

	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	
	DIN 371	DIN 37410 37412	DIN 371	DIN 37410 37412	DIN 37410 37412	DIN 2174	DIN 352	DIN 352	DIN 352	DIN 371	DIN 376	DIN 371	DIN 376	DIN 371	DIN 376	DIN 37410 37412	
	6H	6HX	6HX	6H	6H	6HX	6H	6HX	6H	6H	6H	6H	6H	6HX	6HX	6HX	
	2XD	2.5XD	2XD	2XD	2.5XD	3XD	1.5XD	1.5XD	1.5XD	1.5XD	1.5XD	1.5XD	1.5XD	2XD	2XD	2XD	
	HM	HM	HM	HM	HM	HM	HSS	HSS-E	HSS	HSS-E PM	HSS-E PM	HSS-E PM	HSS-E PM	HSS-E PM	HSS-E PM	HSS-E PM	
	C 2-3	C 2-3	C 2-3	C 2-3	C 2-3	C 2-3.5	C 2-3	C 2-3	C 2-3	A 6-8 C 2-3	A 6-8 C 2-3	C 2-3	C 2-3	C 2-3	C 2-3	C 2-3	
	TICN	Sev-B	TICN			TICN		ST						ST	ST	TiAlN	
	T200	T201	T210	T205	T206	T215	E100	E102	E101	E200	E250	E237	E251	E201	E252	E390	
	M3 - M12	M5 - M16	M3 - M12	M3 - M12	M5 - M12	M3 - M10	M1.6 - M52	M3 - M30	M4 - M16	M2 - M10	M3 - M52	M3 - M10	M12 - M24	M3 - M10	M8 - M24	M3 - M20	
	NEW	NEW	NEW	NEW	NEW	NEW											
AMG	220	220	220	222	222	223	224	224	224	226	226	226	226	228	228	228	ISO
1.1						■60	●1	●1	●1	●12	●12	●12	●12				P 1
1.2						■60	●1	●1	●1	●10	●10	●10	●10				P 1
1.3						■60	●1	●1	●1	●8	●8	●8	●8				P 2
1.4						■40	●1	●1	●1	●6	●6	●6	●6				P 3
1.5						■30	●1	●1	●1	●5	●5	●5	●5				P 4
1.6																	H 1
1.7	■6		●6														H 3
1.8	●4		■4														H 4
2.1						■25		●1									M 1
2.2						■25		●1									M 3
2.3						■25		●1									M 2
2.4						●25											S 2
3.1	●60	■60		●40	●40		●1	●1	●1	●14	●14	●14	●14	■15	■15	■30	K 1
3.2	●30	■25		●15	●15		●1	●1	●1	●8	●8	●8	●8	■8	■8	■25	K 2
3.3		●38		■25	■25		●1	●1	●1	●12	●12	●12	●12	■15	■15	■35	K 3
3.4		●33		■15	■15		●1	●1	●1					●8	●8	●25	K 4
4.1								●1									S 1
4.2								●1									S 2
4.3								●1									S 3
5.1						■35		●1									S 1
5.2						●15		●1									S 2
5.3								●1									S 3
6.1						●40	●1	●1	●1								N 3
6.2							●1	●1	●1	●16	●16	●16	●16	●20	●20	●30	N 4
6.3						●80	●1	●1	●1	●12	●12	●12	●12				N 3
6.4	●7	●10					●1	●1	●1					●5	●5	●5	N 4
7.1						■70											N 1
7.2						■80	●1	●1	●1	●20	●20	●20	●20				N 1
7.3		●50		■35	■35	■80	●1	●1	●1	●12	●12	●12	●12				N 1
7.4	●60	■40		■30	■30		●1	●1	●1					●15	●15	●20	N 2
8.1																	O
8.2	●50	●25		●25	●25		●1	●1	●1	●8	●8	●8	●8	■10	■10	■15	O
8.3	●30	●15		●15	●15		●1	●1	●1								O
9.1																	H
10.1	●25	■25															O

