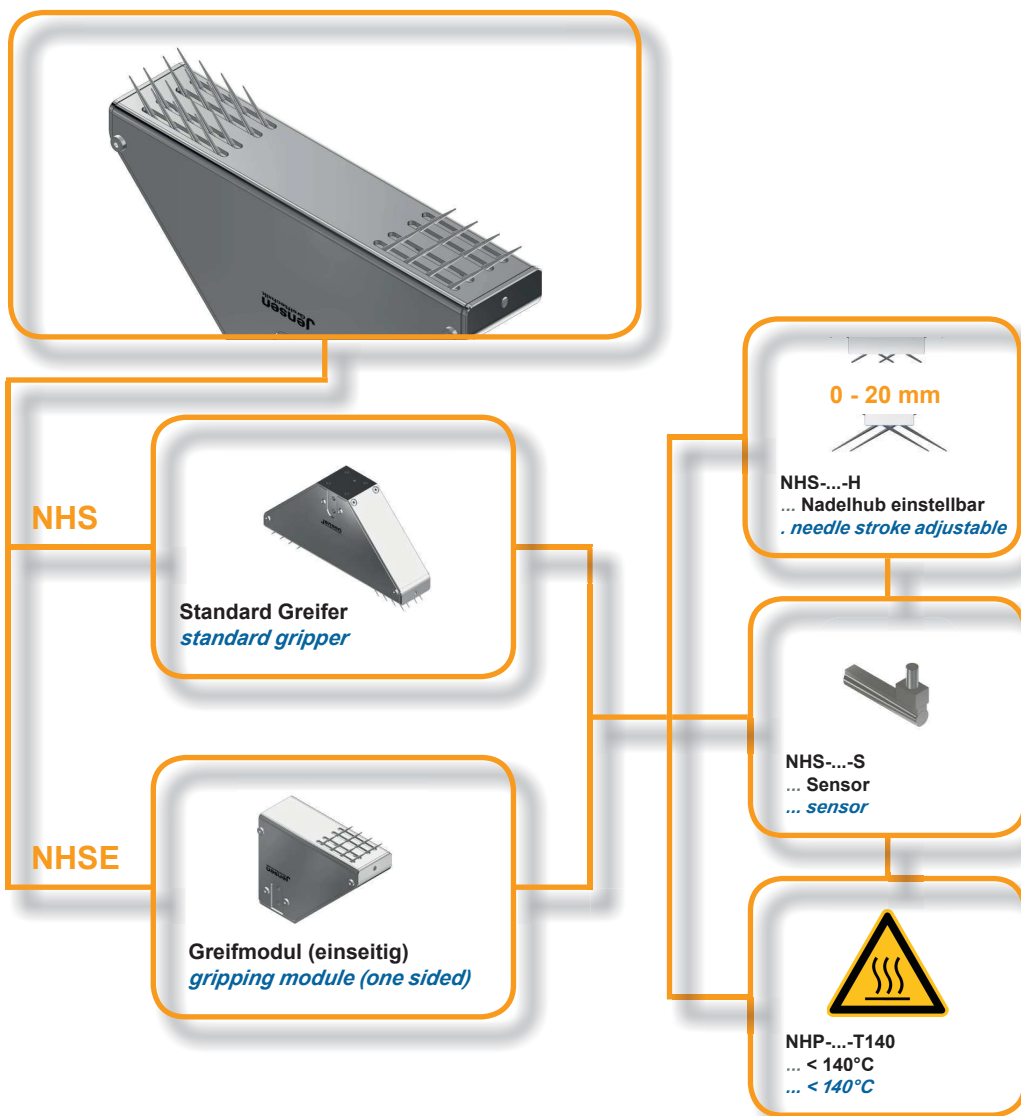


Robuster Greifer für schwere Bauteile

Robust gripper for heavy components



NHS - N ... - -			
Serie <i>series</i>	Nadelhub <i>needle stroke</i>		Anz. Nadeln <i>number of needle</i>
	3	3 mm	8 Stück <i>8 piece</i>
	6	6 mm	
	9	9 mm	16 Stück <i>16 piece</i>
	20	20 mm	
		Ø-Nadel <i>needle diameter</i>	
		1.2	Ø 1,2 mm
		-	Ø 2,0 mm

