340.11.022	BT40 MAS403 H 35 D22	35	19	22	48	-
340.11.027	BT40 MAS403 H 35 D27	35	21	27	58	-
340.11.116	BT40 MAS403 H 45 D16	45	17	16	38	-
340.11.122	BT40 MAS403 H 45 D22	45	19	22	48	-
340.11.127	BT40 MAS403 H 45 D27	45	21	27	58	-
340.11.132	BT40 MAS403 H 50 D32	50	24	32	78	-
340.11.140	BT40 MAS403 H 55 D40	55	27	40	88	-
340.11.216	BT40 MAS403 H100 D16	100	17	16	38	-
340.11.222	BT40 MAS403 H100 D22	100	19	22	48	-
340.11.227	BT40 MAS403 H100 D27	100	21	27	58	-
340.11.232	BT40 MAS403 H100 D32	100	24	32	78	-
340.11.240	BT40 MAS403 H100 D40	100	27	40	88	-
340.11.316	BT40 MAS403 H130 D16	130	17	16	38	-
340.11.322	BT40 MAS403 H130 D22	130	19	22	48	-
340.11.327	BT40 MAS403 H130 D27	130	21	27	58	-
340.11.332	BT40 MAS403 H130 D32	130	24	32	78	-
340.11.340	BT40 MAS403 H130 D40	130	27	40	88	-
340.11.416	BT40 MAS403 H160 D16	160	17	16	38	45
340.11.422	BT40 MAS403 H160 D22	160	19	22	48	-
340.11.427	BT40 MAS403 H160 D27	160	21	27	58	-
340.11.432	BT40 MAS403 H160 D32	160	24	32	78	-
340.11.440	BT40 MAS403 H160 D40	160	27	40	88	-
340.11.516	BT40 MAS403 H200 D16	200	17	16	38	45
340.11.522	BT40 MAS403 H200 D22	200	19	22	48	-
340.11.527	BT40 MAS403 H200 D27	200	21	27	58	-
340.11.532	BT40 MAS403 H200 D32	200	24	32	78	-
340.11.540	BT40 MAS403 H200 D40	200	27	40	88	-



Draw-in Bolt
Fräseranzugsschraube
Kelebek Civata
168



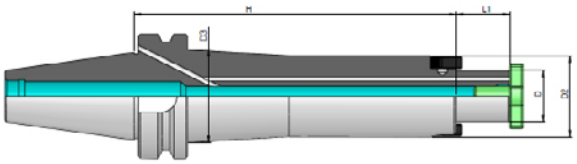
Wrench
Spannschlüssel
Anahtar
168

Shell Mill Holder DIN 6357 — BT (JIS B 6339 / MAS403)

Form AD/B | **G6.3 12.000 RPM**

Messerkopfaufnahme DIN 6357

Alın Kamalı Malafa DIN 6357





Order No. Bestell-Nr. Sipariş No.	Description / Bezeichnung / Açıklama	H	L1	D	D2	D3
350.11.116	BT50 MAS403 H 60 D16	60	17	16	38	-
350.11.122	BT50 MAS403 H 60 D22	60	19	22	48	-
350.11.127	BT50 MAS403 H 60 D27	60	21	27	58	-
350.11.132	BT50 MAS403 H 60 D32	60	24	32	78	-
350.11.140	BT50 MAS403 H 60 D40	60	27	40	88	-
350.11.216	BT50 MAS403 H100 D16	100	17	16	38	-
350.11.222	BT50 MAS403 H100 D22	100	19	22	48	-
350.11.227	BT50 MAS403 H100 D27	100	21	27	58	-
350.11.232	BT50 MAS403 H100 D32	100	24	32	78	-
350.11.240	BT50 MAS403 H100 D40	100	27	40	88	-
350.11.316	BT50 MAS403 H130 D16	130	17	16	38	-
350.11.322	BT50 MAS403 H130 D22	130	19	22	48	-
350.11.327	BT50 MAS403 H130 D27	130	21	27	58	-
350.11.332	BT50 MAS403 H130 D32	130	24	32	78	-
350.11.340	BT50 MAS403 H130 D40	130	27	40	88	-
350.11.416	BT50 MAS403 H160 D16	160	17	16	38	45
350.11.422	BT50 MAS403 H160 D22	160	19	22	48	-
350.11.427	BT50 MAS403 H160 D27	160	21	27	58	-
350.11.432	BT50 MAS403 H160 D32	160	24	32	78	-
350.11.440	BT50 MAS403 H160 D40	160	27	40	88	-