	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M		
	ISO 529	ISO 529	ISO 529	DIN 357	ISO 2283	ISO 2283	DIN 371410 376312	DIN 371410 376312	DIN 371410 376312	DIN 371410 376312	DIN 371410 376312	DIN 371410 376312	DIN 371410 376312	DIN 371410 376312	DIN 371410 376312	DIN 371410 376312		
	6H	6H	6H	6H	6H	6H	6H	6G	6H	6H	6H	6H	6H	6H	6H	6H		
	HSS	HSS	HSS	HSS-E	HSS-E PM	HSS-E PM	HSS-E PM	HSS-E PM	HSS-E PM	HSS-E PM	HSS-E PM	HSS-E PM	HSS-E PM	HSS-E PM	HSS-E PM	HSS-E PM		
				D18-20 C 2-3	C 2-3	C 2-3	B 3.5-5	B 3.5-5	B 3.5-5	B 3.5-5	B 3.5-5	B 3.5-5	B 3.5-5	B 3.5-5	B 3.5-5	B 3.5-5		
											SHARK LINE	SHARK LINE	SHARK LINE	SHARK LINE	SHARK LINE	SHARK LINE		
	E500	E501	E504	E303	E600	E610	EP006H	EP006G	EP00TIN	EP016H	E297	E255	E256	E240	E241	E471		
	M1 - M56	M3 - M24	M3 - M24	M3 - M20	M3 - M30	M3 - M16	M2 - M30	M3 - M20	M3 - M30	M2 - M30	M3 - M30	M3 - M20	M3 - M20	M3 - M30	M3 - M20	M3 - M20		
AMG	229	229	229	233	234	234	235	235	235	235	237	238	238	239	239	240	ISO	
1.1	●7	●7	●14	●12	●7	●14	■25	■25	■40	■25	■25					●25	P 1	
1.2	●6	●6	●12	●10	●6	●12	■22	■22	■40	■22	■22				●22	●22	P 1	
1.3	●5	●5	●10	●8	●5	●10	■18	■18	■32	■18	■18				●18	●18	P 2	
1.4	●4	●4	●8	●6	●4	●8	■16	■16	■27	■16	●16	■16	■30		●16		P 3	
1.5	●3	●3	●6	●5	●3	●6	■10	■10	■13	■10	●10	●7	■17	●7	●10		P 4	
1.6							●5	●5	●11	●5		●4	●11				H 1	
1.7																		H 3
1.8																		H 4
2.1									■8	●7				■8	■14		M 1	
2.2									■7	●6				■7	■10		M 3	
2.3									●5	●4				■5	■6		M 2	
2.4																	S 2	
3.1	●12	●12	■18	●14	●12	■18	●15	●15	●22	●15							K 1	
3.2	●7	●7	■12	●8	●7	■12	●8	●8	●18	●8							K 2	
3.3	●10	●10	■22	●12	●10	■22	●15	●15	●25	●15							K 3	
3.4	●5	●5	●12		●5	●12	●8	●8	●18	●8							K 4	
4.1							●10	●10	●15								S 1	
4.2							●5	●5	●7			●2	●3				S 2	
4.3																	S 3	
5.1							●12	●12	●18								S 1	
5.2							●5	●5	●8			●2	●3				S 2	
5.3																	S 3	
6.1	●4	●4			●4		■12	■12	■18		■12					●12	N 3	
6.2	●10	●10	●20	●16	●10	●20	●30	●30	●45		●30					■30	N 4	
6.3	●7	●7	●14	●12	●7	●14	■20	■20	■35		■20					■20	N 3	
6.4	●2	●2	●4		●2	●4											N 4	
7.1							■16	■16								■16	N 1	
7.2	●12	●12	●24	●20	●12	●24	■35	■35								■35	N 1	
7.3	●7	●7	●14	●12	●7	●14	■20	■20	■30							■20	N 1	
7.4	●5	●5	●10		●5	●10	■15	■15	■22							●15	N 2	
8.1							●30	●30								■25	O	
8.2	●5	●5	●10	●8	●5	●10			●45								O	
8.3	●3	●3	●6		●3	●6											O	
9.1																	H	
10.1																	O	

	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	
	DIN 371410 376912	ISO 529	ISO 529	ISO 529	ISO 2283	DIN 371	DIN 376	DIN 371	DIN 376	DIN 371	DIN 376	DIN 371	DIN 376	DIN 371410 376912	DIN 371410 376912	DIN 371410 376912	
	6H	6H	6H	6H	6H	6H	6H	6H	6H	6H	6H	6H	6H	6H	6G	6H	
	HSS-E PM	HSS-E PM	HSS-E PM	HSS-E PM	HSS-E PM	HSS-E PM	HSS-E PM	HSS-E PM	HSS-E PM	HSS-E PM	HSS-E PM	HSS-E PM	HSS-E PM	HSS-E PM	HSS-E PM	HSS-E PM	
	B 3.5-5	B 3.5-5	B 3.5-5	B 3.5-5	B 3.5-5	B 3.5-5	B 3.5-5	B 3.5-5	B 3.5-5	C 2-3	C 2-3	C 2-3	C 2-3	C 2-3	C 2-3	C 2-3	
	Super B		TN	ST					TN	TN		TN	TN			TN	
	SHARK LINE																
	E472	E000	E000TIN	E001	E606	E216	E266	E422	E423	E207	E258	E212	E263	EX006H	EX006G	EX00TIN	
	M3 - M20	M1.6 - M24	M3 - M20	M1.6 - M24	M3 - M24	M3 - M10	M12 - M24	M3 - M10	M12 - M24	M2 - M10	M4 - M36	M3 - M10	M12 - M36	M2 - M64	M3 - M20	M3 - M30	
AMG	240	241	241	241	242	243	243	243	243	244	244	244	244	246	246	246	ISO
1.1		■25	■40	■25	●20	●22	●22	●35	●35			●35	●35	■25	■25	■40	P 1
1.2	●40	■22	■40	■22	●18	■20	■20	■35	■35	●20	●20	●35	●35	■22	■22	■40	P 1
1.3	●32	■18	■32	■18	●14	■16	■16	■28	■28	■16	■16	■28	■28	■18	■18	■32	P 2
1.4		■16	■27	■16	●10	■12	■12	■24	■24	■12	■12	■24	■24	■16	■16	■27	P 3
1.5		■10	■13	■10	●5	●7	●7	●10	●10	●7	●7	●10	●10	■10	■10	■13	P 4
1.6		●5	●11	●5	●3												H 1
1.7																	H 3
1.8																	H 4
2.1			■8	●7	●6											■8	M 1
2.2			■7	●6	●4											■7	M 3
2.3			●5	●4	●3											●5	M 2
2.4																	S 2
3.1		●15	●22	●15		●12	●12	●18	●18							●22	K 1
3.2		●8	●18	●8		●7	●7	●15	●15							●18	K 2
3.3		●15	●25	●15		●10	●10	●20	●20							●25	K 3
3.4		●8	●18	●8		●5	●5	●15	●15							●18	K 4
4.1		●10	●15			●15	●15	●27	●27					●10	●10	●15	S 1
4.2		●5	●7									●10	●10	●5	●5	●7	S 2
4.3					●3	●4	●4	●5	●5			●7	●7				S 3
5.1		●12	●18		●10	●12	●12	●20	●20					●12	●12	●18	S 1
5.2		●5	●8		●4	●5	●5	●8	●8					●5	●5	●8	S 2
5.3																	S 3
6.1		■12	■18		●10	●12	●12	●18	●18								N 3
6.2	■45	■30	■45			●30	●30	●45	●45								N 4
6.3	■35	■20	■35		●15	●20	●20	●35	●35								N 3
6.4																	N 4
7.1	●35	■16			●10	●16	●16	●25	●25					■16	■16		N 1
7.2	■45	■35			●25	●35	●35	●45	●45	●30	●30	●35	●35	■35	■35		N 1
7.3	■30	■20	■30		●13	●20	●20	●30	●30	●15	●15	●20	●20	■20	■20	■30	N 1
7.4	■20	■15	■22		●10	●15	●15	●20	●20					■15	■15	■22	N 2
8.1	●30	●30			●20	●25	●25	●30	●30								O
8.2			●45														O
8.3																	O
9.1																	H
10.1																	O

