

# Individual

albrecht Individual hinges allow you to find truly individual solutions for your patients.

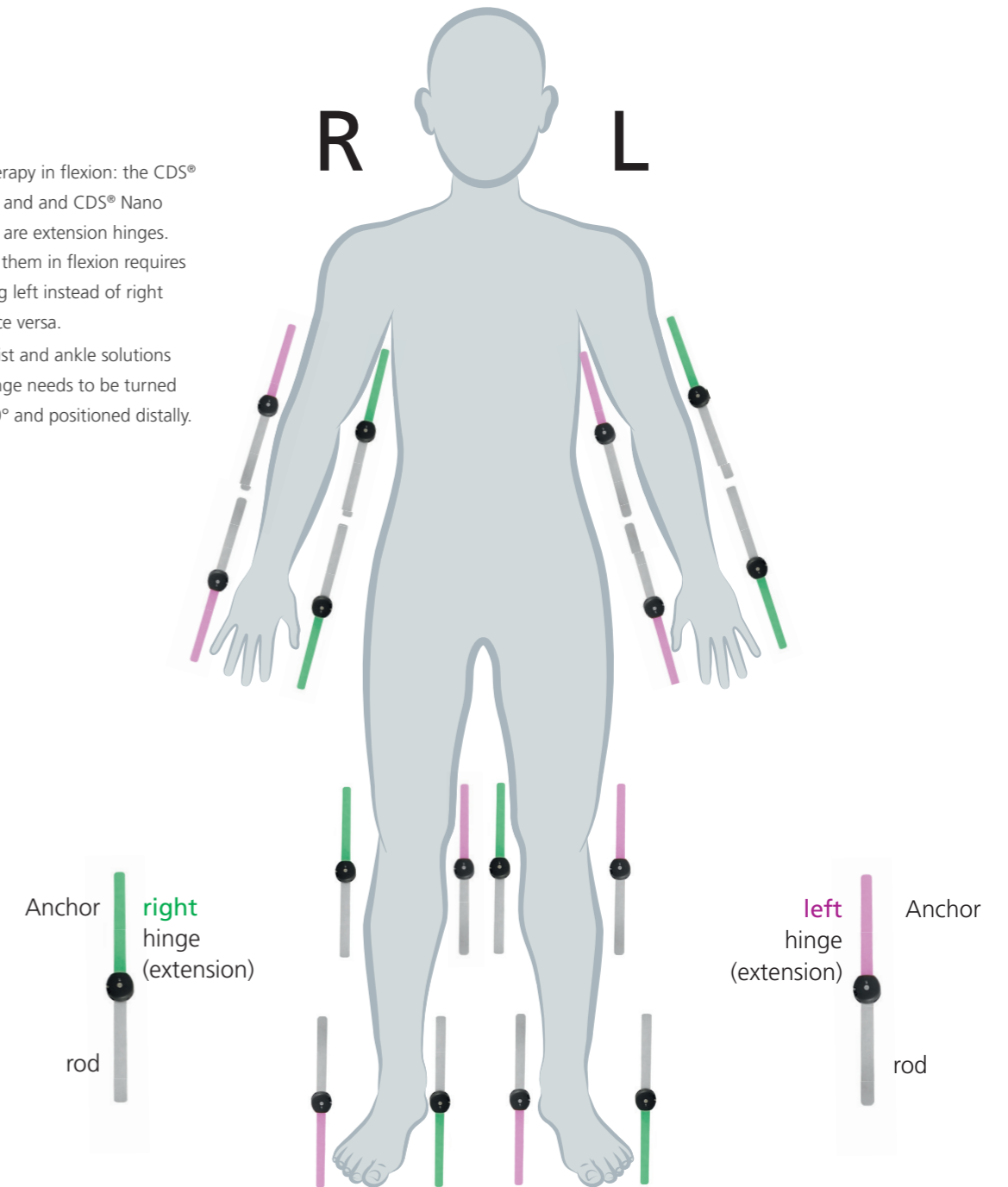


# Individual hinge finder

for CDS® hinges and CDS® Nano hinges

### Note

- For therapy in flexion: the CDS® hinges and CDS® Nano hinges are extension hinges. To use them in flexion requires choosing left instead of right and vice versa.
- For wrist and ankle solutions the hinge needs to be turned by 180° and positioned distally.