Draw-in Bolt
Fräseranzugsschraube
Kelebek Civata
168



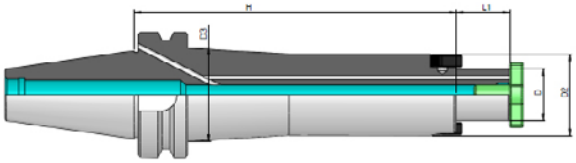
Wrench
Spannschlüssel
Anahtar
168

Shell Mill Holder DIN 6357, extended — BT (JIS B 6339 / MAS403)

Form AD | **G6.3 12.000 RPM**

Messerkopfaufnahme DIN 6357, verlängert

Alın Kamalı Malafa DIN 6357, uzun boy





Order No. Bestell-Nr. Sipariş No.	Description / Bezeichnung / Açıklama	H	L1	D	D2	D3
350.11.516	BT50 MAS403 H200 D16	200	17	16	38	46
350.11.522	BT50 MAS403 H200 D22	200	19	22	48	60
350.11.527	BT50 MAS403 H200 D27	200	21	27	58	78
350.11.532	BT50 MAS403 H200 D32	200	24	32	78	78
350.11.540	BT50 MAS403 H200 D40	200	27	40	88	-
350.11.616	BT50 MAS403 H250 D16	250	17	16	38	52
350.11.622	BT50 MAS403 H250 D22	250	19	22	48	62
350.11.627	BT50 MAS403 H250 D27	250	21	27	58	72
350.11.632	BT50 MAS403 H250 D32	250	24	32	78	-
350.11.640	BT50 MAS403 H250 D40	250	27	40	88	-
350.11.716	BT50 MAS403 H300 D16	300	17	16	38	54
350.11.722	BT50 MAS403 H300 D22	300	19	22	48	65
350.11.727	BT50 MAS403 H300 D27	300	21	27	58	76
350.11.732	BT50 MAS403 H300 D32	300	24	32	78	-
350.11.740	BT50 MAS403 H300 D40	300	27	40	88	-
350.11.816	BT50 MAS403 H350 D16	350	17	16	38	56
350.11.822	BT50 MAS403 H350 D22	350	19	22	48	66
350.11.827	BT50 MAS403 H350 D27	350	21	27	58	76
350.11.832	BT50 MAS403 H350 D32	350	24	32	78	-
350.11.840	BT50 MAS403 H350 D40	350	27	40	88	-



Draw-in Bolt
Fräseranzugsschraube
Kelebek Civata
168



Wrench
Spannschlüssel
Anahtar
168

Face Mill Holder DIN 6357 — BT (JIS B 6339 / MAS403)

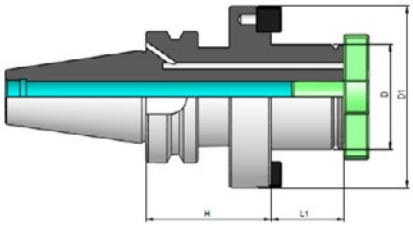
Form AD/B

G6.3 12.000 RPM

Messerkopfaufnahme DIN 6357

Alın Kamalı Malafa DIN 6357







Order No. Bestell-Nr. Sipariş No.	Description / Bezeichnung / Açıklama	H	L1	D	D1	D2	D3	b
340.13.140	BT40 MAS403 H55 D40	55	30	40	89	66,7	M12	15,9
340.13.240	BT40 MAS403 H100 D40	100	30	40	89	66,7	M12	15,9
350.13.140	BT50 MAS403 H60 D40	60	30	40	89	66,7	M12	15,9
350.13.160	BT50 MAS403 H80 D60	80	40	60	129	101,6	M16	25,4

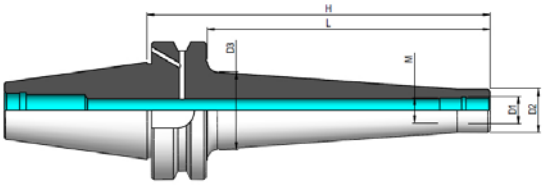
Milling Cutter Arbor — BT (JIS B 6339 / MAS403)

