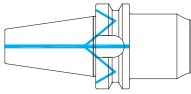




HYF

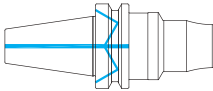


Milling hydraulic chuck
Mandrino idraulico per fresatura

JIS B6339	Form AD/B				G 2,5 25.000 rpm
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40

HYF-S

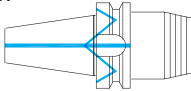


Milling hydraulic chuck - reduced
Mandrino idraulico per fresatura - scaricato

JIS B6339	Form AD/B				G 2,5 25.000 rpm
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41

HY

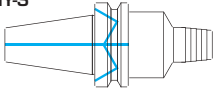


Hydraulic chuck
Mandrino idraulico

JIS B6339	Form AD/B				G 2,5 25.000 rpm
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42

HYS

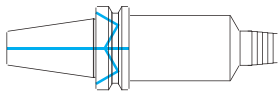


Hydraulic chuck - reduced
Mandrino idraulico - scaricato

JIS B6339	Form AD/B				G 2,5 25.000 rpm
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43

HYLS

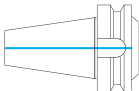


Hydraulic chuck - reduced long
Mandrino idraulico - scaricato lungo

JIS B6339	Form AD/B				G 2,5 25.000 rpm
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44

HYEK

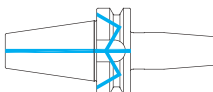


Hydraulic chuck - extra short
Mandrino idraulico - extra corto

JIS B6339	Form AD				G 2,5 25.000 rpm
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45

SF 30

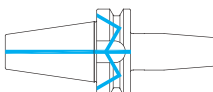


Shrink fit chuck
Mandrino calettamento a caldo

JIS B6339	Form AD				G 2,5 25.000 rpm
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46

SF 40



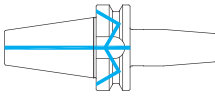
Shrink fit chuck
Mandrino a calettamento a caldo

JIS B6339	Form AD/B				G 2,5 25.000 rpm
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47



SF-S 50

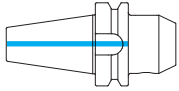


Shrink fit chuck
Mandrino a calettamento a caldo

JIS B6339	Form AD/B			G 2,5 25.000 rpm
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48

W 30

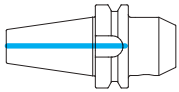


Weldon chuck
Mandrino Weldon

JIS B6339	Form AD			G 6,3 15.000 rpm
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49

W 40

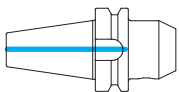


Weldon chuck
Mandrino Weldon

JIS B6339	Form AD			G 6,3 15.000 rpm
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50

W 50

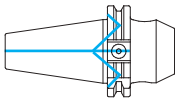


Weldon chuck
Mandrino Weldon

JIS B6339	Form AD			G 6,3 15.000 rpm
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51

W 40 AD/B

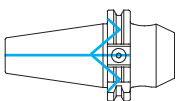


Weldon chuck
Mandrino Weldon

JIS B6339	Form AD/B			G 6,3 15.000 rpm
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52

W 50 AD/B

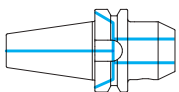


Weldon chuck
Mandrino Weldon

JIS B6339	Form AD/B			G 6,3 15.000 rpm
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53

W-AF

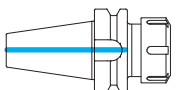


Weldon chuck with front coolant
Mandrino Weldon con refrigerante frontale

JIS B6339	Form AF			G 6,3 15.000 rpm
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54

ER-NT



ER chuck with thread
Portapinze ER con filetto

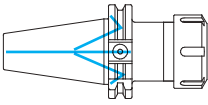
JIS B6339	Form AD			G 6,3 15.000 rpm
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55

MAS-BT



ER-NT AD/B

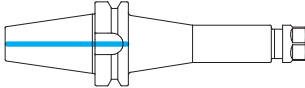


ER chuck with thread
Portapinzze ER con filetto

JIS B6339	Form AD/B				G 6,3 15.000 rpm
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56

ER-LT

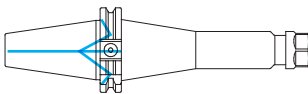


ER chuck with thread - long
Portapinzze ER con filetto - lungo

JIS B6339	Form AD				G 6,3 15.000 rpm
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57

ER-LT AD/B

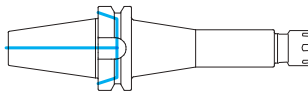


ER chuck with thread - long
Portapinzze ER con filetto - lungo

JIS B6339	Form AD/B				G 6,3 15.000 rpm
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58

ER-MN

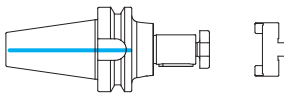


ER chuck mini nut with internal thread
Portapinzze ER mini con filetto interno

DIN 69871	Form AD/B				G6,3 15.000 min ⁻¹
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59

SM

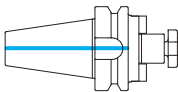


Shell end mill holder
Portafrese a manicotto

JIS B6339	Form AD				G 6,3 15.000 rpm
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60

SM-E

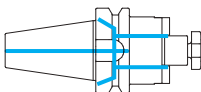


Shell end mill holder - enlarged
Portafrese a manicotto - maggiorato

JIS B6339	Form AD				G 6,3 15.000 rpm
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61

SM-E AF

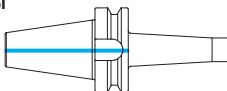


Shell end mill holder - enlarged
Portafrese a manicotto - maggiorato

JIS B6339	Form AF				G 6,3 15.000 rpm
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62

SI



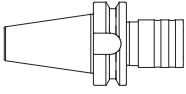
Screw-In milling cutters holder
Portatestine con filetto interno

JIS B6339	Form AD				G 2,5 20.000 rpm
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63



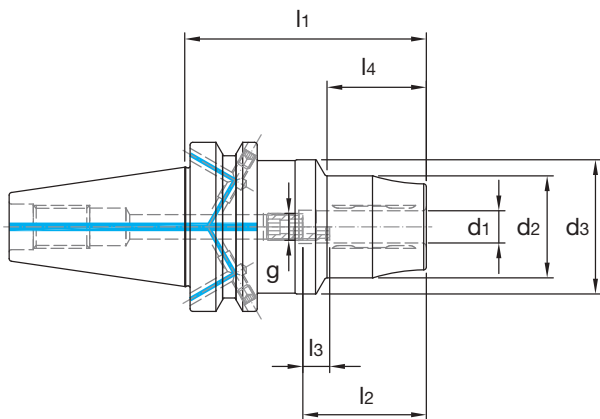
TH



Tapping chuck
Mandrino maschiatore

JIS B6339					
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64



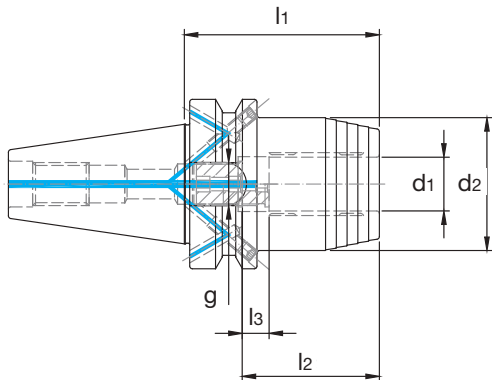
JIS
B6339

Form
AD/B



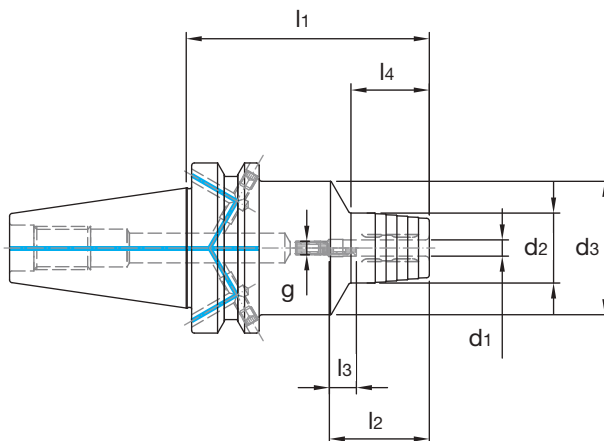
G 2,5
25.000 rpm

art.	BT	d1	d2	d3	l1	l2	l3	l4	g	kg		€
BT - AD/B . 040 . HYF-S . 06 . 080	40	6	32	50	80	37	10	26	M 5	1,6		584,00
BT - AD/B . 040 . HYF-S . 08 . 080	40	8	34	50	80	37	10	27	M 6	1,6		584,00
BT - AD/B . 040 . HYF-S . 10 . 085	40	10	36	50	85	41	10	32	M 8x1	1,6		584,00
BT - AD/B . 040 . HYF-S . 12 . 090	40	12	38	50	90	46	10	37	M10x1	1,7		526,00
BT - AD/B . 040 . HYF-S . 14 . 090	40	14	40	50	90	46	10	37	M10x1	1,8		584,00
BT - AD/B . 040 . HYF-S . 16 . 095	40	16	42	50	95	49	10	42	M12x1	1,8		584,00
BT - AD/B . 040 . HYF-S . 18 . 095	40	18	44	50	95	49	10	42	M12x1	1,9		584,00
BT - AD/B . 040 . HYF-S . 20 . 100	40	20	48	50	100	51	10	45	M16x1	1,9		526,00
BT - AD/B . 040 . HYF-S . 25 . 110	40	25	57	50	110	57	10	60	M16x1	2,4		584,00
BT - AD/B . 040 . HYF-S . 32 . 120	40	32	63	50	120	61	10	65	M16x1	2,7		584,00



JIS B6339	Form AD/B				G 2,5 25.000 rpm
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art.		BT	d1	d2		l1	l2	l3		g	kg		€
BT - AD/B . 040 .	HY .20 . 072	40	20	49,5		72,5	51	10		M16x1	1,5		269,00
BT - AD/B . 050 .	HY .32 . 090	50	32	72		90	61	10		M16x1	4,7		303,00