### Material and width

	CDS® (3 mm thickness)		
aluminium	20 mm	24 mm	
steel (VA)	16 mm	20 mm	24 mm

	CDS® Nano (2 mm thickness)	
aluminium	16 mm	
steel (VA)	16 mm	

Individual



# Hinge Selection

Patents EP 0 841 044 / US 5,954,677 / EP 3 352 713 / DE 10 2008 049 854  
DE 10 2015 012 320 / EP 314 6944 / further patents pending

	width	knee		ankle		elbow		wrist		Anchor			
		left/lat. right/med.	right/lat. left/med.	left/lat. right/med.	right/lat. left/med.	left/lat. right/med.	right/lat. left/med.	left/lat. right/med.	right/lat. left/med.	Anchor straight	V-short V-long	T-short T-long	Nano Anchor straight 16 mm slot
<b>CDS® hinge 360° VA</b>	16 mm 20 mm 24 mm	812-200-L 812-205-L 812-210-L	812-200-R 812-205-R 812-210-R	812-200-R 812-205-R 812-210-R	812-200-L 812-205-L 812-210-L	812-200-R 812-205-R 812-210-R	812-200-L 812-205-L 812-210-L	812-200-R 812-205-R 812-210-R	812-200-L 812-205-L 812-210-L	813-440-S 813-445-S 813-450-S	- 813-400-S	813-405-S 813-410-S	
<b>CDS® hinge 360° Alu</b>	20 mm 24 mm	812-235-L 812-240-L	812-235-R 812-240-R	812-235-R 812-240-R	812-235-L 812-240-L	812-235-R 812-240-R	812-235-L 812-240-L	812-235-R 812-240-R	812-235-L 812-240-L	813-475-S 813-480-S	- 813-420-S	813-425-S 813-430-S	
<b>CDS® Adapter hinge 360° VA</b>	16 mm 20 mm 24 mm	812-250-L 812-255-L 812-260-L	812-250-R 812-255-R 812-260-R	812-250-R 812-255-R 812-260-R	812-250-L 812-255-L 812-260-L	812-250-R 812-255-R 812-260-R	812-250-L 812-255-L 812-260-L	812-250-R 812-255-R 812-260-R	812-250-L 812-255-L 812-260-L	813-500-S 813-505-S 813-510-S	- 813-400-S	813-405-S 813-410-S	
<b>CDS® Adapter hinge 360° Alu</b>	20 mm 24 mm	812-285-L 812-290-L	812-285-R 812-290-R	812-285-R 812-290-R	812-285-L 812-290-L	812-285-R 812-290-R	812-285-L 812-290-L	812-285-R 812-290-R	812-285-L 812-290-L	813-535-S 813-540-S	- 813-420-S	813-425-S 813-430-S	
