# HUCK® STRUCTURAL BLIND FASTENER

# EXTREMELY RESILIENT HIGHLY RELIABLE ABSOLUTELY SECURE





JOINED TO LAST.













- ) KVT-Fastening Group is an internationally well-known specialist for high-quality fastening and sealing applications. In both areas, KVT offers engineering solutions based on the wide product portfolio of the leading manufacturers in the market.
- ) Whether for the electronics and energy sector, the automotive and transportation industries, aviation and aerospace, engineering and construction, precision engineering, or medical equipment, high-performance solutions from KVT are found wherever absolutely safe and secure connections are essential. These small but extremely resilient components are applied where it matters most.
- ) KVT does not just supply standard products and individual components, but also provides close and active customer support in the search for ideal solutions, particularly when specific requirements must be fulfilled. This portfolio is complemented by a range of innovative tools and machines as well as, if needed, the integration into automated, serial production workflows.
- ) With over 80 years of engineering experience, solution-oriented expertise, as well as unique development and consulting skills, the KVT-Fastening Group stands for best-in-class reliability.

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# THE CENTER OF EXCELLENCE FOR HIGH-PERFORMANCE FASTENING TECHNOLOGY

#### **HUCK® STRUCTURAL BLIND FASTENER - UNSHAKABLE, EVEN UNDER EXTREME STRESS**

HUCK® structural blind fastener as well as specially designed rivet solutions are primarily used in the fields of transport, rail vehicles, bus and truck production, semitrailers, containers, and frame construction - fields that place great demands on components and materials.

#### **CHALLENGE**

The problem is the joining of two components ) Ideally designed, nondetachable blind rivet joints made of the same or different materials, such as steel and plastic, with different strengths and material thicknesses. Above all, the joints ) Range of tools for quick and easy installation must be able to withstand vibrations over a long period of time.

#### **SOLUTION**

HUCK® structural blind fastener live up to these most demanding requirements thanks to their enormous shear strength and great tensile strength. Even large components can be permanently joined without deformation.

#### **ADVANTAGES**

- ) Highly resistant to vibrations
- ) Deformation-free joints without surface damage
- ) Virtually corrosion-free







#### **Contents**

8 – 10	Magna-Lok® Domed head	
11 – 13	Magna-Lok® Countersunk head, 100°	
14	Huck-Lok™ Domed head	
15	Magna-Bulb® Domed head	
16	Auto-Bulb® Domed head	
17	BOM® Collar head	
18 – 21	Tools	

# OVERVIEW OF STRUCTBOAUBLIND FASTENER

**HUCK®** 

Heavy-duty rivet series	Head shape	Use	Features of use	Rivet sleeve material	Rivet mandrel material	
			Structural blind fastener with wide grip range	Aluminum	Aluminum	
Magna-Lok®	Domed head		and good hole filling. The mandrel is automati- cally locked to prevent detachment. The break point is flush-fit to the rivet body. Magna-Lok®	Steel	Steel	
			seals the joint against splash water.	Stainless steel	Stainless steel	
			Structural blind fastener with wide grip range and	Aluminum	Aluminum	
Magna-Lok®	Countersunk head		good hole filling. The mandrel is automatically locked to prevent detachment. The break point is flush-fit to the rivet body. Magna-Lok® seals the	Steel	Steel	
			joint against splash water.	Stainless steel	Stainless steel	
Huck-Lok™	Domed head		The great vibration resistance of the Huck-Lok <sup>TM</sup> is achieved by a double-mandrel lock. The special bulge style prevents pulling through in combination with the locking mechanism on the blind side. Wide grip range and high shear strength.	Steel	Steel	
Magna-Bulb®	Domed head		Large contact surfaces paired with high clamping force are well suited for use in sheet-metal and plastic applications. The form-fit locked rivet mandrel provides security even under heavy component vibrations.	Steel	Steel	
Auto-Bulb®	Domed head	1	Auto-Bulb® offers optimum appearance and no danger of injury on the blind side. The projecting height of the bulge can be ideally adapted due to overlapping clamping ranges. High clamping force and a large blind side footprint offer optimum fatigue strength.	Steel	Steel	
ВОМ®	Collar head		The strutural blind fastener for the most demanding requirements in terms of clamping force and shear strength. The joint is sealed to prevent liquid from entering. The rivet mandrel breaks flush. BOM® provides the strength advantages of HUCK® lockbolt systems but is also made for blind installation from one side.	Steel	Steel	

