



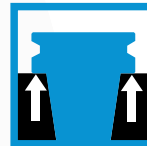
Swiss
Precision
Tools

ER

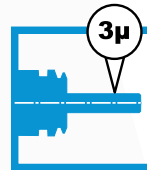
Toolholders

Features | Benefits

BIG PLUS SYSTEM - Licensed by **BIG Daishowa**
Manufactured in Switzerland under License
according to BIG-PLUS specifications.



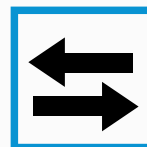
Higher toolholder stiffness
due to taper (AT1)
and face contact



Improved machining
accuracy and
better surface finish



Form AD+B coolant
supplied as standard



Compatible with BIG-PLUS
spindles and
standard spindles

1 Taper (AT1) and face contact

2 Coolant supply through the flange
(form B)

3 Coolant supply through the taper (form AD)

BT+ REGO PLUS Dual Contact Toolholders

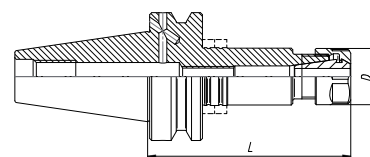
BIG PLUS SYSTEM - Licensed by BIG Daishowa

Type	Form AD+B Part No.	D [mm]	L [mm]	Balancing Rings
BT+ 30 / ER 11 x 100 H	4130.11156	19	100	FWR 285
BT+ 30 / ER 16 x 050*	2130.11616	28	50	–
BT+ 30 / ER 16 x 080 H	4130.11646	28	80	FWR 285
BT+ 30 / ER 20 x 050*	2130.12016	34	50	–
BT+ 30 / ER 20 x 070 H	4130.12036	34	70	FWR 285
BT+ 30 / ER 25 x 060 H	4130.12526	42	60	FWR 325
BT+ 30 / ER 32 x 060*	2130.13226	50	60	–

BT+ 40 / ER 16 x 070 H	4140.11636	28	70	FWR 285
BT+ 40 / ER 16 x 100 H	4140.11656	28	100	FWR 285
BT+ 40 / ER 20 x 070 H	4140.12036	34	70	FWR 325
BT+ 40 / ER 25 x 070 H	4140.12536	42	70	FWR 325
BT+ 40 / ER 32 x 070 H	4140.13236	50	70	FWR 405
BT+ 40 / ER 32 x 100 H	4140.13256	50	100	FWR 405
BT+ 40 / ER 32 x 160 H	4140.13286	50	160	FWR 405/405

BT+ 50 / ER 32 x 100 H	4150.13256	50	100	FWR 505
BT+ 50 / ER 32 x 160 H	4150.13286	50	160	FWR 505/405

*Not for use with balancing rings.



Hi-Q® Balancing Rings	Part No.	Page
Set FWR 225	7490.22500	12.9
Set FWR 285	7490.28500	12.9
Set FWR 325	7490.32500	12.9
Set FWR 405	7490.40500	12.9
Set FWR 505	7490.50500	12.9
Torque screwdriver (TSD)	7159.09000	12.9

Maximum rpm for Hi-Q® balancing rings see page 12.9.

Drawings with detailed dimensions see.

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