	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	
	DIN 374610 376912	DIN 374610 376912	DIN 374610 376912	DIN 374610 376912	DIN 374610 376912	DIN 374610 376912	DIN 374610 376912	DIN 374610 376912	DIN 374610 376912	DIN 374610 376912	ISO 529	ISO 529	ISO 529	DORMER ISO	ISO 2283	DIN 2174	
	6H	6H	6H	6H	6H	6H	6H	6H	6H	6H	6H	6H	6H	6H	6H	6HX	
	2.5XD	2XD	3XD	2.5XD	2.5XD	2.5XD	2.5XD	3XD	2.5XD	2.5XD	2.5XD	2.5XD	2.5XD	1.5XD	2XD	3XD	
	HSS-E PM	HSS-E PM	HSS-E PM	HSS-E PM	HSS-E PM	HSS-E PM	HSS-E PM	HSS-E PM	HSS-E PM	HSS-E PM	HSS-E PM	HSS-E PM	HSS-E PM	HSS	HSS-E PM	HSS-E	
	C 2-3	C 2-3	C 2-3	C 2-3	C 2-3	C 2-3	C 2-3	C 2-3	C 2-3	C 2-3	C 2-3	C 2-3	C 2-3	C 2-3	C 2-3	C 2-3.5	
	λ 45°	λ 40°	λ 48°	λ 45°	λ 45°	λ 40°	λ 40°	λ 48°	λ 35°	λ 35°	λ 45°	λ 45°	λ 45°	λ 30°	λ 40°		
	ST	Cr	TWIN Top		TWIN Top	ST	Super B	Super B		Super B		TN	ST	ST			
		SHARK LINE	SHARK LINE	SHARK LINE	SHARK LINE	SHARK LINE	SHARK LINE	SHARK LINE	SHARK LINE	SHARK LINE							
	EX016H	E298	E412	E260	E261	E238	E239	E414	E473	E474	E002	E002TIN	E003	E650	E605	E291	
	M2 - M64	M3 - M30	M3 - M30	M3 - M20	M3 - M20	M3 - M30	M3 - M20	M3 - M20	M3 - M20	M3 - M20	M2 - M24	M3 - M20	M2 - M24	M3 - M16	M3 - M20	M1.6 - M16	
			NEW					NEW									
AMG	246	248	249	250	250	251	251	252	253	253	254	254	254	255	256	257	ISO
1.1	■25	■25	■50						●25		■25	■40	■25	●25		■30	P 1
1.2	■22	■22	■50					●22	●22	●40	■22	■40	■22	●22	●18	■27	P 1
1.3	■18	■18	■35					●18	●18	●32	■18	■32	■18	●18	●14	■23	P 2
1.4	■16	●16	■30	■16	■35			●16	●27		■16	■27	■16	●15	●10	■20	P 3
1.5	■10	●10	■16	●7	■20	●7		●10	●13		■10	■13	■10		●5		P 4
1.6				●4	●11												H 1
1.7																	H 3
1.8																	H 4
2.1	■7		●14			■8	■14	■16				■8	●7		●6		M 1
2.2	■6		●10			■7	■10	■12				■7	●6		●4		M 3
2.3	●4		●6			■5	■6	■8				●5	●4		●3		M 2
2.4								■6									S 2
3.1												●22					K 1
3.2												●18		●8			K 2
3.3												●25					K 3
3.4												●18					K 4
4.1											●10	●15					S 1
4.2				●2	●3						●5	●7					S 2
4.3																	S 3
5.1											●12	●18					S 1
5.2				●2	●3						●5	●8			●4		S 2
5.3																	S 3
6.1		■12						●12									N 3
6.2		●30						■30	■45					●30			N 4
6.3		■20						■20	●35					●20			N 3
6.4																	N 4
7.1			●16					■16	●35	■16			●18	●10	■26		N 1
7.2			●16					■35	■45	■35			●35	●25	■38		N 1
7.3			●35					■20	■30	■20	■30			●13	●22		N 1
7.4			●35					●15	■20	■15	■22			●10			N 2
8.1								■25	●30				●30				O
8.2																	O
8.3																	O
9.1																	H
10.1																	O