<b>CDS® hinge 360° plus VA</b>	16 mm 20 mm 24 mm	812-300-L 812-305-L 812-310-L	812-300-R 812-305-R 812-310-R	812-300-R 812-305-R 812-310-R	812-300-L 812-305-L 812-310-L	812-300-R 812-305-R 812-310-R	812-300-L 812-305-L 812-310-L	812-300-R 812-305-R 812-310-R	812-300-L 812-305-L 812-310-L	813-440-S 813-445-S 813-450-S	- 813-400-S	813-405-S 813-410-S	
<b>CDS® hinge 360° plus Alu</b>	20 mm 24 mm	812-335-L 812-340-L	812-335-R 812-340-R	812-335-R 812-340-R	812-335-L 812-340-L	812-335-R 812-340-R	812-335-L 812-340-L	812-335-R 812-340-R	812-335-L 812-340-L	813-475-S 813-480-S	- 813-420-S	813-425-S 813-430-S	
<b>CDS® Adapter hinge 360° plus VA</b>	16 mm 20 mm 24 mm	812-350-L 812-355-L 812-360-L	812-350-R 812-355-R 812-360-R	812-350-R 812-355-R 812-360-R	812-350-L 812-355-L 812-360-L	812-350-R 812-355-R 812-360-R	812-350-L 812-355-L 812-360-L	812-350-R 812-355-R 812-360-R	812-350-L 812-355-L 812-360-L	813-500-S 813-505-S 813-510-S	- 813-400-S	813-405-S 813-410-S	
<b>CDS® Adapter hinge 360° plus Alu</b>	20 mm 24 mm	812-385-L 812-390-L	812-385-R 812-390-R	812-385-R 812-390-R	812-385-L 812-390-L	812-385-R 812-390-R	812-385-L 812-390-L	812-385-R 812-390-R	812-385-L 812-390-L	813-535-S 813-540-S	- 813-420-S	813-425-S 813-430-S	
<b>CDS® Nano hinge VA</b>	16 mm	812-100-L	812-100-R	812-100-R	812-100-L	812-100-R	812-100-L	812-100-R	812-100-L	813-160-S	813-100-S 813-105-S	813-110-S 813-115-S	813-165-S
<b>CDS® Nano hinge Alu</b>	16 mm	812-130-L	812-130-R	812-130-R	812-130-L	812-130-R	812-130-L	812-130-R	812-130-L	813-170-S	813-130-S -	813-135-S 813-140-S	813-175-S
<b>CDS® Nano Adapter hinge VA</b>	16 mm	812-150-L	812-150-R	812-150-R	812-150-L	812-150-R	812-150-L	812-150-R	812-150-L	813-190-S	813-100-S 813-105-S	813-110-S 813-115-S	813-165-S
<b>CDS® Nano Adapter hinge Alu</b>	16 mm	812-180-L	812-180-R	812-180-R	812-180-L	812-180-R	812-180-L	812-180-R	812-180-L	813-195-S	813-130-S -	813-135-S 813-140-S	813-175-S