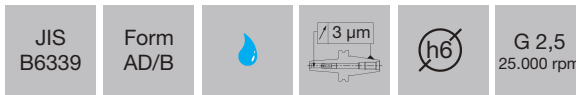
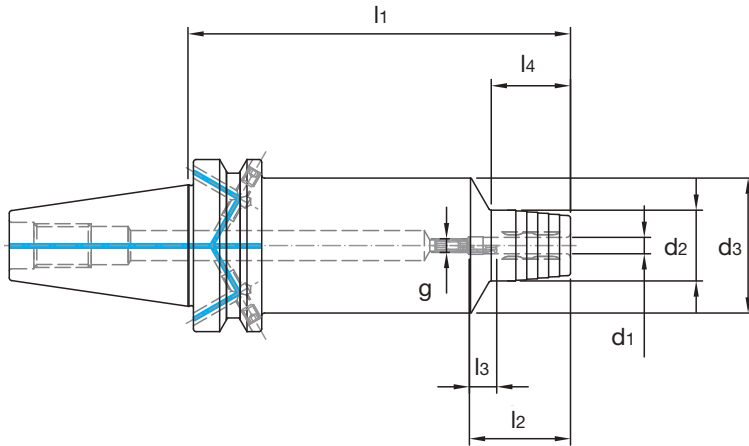
JIS B6339	Form AD	Form AD/B				G 2,5 25.000 rpm
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art.	BT	d1	d2	d3	l1	l2	l3	l4	g	kg		€
BT - AD . 030 . HY-S . 06 . 050	30	6	26	45	50,8	37	10	12,0	M 5	0,7		499,00
BT - AD . 030 . HY-S . 08 . 050	30	8	28	45	50,8	37	10	12,5	M 6	0,7		499,00
BT - AD . 030 . HY-S . 10 . 050	30	10	30	45	50,8	41	10	13,0	M 8x1	0,7		499,00
BT - AD . 030 . HY-S . 12 . 050	30	12	32	45	50,8	46	10	14,0	M 8x1	0,7		499,00
BT - AD . 030 . HY-S . 14 . 090	30	14	34	45	90	46	10	45,0	M 8x1	1		499,00
BT - AD . 030 . HY-S . 16 . 090	30	16	38	45	90	49	10	50,0	M 8x1	1		499,00
BT - AD . 030 . HY-S . 18 . 090	30	18	40	45	90	49	10	50,0	M 8x1	1		499,00
BT - AD . 030 . HY-S . 20 . 090	30	20	42	45	90	51	10	50,0	M 8x1	1		499,00

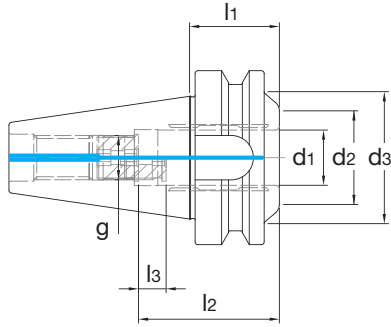
BT - AD/B . 040 . HY-S . 06 . 090	40	6	26	49,5	90	37	10	29	M 5	1,5		509,00
BT - AD/B . 040 . HY-S . 08 . 090	40	8	28	49,5	90	37	10	30	M 6	1,6		509,00
BT - AD/B . 040 . HY-S . 10 . 090	40	10	30	49,5	90	41	10	35	M 8x1	1,6		509,00
BT - AD/B . 040 . HY-S . 12 . 090	40	12	32	49,5	90	46	10	40	M10x1	1,6		450,00
BT - AD/B . 040 . HY-S . 14 . 090	40	14	34	49,5	90	46	10	40	M10x1	1,6		509,00
BT - AD/B . 040 . HY-S . 16 . 090	40	16	38	49,5	90	49	10	45	M12x1	1,6		509,00
BT - AD/B . 040 . HY-S . 18 . 090	40	18	40	49,5	90	49	10	46	M12x1	1,6		509,00
BT - AD/B . 040 . HY-S . 20 . 090	40	20	42	49,5	90	51	10	47	M16x1	1,6		450,00
BT - AD/B . 040 . HY-S . 25 . 090	40	25	55	52	90	57	10	50	M16x1	1,9		509,00
BT - AD/B . 040 . HY-S . 32 . 090	40	32	63	59	90	61	10	48	M16x1	2,1		509,00

BT - AD/B . 050 . HY-S . 06 . 090	50	6	26	49,5	90	37	10	29	M 5	4,2		706,00
BT - AD/B . 050 . HY-S . 08 . 090	50	8	28	49,5	90	37	10	30	M 6	4,2		706,00
BT - AD/B . 050 . HY-S . 10 . 090	50	10	30	49,5	90	41	10	34	M 8x1	4,2		706,00
BT - AD/B . 050 . HY-S . 12 . 090	50	12	32	49,5	90	46	10	34	M10x1	4,2		641,00
BT - AD/B . 050 . HY-S . 14 . 090	50	14	34	49,5	90	46	10	34	M10x1	4,2		706,00
BT - AD/B . 050 . HY-S . 16 . 090	50	16	38	49,5	90	49	10	35	M12x1	4,2		706,00
BT - AD/B . 050 . HY-S . 18 . 090	50	18	40	49,5	90	49	10	35	M12x1	4,2		706,00
BT - AD/B . 050 . HY-S . 20 . 090	50	20	42	49,5	90	51	10	35	M16x1	4,2		641,00
BT - AD/B . 050 . HY-S . 25 . 090	50	25	55	63	110	57	10	48	M16x1	4,6		706,00
BT - AD/B . 050 . HY-S . 32 . 090	50	32	63	70	110	61	10	50	M16x1	5		706,00

Accessories for Hydraulic chuck pag. 158 - Pull studs pag. 175
Accessori per Mandrino idraulico per foratura e alesatura pag. 158 - Codoli pag. 175



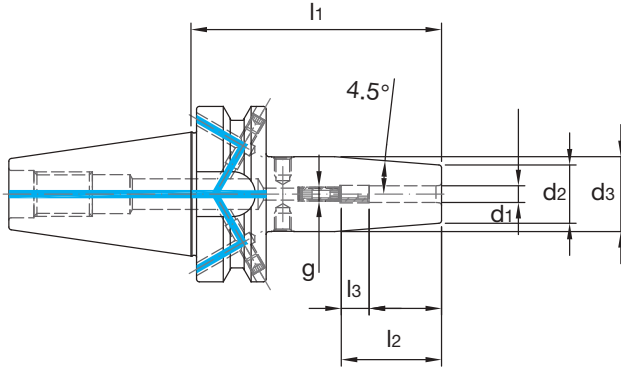
art.	BT	d1	d2	d3	l1	l2	l3	l4	g	kg		€
BT - AD/B . 040 . HYS . 06 . 090	40	6	26	49,5	90	37	10	29	M 5	1,5		757,00
BT - AD/B . 040 . HYS . 08 . 090	40	8	28	49,5	90	37	10	30	M 6	1,6		757,00
BT - AD/B . 040 . HYS . 10 . 090	40	10	30	49,5	90	41	10	35	M 8x1	1,6		757,00
BT - AD/B . 040 . HYS . 12 . 090	40	12	32	49,5	90	46	10	40	M10x1	1,6		623,00
BT - AD/B . 040 . HYS . 14 . 090	40	14	34	49,5	90	46	10	40	M10x1	1,6		757,00
BT - AD/B . 040 . HYS . 16 . 090	40	16	38	49,5	90	49	10	45	M12x1	1,6		757,00
BT - AD/B . 040 . HYS . 18 . 090	40	18	40	49,5	90	49	10	46	M12x1	1,6		757,00
BT - AD/B . 040 . HYS . 20 . 090	40	20	42	49,5	90	51	10	47	M16x1	1,6		623,00
BT - AD/B . 040 . HYS . 25 . 090	40	25	55	52	90	57	10	50	M16x1	1,9		757,00
BT - AD/B . 040 . HYS . 32 . 090	40	32	63	59	90	61	10	48	M16x1	2,1		757,00
BT - AD/B . 050 . HYS . 06 . 090	50	6	26	49,5	90	37	10	29	M 5	4,2		913,00
BT - AD/B . 050 . HYS . 08 . 090	50	8	28	49,5	90	37	10	30	M 6	4,2		913,00
BT - AD/B . 050 . HYS . 10 . 090	50	10	30	49,5	90	41	10	34	M 8x1	4,2		913,00
BT - AD/B . 050 . HYS . 12 . 090	50	12	32	49,5	90	46	10	34	M10x1	4,2		811,00
BT - AD/B . 050 . HYS . 14 . 090	50	14	34	49,5	90	46	10	34	M10x1	4,2		913,00
BT - AD/B . 050 . HYS . 16 . 090	50	16	38	49,5	90	49	10	35	M12x1	4,2		913,00
BT - AD/B . 050 . HYS . 18 . 090	50	18	40	49,5	90	49	10	35	M12x1	4,2		913,00
BT - AD/B . 050 . HYS . 20 . 090	50	20	42	49,5	90	51	10	35	M16x1	4,2		811,00
BT - AD/B . 050 . HYS . 25 . 090	50	25	55	63	110	57	10	48	M16x1	4,6		913,00
BT - AD/B . 050 . HYS . 32 . 090	50	32	63	70	110	61	10	50	M16x1	5		811,00



JIS B6339	Form AD				G 2,5 25.000 rpm
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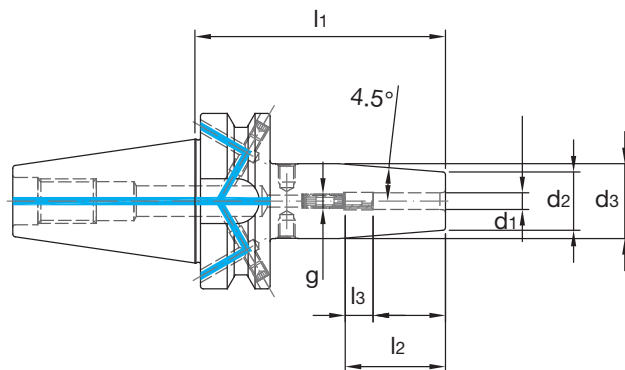
art.	BT	d1	d2	d3	l1	l2	l3	g	kg	€
BT - AD . 040 . HY-EK . 20 . 032	40	20	34	48	32,5	51	10	M16x1	0,7	393,00