Merkmale

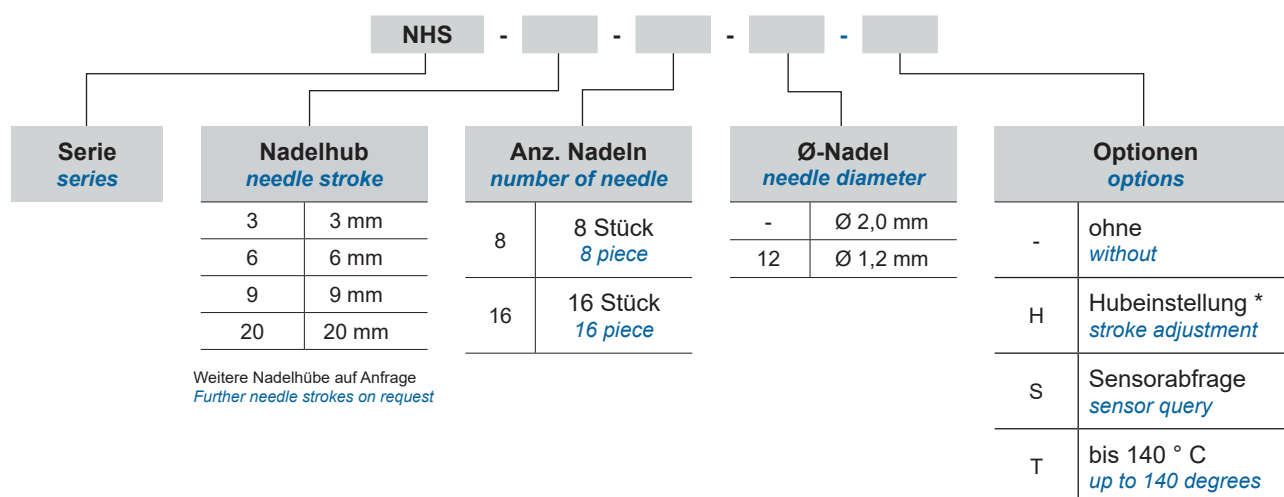
- für schwere Bauteile konzipiert
- unterschiedliche Nadelkonfigurationen
- große Greifwirkläche
- optional Hub stufenlos einstellbar
- doppelwirkend
- robuste Aluminiumausführung



Features

- *designed for heavy components*
- *different needle configurations*
- *large gripping area*
- *optional stroke infinitely adjustable*
- *double-acting*
- *robust aluminium design*

Bestellschlüssel / *order key*



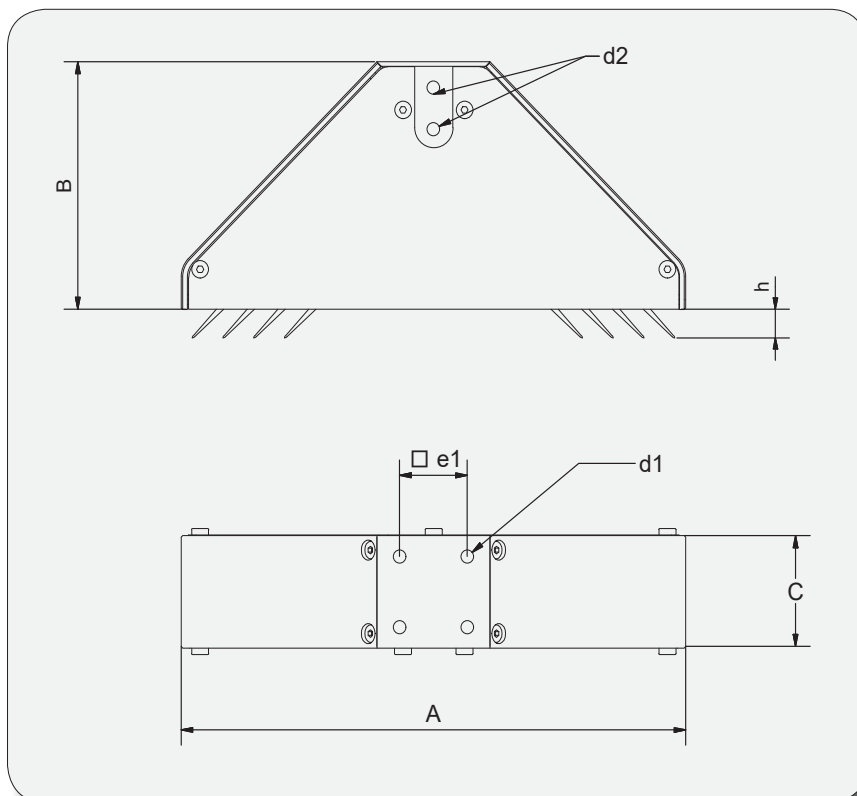
* nicht bei NHS-20 möglich
not possible with NHS-20

