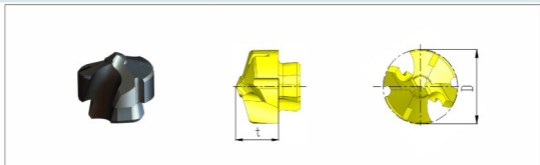


## FD...RA 特种钻尖RA型 Special Drilling Head RA



订货号 Order No.	尺寸 Dimensions(mm)		刀体 tool holders
	D	t	
FD-080-RA	8.0	5.4	FD080/089-12-D...
FD-081-RA	8.1	5.4	
FD-082-RA	8.2	5.4	
FD-083-RA	8.3	5.4	
FD-084-RA	8.4	5.4	
FD-085-RA	8.5	5.4	
FD-086-RA	8.6	5.4	
FD-087-RA	8.7	5.4	
FD-088-RA	8.8	5.4	
FD-089-RA	8.9	5.4	
FD-090-RA	9.0	5.8	FD090/099-12-D...
FD-091-RA	9.1	5.8	
FD-092-RA	9.2	5.8	
FD-093-RA	9.3	5.8	
FD-094-RA	9.4	5.8	
FD-095-RA	9.5	5.8	
FD-096-RA	9.6	5.8	
FD-097-RA	9.7	5.8	
FD-098-RA	9.8	5.8	
FD-099-RA	9.9	5.8	
FD-100-RA	10.0	6.2	FD100/109-16-D...
FD-101-RA	10.1	6.2	
FD-102-RA	10.2	6.2	
FD-103-RA	10.3	6.2	
FD-104-RA	10.4	6.2	
FD-105-RA	10.5	6.2	
FD-106-RA	10.6	6.2	
FD-107-RA	10.7	6.2	
FD-108-RA	10.8	6.2	
FD-109-RA	10.9	6.2	

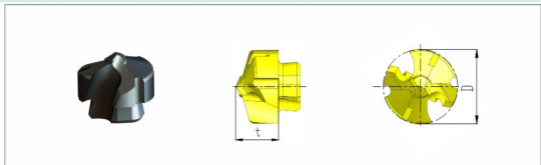
订货号 Order No.	尺寸 Dimensions(mm)		刀体 tool holders
	D	t	
FD-110-RA	11.0	6.6	FD110/119-16-D...
FD-111-RA	11.1	6.6	
FD-112-RA	11.2	6.6	
FD-113-RA	11.3	6.6	
FD-114-RA	11.4	6.6	
FD-115-RA	11.5	6.6	
FD-116-RA	11.6	6.6	
FD-117-RA	11.7	6.6	
FD-118-RA	11.8	6.6	
FD-119-RA	11.9	6.6	
FD-120-RA	12.0	7.0	FD120/129-16-D...
FD-121-RA	12.1	7.0	
FD-122-RA	12.2	7.0	
FD-123-RA	12.3	7.0	
FD-124-RA	12.4	7.0	
FD-125-RA	12.5	7.0	
FD-126-RA	12.6	7.0	
FD-127-RA	12.7	7.0	
FD-128-RA	12.8	7.0	
FD-129-RA	12.9	7.0	
FD-130-RA	13.0	7.6	FD130/139-16-D...
FD-131-RA	13.1	7.6	
FD-132-RA	13.2	7.6	
FD-133-RA	13.3	7.6	
FD-134-RA	13.4	7.6	
FD-135-RA	13.5	7.6	
FD-136-RA	13.6	7.6	
FD-137-RA	13.7	7.6	
FD-138-RA	13.8	7.6	
FD-139-RA	13.9	7.6	



注：RA钻尖具有定心功能，轴向钻削力较小，5D以上钻孔更具优势，尖适用于中高碳钢、合金钢等钻孔



RA cutting head can drill with self-centering and less drill force and more advantages can be reflected with drilling middle & high carbon, alloy steel etc. (especially for more than 5D)



## FD...RA 特种钻尖RA型 Special Drilling Head RA



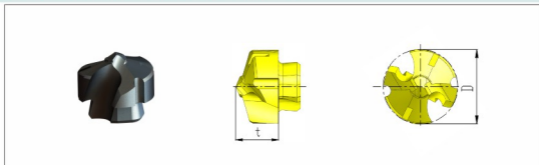
订货号 Order No.	尺寸 Dimensions(mm)		刀体 tool holders
	D	t	
FD-140-RA	14.0	8.1	FD140/149-16-.D..
FD-141-RA	14.1	8.1	
FD-142-RA	14.2	8.1	
FD-143-RA	14.3	8.1	
FD-144-RA	14.4	8.1	
FD-145-RA	14.5	8.1	
FD-146-RA	14.6	8.1	
FD-147-RA	14.7	8.1	
FD-148-RA	14.8	8.1	
FD-149-RA	14.9	8.1	
FD-150-RA	15.0	8.7	FD150/159-20-.D..
FD-151-RA	15.1	8.7	
FD-152-RA	15.2	8.7	
FD-153-RA	15.3	8.7	
FD-154-RA	15.4	8.7	
FD-155-RA	15.5	8.7	
FD-156-RA	15.6	8.7	
FD-157-RA	15.7	8.7	
FD-158-RA	15.8	8.7	
FD-159-RA	15.9	8.7	
FD-160-RA	16.0	9.3	FD160/169-20-.D..
FD-161-RA	16.1	9.3	
FD-162-RA	16.2	9.3	
FD-163-RA	16.3	9.3	
FD-164-RA	16.4	9.3	
FD-165-RA	16.5	9.3	
FD-166-RA	16.6	9.3	
FD-167-RA	16.7	9.3	
FD-168-RA	16.8	9.3	
FD-169-RA	16.9	9.3	