Accessories for Hydraulic chuck pag. 158 - Pull stud pag. 175
 Accessori per Mandrini idraulici per foratura e alesatura pag. 158 - Codoli pag. 175

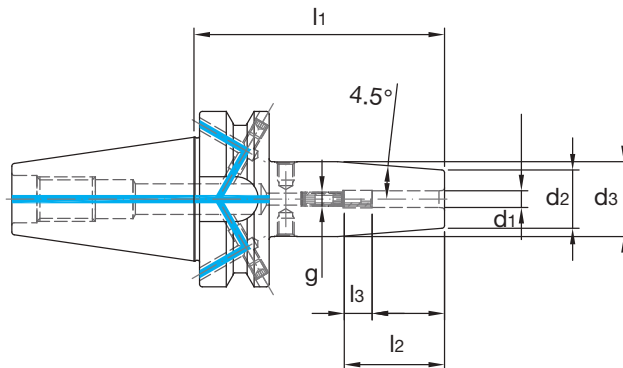


JIS B6339	Form AD			G 2,5 25.000 rpm
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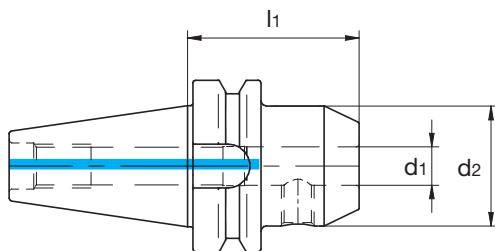
art.	BT	d1	d2	d3	l1	l2	l3	g	kg	Form screw	€
BT-AD .030 .SF .03 .085	30	3	10	17	85	28	16	M6	0,7	A	187,00
BT-AD .030 .SF .04 .085	30	4	15	22	85	28	12	M6	0,7	A	187,00
BT-AD .030 .SF .05 .085	30	5	15	22	85	30	10	M6	0,7	A	187,00
BT-AD .030 .SF .06 .085	30	6	21	27	85	36	10	M5	0,8	A	156,00
BT-AD .030 .SF .08 .085	30	8	21	27	85	36	10	M6	0,8	A	156,00
BT-AD .030 .SF .10 .085	30	10	24	32	85	41	10	M8x1	0,8	A	156,00
BT-AD .030 .SF .12 .085	30	12	24	32	85	47	10	M10x1	0,9	A	156,00
BT-AD .030 .SF .14 .085	30	14	27	34	85	47	10	M10x1	0,9	A	156,00
BT-AD .030 .SF .16 .085	30	16	27	34	85	50	10	M12x1	0,9	A	156,00
BT-AD .030 .SF .18 .085	30	18	33	42	85	50	10	M12x1	1,0	A	156,00
BT-AD .030 .SF .20 .085	30	20	33	42	85	52	10	M16x1	1,0	A	156,00



art.	BT	d1	d2	d3	l1	l2	l3		g	kg	Form screw		€
BT-AD/B .040 .SF .03 .090	40	3	10	17	90	28	16		M6	1,1	A		202,00
BT-AD/B .040 .SF .03 .120	40	3	10	20	120	-	-		-	1,2	A		239,00
BT-AD/B .040 .SF .03 .160	40	3	10	20	160	-	-		-	1,4	A		269,00
BT-AD/B .040 .SF .04 .090	40	4	15	22	90	28	12		M6	1,1	A		195,00
BT-AD/B .040 .SF .04 .120	40	4	15	22	120	-	-		-	1,3	A		232,00
BT-AD/B .040 .SF .04 .160	40	4	15	22	160	-	-		-	1,5	A		263,00
BT-AD/B .040 .SF .05 .090	40	5	15	22	90	30	10		M6	1,1	A		195,00
BT-AD/B .040 .SF .05 .120	40	5	15	22	120	-	-		-	1,3	A		232,00
BT-AD/B .040 .SF .05 .160	40	5	15	22	160	-	-		-	1,5	A		263,00
BT-AD/B .040 .SF .06 .090	40	6	21	27	90	36	10		M5	1,2	A		164,00
BT-AD/B .040 .SF .06 .120	40	6	21	27	120	36	10		M5	1,3	A		194,00
BT-AD/B .040 .SF .06 .160	40	6	21	27	160	36	10		M5	1,7	A		216,00
BT-AD/B .040 .SF .08 .090	40	8	21	27	90	36	10		M6	1,2	A		164,00
BT-AD/B .040 .SF .08 .120	40	8	21	27	120	36	10		M6	1,3	A		194,00
BT-AD/B .040 .SF .08 .160	40	8	21	27	160	36	10		M6	1,7	A		216,00
BT-AD/B .040 .SF .10 .090	40	10	24	32	90	41	10		M8x1	1,3	A		164,00
BT-AD/B .040 .SF .10 .120	40	10	24	32	120	41	10		M8x1	1,4	A		194,00
BT-AD/B .040 .SF .10 .160	40	10	24	32	160	41	10		M8x1	1,7	A		216,00
BT-AD/B .040 .SF .12 .090	40	12	24	32	90	47	10		M10x1	1,3	A		164,00
BT-AD/B .040 .SF .12 .120	40	12	24	32	120	47	10		M10x1	1,6	A		194,00
BT-AD/B .040 .SF .12 .160	40	12	24	32	160	47	10		M10x1	1,7	A		216,00
BT-AD/B .040 .SF .14 .090	40	14	27	34	90	47	10		M10x1	1,3	A		164,00
BT-AD/B .040 .SF .14 .120	40	14	27	34	120	47	10		M10x1	1,4	A		194,00
BT-AD/B .040 .SF .14 .160	40	14	27	34	160	47	10		M10x1	1,8	A		216,00
BT-AD/B .040 .SF .16 .090	40	16	27	34	90	50	10		M12x1	1,3	A		164,00
BT-AD/B .040 .SF .16 .120	40	16	27	34	120	50	10		M12x1	1,4	A		194,00
BT-AD/B .040 .SF .16 .160	40	16	27	34	160	50	10		M12x1	1,8	A		216,00
BT-AD/B .040 .SF .18 .090	40	18	33	42	90	50	10		M12x1	1,4	A		164,00
BT-AD/B .040 .SF .18 .120	40	18	33	42	120	50	10		M12x1	1,6	A		194,00
BT-AD/B .040 .SF .18 .160	40	18	33	42	160	50	10		M12x1	2,2	A		216,00
BT-AD/B .040 .SF .20 .090	40	20	33	42	90	52	10		M16x1	1,4	A		164,00
BT-AD/B .040 .SF .20 .120	40	20	33	42	120	52	10		M16x1	1,6	A		194,00
BT-AD/B .040 .SF .20 .160	40	20	33	42	160	52	10		M16x1	2,1	A		216,00
BT-AD/B .040 .SF .25 .100	40	25	44	53	100	58	10		M16x1	1,8	A		164,00
BT-AD/B .040 .SF .25 .120	40	25	44	53	120	58	10		M16x1	2	A		194,00
BT-AD/B .040 .SF .25 .160	40	25	44	53	160	58	10		M16x1	2,7	A		216,00
BT-AD/B .040 .SF .32 .100	40	32	44	53	100	62	10		M16x1	-	A		164,00
BT-AD/B .040 .SF .32 .120	40	32	44	53	120	62	10		M16x1	1,8	A		194,00
BT-AD/B .040 .SF .32 .160	40	32	44	53	160	62	10		M16x1	2	A		216,00