# OVERVIEW OF STRUCTBOAUBLIND FASTENER

**HUCK®** 

_	0:	Rivet diameters						0.1.1	
	Grip range [mm]								Catalog page
		4.8	6.4	7.9	9.5	12.7	15.9	19.4	13
	Standard lengths (included in catalog)	1.6 – 11.1	2.0 – 15.9		3.0 – 14.2				8
	Standard lengths (included in catalog)	1.6 – 11.1	2.0 – 15.9		3.0 – 14.2				9
	Standard lengths (included in catalog)	1.6 – 11.1	2.0 – 15.9						10
	Standard lengths (included in catalog)	3.2 – 12.7	4.0 – 18.4						11
	Standard lengths (included in catalog)	3.2 – 12.7	4.0 – 18.4						12
	Standard lengths (included in catalog)	3.2 – 12.7	4.0 – 18.4						13
	Standard lengths (included in catalog)		2.0 – 22.2						14
	Standard lengths (included in catalog)	2.2 – 8.8	8.8 – 33.8						15
	Available upon request			3.8 – 15.2					15
	Standard lengths (included in catalog)	2.2 – 9.8	2.8 - 9.8						10
	Available upon request	9.8 – 18.8	9.8 – 20.8						16
	Standard lengths (included in catalog)		4.0 – 10.3	4.8 – 17.5	4.8 – 20.6				17
	Available upon request	2.4 – 19.8	10.3 – 23.0	20.7 – 27.0	20.7 – 33.3	6.4 – 41.3	6.4 – 38.1	6.4 – 31.7	17



#### **MAGNA-LOK® BLIND RIVET**

**HUCK®** 

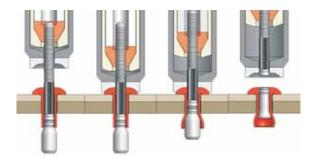
Domed head

#### Material

Body: Aluminum (AIMg5)
Mandrel: Aluminum (AIZn5, 5MgCu)

Tools see pages 18 - 21

#### **INSTALLATION**



NOM	↓ ſ	Order	Body	Rivet				75 07= <b>\</b>	Installat	ion
rivet Ø		description	length D max.	length E max.	<b>→</b>				Setting tool	Pulling head
							[N]	[N]	Pneu./Hydr.	
	1.6 – 6.9	MGLP-B6-4	10.54	17.15		D 2,16 MAX				
4.8	5.5 – 11.1	MGLP-B6-7	14.53	20.96	4.9 – 5.1		2.220	2.670	2025L/2480L <sup>1)</sup>	99-3303L
	1.6 – 11.1	MGLP-B6-E	14.53	24.13		9,78 MAX			LH-224/ 202V	99-3303 99-3303
						4,8 NOM				
						_ E _				
	2.0 - 9.5	MGLP-B8-6	14.22	24.64		_ D 2,97 MAX				
6.4	8.9 – 15.9	MGLP-B8-10	20.57	30.99	6.6 – 6.9		3.960	5.780	2025L/2480L <sup>1)</sup>	
	2.0 – 15.9	MGLP-B8-E	20.57	35.69		13,34 MAX			LH-224/ 202V	99-3305 99-3305
						6,4 NOM				
						. E .				
9.5	3.0 – 14.2	MGLP-B12-12	21.34	41.91	9.9 – 10.3	D4,45 MAX	8.450	13.120	255 / 25801)	99-3329
						19,99 MAX				
						9,5 NOM				
						_ E				



