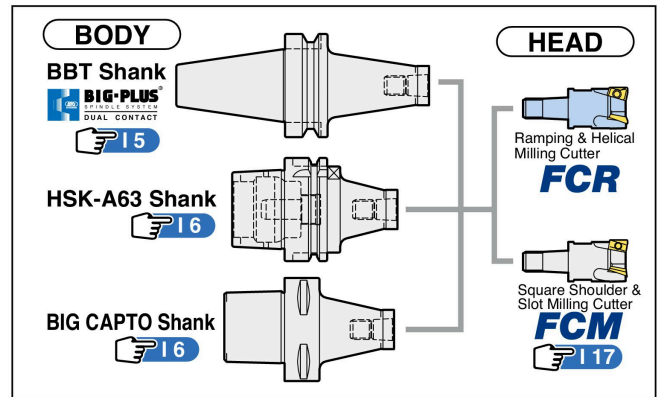


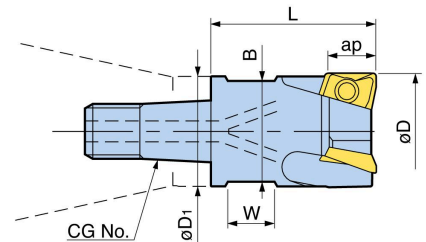
Threaded coupling with taper & face contact

CONTACT GRIP

Offers amazing cutting performance which is superior to the conventional threaded coupling system.



FCR HEAD



Cutter Dia øD	Model	CG No.	øD1	ap	L	No. of Insert	Spanner flats		Insert Size
							B	W	
16	CG15-FCR16082-25	CG15	15	8	25	2	12	6.2	BRG16
	CG19-FCR20082-32								
20	-FCR20083-32	CG19	19	8	32	3	17	8.2	BRG20
	CG24-FCR25082-36								
25	-FCR25083-36	CG24	24	8	36	3	22	10.2	BRG25
	CG31-FCR32102-43								
32	-FCR32103-43	CG31	31	10	43	3	27	12.2	BRG32

1. Wrench to clamp insert and Anti-Seizure Lubricant are included.
2. Inserts are ordered separately.
3. Standard single-ended wrench is required to clamp the head.

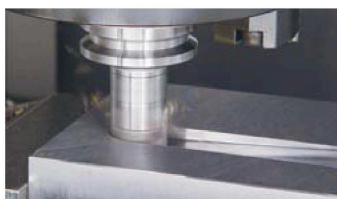
For Insert : | 7

For Cutting Condition : | 8

Application example

Amazing cutting performance even on #40 taper machine.
(Below application example has been achieved with dry cutting.)

Type **FCR**
Ramping



Machine	Vertical M/C, #40 taper
Contact Grip Head	FCR32 (3-inserts)
Work Material	C50(S50C)
Cutting Speed V (m/min.)	150
Feed Rate f (mm/tooth)	0.1
Axial DOC Ad (mm)	MAX.10 (Ramping Angle 3°)