JIS
B6339Form
AD/BG 2,5
25.000 rpm

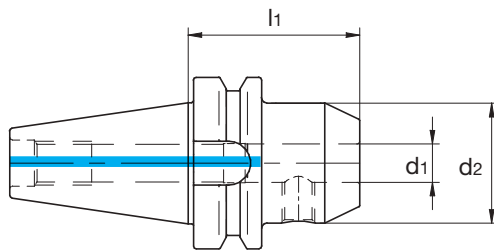
art.	BT	d1	d2	d3	l1	l2	l3		g	kg	Form screw	€
BT-AD/B .050 . SF .03 .100	50	3	10	17	100	-	-		-	3,6	A	284,00
BT-AD/B .050 . SF .03 .120	50	3	10	20	120	-	-		-	3,7	A	323,00
BT-AD/B .050 . SF .03 .160	50	3	10	20	160	-	-		-	3,9	A	354,00
BT-AD/B .050 . SF .04 .100	50	4	15	22	100	-	-		-	3,7	A	278,00
BT-AD/B .050 . SF .04 .120	50	4	15	22	120	-	-		-	3,8	A	318,00
BT-AD/B .050 . SF .04 .160	50	4	15	22	160	-	-		-	4	A	349,00
BT-AD/B .050 . SF .05 .100	50	5	15	22	100	-	-		-	3,7	A	278,00
BT-AD/B .050 . SF .05 .120	50	5	15	22	120	-	-		-	3,8	A	318,00
BT-AD/B .050 . SF .05 .160	50	5	15	22	160	-	-		-	4	A	349,00
BT-AD/B .050 . SF .06 .100	50	6	21	27	100	36	10		M5	3,8	A	246,00
BT-AD/B .050 . SF .06 .120	50	6	21	27	120	36	10		M5	3,8	A	289,00
BT-AD/B .050 . SF .06 .160	50	6	21	27	160	36	10		M5	4,2	A	316,00
BT-AD/B .050 . SF .08 .100	50	8	21	27	100	36	10		M6	3,8	A	246,00
BT-AD/B .050 . SF .08 .120	50	8	21	27	120	36	10		M6	3,8	A	289,00
BT-AD/B .050 . SF .08 .160	50	8	21	27	160	36	10		M6	4,2	A	316,00
BT-AD/B .050 . SF .10 .100	50	10	24	32	100	41	10		M8x1	3,9	A	246,00
BT-AD/B .050 . SF .10 .120	50	10	24	32	120	41	10		M8x1	4,2	A	289,00
BT-AD/B .050 . SF .10 .160	50	10	24	32	160	41	10		M8x1	4,3	A	316,00
BT-AD/B .050 . SF .12 .100	50	12	24	32	100	47	10		M10x1	3,8	A	246,00
BT-AD/B .050 . SF .12 .120	50	12	24	32	120	47	10		M10x1	4	A	289,00
BT-AD/B .050 . SF .12 .160	50	12	24	32	160	47	10		M10x1	4,2	A	316,00
BT-AD/B .050 . SF .14 .100	50	14	27	34	100	47	10		M10x1	3,9	A	246,00
BT-AD/B .050 . SF .14 .120	50	14	27	34	120	47	10		M10x1	4	A	289,00
BT-AD/B .050 . SF .14 .160	50	14	27	34	160	47	10		M10x1	4,3	A	316,00
BT-AD/B .050 . SF .16 .100	50	16	27	34	100	50	10		M12x1	3,8	A	246,00
BT-AD/B .050 . SF .16 .120	50	15	27	34	120	50	10		M12x1	4	A	289,00
BT-AD/B .050 . SF .16 .160	50	16	27	34	160	50	10		M12x1	4,3	A	316,00
BT-AD/B .050 . SF .18 .100	50	18	33	42	100	50	10		M12x1	4,0	A	246,00
BT-AD/B .050 . SF .18 .120	50	18	33	42	120	50	10		M12x1	4,2	A	289,00
BT-AD/B .050 . SF .18 .160	50	18	33	42	160	50	10		M12x1	4,6	A	316,00
BT-AD/B .050 . SF .20 .100	50	20	33	42	100	52	10		M16x1	4,0	A	246,00
BT-AD/B .050 . SF .20 .120	50	20	33	42	120	52	10		M16x1	4,2	A	289,00
BT-AD/B .050 . SF .20 .160	50	20	33	42	160	52	10		M16x1	4,5	A	316,00
BT-AD/B .050 . SF .25 .110	50	25	44	53	110	58	10		M16x1	4,2	A	246,00
BT-AD/B .050 . SF .25 .120	50	25	44	53	120	58	10		M16x1	4,6	A	289,00
BT-AD/B .050 . SF .25 .160	50	25	44	53	160	58	10		M16x1	5,1	A	316,00
BT-AD/B .050 . SF .32 .110	50	32	44	53	110	62	10		M16x1	4,1	A	246,00
BT-AD/B .050 . SF .32 .120	50	32	44	53	120	62	10		M16x1	4,4	A	289,00
BT-AD/B .050 . SF .32 .160	50	32	44	53	160	62	10		M16x1	4,9	A	316,00



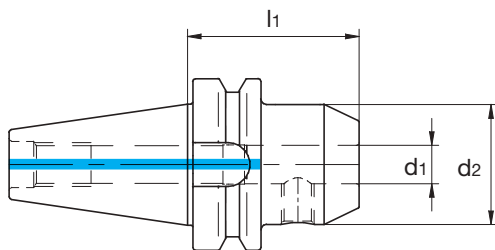
JIS B6339	Form AD			G 6,3 15.000 rpm
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art.	BT	d1	d2	l1											€
BT-AD .030 . W .06 .050	30	6	25	50											87,00
BT-AD .030 . W .08 .050	30	8	28	50											78,00
BT-AD .030 . W .10 .050	30	10	35	50											78,00
BT-AD .030 . W .12 .055	30	12	42	55											78,00
BT-AD .030 . W .16 .063	30	16	48	63											78,00
BT-AD .030 . W .20 .070	30	20	52	70											78,00

Pull studs pag. 175
Codoli pag. 175

JIS
B6339Form
ADG 6,3
15.000 rpm

art.	BT	d1	d2	l1								€
BT-AD .040 . W .06 .050	40	6	25	50								62,00
BT-AD .040 . W .06 .100	40	6	25	100								114,00
BT-AD .040 . W .08 .050	40	8	28	50								59,00
BT-AD .040 . W .08 .100	40	8	28	100								103,00
BT-AD .040 . W .08 .130	40	8	28	130								134,00
BT-AD .040 . W .08 .160	40	8	28	160								145,00
BT-AD .040 . W .08 .200	40	8	28	200								160,00
BT-AD .040 . W .10 .063	40	10	35	63								59,00
BT-AD .040 . W .10 .100	40	10	35	100								103,00
BT-AD .040 . W .10 .130	40	10	35	130								134,00
BT-AD .040 . W .10 .160	40	10	35	160								145,00
BT-AD .040 . W .10 .200	40	10	35	200								160,00
BT-AD .040 . W .12 .063	40	12	42	63								59,00
BT-AD .040 . W .12 .100	40	12	42	100								103,00
BT-AD .040 . W .12 .130	40	12	42	130								134,00
BT-AD .040 . W .12 .160	40	12	42	160								145,00
BT-AD .040 . W .12 .200	40	12	42	200								175,00
BT-AD .040 . W .14 .063	40	14	44	63								59,00
BT-AD .040 . W .14 .100	40	14	44	100								103,00
BT-AD .040 . W .14 .130	40	14	44	130								134,00
BT-AD .040 . W .14 .160	40	14	44	160								145,00
BT-AD .040 . W .14 .200	40	14	44	200								160,00
BT-AD .040 . W .16 .063	40	16	48	63								59,00
BT-AD .040 . W .16 .100	40	16	48	100								103,00
BT-AD .040 . W .16 .130	40	16	48	130								134,00
BT-AD .040 . W .16 .160	40	16	48	160								145,00
BT-AD .040 . W .16 .200	40	16	48	200								160,00
BT-AD .040 . W .18 .063	40	18	50	63								59,00
BT-AD .040 . W .20 .063	40	20	52	63								59,00
BT-AD .040 . W .20 .100	40	20	52	100								103,00
BT-AD .040 . W .20 .130	40	20	52	130								134,00
BT-AD .040 . W .20 .160	40	20	52	160								145,00
BT-AD .040 . W .20 .200	40	20	52	200								160,00
BT-AD .040 . W .25 .090	40	25	65	90								63,00
BT-AD .040 . W .25 .130	40	25	65	130								145,00
BT-AD .040 . W .25 .160	40	25	65	160								165,00
BT-AD .040 . W .25 .200	40	25	65	200								175,00
BT-AD .040 . W .32 .100	40	32	72	100								71,00
BT-AD .040 . W .32 .130	40	32	72	130								163,00
BT-AD .040 . W .32 .160	40	32	72	160								184,00
BT-AD .040 . W .32 .200	40	32	72	200								189,00
BT-AD .040 . W .40 .105	40	40	80	105								129,00



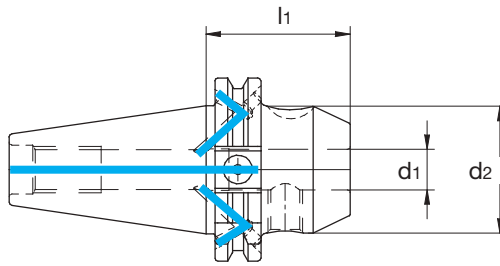
JIS
B6339

Form
AD



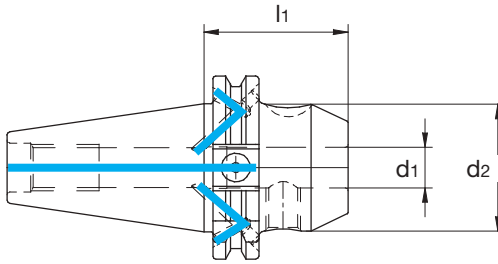
G 6,3
15.000 rpm

art.	BT	d1	d2		l1								€
BT-AD .050 . W .06 .063	50	6	25		63								108,00
BT-AD .050 . W .06 .100	50	6	25		63								160,00
BT-AD .050 . W .08 .063	50	8	28		63								105,00
BT-AD .050 . W .08 .100	50	8	28		100								144,00
BT-AD .050 . W .08 .130	50	8	28		130								180,00
BT-AD .050 . W .08 .160	50	8	28		160								186,00
BT-AD .050 . W .08 .200	50	8	28		200								218,00
BT-AD .050 . W .10 .063	50	10	35		63								105,00
BT-AD .050 . W .10 .070	50	10	35		70								105,00
BT-AD .050 . W .10 .100	50	10	35		100								144,00
BT-AD .050 . W .10 .130	50	10	35		130								180,00
BT-AD .050 . W .10 .160	50	10	35		160								186,00
BT-AD .050 . W .10 .200	50	10	35		200								218,00
BT-AD .050 . W .12 .080	50	12	42		80								105,00
BT-AD .050 . W .12 .100	50	12	42		100								144,00
BT-AD .050 . W .12 .130	50	12	42		130								180,00
BT-AD .050 . W .12 .160	50	12	42		160								186,00
BT-AD .050 . W .12 .200	50	12	42		200								218,00
BT-AD .050 . W .14 .080	50	14	44		80								105,00
BT-AD .050 . W .14 .100	50	14	44		100								144,00
BT-AD .050 . W .14 .130	50	14	44		130								180,00
BT-AD .050 . W .14 .160	50	14	44		160								186,00
BT-AD .050 . W .14 .200	50	14	44		200								218,00
BT-AD .050 . W .16 .080	50	16	48		80								105,00
BT-AD .050 . W .16 .100	50	16	48		100								144,00
BT-AD .050 . W .16 .130	50	16	48		130								180,00
BT-AD .050 . W .16 .160	50	16	48		160								186,00
BT-AD .050 . W .16 .200	50	16	48		200								218,00
BT-AD .050 . W .18 .080	50	18	50		80								105,00
BT-AD .050 . W .20 .080	50	20	52		80								105,00
BT-AD .050 . W .20 .100	50	20	52		100								144,00
BT-AD .050 . W .20 .130	50	20	52		130								180,00
BT-AD .050 . W .20 .160	50	20	52		160								186,00
BT-AD .050 . W .20 .200	50	20	52		200								218,00
BT-AD .050 . W .25 .100	50	25	65		100								114,00
BT-AD .050 . W .25 .130	50	25	65		130								186,00
BT-AD .050 . W .25 .160	50	25	65		160								198,00
BT-AD .050 . W .25 .200	50	25	65		200								228,00
BT-AD .050 . W .32 .105	50	32	72		105								122,00
BT-AD .050 . W .32 .130	50	32	72		130								191,00
BT-AD .050 . W .32 .160	50	32	72		160								205,00
BT-AD .050 . W .32 .200	50	32	72		200								250,00
BT-AD .050 . W .40 .120	50	32	80		120								182,00