#### **MAGNA-LOK® BLIND RIVET**

**HUCK®** 

Domed head

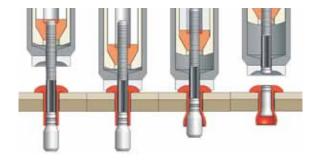
#### Material

Body: Steel Mandrel: Steel

Surface: Zinc-plated with clear chromate

Tools see pages 18 - 21

#### **INSTALLATION**



NOM	<b>↓</b>	Order	Body	Rivet				751 D7. <b>▶</b>	Installat	ion
rivet Ø		description	length D max.	length E max.	<b>→</b>				Setting tool	Pulling head
							[N]	[N]	Pneu./Hydr.	
	1.6 – 6.9	MGLP-R6-4	10.54	17.15		D2,16 MAX				
4.8	5.5 – 11.1	MGLP-R6-7	14.53	20.96	4.9 – 5.1		4.450	5.780	2025L/2480L <sup>1)</sup> LH-224/	99-3303L 99-3303
	1.6 – 11.1	MGLP-R6-E	14.53	24.13		9,78 MAX			202V	99-3303
						4,8 NOM				
						_ E				
	2.0 - 9.5	MGLP-R8-6	14.22	24.64		_ D 2,97 MAX				
6.4	8.9 – 15.9	MGLP-R8-10	20.57	30.99	6.6 – 6.9		8.230	11.120	2025L/2480L <sup>1)</sup>	99-3305L
	2.0 – 15.9	MGLP-R8-E	20.57	35.69		13,34 MAX			LH-224/ 202V	99-3305 99-3305
						6,4 NOM				
						. E .				
9.5	3.0 – 14.2	MGLP-R12-12	21.34	41.91	9.9 – 10.3	D 4,45 MAX	17.790	26.690	255 / 25801)	99-3329
						19,99 MAX				
						9,5 NOM				
						_ E _				



#### **MAGNA-LOK® BLIND RIVET**

**HUCK®** 

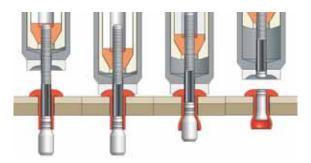
Domed head

#### Material

Body: Stainless steel 1.4310 (AISI 302) Mandrel: Stainless steel 1.4303 (AISI 305)

Tools see pages 18 - 21

#### **INSTALLATION**



NOM rivet Ø		Order description	Body length D max.	Rivet length E max.	<b>**</b>				Installat Setting tool	ion Pulling head
							[N]	[N]	Pneu./Hydr.	
4.8	1.6 – 6.9 5.5 – 11.1	MGLP-U6-4 MGLP-U6-7	10.54	20.96	4.9 – 5.1	9,78 MAX 4,8 NOM	4.220	5.780	2025L/2480L <sup>1)</sup> LH-224/ 202V	99-3303L 99-3303 99-3303
6.4	2.0 – 9.5 8.9 – 15.9	MGLP-U8-6 MGLP-U8-10	14.22	24.64	6.6 – 6.9	2,97 MAX 13,34 MAX 6,4 NOM	8.000	10.450	2025L/2480L <sup>1)</sup> LH-224/ 202V	99-3305L 99-3305 99-3305



#### **MAGNA-LOK® BLIND RIVET**

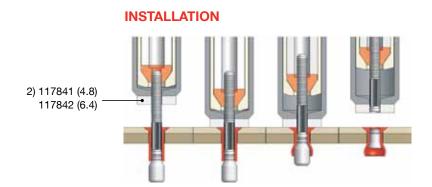
**HUCK®** 

Countersunk head, 100°

#### **Material**

Body: Aluminum (AIMg5)
Mandrel: Aluminum (AIZn5,5MgCu)

Tools see pages 18 - 21



NOM	<b>↓</b>	Order	Body	Rivet				77	Installa	tion
rivet Ø		description	length D max.	length E max.	<b>→</b>				Setting tool	Pulling head
							[N]	[N]	Pneu./Hydr.	
4.8	3.2 – 8.4	MGL100-B6-6	12.34	19.35	4.9 – 5.1	_ D _	2.220	2.670	2025L/2480L <sup>1)</sup>	00 22021 2)
4.8	7.8 – 12.7	MGL100-B6-9	16.59	23.60	4.9 – 5.1	2,03 MAX 8,76 MAX 4,8 NOM		2.670	2025L/2480L <sup>-7</sup> LH-224/ 202V	99-3303L <sup>2)</sup> 99-3303 <sup>2)</sup> 99-3303
0.4	4.0 – 12.1	MGL100-B8-8	16.76	26.90	0.0.00	. D.	0.000		00051 (040011)	00 00051 2
6.4	10.5 – 18.4	MGL100-B8-12	23.11	33.25	6.6 – 6.9	2,26 MAX 10,29 MAX 6,4 NOM	3.960	5.780	2025L/2480L <sup>1)</sup> LH-224/ 202V	99-3305L <sup>2)</sup> 99-3305 <sup>2)</sup> 99-3305

