

Examples of special design fittings (AM) for primary and secondary cargo hooks

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P/N	AM_KAU_x	AM_KAU_B429	AM_KAU_H135-M	AM_KAU_H145-MC	AM_KAU_H145	AM_BWx	AM_AW13	EH-St_14_TOP	AM_KAU_MIL	AM_KAU_NH90
HESLO	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
WLL kN	10 – 50	14	14	16	16	0.5 - 90	20	14	50	40
HEC	✓	✓	✓	✓	✓	✓	n/a	✓	✓	✓
WLL kN	2 – 16	6	6	8	8	1.5 – 16	10	n/a	16	16
PCH	✓	✓	✓	✓	✓	✓	✓	n/a	✓	✓
SCH	✓	✓	✓	✓	✓	✓	✓	n/a	n/a	n/a
Type Heli	Select by assessment	BELL 429	H135-M, H125	H135-/H145-M	H145	Drones different Helis	BELL 429/H125, other	Select by assessmant	AS332/H225, KA-32	NH90
Steel rope	no	yes	yes	yes	yes	no	yes	no	no	no
thimbled	no	n/a	n/a	n/a	n/a	yes	Yes	n/a	n/a	yes
Textile strap	with connex	no	no	no	no	with connex	with connex	no	no	yes
Textile rope	with connex	yes	yes	yes	yes	with connex	with connex	yes	yes, spin	yes
Specials	--	stiff connection prevents problems according to FMS, like dynamic overol				multifunktional	multifunktional	stiff rope connection	Transport line with casted end	every slinging point according to AWA
Benefits	cost efficient	100 % compliant with specific FMS				cost efficient	cost effizient		rotating on one axis	no tools needed
Standard	EN 1677/EN 1492-2	EASA CS-27 and CS-29				EN 1677	EN 1677	MD 2006/42/EC	EASA CS-29	EASA CS-29/STANAG

Abbreviations

AM	Slinging Equipment
HESLO	Helicopter External Sling Load Operation
HEC	Human External Cargo
AWA	Instruction for use and maintenance
FMS	Flight Manual Supplement
MD	Machinery directive
kN	Kilo Newton (1 kN = ~100 kg)
PCS	Primary Cargo Hook
SCH	Secondary Cargo Hook
WLL	Working Load Limit

Further information can be found in the AWA, part 1, chapter 3 - www.air-work.swiss, documents, AWA parts 0 to 3

Special design fittings for primary and secondary cargo hooks (PCH, SCH) Änderungen (Historie): new pictures, new description Für dieses Dokument behalten wir uns alle Rechte vor. Ohne unsere ausdrückliche und schriftliche Zustimmung darf es weder dritten Personen mitgeteilt, noch missbräuchlich kopiert oder anderweitig benutzt werden. VOR_02_Form-A4h_DB_C FC 160120ER LM 201102ER Printdate 05.12.2020	Blatt Nr: 1	Blatt Anzahl: 1		A4	
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