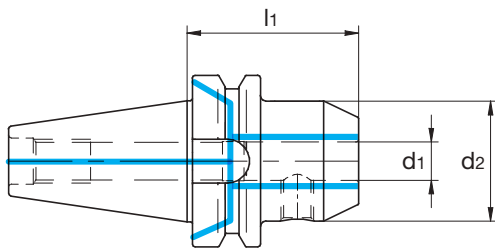
JIS B6339	Form AD/B			G 6,3 15.000 rpm
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art.	BT	d1	d2	l1												€
BT-AD/B . 040 . W . 06 . 050	40	6	25	50												95,00
BT-AD/B . 040 . W . 06 . 100	40	6	25	100												114,00
BT-AD/B . 040 . W . 08 . 050	40	8	28	50												89,00
BT-AD/B . 040 . W . 08 . 100	40	8	28	100												103,00
BT-AD/B . 040 . W . 08 . 130	40	8	28	130												134,00
BT-AD/B . 040 . W . 08 . 160	40	8	28	160												145,00
BT-AD/B . 040 . W . 08 . 200	40	8	28	200												160,00
BT-AD/B . 040 . W . 10 . 063	40	10	35	63												89,00
BT-AD/B . 040 . W . 10 . 100	40	10	35	100												103,00
BT-AD/B . 040 . W . 10 . 130	40	10	35	130												134,00
BT-AD/B . 040 . W . 10 . 160	40	10	35	160												145,00
BT-AD/B . 040 . W . 10 . 200	40	10	35	200												160,00
BT-AD/B . 040 . W . 12 . 063	40	12	42	63												89,00
BT-AD/B . 040 . W . 12 . 100	40	12	42	100												103,00
BT-AD/B . 040 . W . 12 . 130	40	12	42	130												134,00
BT-AD/B . 040 . W . 12 . 160	40	12	42	160												145,00
BT-AD/B . 040 . W . 12 . 200	40	12	42	200												160,00
BT-AD/B . 040 . W . 14 . 063	40	14	44	63												89,00
BT-AD/B . 040 . W . 14 . 100	40	14	44	100												103,00
BT-AD/B . 040 . W . 14 . 130	40	14	44	130												134,00
BT-AD/B . 040 . W . 14 . 160	40	14	44	160												145,00
BT-AD/B . 040 . W . 14 . 200	40	14	44	200												160,00
BT-AD/B . 040 . W . 16 . 063	40	16	48	63												89,00
BT-AD/B . 040 . W . 16 . 100	40	16	48	100												103,00
BT-AD/B . 040 . W . 16 . 130	40	16	48	130												134,00
BT-AD/B . 040 . W . 16 . 160	40	16	48	160												145,00
BT-AD/B . 040 . W . 16 . 200	40	16	48	200												160,00
BT-AD/B . 040 . W . 18 . 063	40	18	50	63												89,00
BT-AD/B . 040 . W . 20 . 063	40	20	52	63												89,00
BT-AD/B . 040 . W . 20 . 100	40	20	52	100												103,00
BT-AD/B . 040 . W . 20 . 130	40	20	52	130												134,00
BT-AD/B . 040 . W . 20 . 160	40	20	52	160												145,00
BT-AD/B . 040 . W . 20 . 200	40	20	52	200												160,00
BT-AD/B . 040 . W . 25 . 090	40	25	65	90												104,00
BT-AD/B . 040 . W . 25 . 130	40	25	65	130												145,00
BT-AD/B . 040 . W . 25 . 160	40	25	65	160												165,00
BT-AD/B . 040 . W . 25 . 200	40	25	65	200												175,00
BT-AD/B . 040 . W . 32 . 100	40	32	72	100												114,00
BT-AD/B . 040 . W . 32 . 130	40	32	72	130												163,00
BT-AD/B . 040 . W . 32 . 160	40	32	72	160												184,00
BT-AD/B . 040 . W . 32 . 200	40	32	72	200												190,00
BT-AD/B . 040 . W . 40 . 105	40	40	80	105												161,00



JIS B6339	Form AD/B			G 6,3 15.000 rpm
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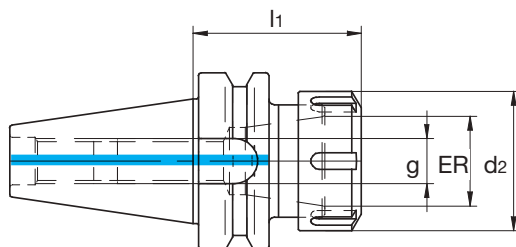
art.	BT	d1	d2		l1								€
BT-AD/B . 050 . W . 06 . 063	50	6	25		63								144,00
BT-AD/B . 050 . W . 06 . 100	50	6	25		63								160,00
BT-AD/B . 050 . W . 08 . 063	50	8	28		63								127,00
BT-AD/B . 050 . W . 08 . 100	50	8	28		100								144,00
BT-AD/B . 050 . W . 08 . 130	50	8	28		130								180,00
BT-AD/B . 050 . W . 08 . 160	50	8	28		160								186,00
BT-AD/B . 050 . W . 08 . 200	50	8	28		200								218,00
BT-AD/B . 050 . W . 10 . 070	50	10	35		70								127,00
BT-AD/B . 050 . W . 10 . 100	50	10	35		100								144,00
BT-AD/B . 050 . W . 10 . 130	50	10	35		130								180,00
BT-AD/B . 050 . W . 10 . 160	50	10	35		160								186,00
BT-AD/B . 050 . W . 10 . 200	50	10	35		200								218,00
BT-AD/B . 050 . W . 12 . 080	50	12	42		80								127,00
BT-AD/B . 050 . W . 12 . 100	50	12	42		100								144,00
BT-AD/B . 050 . W . 12 . 130	50	12	42		130								180,00
BT-AD/B . 050 . W . 12 . 160	50	12	42		160								186,00
BT-AD/B . 050 . W . 12 . 200	50	12	42		200								218,00
BT-AD/B . 050 . W . 14 . 080	50	14	44		80								127,00
BT-AD/B . 050 . W . 14 . 100	50	14	44		100								144,00
BT-AD/B . 050 . W . 14 . 130	50	14	44		130								181,00
BT-AD/B . 050 . W . 14 . 160	50	14	44		160								186,00
BT-AD/B . 050 . W . 14 . 200	50	14	44		200								218,00
BT-AD/B . 050 . W . 16 . 080	50	16	48		80								186,00
BT-AD/B . 050 . W . 16 . 100	50	16	48		100								144,00
BT-AD/B . 050 . W . 16 . 130	50	16	48		130								97,00
BT-AD/B . 050 . W . 16 . 160	50	16	48		160								186,00
BT-AD/B . 050 . W . 16 . 200	50	16	48		200								218,00
BT-AD/B . 050 . W . 18 . 080	50	18	48		80								127,00
BT-AD/B . 050 . W . 20 . 080	50	20	52		80								127,00
BT-AD/B . 050 . W . 20 . 100	50	20	52		100								144,00
BT-AD/B . 050 . W . 20 . 130	50	20	52		130								181,00
BT-AD/B . 050 . W . 20 . 160	50	20	52		160								186,00
BT-AD/B . 050 . W . 20 . 200	50	20	52		200								218,00
BT-AD/B . 050 . W . 25 . 100	50	25	65		100								146,00
BT-AD/B . 050 . W . 25 . 130	50	25	65		130								186,00
BT-AD/B . 050 . W . 25 . 160	50	25	65		160								198,00
BT-AD/B . 050 . W . 25 . 200	50	25	65		200								228,00
BT-AD/B . 050 . W . 32 . 105	50	32	72		105								155,00
BT-AD/B . 050 . W . 32 . 130	50	32	72		130								191,00
BT-AD/B . 050 . W . 32 . 160	50	32	72		160								205,00
BT-AD/B . 050 . W . 32 . 200	50	32	72		200								150,00
BT-AD/B . 050 . W . 40 . 120	50	32	80		120								182,00



JIS B6339	Form AF			G 6,3 15.000 rpm
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art.	BT	d1	d2	l1									€
BT-AF . 040 . W . 06 . 050	40	6	25	50									141,00
BT-AF . 040 . W . 08 . 050	40	8	28	50									131,00
BT-AF . 040 . W . 10 . 063	40	10	35	63									131,00
BT-AF . 040 . W . 12 . 063	40	12	42	63									131,00
BT-AF . 040 . W . 14 . 063	40	14	44	63									131,00
BT-AF . 040 . W . 16 . 063	40	16	48	63									131,00
BT-AF . 040 . W . 18 . 063	40	18	50	63									131,00
BT-AF . 040 . W . 20 . 063	40	20	52	63									131,00
BT-AF . 040 . W . 25 . 090	40	25	65	90									144,00
BT-AF . 040 . W . 32 . 100	40	32	72	100									155,00
BT-AF . 040 . W . 40 . 105	40	40	80	105									198,00
BT-AF . 050 . W . 06 . 063	50	6	25	63									194,00
BT-AF . 050 . W . 08 . 063	50	8	28	63									186,00
BT-AF . 050 . W . 10 . 070	50	10	35	70									186,00
BT-AF . 050 . W . 12 . 080	50	12	42	80									186,00
BT-AF . 050 . W . 14 . 080	50	14	44	80									186,00
BT-AF . 050 . W . 16 . 080	50	16	48	80									186,00
BT-AF . 050 . W . 18 . 080	50	18	50	80									186,00
BT-AF . 050 . W . 20 . 080	50	20	52	80									186,00
BT-AF . 050 . W . 25 . 100	50	25	65	100									194,00
BT-AF . 050 . W . 32 . 105	50	32	72	105									204,00
BT-AF . 050 . W . 40 . 120	50	40	80	120									231,00