<sup>&</sup>lt;sup>1)</sup> This tool can only be operated in combination with the HK 432-2 powering and the HS-10-MCE hose set.

<sup>&</sup>lt;sup>2)</sup> The respective mouthpiece, 117841 (4.8) or 117842 (6.4), must be used to set countersunk head rivets. They are supplied with the respective pulling head as standard.



#### **MAGNA-LOK® BLIND RIVET**

**HUCK®** 

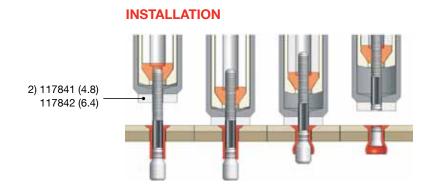
Countersunk head, 100°

#### Material

Body: Steel Mandrel: Steel

Surface: Zinc-plated with clear chromate

Tools see pages 18 - 21



NOM rivet		Order description	Body length D max.	Rivet length E max.	<b>₩</b>				Installa Setting tool	tion Pulling head
							[N]	[N]	Pneu./Hydr.	
4.8	3.2 – 8.4	MGL100-R6-6	12.34	19.35	4.9 – 5.1	2,03 MAX	4.450	5.780	2025L/2480L <sup>1)</sup>	99-3303L <sup>2)</sup>
	7.8 – 12.7	MGL100-R6-9	16.59	23.60		4,8 NOM E			LH-224/ 202V	99-3303 <sup>2)</sup> 99-3303
6.4	4.0 – 12.1	MGL100-R8-8	16.76	26.90	6.6 – 6.9	, D	8.230	11.120	2025L/2480L <sup>1)</sup>	99-3305L <sup>2)</sup>
0.4	10.5 – 18.4	MGL100-R8-12	23.11	33.25	0.0 - 0.9	2,26 MAX 10,29 MAX 6,4 NOM	3.230	11.120	202V	99-3305 <sup>2)</sup> 99-3305

<sup>&</sup>lt;sup>1)</sup> This tool can only be operated in combination with the HK 432-2 powering and the HS-10-MCE hose set.

<sup>&</sup>lt;sup>2)</sup> The respective mouthpiece, 117841 (4.8) or 117842 (6.4), must be used to set countersunk head rivets.



#### **MAGNA-LOK® BLIND RIVET**

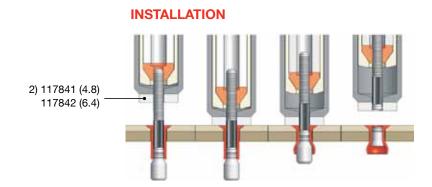
**HUCK®** 

Countersunk head, 100°

#### **Material**

Body: Stainless steel 1.4310 (AISI 302) Mandrel: Stainless steel 1.4303 (AISI 305)

Tools see pages 18 - 21



NOM rivet		Order description	Body length D max.	Rivet length E max.	<b>₩</b>				Installa Setting tool	tion Pulling head
							[N]	[N]	Pneu./Hydr.	
4.8	3.2 – 8.4 7.8 – 12.7	MGL100-U6-6 MGL100-U6-9	12.34	19.35	4.9 – 5.1	2,03 MAX	4.220	5.780	2025L/2480L <sup>1)</sup> LH-224/	99-3303L <sup>2)</sup> 99-3303 <sup>2)</sup>
	7.0 12.7	Mac100-00-3	10.55	20.00		4,8 NOM E			202V	99-3303
6.4	4.0 – 12.1	MGL100-U8-8	16.76	26.90	66 60	_ D _	0.000	10.450	00051 /04001 1)	00. 22051 2
0.4	10.5 – 18.4	MGL100-U8-12	23.11	33.25	6.6 – 6.9	2,26 MAX 10,29 MAX 6,4 NOM	8.000	10.450	2025L/2480L <sup>1)</sup> LH-224/ 202V	99-3305L <sup>2)</sup> 99-3305 <sup>2)</sup> 99-3305