## Casting options

### Hinge

Hinges are attached to the rods and may be riveted to a cast.

CDS® hinge 360° with  
CDS® Anchor straight



CDS® Nano hinge with  
CDS® Nano Anchor straight



### Adapter hinge

Adapter hinges may be removed from the rods so they can be poured into the cast.

CDS® adapter hinge 360° with  
CDS® adapter Anchor



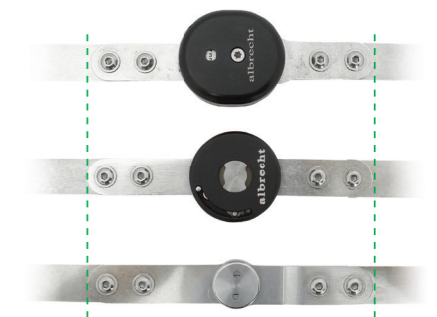
CDS® Nano adapter hinge with  
CDS® Nano adapter Anchor



The CDS® adapter hinge and  
CDS® adapter stabiliser may be interchanged.



The CDS® Nano adapter hinge, ROM Nano adapter hinge and CDS® adapter stabiliser may be interchanged.



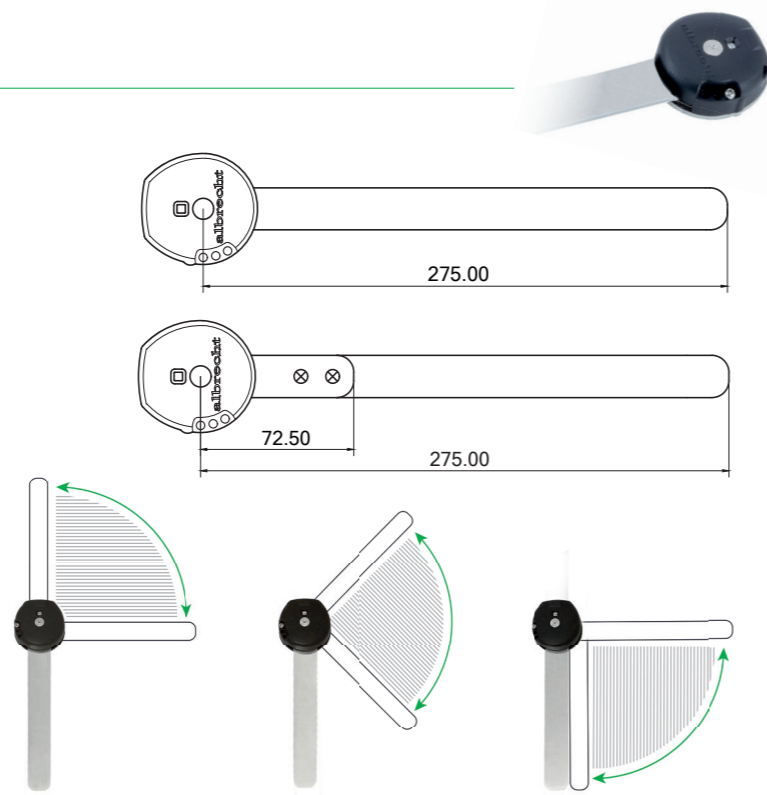
## CDS® Hinge 360°

### Features

- individual adjustment of the spring tension up to 5,2 Nm
- spring tension can be switched on and off without tools and without varying the tension setting
- range of motion can be limited
- immobilisation is possible

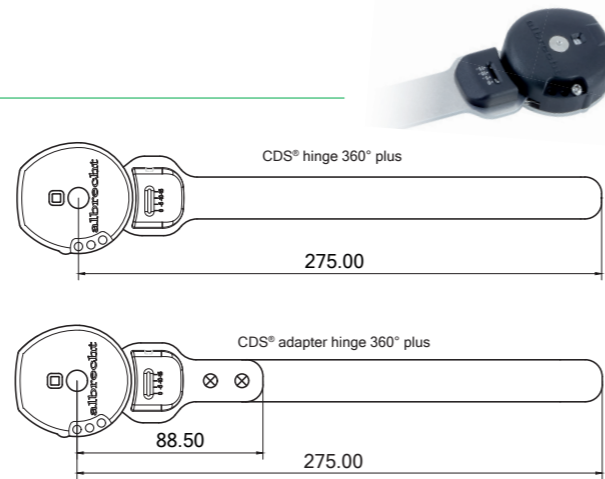
### CDS® Hinge 360°

- the redression range may be adjusted in 15° increments
- 90° redression range can be positioned freely
- for therapy in extension and flexion
- for treatment of severe extension and flexion deficits



## CDS® Hinge 360° plus

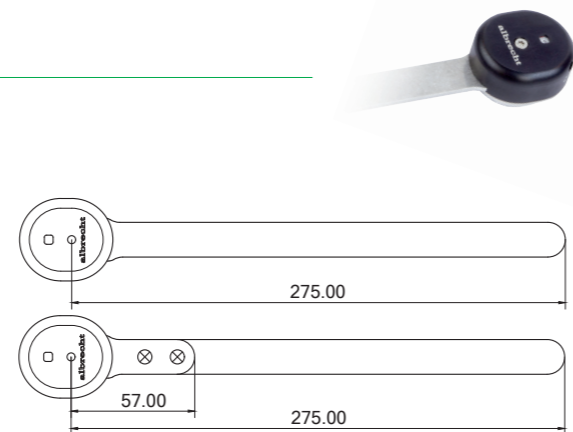
The PLUS hinges include a fine adjustment option. Fine adjustment allows for the infinitely variable adjustment of the redression range. The redression range may also be extended to -15° for hyperextension.