Technische Daten / *technical data*

Serie / <i>series</i>	NHS-3	NHS-6	NHS-9	NHS-20
Nadelhub (fest/einstellbar) (mm) / <i>needle stroke (mm)</i>	3	6	9	20
Gewicht (g) / <i>weight (g)</i>	449	450	480	1.750
Nadelanzahl (Stk.) / <i>number of needles (pcs.)</i>	32	32	32	24
Nadeldurchmesser (mm) / <i>needle diameter (mm)</i>	1,2 / 2 mm	1,2 / 2 mm	1,2 / 2 mm	2 mm
Funktionsweise / <i>functionality</i>	doppelwirkend / <i>double-acting</i>			
Betriebsdruck min./max. (bar) / <i>operating pressure min./max. (bar)</i>	2 / 8	2 / 8	2 / 8	2 / 8
Betriebstemperatur min./max. (°C) / <i>operating temperature (°C)</i>	0 / 70	0 / 70	0 / 70	0 / 70
Auflagefläche (mm) / <i>contact surface (mm)</i>	141 x 35	150 x 35	164 x 35	256 x 60

* weitere Nadelhübe auf Anfrage. / *Further needle strokes on request*

Abmessungen / *dimensions*



Artikel / <i>article</i>	A	B	C	h	□ e1	d1	d2
NHS-3	141	65,5	35	3	22	4x M5	2x M5
NHS-6	150	70	35	6	22	4x M5	2x M5
NHS-9	164	77	35	9	22	4x M5	2x M5
NHS-20	256	112	60	20	30/35	4x M8	2x G1/8

Variante NHSE

Merkmale:

- Nadeln fahren einseitig aus
- für schwere Bauteile konzipiert
- unterschiedliche Nadelkonfigurationen
- sehr große Greifwirkfläche
- doppelwirkend
- robuste Aluminiumausführung

Features

- *needles extend on one side*
- *designed for heavy components*
- *different needle configurations*
- *very large gripping area*
- *double-acting*
- *robust aluminium design*



Bestellschlüssel / order key

NHSE - - -							
Serie <i>series</i>		Nadelhub <i>needle stroke</i>		Ø-Nadel <i>needle diameter</i>		Optionen <i>options</i>	
		6	6 mm	-	Ø 2,0 mm	-	ohne <i>without</i>
		9	9 mm	12	Ø 1,2 mm	H	Hubeinstellung * <i>stroke adjustment</i>
						S	Sensorabfrage <i>sensor query</i>
						T	bis 140 ° C <i>up to 140 degrees</i>