Form AD/B

G2.5 20.000 RPM

Fräserdorn für Aufschraubfräser

Vidalı Freze Takımı





Order No. Bestell-Nr. Sipariş No.	Description / Bezeichnung / Açıklama	H	L	D1	D2	D3	M
330.12.212	BT30 MAS403 M 12x83	83	56	12,5	21	24	M12
330.12.216	BT30 MAS403 M 16x83	83	56	17	29	34	M16
340.12.106	BT40 MAS403 M 6x63	63	36	6,5	9,7	13	M 6
340.12.108	BT40 MAS403 M 8x63	63	36	8,5	13	15	M 8
340.12.110	BT40 MAS403 M10x63	63	36	10,5	18	19,5	M10
340.12.112	BT40 MAS403 M12x63	63	36	12,5	21	24	M12
340.12.116	BT40 MAS403 M16x63	63	36	17	29	34	M16
340.12.206	BT40 MAS403 M 6x83	83	56	6,5	9,7	20	M 6
340.12.208	BT40 MAS403 M 8x83	83	56	8,5	13	23	M 8
340.12.210	BT40 MAS403 M10x83	83	56	10,5	18	25	M10
340.12.212	BT40 MAS403 M12x83	83	56	12,5	21	24	M12
340.12.216	BT40 MAS403 M16x83	83	56	17	29	34	M16
340.12.308	BT40 MAS403 M 8x103	103	76	8,5	13	23	M 8
340.12.310	BT40 MAS403 M10x103	103	76	10,5	18	28	M10
340.12.312	BT40 MAS403 M12x103	103	76	12,5	21	31	M12
340.12.316	BT40 MAS403 M16x103	103	76	17	29	34	M16
340.12.410	BT40 MAS403 M10x123	123	96	10,5	18	28	M10
340.12.412	BT40 MAS403 M12x123	123	96	12,5	21	31	M12
340.12.416	BT40 MAS403 M16x123	123	96	17	29	39	M16
340.12.516	BT40 MAS403 M16x153	153	126	17	29	39	M16

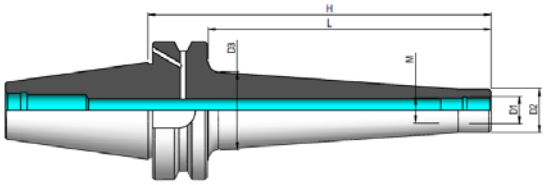
Milling Cutter Arbor — BT (JIS B 6339 / MAS403)

Form AD/B

G2.5 20.000 RPM

Fräserdorn für Aufschraubfräser

Vidalı Freze Takımı





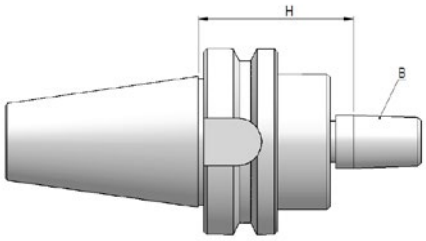
Order No. Bestell-Nr. Sipariş No.	Description / Bezeichnung / Açıklama	H	L	D1	D2	D3	M
350.12.112	BT50 MAS403 M12x 64	64	26	12,5	21	24	M12
350.12.116	BT50 MAS403 M16x 64	64	26	17	29	34	M16
350.12.212	BT50 MAS403 M12x104	104	66	12,5	21	32	M12
350.12.216	BT50 MAS403 M16x104	104	66	17	29	36	M16
350.12.312	BT50 MAS403 M12x154	154	116	12,5	21	32	M12
350.12.316	BT50 MAS403 M16X154	154	116	17	29	40	M16
350.12.412	BT50 MAS403 M12X204	204	166	12,5	21	36	M12
350.12.416	BT50 MAS403 M16x204	204	166	17	29	42	M16
350.12.512	BT50 MAS403 M12x254	254	216	12,5	21	42	M12
350.12.516	BT50 MAS403 M16x254	254	216	17	29	44	M16

Drill Chuck Adaptor DIN 238 — BT (JIS B 6339 / MAS403)