	M	M	M	M	M	M	MF	MF	MF	MF	MF	MF	MF	MF		
	DIN 2174	DIN 2174	DIN 2174	DIN 2174	DIN 2174	DIN 2174	DIN 2181	DIN 374	DIN 371	DIN 374	ISO 529	DIN 374	DIN 374	DIN 374		
	6HX	6HX	6HX	6HX	6GX	6GX	6H	6H	6H	6H	6H	6H	6H	6H		
	3XD	3.5XD	3.5XD	3XD	3XD	3XD	1.5XD	1.5XD	1.5XD	1.5XD	1.5XD	2.5XD	2.5XD	2.5XD		
	HSS-E	HSS-E	HSS-E	HSS-E	HSS-E	HSS-E	HSS	HSS-E PM	HSS-E PM	HSS-E PM	HSS	HSS-E PM	HSS-E PM	HSS-E PM		
	C 2-3.5	C 2-3.5	C 2-3.5	E 1.5-2	C 2-3.5	E 1.5-2	C 2-3	C 2-3	C 2-3	C 2-3		B 3.5-5	B 3.5-5	B 3.5-5		
	TN	TN	TN	TN	TN	TN						TN	BT	Co		
	E292	E294	E289	E293	E295	E296	E105	E268	E242	E290	E513	EP10	EP10TIN	EP11	E299	
	M1.6 - M16	M3 - M16	M5 - M12	M3 - M16	M3 - M12	M3 - M10	M2.5 - M50	M4 - M50	M8 - M10	M12 - M24	M3 - M50	M4 - M30	M8 - M20	M4 - M30	M4 - M30	
			NEW	NEW												
AMG	257	257	257	258	259	259	260	263	263	263	265	269	269	269	271	ISO
1.1	■55	■55	■55	■55	■55	■55	●1	●12	●12	●12	●7	■25	■40	■25	■25	P 1
1.2	■50	■50	■50	■50	■50	■50	●1	●10	●10	●10	●6	■22	■40	■22	■22	P 1
1.3	■45	■45	■45	■45	■45	■45	●1	●8	●8	●8	●5	■18	■32	■18	■18	P 2
1.4	■40	■40	■40	■40	■40	■40	●1	●6	●6	●6	●4	■16	■27	■16	●16	P 3
1.5	●20	●20	●20	●20	●20	●20	●1	●5	●5	●5	●3	■10	■13	■10	●10	P 4
1.6												●5	●11	●5		H 1
1.7																H 3
1.8																H 4
2.1	■18	■18	■18	■18	■18	■18						■8	●7			M 1
2.2	■15	■15	■15	■15	■15	■15						■7	●6			M 3
2.3	●10	●10	●10	●10	●10	●10						●5	●4			M 2
2.4																S 2
3.1							●1	●14	●14	●14	●12	●15	●22	●15		K 1
3.2							●1	●8	●8	●8	●7	●8	●18	●8		K 2
3.3							●1	●12	●12	●12	●10	●15	●25	●15		K 3
3.4							●1				●5	●8	●18	●8		K 4
4.1	■35	■35	■35	■35	■35	■35						●10	●15			S 1
4.2												●5	●7			S 2
4.3																S 3
5.1	■20	■20	■20	■20	■20	■20						●12	●18			S 1
5.2	●8	●8	●8	●8	●8	●8						●5	●8			S 2
5.3																S 3
6.1	●25	●25	●25	●25	●25	●25	●1				●4	■12	■18		■12	N 3
6.2							●1	●16	●16	●16	●10	■30	■45		●30	N 4
6.3	●40	●40	●40	●40	●40	●40	●1	●12	●12	●12	●7	■20	■35		■20	N 3
6.4							●1				●2					N 4
7.1	■55	■55	■55	■55	■55	■55						■16				N 1
7.2	■55	■55	■55	■55	■55	■55	●1	●20	●20	●20	●12	■35				N 1
7.3	■40	■40	■40	■40	■40	■40	●1	●12	●12	●12	●7	■20	■30			N 1
7.4	●25	●25	●25	●25	●25	●25	●1				●5	■15	■22			N 2
8.1												●30				O
8.2							●1	●8	●8	●8	●5		●45			O
8.3							●1				●3					O
9.1																H
10.1																O