Weitere Nadelhübe auf Anfrage
Further needle strokes on request

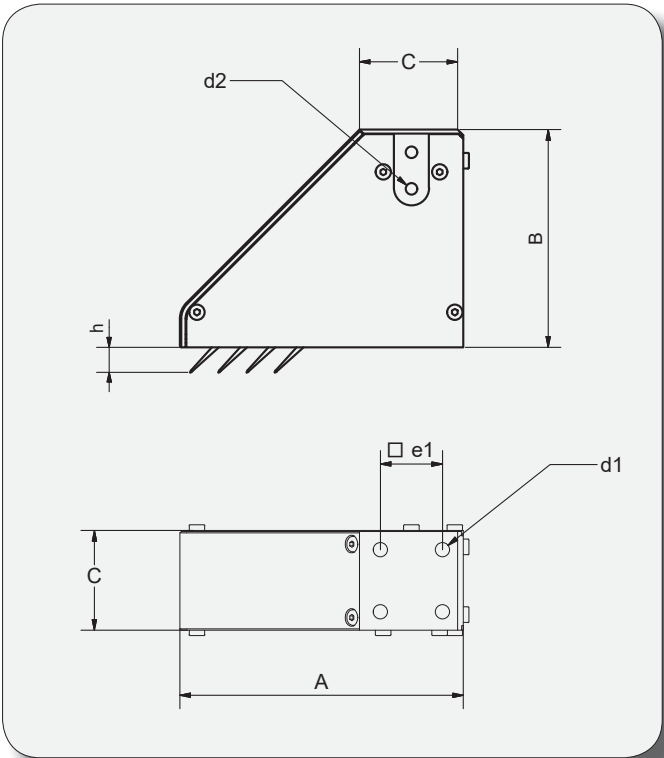
*Nadelhub stufenlos einstellbar.
needle stroke infinitely adjustable

Technische Daten / technical data

Serie / <i>series</i>	NHSE-6	NHSE-9
Nadelhub (fest/einstellbar) (mm) / <i>needle stroke (mm)</i>	6	9
Gewicht (g) / <i>weight (g)</i>	295	310
Nadelanzahl (Stk.) / <i>number of needles (pcs.)</i>	16	16
Nadeldurchmesser (mm) / <i>needle diameter (mm)</i>	2 / 1,2	2 / 1,2
Funktionsweise / <i>functionality</i>	doppelwirkend	doppelwirkend
Betriebsdruck min./max. (bar) / <i>operating pressure min./max. (bar)</i>	2 / 8	2 / 8
Betriebstemperatur min./max. (°C) / <i>operating temperature (°C)</i>	0 / 70	0 / 70
Auflagefläche (mm) / <i>contact surface (mm)</i>	75 x 35	82 x 35

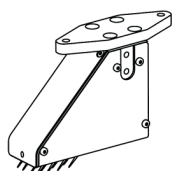
Variante NHSE

Abmessungen / *dimensions*

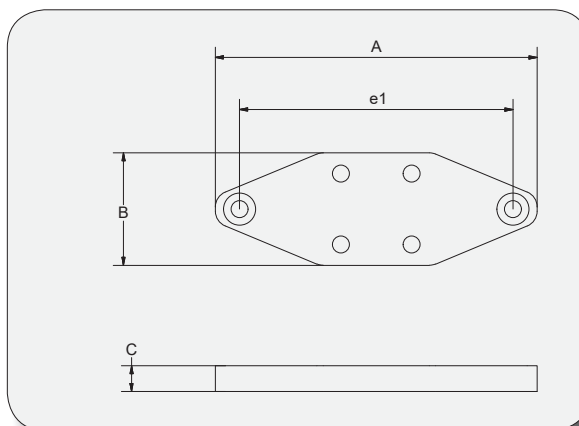


Artikel / <i>article</i>	A	B	C	h	□ e1	d1	d2
NHSE-6	75	70	35	6	22	4x M5	M5
NHSE-9	164	77	35	9	22	4x M5	M5

Adapterplatte / *adapter plate*

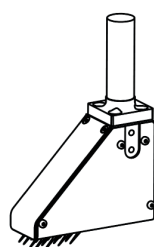
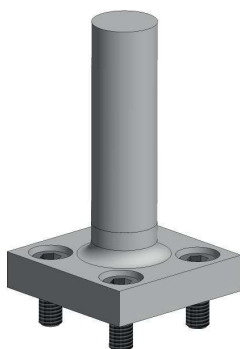