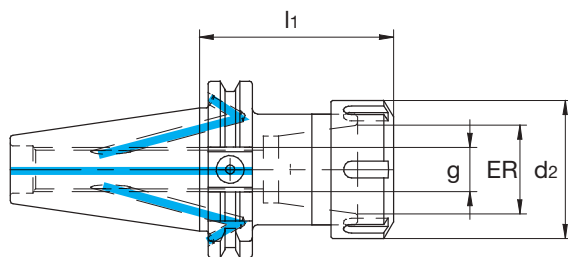
Pull studs pag. 175
Codoli pag. 175



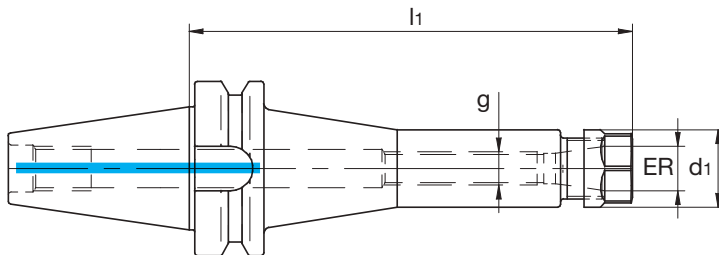
JIS B6339	Form AD			G 6,3 15.000 rpm
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art.	BT	ER	d2	l1	g	kg	€
BT - AD , 040 , ER-NT , 16 , 070	40	ER 16 (1 -10)	32	70	M10x20	-	66,00
BT - AD , 040 , ER-NT , 16 , 100	40	ER 16 (1 -10)	32	100	M10x20	-	89,00
BT - AD , 040 , ER-NT , 20 , 070	40	ER 20 (1 -13)	35	70	M12x30	-	83,00
BT - AD , 040 , ER-NT , 20 , 100	40	ER 20 (1 -13)	35	100	M12x30	-	103,00
BT - AD , 040 , ER-NT , 25 , 060	40	ER 25 (1 -16)	32	60	M16	1,0	64,00
BT - AD , 040 , ER-NT , 25 , 100	40	ER 25 (1 -16)	32	100	M16	1,3	77,00
BT - AD , 040 , ER-NT , 25 , 160	40	ER 25 (1 -16)	32	160	M16	1,6	114,00
BT - AD , 040 , ER-NT , 32 , 060	40	ER 32 (2 -20)	40	60	M16	1,0	68,00
BT - AD , 040 , ER-NT , 32 , 100	40	ER 32 (2 -20)	40	100	M16	1,4	81,00
BT - AD , 040 , ER-NT , 32 , 160	40	ER 32 (2 -20)	40	160	M16	1,9	122,00
BT - AD , 040 , ER-NT , 32 , 200	40	ER 32 (2 -20)	50	200	M22x1,5x8	-	138,00
BT - AD , 040 , ER-NT , 40 , 080	40	ER 40 (3 -26)	50	80	M16	1,3	71,00
BT - AD , 040 , ER-NT , 40 , 100	40	ER 40 (3 -30)	63	100	M27x1,5x8	-	106,00
BT - AD , 040 , ER-NT , 40 , 120	40	ER 40 (3 -26)	50	120	M16	1,9	84,00
BT - AD , 040 , ER-NT , 40 , 160	40	ER 40 (3 -26)	50	160	M16	2,4	125,00

BT-AD . 050 . ER-NT . 25 . 080	50	ER 25 (1 -16)	42	80	M18x1,5x8	-	117,00
BT-AD . 050 . ER-NT . 25 . 100	50	ER 25 (1 -16)	42	100	M18x1,5x8	-	147,00
BT-AD . 050 . ER-NT . 25 . 160	50	ER 25 (1 -16)	42	160	M18x1,5x8	-	175,00
BT-AD . 050 . ER-NT . 25 . 200	50	ER 25 (1 -16)	42	200	M18x1,5x8	-	204,00
BT-AD . 050 . ER-NT . 32 . 070	50	ER 32 (2 -20)	40	70	M16	3,7	68,00
BT-AD . 050 . ER-NT . 32 . 100	50	ER 32 (2 -20)	50	100	M22x1,5x8	-	151,00
BT-AD . 050 . ER-NT . 32 . 130	50	ER 32 (2 -20)	50	130	M22x1,5x8	-	180,00
BT-AD . 050 . ER-NT . 32 . 160	50	ER 32 (2 -20)	50	160	M22x1,5x8	-	186,00
BT-AD . 050 . ER-NT . 32 . 200	50	ER 32 (2 -20)	50	200	M22x1,5x8	-	218,00
BT-AD . 050 . ER-NT . 32 . 250	50	ER 32 (2 -20)	50	250	M22x1,5x8	-	255,00
BT-AD . 050 . ER-NT . 40 . 080	50	ER 40 (3 -26)	50	80	M16	3,8	71,00
BT-AD . 050 . ER-NT . 40 . 100	50	ER 40 (3 -30)	63	100	M27x1,5x8	-	153,00
BT-AD . 050 . ER-NT . 40 . 160	50	ER 40 (3 -30)	63	160	M27x1,5x8	-	194,00
BT-AD . 050 . ER-NT . 40 . 200	50	ER 40 (3 -30)	63	200	M27x1,5x8	-	239,00

JIS
B6339Form
AD/BG 6,3
15.000 rpm

art.	BT	ER	d2	l1	g				€
BT - AD/B . 040 . ER-NT . 16 . 070	40	ER 16 (1 - 10)	32	70	M10x20				95,00
BT - AD/B . 040 . ER-NT . 16 . 100	40	ER 16 (1 - 10)	32	100	M10x20				103,00
BT - AD/B . 040 . ER-NT . 20 . 070	40	ER 20 (1 - 13)	35	70	M12x30				109,00
BT - AD/B . 040 . ER-NT . 20 . 100	40	ER 20 (1 - 13)	35	100	M12x30				121,00
BT - AD/B . 040 . ER-NT . 25 . 070	40	ER 25 (1 - 16)	42	70	M18x1,5x8				95,00
BT - AD/B . 040 . ER-NT . 25 . 100	40	ER 25 (1 - 16)	42	100	M18x1,5x8				103,00
BT - AD/B . 040 . ER-NT . 25 . 160	40	ER 25 (1 - 16)	42	160	M18x1,5x8				125,00
BT - AD/B . 040 . ER-NT . 32 . 160	40	ER 32 (2 - 20)	50	160	M22x1,5x8				128,00
BT - AD/B . 040 . ER-NT . 32 . 200	40	ER 32 (2 - 20)	50	200	M22x1,5x8				143,00
BT - AD/B . 040 . ER-NT . 40 . 070	40	ER 40 (3 - 30)	63	70	M27x1,5x8				106,00
BT - AD/B . 040 . ER-NT . 40 . 100	40	ER 40 (3 - 30)	63	100	M27x1,5x8				122,00
BT - AD/B . 050 . ER-NT . 25 . 080	50	ER 25 (1 - 16)	42	80	M18x1,5x8				130,00
BT - AD/B . 050 . ER-NT . 25 . 100	50	ER 25 (1 - 16)	42	100	M18x1,5x8				153,00
BT - AD/B . 050 . ER-NT . 25 . 160	50	ER 25 (1 - 16)	42	160	M18x1,5x8				188,00
BT - AD/B . 050 . ER-NT . 25 . 200	50	ER 25 (1 - 16)	42	200	M18x1,5x8				237,00
BT - AD/B . 050 . ER-NT . 32 . 080	50	ER 32 (2 - 20)	50	80	M22x1,5x8				127,00
BT - AD/B . 050 . ER-NT . 32 . 100	50	ER 32 (2 - 20)	50	100	M22x1,5x8				161,00
BT - AD/B . 050 . ER-NT . 32 . 130	50	ER 32 (2 - 20)	50	130	M22x1,5x8				186,00
BT - AD/B . 050 . ER-NT . 32 . 160	50	ER 32 (2 - 20)	50	160	M22x1,5x8				194,00
BT - AD/B . 050 . ER-NT . 32 . 200	50	ER 32 (2 - 20)	50	200	M22x1,5x8				253,00
BT - AD/B . 050 . ER-NT . 32 . 250	50	ER 32 (2 - 20)	50	250	M22x1,5x8				296,00
BT - AD/B . 050 . ER-NT . 40 . 080	50	ER 40 (3 - 30)	63	80	M27x1,5x8				136,00
BT - AD/B . 050 . ER-NT . 40 . 100	50	ER 40 (3 - 30)	63	100	M27x1,5x8				164,00
BT - AD/B . 050 . ER-NT . 40 . 160	50	ER 40 (3 - 30)	63	160	M27x1,5x8				200,00
BT - AD/B . 050 . ER-NT . 40 . 200	50	ER 40 (3 - 30)	63	200	M27x1,5x8				259,00