	MF	MF	MF	MF	MF	MF	MF	MF	MF	UNC	UNC	UNC	UNC	UNC	UNC	UNC	UNC	
	DIN 374	ISO 529	DIN 374	DIN 374	DIN 374	DIN 374	DIN 374	ISO 529	DIN 2174	DIN 352	DIN 371	DIN 376	ISO 529	DIN 2184-1	DIN 2184-1	ISO 529	DIN 2184-1	
	6H	6H	6H	6H	6H	6H	6H	6H	6HX	2B	2B	2B	2B	2B	2B	2B	2B	
	2.5XD	2.5XD	2.5XD	2.5XD	2.5XD	2XD	2XD	2.5XD	3XD	1.5XD	1.5XD	1.5XD	1.5XD	2.5XD	2.5XD	2.5XD	2.5XD	
	HSS-E PM	HSS-E PM	HSS-E PM	HSS-E PM	HSS-E PM	HSS-E PM	HSS-E PM	HSS-E PM	HSS-E	HSS	HSS-E PM	HSS-E PM	HSS	HSS-E PM	HSS-E PM	HSS-E PM	HSS-E PM	
	B 3.5-5	B 3.5-5	C 2-3	C 2-3	C 2-3	C 2-3	C 2-3	C 2-3	C 2-3.5	C 2-3	C 2-3	C 2-3		B 3.5-5	B 3.5-5	B 3.5-5	C 2-3	
			$\lambda 45^\circ$	$\lambda 45^\circ$	$\lambda 45^\circ$	$\lambda 40^\circ$	$\lambda 40^\circ$	$\lambda 45^\circ$									$\lambda 45^\circ$	
	ST	ST		TN	ST	C	ST	ST	TN							ST	ST	
	SHARK LINE					SHARK LINE	SHARK LINE											
	E384	E011	EX10	EX10TIN	EX11	E300	E383	E013	E288	E108	E225	E275	E515	EP20	EP21	E021	EX20	
	M6 - M20	M4 - M24	M4 - M30	M8 - M20	M4 - M30	M4 - M30	M6 - M20	M4 - M22	M5 - M12	No.5 - 1"	No.2 - 1/4	5/16 - 1.1/2	No.1 - 2"	No.4 - 1"	No.4 - 1"	No.2 - 1"	No.4 - 1"	
									NEW									
AMG	272	273	274	274	274	276	277	278	279	280	281	281	282	284	284	285	286	ISO
1.1		■25	■25	■40	■25	■25		■25	■55	●1	●12	●12	●7	■25	■25	■25	■25	P 1
1.2		■22	■22	■40	■22	■22		■22	■50	●1	●10	●10	●6	■22	■22	■22	■22	P 1
1.3		■18	■18	■32	■18	■18		■18	■45	●1	●8	●8	●5	■18	■18	■18	■18	P 2
1.4		■16	■16	■27	■16	●16		■16	■40	●1	●6	●6	●4	■16	■16	■16	■16	P 3
1.5	●7	■10	■10	■13	■10	●10	●7	■10	●20	●1	●5	●5	●3	■10	■10	■10	■10	P 4
1.6		●5												●5	●5	●5		H 1
1.7																		H 3
1.8																		H 4
2.1	■8	●7		■8	■7		■8	●7	■18						●7	●7		M 1
2.2	■7	●6		■7	■6		■7	●6	■15						●6	●6		M 3
2.3	■5	●4		●5	●4		■5	●4	●10						●4	●4		M 2
2.4																		S 2
3.1		●15		●22						●1	●14	●14	●12	●15	●15	●15		K 1
3.2		●8		●18						●1	●8	●8	●7	●8	●8	●8		K 2
3.3		●15		●25						●1	●12	●12	●10	●15	●15	●15		K 3
3.4		●8		●18						●1			●5	●8	●8	●8		K 4
4.1			●10	●15					■35					●10	●10		●10	S 1
4.2			●5	●7										●5	●5		●5	S 2
4.3																		S 3
5.1			●12	●18					■20					●12	●12		●12	S 1
5.2			●5	●8					●8					●5	●5		●5	S 2
5.3																		S 3
6.1						■12			●25	●1			●4	■12				N 3
6.2						●30				●1	●16	●16	●10	■30				N 4
6.3						■20			●40	●1	●12	●12	●7	■20				N 3
6.4										●1			●2					N 4
7.1			■16							■55				■16			■16	N 1
7.2			■35							■55	●1	●20	●20	●12	■35		■35	N 1
7.3			■20	■30					■40	●1	●12	●12	●7	■20			■20	N 1
7.4			■15	■22					●25	●1			●5	■15			■15	N 2
8.1														●30				O
8.2										●1	●8	●8	●5					O
8.3										●1			●3					O
9.1																		H
10.1																		O