<sup>&</sup>lt;sup>1)</sup> This tool can only be operated in combination with the HK 432-2 powering and the HS-10-MCE hose set.

<sup>&</sup>lt;sup>2)</sup> The respective mouthpiece, 117841 (4.8) or 117842 (6.4), must be used to set countersunk head rivets. They are supplied with the respective pulling head as standard.



#### **HUCK-LOK™ BLIND RIVET**

**HUCK®** 

Domed head

#### Material

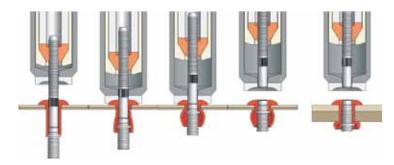
Body: Steel Mandrel: Steel

Surface: Zinc-plated with clear chromate

Tools see pages 18 - 21

Grip range 22.2 to 28.6 mm and 25.4 to 31.8 mm are available upon request.

#### **INSTALLATION**



NOM	<b>↓</b>	Order	Body	Rivet			<b>1</b>	75 D7=	Installa	tion
rivet Ø		description	length D max.	length E max.	<b>→</b>				Setting tool	Pulling head
							[N]	[N]	Pneu./Hydr.	
	2.0 – 9.5	HKLP-R8-6	14.2	28.3		D3,2 MAX				
	4.8 – 11.1	HKLP-R8-7	15.8	29.9						
6.4	9.5 – 15.9	HKLP-R8-10	20.6	34.7	6.7 – 7.0	13,5 MAX	8.450	15.570	2025L/2480L <sup>1)</sup>	99-3305L
	12.7 – 19.1	HKLP-R8-12	23.7	37.9		6,4 NOM			LH-224/ 202V	99-3305 99-3305
	15.9 – 22.2	HKLP-R8-14	26.9	41.1		_ E				



#### **MAGNA-BULB® BLIND RIVET**

**HUCK®** 

Domed head

#### Material

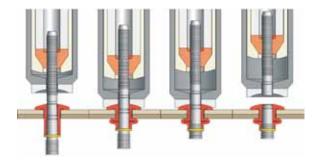
Body: Steel Mandrel: Steel

Surface: Zinc-plated with clear chromate

Tools see pages 18 - 21

Other rivet diameters 7.9 mm (3.8 to 6.4 mm) and other grip ranges of the below-mentioned types are available upon request.

#### **INSTALLATION**



NOM	↓ n	Order	Body	Rivet				751 07 <b>-</b> ▶	Installa	tion
rivet ∅		description	length D max.	length E max.	<b>→</b>				Setting tool	Pulling head
							[N]	[N]	Pneu./Hydr.	
	2.2 – 3.8	MBP-R6-M3	9.91	17.1		D 2,57 MAX				
4.8	3.2 – 4.8	MBP-R6-M4	10.90	17.7						
Upon	4.2 – 5.8	MBP-R6-M5	11.89	18.6	4.9 – 5.1	9,78 MAX	4.890	7.560	2025L/2480L <sup>1)</sup>	99-3303L
re- quest!	5.2 – 6.8	MBP-R6-M6	12.90	19.7		4,8 NOM			LH-224/ 202V	99-3303 99-3303
	7.2 – 8.8	MBP-R6-M8	14.91	21.7		_ E				
	1.5 – 3.5	MBP-R8-M2	11.48	19.3		D 210144V				
	2.8 – 4.8	MBP-R8-M3	12.75	21.9						
	3.8 – 5.8	MBP-R8-M4	13.77	23.9		D 3,18 MAX				
6.4	5.8 – 7.8	MBP-R8-M6	15.77	23.9	66 60	10.40 MAY	0.000	16.010	2025L/2480L <sup>1)</sup>	00 22051
0.4	7.8 – 9.8	MBP-R8-M8	17.78	25.9	6.6 – 6.9	13,46 MAX	8.900	16.010	LH-224/	99-3305L 99-3305
	8.8 – 10.8	MBP-R8-M9	18.77	26.9		6,4 NOM _ E _			202V	99-3305
	10.8 – 12.8	MBP-R8-M11	20.78	28.9						
	12.8 – 14.8	MBP-R8-M13	22.78	30.9						



