THE NEW VALUE FRONTIER



High efficiency DRA modular drill chamfering attachment

DRA chamfering attachment



New straight shank DRA chamfering attachment

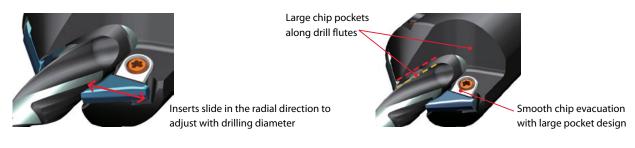
Excellent chip control in a wide range of drilling depths Chamfer size: Recommended is 4 mm | Max. is 8 mm Applicably with ø10 mm to ø20 mm shank of drill body in 3D, 5D and 8D lengths Hole diameter from ø8 mm to ø19.9 mm High efficiency modular drill

DRA chamfering attachment

New straight shank DRA chamfering attachment. Excellent chip control in a wide range of drilling depths.

Excellent stability and chip evacuation

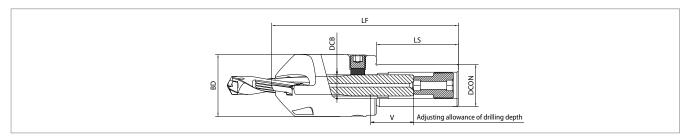
Easy-to-adjust chamfering insert slides in radial direction with a clamp structure that provides good chip evacuation



Fully adjustable for a wide range of drilling depths

Range of adjustable depths for a ø14 mm drilling diameter





Toolholder

Description	Availability	Applicable drill shank dia. DCB (ø)			Applicable incert			
vescription			DCON	BD	LF	LS	V (Max)	Applicable insert
S20-CH10-DRA	•	10	20	39	110	52	18	
S32-CH12-DRA	•	12	32	43	130	62	24	
S32-CH14-DRA	•	14	32	45	130	62	24	CT12T3-45DA
S32-CH16-DRA	•	16	32	47	141	62	24	CT1215-450A
S32-CH18-DRA	•	18	32	49	145	62	24	
S32-CH20-DRA	•	20	32	53	150	62	24.5	

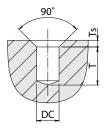
Applicable insert

Shape	Description	MEGACOAT NANO	Dimensions (mm)		
Jiape	Description	PR1535	W1	S	
	CT12T3-45DA	•	13.54	3.97	
				• : Available	

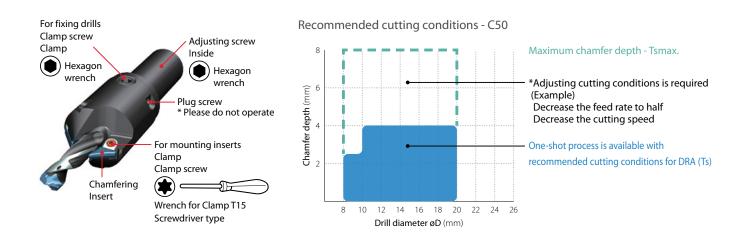
• : Available

Chamfering attachment Adjusting screw				For fixing drills	For mounting inserts					
	Aujustilly sciew		Clamp	Clamp screw			Plug screw	Clamp	Clamp screw	Wrench
Description		Width Across Flat (mm)	\bigcirc		Width Across Flat (mm)	Torque [N·m]				
S20-CH10-DRA	AJ-12X22	(CP-CH10	HS8X8 4 -		12				
S32-CH12-DRA	AJ-16X30	6	CP-CH12		15					
S32-CH14-DRA	AJ-20X30	0	CP-CH14	HS10X10	5	20	BNP6	CO9N	W6X18N	DTM-15
S32-CH16-DRA	AJ-20X30	8	CP-CH16	HS12X10	(30				
S32-CH18-DRA	AJ-22x35	AL 22/25 10	CP-CH18	ID 12A 10	X10 6	30				
S32-CH20-DRA	KJ-22X55	10	CP-CH20	HS16X10 8		45				