	UNC	UNC	UNC	UNC	UNF	UNF	UNF	UNF	UNF	UNF	UNF	UNF	UNF	UNF	UNF	UN	BSW			
	DIN 2184-1	ISO 529	DORMER DIN	DIN 2184-1	DIN 2181	DIN 371	DIN 374	ISO 529	DIN 2184-1	DIN 2184-1	ISO 529	DIN 2184-1	DIN 2184-1	ISO 529	DORMER DIN	DIN 2184-1	ISO 529	DIN 351		
	2B	2B	2B	2BX	2B	2B	2B	2B	2B	2B	2B	2B	2B	2B	Medium	2BX	2B	Medium		
	HSS-E PM	HSS-E PM	HSS	HSS-E	HSS	HSS-E PM	HSS-E PM	HSS	HSS-E PM	HSS-E PM	HSS-E PM	HSS-E PM	HSS-E PM	HSS-E PM	HSS	HSS-E	HSS	HSS		
	C 2-3	C 2-3	C 2-3	C 2-3.5	C 2-3	C 2-3	C 2-3		C 2-3	C 2-3	B 3.5-5	C 2-3	C 2-3	C 2-3	C 2-3	C 2-3.5	C 2-3	C 2-3		
	EX21	E023	E651	E287	E111	E229	E278	E524	EP30	EP31	E031	EX30	EX31	E033	E654	E286	E570	E115		
	No.4 - 1"	No.2 - 1"	No.6 - 5/8"	No.4 - 1/2"	No.5 - 1"	No.2 - 1/4"	5/16 - 1.1/2"	No.0 - 1.1/2"	No.8 - 1"	No.8 - 1"	No.8 - 1"	No.8 - 1"	No.8 - 1"	No.8 - 1"	No.8 - 5/8"	No.4 - 1/2"	1/4 - 1.5/16"	1/8 - 1"		
			NEW												NEW					
AMG	286	287	288	289	290	291	291	292	294	294	295	296	296	297	298	299	300	301	ISO	
1.1	■25	■25	●25	■55	●1	●12	●12	●7	■25	■25	■25	■25	■25	■25	■25	●25	■55	●7	●1	P 1
1.2	■22	■22	●22	■50	●1	●10	●10	●6	■22	■22	■22	■22	■22	■22	■22	●22	■50	●6	●1	P 1
1.3	■18	■18	●18	■45	●1	●8	●8	●5	■18	■18	■18	■18	■18	■18	■18	●18	■45	●5	●1	P 2
1.4	■16	■16	●15	■40	●1	●6	●6	●4	■16	■16	■16	■16	■16	■16	■16	●15	■40	●4	●1	P 3
1.5	■10	■10		●20	●1	●5	●5	●3	■10	■10	■10	■10	■10	■10	■10		●20	●3	●1	P 4
1.6								●5	●5	●5					●5					H 1
1.7																				H 3
1.8																				H 4
2.1	■7	●7		■18					●7	●7			■7	●7			■18			M 1
2.2	■6	●6		■15					●6	●6			■6	●6			■15			M 3
2.3	●4	●4		●10					●4	●4			●4	●4			●10			M 2
2.4																				S 2
3.1					●1	●14	●14	●12	●15	●15	●15							●12	●1	K 1
3.2			●8		●1	●8	●8	●7	●8	●8	●8				●8			●7	●1	K 2
3.3					●1	●12	●12	●10	●15	●15	●15							●10	●1	K 3
3.4					●1			●5	●8	●8	●8							●5	●1	K 4
4.1				■35					●10			●10					■35			S 1
4.2								●5				●5								S 2
4.3																				S 3
5.1				■20				●12				●12					■20			S 1
5.2				●8				●5				●5					●8			S 2
5.3																				S 3
6.1				●25	●1			●4	■12							●25	●4	●1		N 3
6.2			●30		●1	●16	●16	●10	●30						●30		●10	●1		N 4
6.3			●20	●40	●1	●12	●12	●7	■20					●20	●40	●7	●1			N 3
6.4				●1				●2									●2	●1		N 4
7.1		●18	■55		●1				■16			■16			●18	■55				N 1
7.2		●35	■55	●1	●20	●20	●12	■35				■35		●35	■55	●12	●1			N 1
7.3			■40	●1	●12	●12	●7	■20				■20			■40	●7	●1			N 1
7.4			●25	●1			●5	■15				■15			●25	●5	●1			N 2
8.1		●30						●30							●30					O
8.2					●1	●8	●8	●5									●5	●1		O
8.3					●1			●3									●3	●1		O
9.1																				H
10.1																				O