#### **AUTO-BULB® BLIND RIVET**

**HUCK®** 

Domed head

#### Material

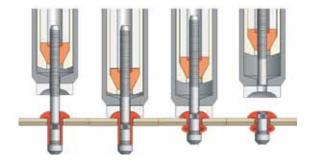
Body: Steel Mandrel: Steel

Surface: Zinc-plated with clear chromate

Tools see pages 18 - 21

Other grip ranges of the below-mentioned types are available upon request.

#### **INSTALLATION**



NOM	<b>↓</b>	Order	Rivet-				75	Installa	tion
rivet Ø		description	length D max.	<b>→ ←</b>				Setting tool	Pulling head
						[N]	[N]	Pneu./Hydr.	
	2.2 – 3.8	ABP-R6-M3	12.95						
	3.2 – 4.8	ABP-R6-M4	13.97		D2,57 MAX				
4.8	4.2 – 5.8	ABP-R6-M5	14.96						
Upon	5.2 – 6.8	ABP-R6-M6	15.98	4.9 – 5.1	9,53 MAX	3.780	5.340	2025L/2480L <sup>1)</sup>	99-3303L
re- quest!	6.2 – 7.8	ABP-R6-M7	16.97		· · · · · · · · · · · · · · · · · · ·			LH-224/ 202V	99-3303 99-3303
	7.2 – 8.8	ABP-R6-M8	17.98		4,8 NOM				
	8.2 – 9.8	ABP-R8-M9	18.97						
	2.8 – 4.8	ABP-R8-M3	17.09						
	3.8 – 5.8	ABP-R8-M4	18.11		D 2,84 MAX				
6.4	4.8 – 6.8	ABP-R8-M5	19.10	6.7 – 6.9	13,00 MAX	7.120	11.570	2025L/2480L <sup>1)</sup>	99-3305L
0.4	5.8 – 7.8	ABP-R8-M6	20.12	0.7 - 0.9	13,00 MAX	1.120	11.570	LH-224/	99-3305
	6.8 – 8.8	ABP-R8-M7	21.11		6,4 NOM			202V	99-3305
	7.8 – 9.8	ABP-R8-M8	22.12						



BOM® BLIND RIVET HUCK®

Collar head

#### **Material**

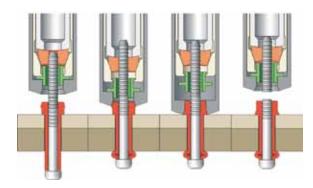
Body: Steel, Zinc-plated, with wax film

Mandrel: Steel, black, oiled

Tools see pages 18 - 21

Other rivet diameters (4.8 mm, 12.7 mm, 15.9 mm, 19.1 mm) and other grip ranges of the below-mentioned types are available upon request.