## CDS® Nano Hinge

### Features

- individual adjustment of the spring tension up to 2,2 Nm
- spring tension can be switched on and off without tools and without varying the spring tension
- the redression range can be adjusted in 10° increments



## CDS® Nano Hybrid Hinge

### Features

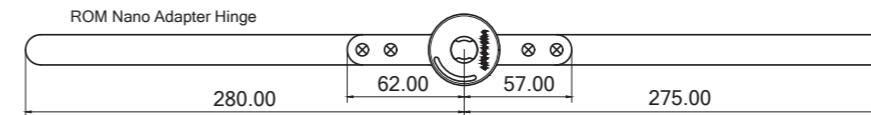
- optimised for additive manufacturing
- hexagon base for better grip
- STL-data file available upon request



### Article number

Name	Art.-No. left	Art.-No. right
CDS® Nano Hybrid hinge 16 mm Alu	811-900-S	811-901-S

## ROM Nano Adapter Hinge



### Features

- limits may be adjusted without tools
- extension limit may be adjusted between -10° and 100° in 10° increments
- flexion limits may be adjusted between 0° and 130° in 10° increments
- immobilisation is possible between -10° and 100° in 10° increments

### Article numbers

Name	Art.-No. left	Art.-No. right
ROM Nano Adapter hinge VA	811-110-S	811-111-S
ROM Nano Adapter hinge Alu	811-100-S	811-101-S

## CDS® Micro Hinge

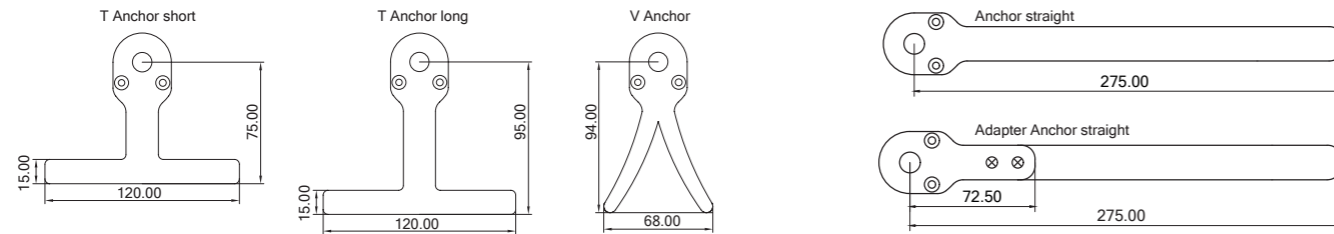
### Features

- individual adjustment of the spring tension
- Max. torque: 0,43 Nm

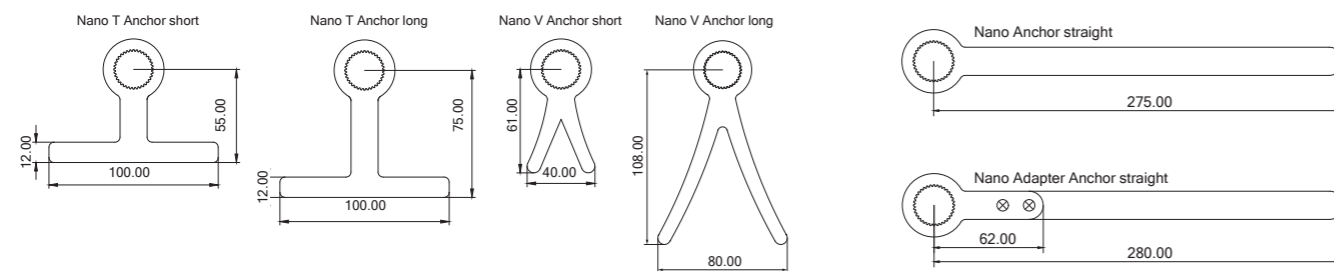
### Article number

Name	Art.-No.
CDS® Mikro hinge	840-500-S

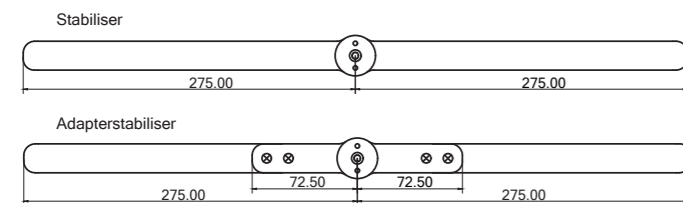
# Anchor for CDS® Hinges



# Anchor for CDS® Nano Hinges



# CDS® Stabiliser



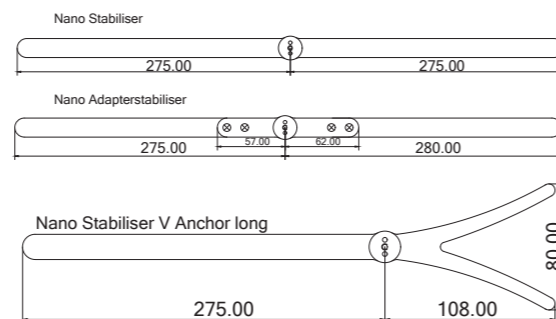
Stabilisers may be selected according to the chosen hinge.