	BSW	BSW	BSW	BSF	BSF	BSF	BA	BA	BA	G	G	G	G	G	G	G	
	ISO 529	ISO 529	ISO 529	ISO 529	ISO 529	ISO 529	ISO 529	ISO 529	ISO 529	DIN 5157	DIN 5156	ISO 2284	DIN 5156	DIN 5156	DORMER ISO	DIN 5156	
	Medium	Medium	Medium	Medium	Medium	Medium	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	
	1.5XD	2.5XD	2XD	1.5XD	2.5XD	2XD	1.5XD	2.5XD	2XD	1.5XD	1.5XD	1.5XD	2.5XD	2.5XD	2.5XD	2.5XD	
	HSS	HSS	HSS	HSS	HSS	HSS	HSS	HSS	HSS	HSS	HSS-E PM	HSS	HSS-E PM	HSS-E PM	HSS-E PM	HSS-E PM	
		B 3.5-5	C 2-3		B 3.5-5	C 2-3		B 3.5-5	C 2-3	C 2-3	C 2-3		B 3.5-5	B 3.5-5	B 3.5-5	C 2-3	
			λ40°			λ40°			λ40°							λ45°	
		ST	ST		ST	ST		ST	ST					ST	ST		
	E531	E534	E533	E536	E539	E538	E542	E545	E544	E119	E282	E547	EP40	EP41	E041	EX40	
	1/8 - 1"	1/8 - 3/4	1/8 - 3/4	3/16 - 1"	1/4 - 1/2	1/4 - 1/2	No.10 - No.0	No.10 - No.2	No.8 - No.2	1/8 - 3"	1/8 - 1.1/2	1/8 - 2"	1/8 - 1"	1/8 - 1"	1/8 - 3/4	1/8 - 1.1/2	
AMG	302	304	305	306	307	308	309	310	311	312	313	314	315	315	316	317	ISO
1.1	●7	■20		●22	■20		●7	■20		●1	●12	●7	■25	■25	■25	■25	P 1
1.2	●6	■18	■18	●20	■18	■18	●6	■18	■18	●1	●10	●6	■22	■22	■22	■22	P 1
1.3	●5	■14	■14	●16	■14	■14	●5	■14	■14	●1	●8	●5	■18	■18	■18	■18	P 2
1.4	●4	■10	■10	●12	■10	■10	●4	■10	■10	●1	●6	●4	■16	■16	■16	■16	P 3
1.5	●3	●5	●5	●7	●5	●5	●3	●5	●5	●1	●5	●3	■10	■10	■10	■10	P 4
1.6		●3		●4	●3			●3					●5	●5	●5		H 1
1.7																	H 3
1.8																	H 4
2.1		■6	■6	●7	■6	■6		●6	■6					●7	●7		M 1
2.2		■4	■4	●5	■4	■4		●4	■4					●6	●6		M 3
2.3		■3	■3	●7	■3	■3		●3	■3					●4	●4		M 2
2.4																	S 2
3.1	●12			●12			●12			●1	●14	●12	●15	●15	●15		K 1
3.2	●7			●7			●7			●1	●8	●7	●8	●8	●8		K 2
3.3	●10			●10			●10			●1	●12	●10	●15	●15	●15		K 3
3.4	●5			●5			●5			●1		●5	●8	●8	●8		K 4
4.1													●10			●10	S 1
4.2													●5			●5	S 2
4.3		●3			●3			●3									S 3
5.1		●10			●10			●10					●12			●12	S 1
5.2		●4	●4		●4	●4		●4	●4				●5			●5	S 2
5.3																	S 3
6.1	●4	●10		■12	●10		●4	●10		●1		●4	■12				N 3
6.2	●10			●30			●10			●1	●16	●10	●30				N 4
6.3	●7	●15		●20	●15		●7	●15		●1	●12	●7	■20				N 3
6.4	●2			●4			●2			●1		●2					N 4
7.1		●10	●10		●10	●10		●10	●10				■16			■16	N 1
7.2	●12	●25	●25	●35	●25	●25	●12	●25	●25	●1	●20	●12	■35			■35	N 1
7.3	●7	●13	●13	●20	●13	●13	●7	●13	●13	●1	●12	●7	■20			■20	N 1
7.4	●5	●10	●10	●15	●10	●10	●5	●10	●10	●1		●5	■15			■15	N 2
8.1		●20			●20			●20					●30			●30	O
8.2	●5			●12			●5			●1	●8	●5					O
8.3	●3			●7			●3			●1		●3					O
9.1																	H
10.1																	O