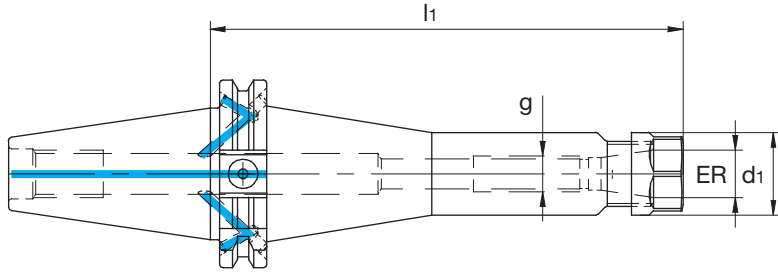
JIS
B6339



Form
AD



G 6,3
15.000 rpm

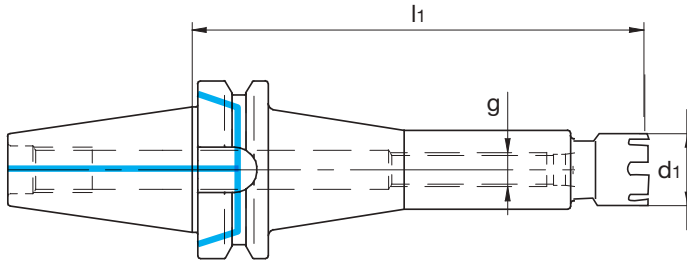
art.	BT	ER	d1			l1			g		kg	€
BT-AD .040 .ER-LT .11 .070	40	ER 11 (1 - 7)	19			70			M6x14		-	143,00
BT-AD .040 .ER-LT .11 .100	40	ER 11 (1 - 7)	19			100			M6x14		-	147,00
BT-AD .040 .ER-LT .16 .063	40	ER 16 (0.5 - 10)	28			63			M 12		1,1	75,00
BT-AD .040 .ER-LT .16 .100	40	ER 16 (0.5 - 10)	28			100			M 12		1,2	86,00
BT-AD .040 .ER-LT .16 .130	40	ER 16 (1 - 10)	28			130			M10x20		-	101,00
BT-AD .040 .ER-LT .16 .160	40	ER 16 (0.5 - 10)	28			160			M 12		1,6	144,00
BT-AD .040 .ER-LT .20 .100	40	ER 20 (1 - 13)	34			100			M12x30		-	103,00
BT-AD .040 .ER-LT .20 .130	40	ER 20 (1 - 13)	34			130			M12x30		-	116,00
BT-AD .050 .ER-LT .16 .100	50	ER 16 (0.5 - 10)	28			100			M 12		3,8	176,00
BT-AD .050 .ER-LT .16 .160	50	ER 16 (0.5 - 10)	28			160			M 12		4,0	240,00
BT-AD .050 .ER-LT .20 .100	50	ER 20 (1 - 13)	34			100			M12x30		-	161,00
BT-AD .050 .ER-LT .20 .160	50	ER 20 (1 - 13)	34			160			M12x30		-	211,00



JIS B6339 Form AD/B   G 6,3 15.000 rpm

art.	BT	ER	d1			l1			g		€
BT-AD/B . 040 . ER-LT . 11 . 070	40	ER 11 (1 - 7)	19			70			M6x14		143,00
BT-AD/B . 040 . ER-LT . 11 . 100	40	ER 11 (1 - 7)	19			100			M6x14		147,00
BT-AD/B . 040 . ER-LT . 16 . 130	40	ER 16 (1 - 10)	28			130			M10x20		114,00
BT-AD/B . 040 . ER-LT . 16 . 160	40	ER 16 (1 - 10)	28			160			M10x20		120,00
BT-AD/B . 040 . ER-LT . 20 . 100	40	ER 20 (1 - 13)	34			100			M12x30		121,00
BT-AD/B . 040 . ER-LT . 20 . 130	40	ER 20 (1 - 13)	34			130			M12x30		136,00
BT-AD/B . 050 . ER-LT . 20 . 100	50	ER 20 (1 - 13)	34			100			M12x30		172,00
BT-AD/B . 050 . ER-LT . 20 . 160	50	ER 20 (1 - 13)	34			160			M12x30		219,00

Accessories for ER Collets pag. 162 - Clamping keys for ER Clamping nuts pag. 180
Clamping nuts pag. 173 - Pull studs pag. 175
Accessori per Pinze ER pag. 162 - Chiave per ghiera pag. 180
Ghiera pag. 173 - Codoli pag. 175

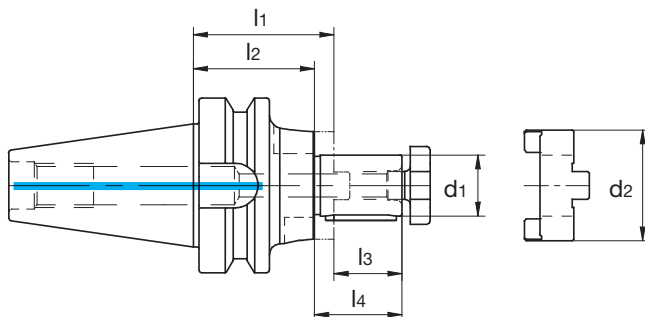


DIN
69871
Form
AD/B

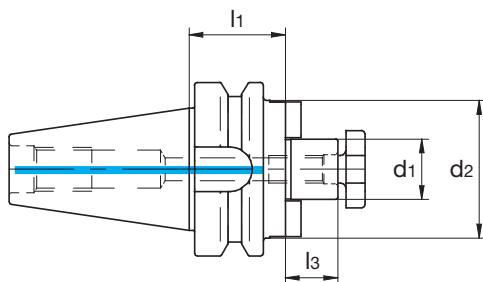
G6,3
15.000 min⁻¹

art.	BT	ER	d1		l1			g			€
BT-AD-B . 040 . ER-MN . 11 . 070	40	ER 11 (1 - 7)	16		70			M6x14			143,00
BT-AD-B . 040 . ER-MN . 11 . 100	40	ER 11 (1 - 7)	16		100			M6x14			147,00
BT-AD-B . 040 . ER-MN . 16 . 130	40	ER 16 (1 - 10)	22		130			M10x20			157,00
BT-AD-B . 040 . ER-MN . 16 . 160	40	ER 16 (0.5 - 10)	22		160			M10x20			167,00
BT-AD-B . 040 . ER-MN . 20 . 100	40	ER 20 (1 - 13)	28		100			M12x30			147,00
BT-AD-B . 040 . ER-MN . 20 . 130	40	ER 20 (1 - 13)	28		130			M12x30			157,00
BT-AD-B . 050 . ER-MN . 20 . 130	50	ER 20 (1 - 13)	28		130			M12x30			194,00
BT-AD-B . 050 . ER-MN . 20 . 160	50	ER 20 (1 - 13)	28		160			M12x30			211,00
BT-AD-B . 050 . ER-MN . 25 . 130	50	ER 25 (1 - 16)	34		130			M18x1,5x8			196,00
BT-AD-B . 050 . ER-MN . 25 . 160	50	ER 20 (1 - 13)	34		160			M18x1,5x8			211,00

Accessories for ER Collets pag. 162 - Clamping keys for ER Clamping nuts pag. 180
 Clamping nuts pag. 173 - Pull studs pag. 175
 Accessori per Pinze ER pag. 162 - Chiave per ghiera pag. 180
 Ghiera pag. 173 - Codoli pag. 175

JIS
B6339Form
ADG 6,3
15.000 rpm

art.	BT	d1	d2	l1	l2	l3	l4			kg		€
BT-AD . 040 . SM . 16 . 055	40	16	32	55	45	17	27			1,1		80,00
BT-AD . 040 . SM . 16 . 100	40	16	32	100	-	17	27			-		131,00
BT-AD . 040 . SM . 22 . 055	40	22	40	55	43	19	31			1,2		83,00
BT-AD . 040 . SM . 22 . 100	40	22	40	100	-	19	31			-		131,00
BT-AD . 040 . SM . 27 . 055	40	27	48	55	43	21	33			1,3		83,00
BT-AD . 040 . SM . 27 . 100	40	27	48	100	-	21	33			-		136,00
BT-AD . 040 . SM . 32 . 060	40	32	58	60	46	24	38			1,5		90,00
BT-AD . 040 . SM . 32 . 100	40	32	58	100	-	24	38			-		153,00
BT-AD . 040 . SM . 40 . 060	40	40	70	60	46	27	41			1,8		102,00
BT-AD . 050 . SM . 16 . 070	50	16	32	70	60	17	27			3,8		110,00
BT-AD . 050 . SM . 16 . 100	50	16	32	100	-	17	27			-		173,00
BT-AD . 050 . SM . 22 . 070	50	22	40	70	58	19	31			3,8		110,00
BT-AD . 050 . SM . 22 . 100	50	22	40	100	-	19	31			-		173,00
BT-AD . 050 . SM . 27 . 070	50	27	48	70	58	21	33			4,0		113,00
BT-AD . 050 . SM . 27 . 100	50	27	48	100	-	21	33			-		180,00
BT-AD . 050 . SM . 32 . 070	50	32	58	70	56	24	38			4,1		116,00
BT-AD . 050 . SM . 32 . 100	50	32	58	100	-	24	38			-		194,00
BT-AD . 050 . SM . 40 . 070	50	40	70	70	56	27	41			4,3		128,00
BT-AD . 050 . SM . 40 . 100	50	40	70	100	-	27	41			-		197,00
BT-AD . 050 . SM . 50 . 070	50	50	50	70	54	30	46			4,7		140,00



JIS
B6339

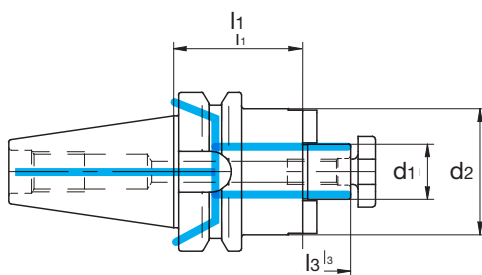
Form
AD



G 6,3
15.000 rpm

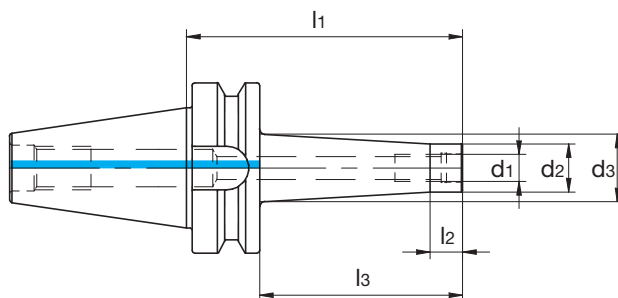
art.	BT	d1	d2	l1		l3			kg		€
BT-AD .040 . SM-E .16 .035	40	16	40	35		17			1.0		80,00
BT-AD .040 . SM-E .16 .045	40	16	38	45		17			-		70,00
BT-AD .040 . SM-E .22 .035	40	22	50	35		19			1.2		80,00
BT-AD .040 . SM-E .22 .045	40	22	48	45		19			-		69,00
BT-AD .040 . SM-E .22 .100	40	22	46	100		19			-		109,00
BT-AD .040 . SM-E .27 .035	40	27	60	35		21			1.2		80,00
BT-AD .040 . SM-E .27 .045	40	27	58	45		21			-		75,00
BT-AD .040 . SM-E .27 .100	40	27	48	100		21			-		149,00
BT-AD .040 . SM-E .32 .050	40	32	80	50		24			1.9		86,00
BT-AD .040 . SM-E .40 .050	40	40	89	50		27			2.0		105,00
BT-AD .040 . SM-E .40 .055	40	40	88	55		27			-		123,00