订货号 Order No.	尺寸 Dimensions(mm)		刀体 tool holders
	D	t	
FD-170-RA	17.0	9.9	FD170/179-20-.D..
FD-171-RA	17.1	9.9	
FD-172-RA	17.2	9.9	
FD-173-RA	17.3	9.9	
FD-174-RA	17.4	9.9	
FD-175-RA	17.5	9.9	
FD-176-RA	17.6	9.9	
FD-177-RA	17.7	9.9	
FD-178-RA	17.8	9.9	
FD-179-RA	17.9	9.9	
FD-180-RA	18.0	10.5	FD180/189-25-.D..
FD-181-RA	18.1	10.5	
FD-182-RA	18.2	10.5	
FD-183-RA	18.3	10.5	
FD-184-RA	18.4	10.5	
FD-185-RA	18.5	10.5	
FD-186-RA	18.6	10.5	
FD-187-RA	18.7	10.5	
FD-188-RA	18.8	10.5	
FD-189-RA	18.9	10.5	
FD-190-RA	19.0	11.0	FD190/199-25-.D..
FD-191-RA	19.1	11.0	
FD-192-RA	19.2	11.0	
FD-193-RA	19.3	11.0	
FD-194-RA	19.4	11.0	
FD-195-RA	19.5	11.0	
FD-196-RA	19.6	11.0	
FD-197-RA	19.7	11.0	
FD-198-RA	19.8	11.0	
FD-199-RA	19.9	11.0	

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## FD...RA 特种钻尖RA型 Special Drilling Head RA



订货号 Order No.	尺寸 Dimensions(mm)		刀体 tool holders
	D	t	
FD-200-RA	20.0	11.6	FD200/209-25-D...
FD-201-RA	20.1	11.6	
FD-202-RA	20.2	11.6	
FD-203-RA	20.3	11.6	
FD-204-RA	20.4	11.6	
FD-205-RA	20.5	11.6	
FD-206-RA	20.6	11.6	
FD-207-RA	20.7	11.6	
FD-208-RA	20.8	11.6	
FD-209-RA	20.9	11.6	
FD-210-RA	21.0	12.1	FD210/219-25-D...
FD-211-RA	21.1	12.1	
FD-212-RA	21.2	12.1	
FD-213-RA	21.3	12.1	
FD-214-RA	21.4	12.1	
FD-215-RA	21.5	12.1	
FD-216-RA	21.6	12.1	
FD-217-RA	21.7	12.1	
FD-218-RA	21.8	12.1	
FD-219-RA	21.9	12.1	
FD-220-RA	22.0	12.7	FD220/229-25-D...
FD-221-RA	22.1	12.7	
FD-222-RA	22.2	12.7	
FD-223-RA	22.3	12.7	
FD-224-RA	22.4	12.7	
FD-225-RA	22.5	12.7	
FD-226-RA	22.6	12.7	
FD-227-RA	22.7	12.7	
FD-228-RA	22.8	12.7	
FD-229-RA	22.9	12.7	

订货号 Order No.	尺寸 Dimensions(mm)		刀体 tool holders
	D	t	
FD-230-RA	23.0	13.3	FD230/239-32-D...
FD-231-RA	23.1	13.3	
FD-232-RA	23.2	13.3	
FD-233-RA	23.3	13.3	
FD-234-RA	23.4	13.3	
FD-235-RA	23.5	13.3	
FD-236-RA	23.6	13.3	
FD-237-RA	23.7	13.3	
FD-238-RA	23.8	13.3	
FD-239-RA	23.9	13.3	
FD-240-RA	24.0	13.9	FD240/249-32-D...
FD-241-RA	24.1	13.9	
FD-242-RA	24.2	13.9	
FD-243-RA	24.3	13.9	
FD-244-RA	24.4	13.9	
FD-245-RA	24.5	13.9	
FD-246-RA	24.6	13.9	
FD-247-RA	24.7	13.9	
FD-248-RA	24.8	13.9	
FD-249-RA	24.9	13.9	
FD-250-RA	25.0	14.5	FD250/260-32-D...
FD-251-RA	25.1	14.5	
FD-252-RA	25.2	14.5	
FD-253-RA	25.3	14.5	
FD-254-RA	25.4	14.5	
FD-255-RA	25.5	14.5	
FD-256-RA	25.6	14.5	
FD-257-RA	25.7	14.5	
FD-258-RA	25.8	14.5	
FD-259-RA	25.9	14.5	
FD-260-RA	26.0	14.5	

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