Form A | **G6.3 12.000 RPM**

Bohrfutteraufnahme DIN 238

Mandren Malafası DIN 238





Order No. Bestell-Nr. Sipariş No.	Description / Bezeichnung / Açıklama	H	B
340.14.112	BT40 MAS403 H45 B12	45	12
340.14.116	BT40 MAS403 H45 B16	45	16
340.14.118	BT40 MAS403 H45 B18	45	18
350.14.112	BT50 MAS403 H45 B12	45	12
350.14.116	BT50 MAS403 H45 B16	45	16
350.14.118	BT50 MAS403 H45 B18	45	18



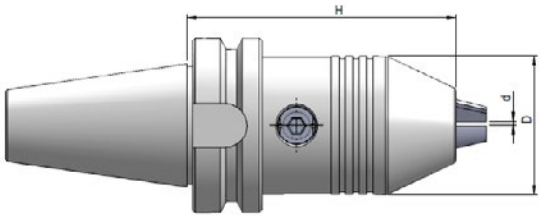
Drill Chuck
Bohrfutter
Mandren
164

NC-Drill Chuck for Left and Right Rotation — BT (JIS B 6339 / MAS403)

Form AD/B | G6.3 12.000 RPM

NC-Kurzbohrfutter für Links- und Rechtslauf

NC-Mandren Malafası, Sağ-Sol Dönüşlü





	Order No. Bestell-Nr. Sipariş No.	Description / Bezeichnung / Açıklama	H	D	d
	340.15.213	BT40 MAS403 H100,5 d13	100,5	50	1-13
	340.15.216	BT40 MAS403 H106 d16	106	50	2,5-16
	350.15.213	BT50 MAS403 H106,5 d13	106,5	50	1-13
	350.15.216	BT50 MAS403 H112 d16	112	50	2,5-16
✪	340.15.108	BT40 MAS403 H 83 d 8	83	36	0-8
✪	340.15.113	BT40 MAS403 H 95,5 d13	95,5	50	1-13
✪	340.15.116	BT40 MAS403 H101 d16	101	50	2,5-16
✪	350.15.113	BT50 MAS403 H106,5 d13	106,5	50	1-13
✪	350.15.116	BT50 MAS403 H112 d16	112	50	2,5-16

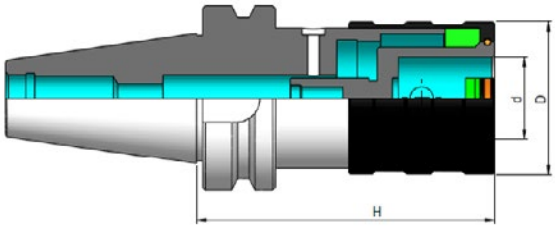
✪ Form AD

Quick Change Tapping Chuck with Compensation BT (JIS B 6339 / MAS403)

Form A

Gewindeschneidfutter mit Längenausgleich

Kılavuz Çekme Başlığı, Kompanzeli





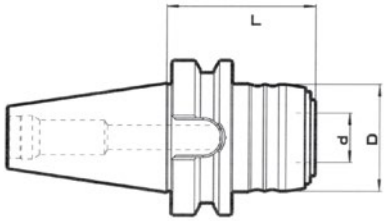
Order No. Bestell-Nr. Sipariş No.	Description / Bezeichnung / Açıklama	H	d	D	Capacity Spannbereich Kapasite	Compan.-Ext. Druck-zug Giriş-Çıkış
330.16.112	BT30 MAS403 H 63 GR1	63	19	38	M 3-M14	9 - 9
330.16.120	BT30 MAS403 H 96 GR2	96	31	55	M 5-M24	15 - 15
340.16.112	BT40 MAS403 H 68 GR1	68	19	38	M 3-M14	9 - 9
340.16.120	BT40 MAS403 H 93 GR2	93	31	55	M 5-M24	15 - 15
340.16.136	BT40 MAS403 H138 GR3	138	48	79	M14-M36	24 - 24
350.16.112	BT50 MAS403 H 80 GR1	80	19	38	M 3-M14	9 - 9
350.16.120	BT50 MAS403 H102 GR2	102	31	55	M 5-M24	15 - 15
350.16.136	BT50 MAS403 H133 GR3	133	48	79	M14-M36	24 - 24