BT-AD .050 . SM-E .16 .060	50	16	38	60		17			-		131,00
BT-AD .050 . SM-E .16 .100	50	16	38	100		17			-		165,00
BT-AD .050 . SM-E .16 .160	50	16	38	160		17			-		218,00
BT-AD .050 . SM-E .16 .200	50	16	38	200		17			-		262,00
BT-AD .050 . SM-E .22 .050	50	22	50	50		19			3.8		116,00
BT-AD .050 . SM-E .22 .060	50	22	48	60		19			-		131,00
BT-AD .050 . SM-E .22 .100	50	22	46	100		19			-		197,00
BT-AD .050 . SM-E .22 .160	50	22	46	160		19			-		218,00
BT-AD .050 . SM-E .22 .200	50	22	46	200		19			-		262,00
BT-AD .050 . SM-E .22 .250	50	22	46	250		19			-		284,00
BT-AD .050 . SM-E .22 .300	50	22	46	300		19			-		369,00
BT-AD .050 . SM-E .27 .050	50	27	60	50		21			3.9		116,00
BT-AD .050 . SM-E .27 .060	50	27	58	60		21			-		134,00
BT-AD .050 . SM-E .27 .100	50	27	55	100		21			-		169,00
BT-AD .050 . SM-E .27 .160	50	27	55	160		21			-		224,00
BT-AD .050 . SM-E .27 .200	50	27	55	200		21			-		270,00
BT-AD .050 . SM-E .27 .250	50	27	55	250		21			-		291,00
BT-AD .050 . SM-E .27 .300	50	27	55	300		21			-		374,00
BT-AD .050 . SM-E .32 .050	50	32	80	50		24			4.1		123,00
BT-AD .050 . SM-E .32 .060	50	32	78	60		24			-		140,00
BT-AD .050 . SM-E .32 .100	50	32	66	100		24			-		197,00
BT-AD .050 . SM-E .32 .160	50	32	66	160		24			-		262,00
BT-AD .050 . SM-E .32 .200	50	32	66	200		24			-		306,00
BT-AD .050 . SM-E .32 .250	50	32	66	250		24			-		328,00
BT-AD .050 . SM-E .32 .300	50	32	66	300		24			-		410,00
BT-AD .050 . SM-E .40 .055	50	40	90	55		27			4.5		141,00
BT-AD .050 . SM-E .40 .060	50	40	88	60		27			-		149,00
BT-AD .050 . SM-E .40 .100	50	40	70	100		27			-		205,00
BT-AD .050 . SM-E .40 .160	50	40	70	160		27			-		282,00
BT-AD .050 . SM-E .40 .200	50	40	70	200		27			-		326,00
BT-AD .050 . SM-E .50 .055	50	50	120	55		30			5.3		228,00



JIS B6339	Form AF			G 6,3 15.000 rpm
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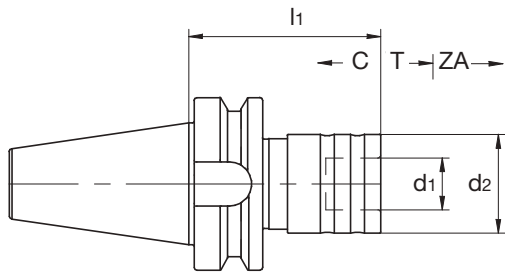
art.	BT	d1	d2	l1	l3											€
BT-AF .040 . SM-E .16 . 045	40	16	38	45	17											124,00
BT-AF .040 . SM-E .22 . 045	40	22	48	45	19											124,00
BT-AF .040 . SM-E .22 . 100	40	22	40	100	19											143,00
BT-AF .040 . SM-E .27 . 045	40	27	58	45	21											129,00
BT-AF .040 . SM-E .27 . 100	40	27	48	100	21											149,00
BT-AF .040 . SM-E .32 . 050	40	32	78	50	24											142,00
BT-AF .040 . SM-E .40 . 055	40	40	88	55	27											160,00
BT-AF .050 . SM-E .16 . 060	50	16	38	60	17											173,00
BT-AF .050 . SM-E .16 . 100	50	16	32	100	17											201,00
BT-AF .050 . SM-E .16 . 160	50	16	38	160	17											218,00
BT-AF .050 . SM-E .16 . 200	50	16	38	200	17											277,00
BT-AF .050 . SM-E .22 . 060	50	22	48	60	19											173,00
BT-AF .050 . SM-E .22 . 100	50	22	40	100	19											201,00
BT-AF .050 . SM-E .22 . 160	50	22	46	160	19											218,00
BT-AF .050 . SM-E .22 . 200	50	22	46	200	19											277,00
BT-AF .050 . SM-E .22 . 250	50	22	46	250	19											264,00
BT-AF .050 . SM-E .22 . 300	50	22	46	300	19											325,00
BT-AF .050 . SM-E .27 . 060	50	27	58	60	21											178,00
BT-AF .050 . SM-E .27 . 100	50	27	48	100	21											208,00
BT-AF .050 . SM-E .27 . 160	50	27	55	160	21											224,00
BT-AF .050 . SM-E .27 . 200	50	27	55	200	21											277,00
BT-AF .050 . SM-E .27 . 250	50	27	55	250	21											266,00
BT-AF .050 . SM-E .27 . 300	50	27	55	300	21											327,00
BT-AF .050 . SM-E .32 . 060	50	32	78	60	24											187,00
BT-AF .050 . SM-E .32 . 100	50	32	58	100	24											241,00
BT-AF .050 . SM-E .32 . 160	50	32	66	160	24											262,00
BT-AF .050 . SM-E .32 . 200	50	32	66	200	24											285,00
BT-AF .050 . SM-E .32 . 250	50	32	66	250	24											283,00
BT-AF .050 . SM-E .32 . 300	50	32	66	300	24											342,00
BT-AF .050 . SM-E .40 . 060	50	40	88	60	27											197,00
BT-AF .050 . SM-E .40 . 100	50	40	70	100	27											250,00
BT-AF .050 . SM-E .40 . 160	50	40	70	160	27											282,00
BT-AF .050 . SM-E .40 . 200	50	40	70	200	27											374,00



JIS B6339 Form AD G 2,5 20.000 rpm

art.	BT	d1	d2	d3	l1	l2	l3			kg		€
BT-AD .040 . SI .08.032	40	M 8	13	15	32	12	25			1,0		155,00
BT-AD .040 . SI .08.077	40	M 8	18	25	77	12	50			1,1		183,00
BT-AD .040 . SI .08.102	40	M 8	13	23	102	12	75			1,1		202,00
BT-AD .040 . SI .10.032	40	M10	18	20	32	12	25			1,1		155,00
BT-AD .040 . SI .10.077	40	M10	18	25	77	12	50			1,1		183,00
BT-AD .040 . SI .10.102	40	M10	18	25	102	12	75			1,2		202,00
BT-AD .040 . SI .10.127	40	M10	18	32	127	12	100			1,3		229,00
BT-AD .040 . SI .10.177	40	M10	18	35	177	12	150			1,6		281,00
BT-AD .040 . SI .12.052	40	M12	21	24	52	12	25			1,1		183,00
BT-AD .040 . SI .12.077	40	M12	21	28	77	12	50			1,1		194,00
BT-AD .040 . SI .12.102	40	M12	21	31	102	12	75			1,2		202,00
BT-AD .040 . SI .12.127	40	M12	21	33	127	12	100			1,4		260,00
BT-AD .040 . SI .12.177	40	M12	21	40	177	12	150			1,7		281,00
BT-AD .040 . SI .16.052	40	M16	29	-	52	-	25			1,1		164,00
BT-AD .040 . SI .16.077	40	M16	29	34	77	12	50			1,2		179,00
BT-AD .040 . SI .16.102	40	M16	29	34	102	12	75			1,3		202,00
BT-AD .040 . SI .16.127	40	M16	29	36	127	12	100			1,5		260,00
BT-AD .040 . SI .16.177	40	M16	29	42	177	12	150			1,9		281,00

BT-AD .050 . SI .08.088	50	M 8	13	23	88	12	50			3,6		214,00
BT-AD .050 . SI .10.088	50	M10	18	25	88	12	50			3,7		214,00
BT-AD .050 . SI .10.113	50	M10	18	25	113	12	75			3,7		250,00
BT-AD .050 . SI .10.138	50	M10	18	32	138	12	100			3,9		269,00
BT-AD .050 . SI .10.188	50	M10	18	35	188	12	150			4,1		311,00
BT-AD .050 . SI .12.088	50	M12	21	28	88	12	50			3,7		214,00
BT-AD .050 . SI .12.113	50	M12	21	31	113	12	75			3,8		250,00
BT-AD .050 . SI .12.138	50	M12	21	33	138	12	100			3,9		269,00
BT-AD .050 . SI .12.188	50	M12	21	40	188	12	150			4,3		311,00
BT-AD .050 . SI .16.088	50	M16	29	34	88	12	50			3,8		214,00
BT-AD .050 . SI .16.113	50	M16	29	34	113	12	75			3,9		250,00
BT-AD .050 . SI .16.138	50	M16	29	36	138	12	100			4,1		269,00
BT-AD .050 . SI .16.188	50	M16	29	42	188	12	150			4,5		311,00



art.	BT	M	d1	d2	l1	C	T	ZA	kg	€
BT-A .040 . TH .01 .066	40	M 3 - M14	19	36	66.5	5	8	2.1	1,2	458,00
BT-A .040 . TH .03 .093	40	M 4.5 - M24	31	53	93.5	8.5	15	2.8	1,6	487,00
BT-A .050 . TH .01 .082	50	M 3 - M14	19	36	82	5	8	2.1	4,0	582,00
BT-A .050 . TH .03 .101	50	M 4.5 - M24	31	53	101.5	8.5	15	2.8	4,3	607,00

Lenght compensation on Compression and Tension

Compensazione assiale in Compressione ed in Trazione