Abmessungen / *dimensions*

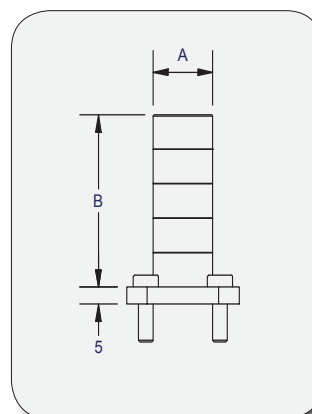


Artikel / <i>article</i>	A	B	C	e1
NHS-AP	100	35	8	85

Befestigungszapfen / *mounting pin*



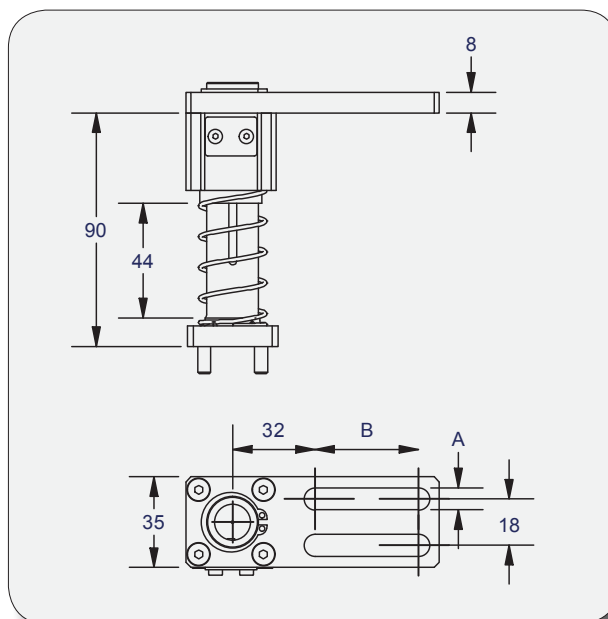
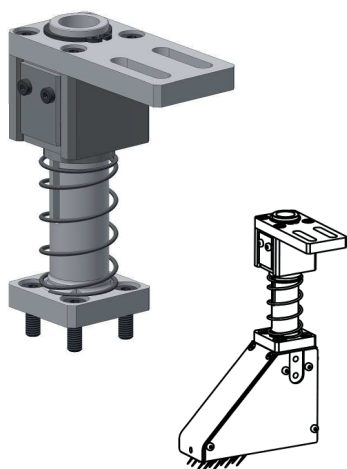
Abmessungen / *dimensions*



Bestellschlüssel / *order key*

NHS		-	BZ		-				
Serie <i>series</i>		Befestigungszapfen <i>mounting pin</i>		A		B			
				14	ø 14 mm	40	40 mm		
				20	ø 20 mm	50	50 mm		
						60	60 mm		
						80	80 mm		

Federelement (verdrehgesichert) / *spring element (non-rotating)*



Bestellschlüssel / *order key*

Serie <i>series</i>		Federelement <i>spring element</i>		A		B	
NHS		F					
5		5,3		20		20 mm	
6		6,5		40		40 mm	
8		8,5		50		50 mm	
				60		60 mm	

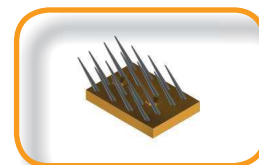
Ersatz-Nadelplatten / *spare needle plates*

Bestellschlüssel / *order key*

Serie <i>series</i>		Nadelhub <i>needle stroke</i>		Anz. Nadeln <i>number of needle</i>		Ø-Nadel <i>needle diameter</i>	
NHS		N ...					
3		3 mm		8 Stück <i>8 piece</i>		1.2 Ø 1,2 mm	
6		6 mm		16 Stück <i>16 piece</i>		-	
9		9 mm					
20		20 mm					

1 VE = 2x Stk. Nadelplatten

1 PU = 2x pcs. needle plates



Nadelgreifer mit Sicherheitstaster
needle gripper with safety sensor