Drilling and chamfering depths



Cutting Dia. (mm) Drilling Depth (mm)							Chamfering Dimension (mm)			
D	C	T (3	XD)	T (5	XD)	3) T	SXD)			Applicable Toolholder
min.	max.	min.	max.	min.	max.	min.	max.	Ts	Tsmax.	
ø7.94	ø8.49	12.5	20	18	36	43	60	2.5	8	S2O-CH10-DRA
ø8.50	ø8.99	12.5	21.5	21.5	38.5	48	64			
ø9.00	ø9.49	12.5	23	24	41	52	68			
ø9.50	ø9.99	12.5	24.5	27.5	43.5	57.5	72.5			
ø10.00	ø10.49	15.5	26	22	46	52	76		8	S32-CH12-DRA
ø10.50	ø10.99	16	27.5	24.5	48.5	56	80	4		
ø11.00	ø11.49	16.5	29	27	51	60	84			
ø11.50	ø11.99	17.5	30.5	29.5	53.5	64	88			
ø12.00	ø12.49	18	32	32	56	68	92	- 4	8	S32-CH14-DRA
ø12.50	ø12.99	19	34	35	59	72.5	96.5			
ø13.00	ø13.49	19.5	35.5	37.5	61.5	76	100			
ø13.50	ø13.99	20	36.5	39.5	63.5	80	104			
ø14.00	ø14.49	21	38.5	42.5	66.5	84.5	108.5	4	8	S32-CH16-DRA
ø14.50	ø14.99	21.5	40	45	69	88.5	112.5			
ø15.00	ø15.99	22.5	41.5	47.5	71.5	92.5	116.5			
ø16.00	ø16.99	24	44.5	52.5	76.5	100.5	124.5	4	8	S32-CH18-DRA
ø17.00	ø17.99	25.5	47.5	57.5	81.5	108.5	132.5			
ø18.00	ø18.99	27.5	51	64	87	121	141	- 4	8	S32-CH20-DRA
ø19.00	ø19.99	29.5	54	69	92	129	149			

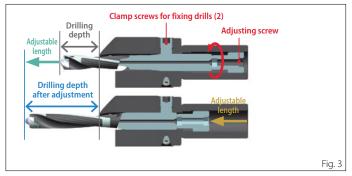


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1 Mount DRA drill into the chamfering attachment - Fig. 1



3 Adjust drilling depth by turning adjustment screw with hexagon wrench - Fig. 3



5 Fasten the two clamp screws for DRA See table 1 for recommended torque

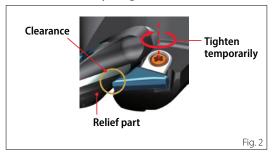
Table 1

	Clamp screw					
Chamfering attachment description	Recommended torque (N·m)	Width across flat (mm)				
S20-CH10-DRA	12	4				
S32-CH12-DRA	15	4				
S32-CH14-DRA	20	5				
S32-CH16-DRA	30	6				
S32-CH18-DRA	30					
S32-CH20-DRA	45	8				

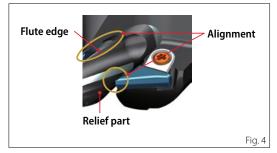
Cautions

- Chamfering attachment is compatible with straight shank SS-DRA. It cannot be used for flanged shank SF-DRA.
- Chamfering requires two chamfering inserts. Using one insert is not recommended.
- Only fully remove clamp screws when replacing them.

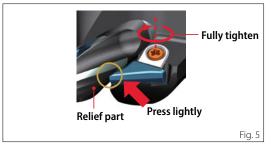
Install an insert and tighten temporarily with clearance between the cutting edge and DRA body - Fig. 2



4 Align the flute edge and black relief part of the drill to the position shown in Fig.4 by rotating the DRA drill



 Tighten the inserts while lightly pressing the edge of insert against the relief part
 Fig. 5 (Recommended torque is 3.5 N·m)



- Clamps and clamp screws for mounting inserts need to be replaced regularly.
- Screw locking adhesive is applied to adjustment screw. The effect will
 eventually wear off if the screws are used for a long time. Regular replacement
 is recommended.
- Please do not operate the plug screws.