#### **INSTALLATION**



NOM rivet		Order description	Body length	Rivet length					Installation Setting tool Pulling	
Ø			D max.	E max.			<b>→</b> <sup>(C)</sup>	u O D	Setting tool	head
							[N]	[N]	Pneu./Hydr.	
6.4	4.0 – 5.6	BOM-R8-3	13.28	17.32	7.0 – 7.4	D 5,72 MAX				
	5.6 – 7.2	BOM-R8-4	14.86	18.92		6,4 NOM 9,65 MAX E	14.460	22.690	255 / 25801)	99-830-1
	7.2 – 8.8	BOM-R8-5	16.46	20.50						
	8.8 – 10.3	BOM-R8-6	18.03	22.10						
7.9	4.8 – 7.9	BOM-R10-4	17.65	22.23	8.8 – 9.4	7,9 NOM 12,14 MAX	23.130	35.810	/ 2580 <sup>1)</sup>	99-769
	7.9 – 11.1	BOM-R10-6	20.83	25.40						
	11.1 – 14.3	BOM-R10-8	24.00	28.58						
	14.3 – 17.5	BOM-R10-10	27.18	31.75						
9.5	4.8 – 7.9	BOM-R12-4	19.46	24.61	10.5 – 11.0	9,5 NOM 14,30 MAX	32.250	49.380	/ 2580 <sup>1)</sup>	99-1272
	7.9 – 11.1	B0M-R12-6	22.63	27.79						
	11.1 – 14.3	B0M-R12-8	25.81	30.96						
	14.3 – 17.5	BOM-R12-10	28.98	34.14						
	17.5 – 20.6	BOM-R12-12	32.16	37.31		. E .				

OVERVIEW HUCK®



			Pneuma	Hydraulic tools  The hydraulic tools can only be operated in combination with the HK 432-2 powering and the HS-10-MCE hose set.			
	NOM	202V	LH-224	255	2025 L/LB	2480 L	2580
	rivet Ø	Tension head	Tension head	Tension head	Tension head	Tension head	Tension head
	4.8	99-3303	99-3303		99-3303 L	99-3303 L	
Magna-Lok®	6.4	99-3305	99-3305		99-3305 L	99-3305 L	
	9.5			99-3329			99-3329
Huck-Lok™	6.4	99-3305	99-3305		99-3305 L	99-3305 L	
	4.8	99-3303	99-3303		99-3303 L	99-3303 L	
Magna-Bulb®	6.4	99-3305	99-3305		99-3305 L	99-3305 L	
	7.9			99-3307			99-3307
Auto-Bulb®	4.8	99-3303	99-3303		99-3303 L	99-3303 L	
Auto-Buib	6.4	99-3305	99-3305		99-3305 L	99-3305 L	
	6.4			99-830-1			99-830-1
BOM®	7.9						99-769
	9.5						99-1272

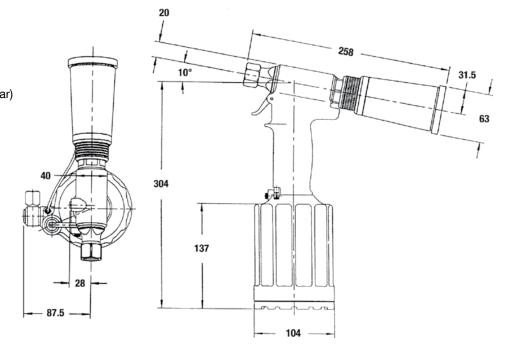
# PNEUMATIC TOOL 202V WITH VACUUM SYSTEM

**HUCK®** 

Weight: 2.3 kg
Air pressure: 5.5 to 6.9 bar
Tensile force: 17.3 kN (at 6.2 bar)

Max. power stroke: 18.9 mm Air consumption: 244 l/min at

30 cycles/min

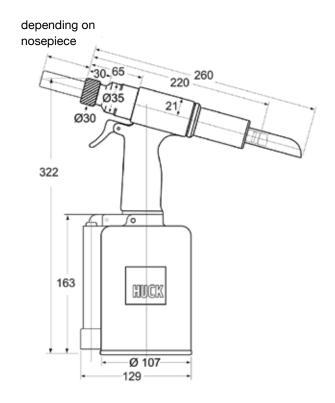


#### **PNEUMATIC TOOL LH-244**

Weight: 2,8 kg
Air pressure: 6,2 to 6,9 bar
Tensile force: 19 kN (at 6,2 bar)

Max. power stroke: 21 mm

The tool is also available with a mandrel collection container under the designation "LH-244 B" (without picture).