Synchro Quick Change Tapping Chuck

Form AD

Synchro-Gewindeschneidfutter

Senkronize Kılavuz Çekme Başlığı





Order No. Bestell-Nr. Sipariş No.	Description / Bezeichnung / Açıklama	H	d	D	Capacity Spannbereich Kapasite	Compan. - Ext. Druck - zug Giriş - Çıkış
140.26.112	SK40 DIN69871 H60 GR1	53	20	43	M3-M12	0,2 - 1
140.26.120	SK40 DIN69871 H100 GR2	90	32	60	M6-M20	0,2 - 1
150.26.112	SK50 DIN69871 H83 GR2	53	20	43	M3-M12	0,2 - 1
150.26.120	SK50 DIN69871 H133 GR3	74	32	60	M6-M20	0,2 - 1



Tapping Collet
Einsatz
Kılavuz Tutucu

160



Tap Adaptor for Synchro
Einsatz für Synchro
Senkronize için Kılavuz Tutucu

162

Blank Toolholder — BT (JIS B 6339 / MAS403)

Form A

Bohrstangenrohling

Rohling Özel Takım Amaçlı





Order No. Bestell-Nr. Sipariş No.	Description / Bezeichnung / Açıklama	H	D
340.17.263	BT40 MAS403 D63x250	250	63
350.17.397	BT50 MAS403 D97X315	315	97

Test Arbor

Form A

Kontrolldorn

Kontrol Mastarı





Order No. Bestell-Nr. Sipariş No.	Description / Bezeichnung / Açıklama	d1	l1	l2	
340.18.300	BT40 MAS403 d1 40x300	40	300	269	0,003
350.18.300	BT50 MAS403 d1 50x300	50	300	267	0,003

Application : For acceptance tests for machine tools according to ISO Recommendation R-230
Verwendung : Zur Abnahme von Werkzeugmaschinen gemäß ISO-Empfehlungen R-230
Açıklama : Tezgah fener milinin ISO normu R-230'a göre uygunluğunu kontrol etmek için

Coolant Feeder — BT (JIS B 6339 / MAS403)

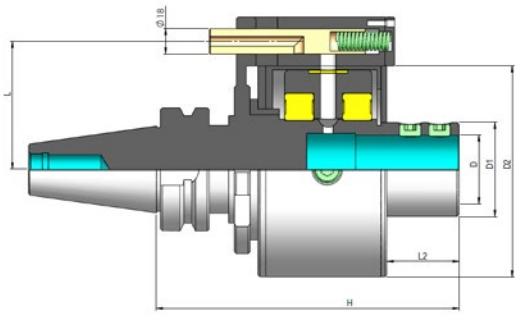
Kühlmittelzuführung

Dıştan Soğutmalı Takım Tutucu

Form A

max. 2.500 RPM

P max = 20 bar





Order No. Bestell-Nr. Sipariş No.	Description / Bezeichnung / Açıklama	H	L	L2	D	D1	D2
340.22.132	BT40 MAS403 D32	150	65	34	32	48	95
340.22.140	BT40 MAS403 D40	160	65	44	40	58	110
350.22.140	BT50 MAS403 D40	165	80	49	40	58	110



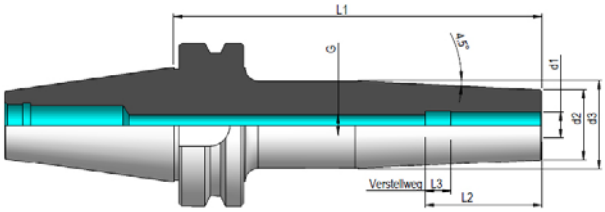
Reduction Sleeve
Reduzierbuchse
Redüksiyon
159

Shrink Holder — BT (JIS B 6339 / MAS403)