	G	G	G	EGM	EGM	Rc	NPT	NPT	NPT	NPT	NPT	NPTF	NPSF	NPSF	NPSM	PG	
	DIN 5156	DIN 5156	DORMER ISO	DORMER ISO	DORMER ISO	ISO 2284	DORMER ANSI	ANSI B94.9	ANSI B94.9	ANSI B94.9	ANSI	ANSI B94.9	ANSI B94.9	ANSI B94.9	ANSI B94.9	DIN 40432	
	Normal	Normal	Normal	6H	6H	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	
	2.5XD	2XD	2.5XD	1.5XD	2XD	1.5XD	1.5XD	1.5XD	1.5XD	1.5XD	1.5XD	1.5XD	1.5XD	1.5XD	1.5XD	1.5XD	
	HSS-E PM	HSS-E PM	HSS-E PM	HSS	HSS	HSS	HSS-E PM	HSS	HSS	HSS	HSS	HSS	HSS	HSS	HSS	HSS	
	C 2-3	C 2-3	C 2-3	C 2-3	C 2-3	C 2-3	C 2-3	C 2-3	C 2-3	C 2-3		C 2-3	C 2-3	C 2-3	C 2-3		
	λ45°	λ40°	λ45°		λ40°						λ27°						
	ST	ST	ST														
		SHARK LINE															
	EX41	E382	E043	E620	E621	E550	E714	E710	E721	E711	E653	E712	E709	E720	E708	E243	
	1/8 - 1.1/2	1/8 - 1"	1/8 - 3/4	M3 - M16	M3 - M16	1/8 - 2"	1/8 - 1"	1/16 - 2"	1/8 - 1"	1/8 - 1.1/2	1/8 - 1"	1/16 - 1.1/4	1/8 - 3/4	1/8 - 3/4	1/8 - 1"	No.7 - No.36	
AMG	317	318	319	320	321	322	323	324	324	325	326	327	328	328	329	330	ISO
1.1	■25		■25	●7		●22	●4	●4	●4	●4	●25	●4	●4	●4	●4	●12	P 1
1.2	■22		■22	●6	●18	●20	●4	●4	●4	●4	●22	●4	●4	●4	●4	●10	P 1
1.3	■18		■18	●5	●14	●16	■6	■6	■6	■6	●18	■6	■6	■6	■6	●8	P 2
1.4	■16		■16	●4	●10	●12	■5	■5	■5	■5	●15	■5	■5	■5	■5	●6	P 3
1.5	■10	●7	■10	●3	●5	●7	●3	●3	●3	●3		●3	●3	●3	●3	●5	P 4
1.6			●5			●4											H 1
1.7																	H 3
1.8																	H 4
2.1	■7	■8	●7		●6	●7											M 1
2.2	■6	■7	●6		●4	●5											M 3
2.3	●4	■5	●4		●3	●7											M 2
2.4																	S 2
3.1				●12		■12	●6	●6	■6	●6		●6	●6	■6	●6	●14	K 1
3.2				●7		■7	●4	●4	■4	●4	●8	●4	●4	■4	●4	●8	K 2
3.3				●10		■10	●6	●6	■6	●6		●6	●6	■6	●6	●12	K 3
3.4				●5		■5	●4	●4	■4	●4		●4	●4	■4	●4		K 4
4.1																	S 1
4.2																	S 2
4.3																	S 3
5.1																	S 1
5.2					●4												S 2
5.3																	S 3
6.1			●4			■12											N 3
6.2			●10			●30	●11	●11	●11	●11	●30	●11	●11	●11	●11	●16	N 4
6.3			●7			●20					●20					●12	N 3
6.4			●2			●4											N 4
7.1				●10							●18						N 1
7.2				●12	●25	●35					●35					●20	N 1
7.3				●7	●13	●20	●11	●11	●11	●11		●11	●11	●11	●11	●12	N 1
7.4				●5	●10	●15	●7	●7	●7	●7		●7	●7	●7	●7		N 2
8.1							●4	●4	●4	●4	●30	●4	●4	●4	●4		O
8.2				●5		●12										●8	O
8.3				●3		●7											O
9.1																	H
10.1																	O

												ISO
	L119	L126	L113	L114	L115	L000	L001	L002	L120	L110	L112	
	Set	Set	Set	Set	Set	Set	Set	Set	Set	16.00 - 4"	BT1 - No.7	
						NEW	NEW	NEW			NEW	
AMG	331	332	333	334	335	336	337	338	339	342	343	ISO
1.1												P1
1.2												P1
1.3												P2
1.4												P3
1.5												P4
1.6												H1
1.7												H3
1.8												H4
2.1												M1
2.2												M3
2.3												M2
2.4												S2
3.1												K1
3.2												K2
3.3												K3
3.4												K4
4.1												S1
4.2												S2
4.3												S3
5.1												S1
5.2												S2
5.3												S3
6.1												N3
6.2												N4
6.3												N3
6.4												N4
7.1												N1
7.2												N1
7.3												N1
7.4												N2
8.1												O
8.2												O
8.3												O
9.1												H
10.1												O

NO1 - NO9

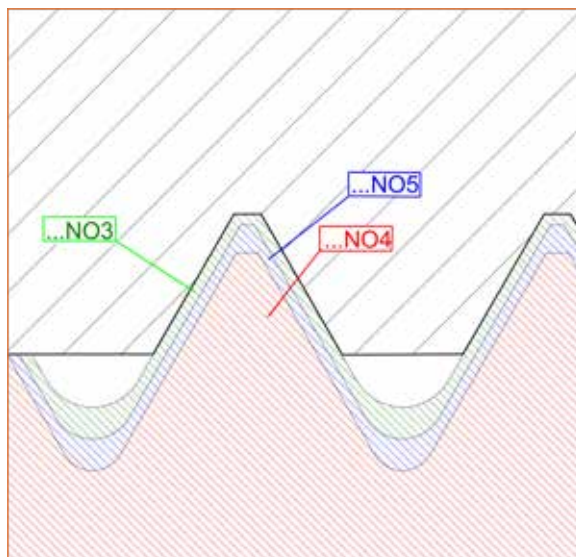
NO1 =		A 6-8	
NO2 =		B 4-6	
NO3 =		C 2-3	

ISO
 NO6 = NO1 + NO2 + NO3
 NO7 = NO2 + NO3 *

ANSI NO6 = NO1 (taper) + NO2 (plug) + NO3 (bottoming)

NO4 =		A 6-8	
NO5 =		B 3.5-5	

DIN
 ISO
 NO8 = NO3 + NO4 + NO5
 NO9 = NO3 + NO4



* E550
 E710 NO7 = NO3 (truncated) + NO3