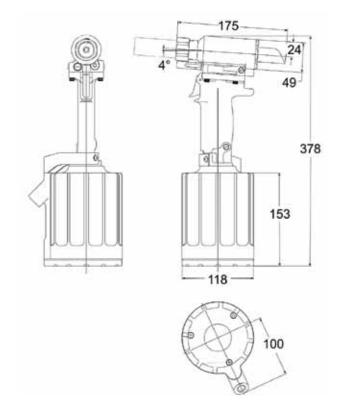


#### PNEUMATIC TOOL 255 HUCK®

Weight: 4 kg

Air pressure: 6.2 to 6.9 bar Tensile force: 34.5 kN (at 6.2 bar)

Max. power stroke: 15.9 mm

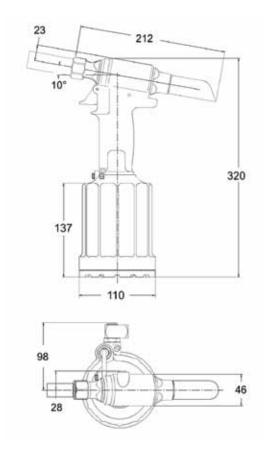


#### **PNEUMATIC TOOL 2025 L**

Weight: 2.6 kg
Air pressure: 6.2 to 7.6 bar
Tensile force: 19 kN (at 6.2 bar)

Max. power stroke: 17 mm
Air consumption: 1.3 l/stroke

The tool can also be supplied with a mandrel collection container under the designation "LH-244 B" (without picture).

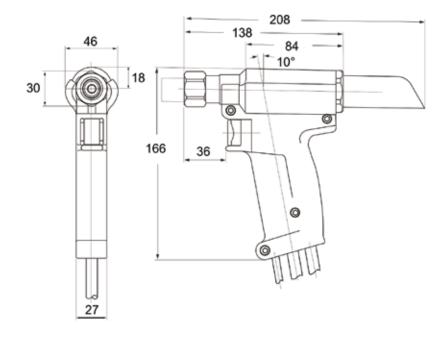


#### HYDRAULIC TOOL 2480 L HUCK®

Weight: 1,0 kg

Tensile force: 25.4 kN (bei 580 bar)

Max. power stroke: 20.6 mm Power stroke: 580 bar Return stroke: 220 bar

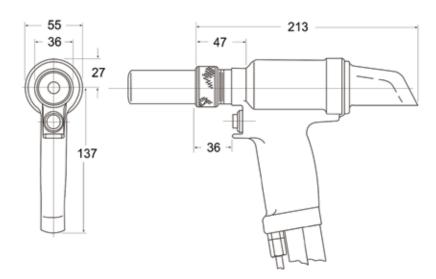


#### **HYDRAULIC TOOL 2580**

Weight: 3.0 kg

Tensile force: 47.6 kN (at 510 bar)

Max. power stroke: 24 mm Power stroke: 510 bar Return stroke: 220 bar



#### **HYDRAULIC-AGGREGATE HK 432-2**

Max. force pressure: 580 bar Max. return stroke: 300 bar

Dimensions: 540 x 470 x 565 mm (LxWxH) Connection: 50 Hz, 3 x 220V, 3 x 400V

Motor: 2.2 kW

The pump is controlled based on the work demand. It switches to standby after the work stroke.



#### KVT FASTENING AND SEALING TECHNOLOGY

#### **HUCK®**



) KOENIG-EXPANDER® Plugs



) Blind rivet nuts



) Blind rivet technology



) Thread inserts



) Self-clinching fasteners



) Stud welding systems



) Lock nuts



) Bonding fasteners



) Access solutions



) Quick fastening elements and clips



) Quick release pins and spring plungers



Adhesives and sealants 1)



Construction fasteners 2)



) Special processes 1)



) Pressure intensifiers 3)

# FASTENING, SEALING AND FLOW CONTROL SOLUTIONS FOR COMPLEX APPLICATIONS

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products and order at our E-shop, please visit

) www.kvt-fastening.com



Screw technology



Installation technology



) Quick connectors 4)

- 1) Not available in Germany
- 2) Only available in Switzerland
- 3) Not available in Switzerland
- 4) Only available in Germany



Electrical engineering



) Energy technology



Automotive



Medical technology



Transportation



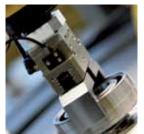
) Construction industry



) Precision engineering



) Aviation and aerospace



) Hydraulics and industry



) Mechanical engineering

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