Form AD/B | **G6.3 15.000 RPM**

Schrumpffutter

Isıtmalı Takım Tutucu





Order No. Bestell-Nr. Sipariş No.	BT	d1	l1	d2	d3	l2	l3	g
340.25.103	BT40	3	80	11	15	10	-	-
340.25.104	BT40	4	80	14	22	20	5	M3
340.25.105	BT40	5	80	16	22	20	-	M4
340.25.106	BT40	6	90	21	27	36	10	M5
340.25.108	BT40	8	90	21	27	36	-	M6
340.25.110	BT40	10	90	24	32	41	-	M8x1
340.25.112	BT40	12	90	24	32	47	-	M10x1
340.25.114	BT40	14	90	27	34	47	-	M10x1
340.25.116	BT40	16	90	27	34	50	-	M12x1
340.25.118	BT40	18	90	33	42	50	-	M12x1
340.25.120	BT40	20	90	33	42	52	-	M16x1
340.25.125	BT40	25	100	44	53	58	-	M16x1
350.25.106	BT50	6	100	21	27	36	10	M5
350.25.108	BT50	8	100	21	27	36	-	M6
350.25.110	BT50	10	100	24	32	41	-	M8x1
350.25.112	BT50	12	100	24	32	47	-	M10x1
350.25.114	BT50	14	100	27	34	47	-	M10x1
350.25.116	BT50	16	100	27	34	50	-	M12x1
350.25.118	BT50	18	110	33	42	50	-	M12x1
350.25.120	BT50	20	110	33	42	52	-	M16x1
350.25.125	BT50	25	120	44	53	58	-	M16x1
350.25.132	BT50	32	120	44	53	62	-	M16x1

Application : For mounting of solid carbide and HSS cutters ø6 -ø32 with h6-tolerance and ø3-4-5 with h4 tolerance

Verwendung : Zum Spannen von HM- und HSS Werkzeugschaften ø6-ø32 mit h6-Toleranz und bei ø3-4-5 mit h4-Toleranz

Açıklama : Şaftı karbür ve HSS takımlar için şaft toleransı ø6-ø32 arası h6 ø3-4-5 arası h4 tolerans

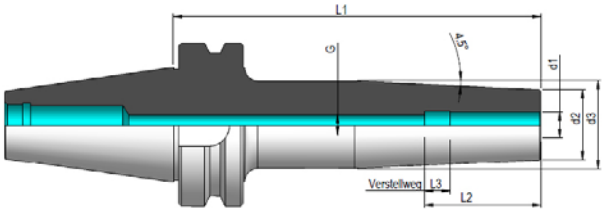
Shrink Holder — BT (JIS B 6339 / MAS403)

Form AD/B

G6.3 15.000 RPM

Schrumpffutter

Isıtmalı Takım Tutucu





Order No. Bestell-Nr. Sipariş No.	BT	d1	l1	d2	d3	l2	g
340.25.306	BT40	6	120	21	27	36	M5
340.25.308	BT40	8	120	21	27	36	M6
340.25.310	BT40	10	120	24	32	41	M8x1
340.25.312	BT40	12	120	24	32	47	M10x1
340.25.314	BT40	14	120	27	34	47	M10x1
340.25.316	BT40	16	120	27	34	50	M12x1
340.25.318	BT40	18	120	33	42	50	M12x1
340.25.320	BT40	20	120	33	42	52	M16x1
340.25.325	BT40	25	120	44	53	58	M16x1

Application : For mounting of solid carbide and HSS cutters ø6 -ø32 with h6-tolerance and ø3-4-5 with h4 tolerance

Verwendung : Zum Spannen von HM- und HSS Werkzeugschaften ø6-ø32 mit h6-Toleranz und bei ø3-4-5 mit h4-Toleranz

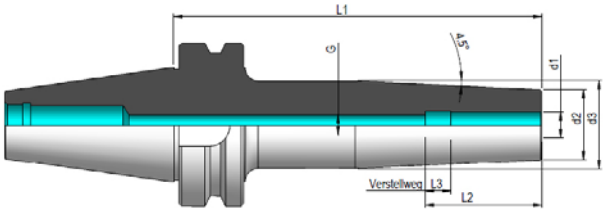
Açıklama : Şaftı karbür ve HSS takımlar için şaft toleransı ø6-ø32 arası h6 ø3-4-5 arası h4 tolerans

Shrink Holder — BT (JIS B 6339 / MAS403)