Stabiliser	Art.-No.
CDS® stabiliser 16 mm VA	830-180-S
CDS® stabiliser 20 mm VA	830-160-S
CDS® stabiliser 24 mm VA	830-110-S
CDS® stabiliser 20 mm Alu	830-150-S
CDS® stabiliser 24 mm Alu	830-100-S
CDS® adapter stabiliser 16 mm VA	830-280-S
CDS® adapter stabiliser 20 mm VA	830-260-S
CDS® adapter stabiliser 24 mm VA	830-210-S
CDS® adapter stabiliser 20 mm Alu	830-250-S
CDS® adapter stabiliser 24 mm Alu	830-200-S

# CDS® Nano Stabiliser

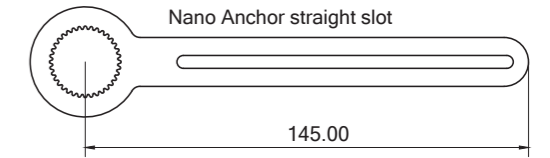
Nano stabilisers may be selected according to the chosen hinge.

Mitläufer	Art.-No.
CDS® Nano stabiliser VA	830-195-S
CDS® Nano stabiliser V Anchor long VA	830-196-S
CDS® Nano stabiliser Alu	830-190-S
CDS® Nano adapter stabiliser VA	830-295-S
CDS® Nano adapter stabiliser Alu	830-290-S



# CDS® Nano Anchor straight slot

CDS® Nano Anchor straight	Art.-No.
CDS® Nano Anchor straight 16 mm slot VA	813-165-S
CDS® Nano Anchor straight 16 mm slot Alu	813-175-S



# Hand Piece Nano

Hand piece	Art.-No. left	Art.-No. right
Hand piece L plus width 10 cm	827LN-PL	827LN-PR
Hand piece L width 10 cm	827LN-L	827LN-R
Hand piece M width 8 cm	827MN-L	827MN-R
Hand piece S width 6 cm	827SN-L	827SN-R



# Coniungi

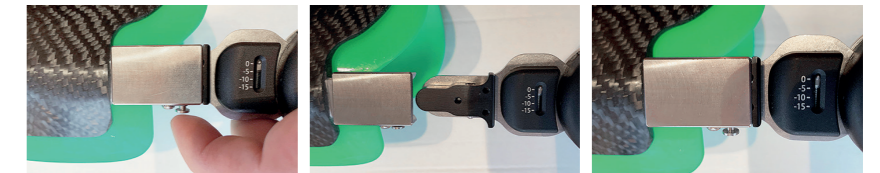
Connecting unit for quick disconnection and re-connection of two components.

### Disconnect Coniungi:

Pull the elements apart while pushing the bolt.

### Reconnect Coniungi:

Push the elements into one another.



### Coniungi with connecting rod

connecting unit Coniungi	Art.-No.
connecting unit Coniungi 16 mm	814-100-S
connecting unit Coniungi 24 mm	814-120-S
connecting unit Coniungi with rod	Art.-No.
connecting unit Coniungi with rod 16 mm	814-300-S
connecting unit Coniungi with rod 24 mm	814-320-S

# Balancer

The balancer enables the correct positioning of the hinges.

Name	Art.-No.
CDS® Balancer	860-100-S
Alignment Set Replacement Kit	860-180-S
Adjustable face wrench	280-044-S
Spiral drill HSS/E DIN338 Typ N 3,2	280-076-S
Spiral drill HSS/E DIN338 Typ N 4,2	280-077-S



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