Form AD/B | **G6.3 15.000 RPM**

Schrumpffutter

Isıtmalı Takım Tutucu





Order No. Bestell-Nr. Sipariş No.	BT	d1	l1	d2	d3	l2	l3	g
340.25.406	BT40	6	160	21	27	36	-	M5
340.25.408	BT40	8	160	21	27	36	-	M6
340.25.410	BT40	10	160	24	32	41	-	M8x1
340.25.412	BT40	12	160	24	32	47	-	M10x1
340.25.414	BT40	14	160	27	34	47	-	M10x1
340.25.416	BT40	16	160	27	34	50	-	M12x1
340.25.418	BT40	18	160	33	42	50	-	M12x1
340.25.420	BT40	20	160	33	42	52	-	M16x1
340.25.425	BT40	25	160	44	53	58	-	M16x1
350.25.406	BT50	6	160	21	27	36	10	M5
350.25.408	BT50	8	160	21	27	36	-	M6
350.25.410	BT50	10	160	24	32	41	-	M8x1
350.25.412	BT50	12	160	24	32	47	-	M10x1
350.25.414	BT50	14	160	27	34	47	-	M10x1
350.25.416	BT50	16	160	27	34	50	-	M12x1
350.25.418	BT50	18	160	33	42	50	-	M12x1
350.25.420	BT50	20	160	33	42	52	-	M16x1
350.25.425	BT50	25	160	44	53	58	-	M16x1
350.25.432	BT50	32	160	44	53	62	-	M16x1

Application : For mounting of solid carbide and HSS cutters ø6 -ø32 with h6-tolerance and ø3-4-5 with h4 tolerance

Verwendung : Zum Spannen von HM- und HSS Werkzeugschaften ø6-ø32 mit h6-Toleranz und bei ø3-4-5 mit h4-Toleranz

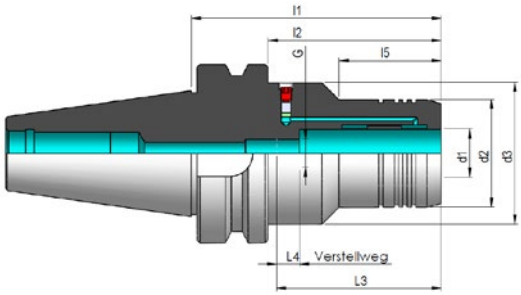
Açıklama : Şaftı karbür ve HSS takımlar için şaft toleransı ø6-ø32 arası h6 ø3-4-5 arası h4 tolerans

Hydraulic Chuck — BT (JIS B 6339 / MAS403)

Form AD/B | **G6.3 15.000 RPM**

Hydro - Dehnspannfutter

Hidrolik Takım Tutucu





Order No. Bestell-Nr. Sipariş No.	BT	d1	d2	d3	l1	l2	l3	l4	l5	g
340.30.106	BT40	6	26	50	90	63	37	10	43,0	M5
340.30.108	BT40	8	28	50	90	63	37	10	43,5	M6
340.30.110	BT40	10	30	50	90	63	42	10	44,0	M8x1
340.30.112	BT40	12	32	50	90	63	47	10	44,5	M10x1
340.30.114	BT40	14	34	50	90	63	47	10	47,5	M10x1
340.30.116	BT40	16	38	50	90	63	52	10	47,5	M12x1
340.30.118	BT40	18	40	50	90	63	52	10	47,5	M12x1
340.30.120	BT40	20	42	50	90	63	52	10	47,5	M16x1
340.30.125	BT40	25	50	63	90	51	58	10	51,0	M16x1
340.30.132	BT40	32	60	60	110	81,5	62	10	81,5	M16x1
350.30.106	BT50	6	26	80	110	72	37	10	43,0	M5
350.30.108	BT50	8	28	80	110	72	37	10	43,5	M6
350.30.110	BT50	10	30	80	110	72	42	10	44,0	M8x1
350.30.112	BT50	12	32	80	110	72	47	10	42,0	M10x1
350.30.114	BT50	14	34	80	110	72	47	10	42,0	M10x1
350.30.116	BT50	16	38	80	110	72	52	10	45,0	M12x1
350.30.118	BT50	18	40	80	110	72	52	10	45,0	M12x1
350.30.120	BT50	20	42	80	110	72	52	10	47,5	M16x1
350.30.125	BT50	25	50	80	110	72	58	10	47,5	M16x1
350.30.132	BT50	32	60	80	110	72	62	10	47,5	M16x1
350.30.140	BT50	40	70	92	130	92	72	10	92	M16x1



Reduction Sleeve
Reduzierhülse
Hidrolik Pensi

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