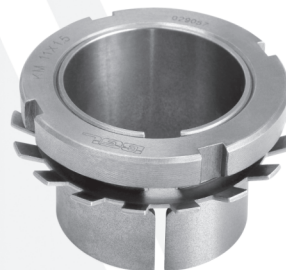


ADAPTER SLEEVES

H, HE, HA, HS

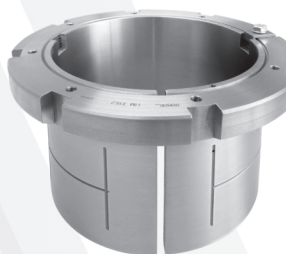
ADAPTER SLEEVES H, HE, HA, HS



ADAPTER SLEEVES H, HE, HA, HS

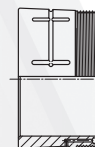
Adapter sleeves are the most commonly used components for locating bearings with a tapered bore onto a cylindrical seat as they can be used on plain or stepped shafts (maximum tolerance h10). The set contains 3 (three) parts: A sleeve, a nut and a lock washer or MS locking clip. These are always provided as a full set.

Material: BGL Nodular (Ductile) with characteristics exceeding the DIN 1563 standard class GJS 500-7 (former GGG50). Optionally in carbon or stainless steel.



HYDRAULIC ADAPTER SLEEVES

With the same measurements of the standard sleeves, these are recommended for medium and large-sized applications as they are provided with internal and external grooves and ducts for oil injection, making the mounting and specially dismounting process much easier and quicker. Available for shafts from 140 mm.



Usual: **OH ...H** = Hydraulic Adapter Sleeve with oil grooves on the external side and the oil injection duct on the thread side (more common). PN example: OH 3144H.



Optional: **OH ...HB** = Hydraulic Adapter Sleeve with oil grooves on the internal and external side and the oil injection duct on the thread side. PN example: OH 3144HB.



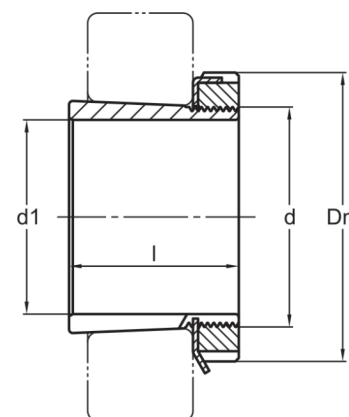
Optional: **OH ...** = Hydraulic Adapter Sleeve with oil grooves on the external side and the oil injection duct on the opposite side of the thread. PN example: OH 3144.



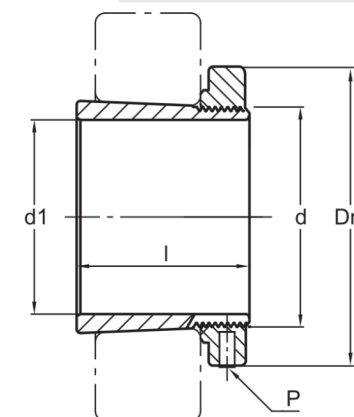
Optional: **OH ...B** = Hydraulic Adapter Sleeve with oil grooves on the internal and external side and the oil injection duct on the opposite side of the thread. PN example: OH 3144B.

ADAPTER SLEEVES

H - For Shafts in mm



ADAPTER SLEEVES H

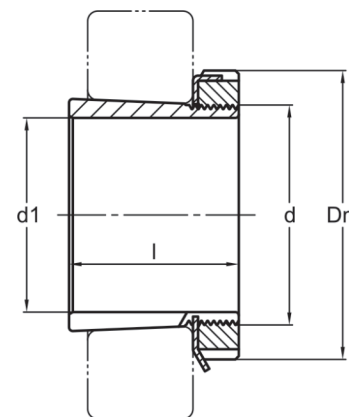


ADAPTER SLEEVES H...E WITH KMFE LOCK NUT

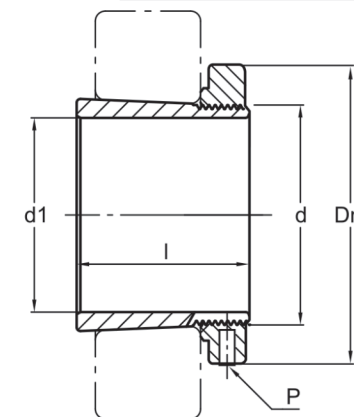
											HYDRAULIC			ASSEMBLY AND WITHDRAWAL TOOL									
Product	Hydraulic Part Number	d1 (mm)	d (mm)	Thread (mm)	l (mm)	Dm (mm)	P	Assembly Nut	Lockwasher / Locking Devices	Weight (Kg)	A	G1	Extension Tube	Hook Spanner	Hydraulic Nut	Hydraulic Pump	Bearings						
H 204		17	20	M 20x1	24	32		KM 4	MB 4	0.04				HN 4			1204K						
H 304		17	20	M 20x1	28	32		KM 4	MB 4	0.05				HN 4			1304K	2204K					
H 304 E		17	20	M 20x1	28	32	M5	KMFE 4		0.05				HN 4									
H 2304		17	20	M 20x1	31	32		KM 4	MB 4	0.05				HN 4			2304K						
H 205		20	25	M 25x1,5	26	38		KM 5	MB 5	0.07				HN 5			1205K	20205K					
H 305		20	25	M 25x1,5	29	38		KM 5	MB 5	0.07				HN 5			1305K	20305K	2205K	22205K			
H 305 E		20	25	M 25x1,5	29	38	M5	KMFE 5		0.08				HN 5				C2205K	2205-2RSK				
H 2305		20	25	M 25x1,5	35	38		KM 5	MB 5	0.08				HN 5			2305K	UK205	UK305	2305-2RSK	YSA 205-2FK		
H 206		25	30	M 30x1,5	27	45		KM 6	MB 6	0.09				HN 6			1206K	20206K					
H 306		25	30	M 30x1,5	31	45		KM 6	MB 6	0.09				HN 6			1306K	20306K	2206K	21306K	22206K		
H 306 E		25	30	M 30x1,5	31	45	M5	KMFE 6		0.09				HN 6				C2206K		2206-2RSK			
H 2306		25	30	M 30x1,5	38	45		KM 6	MB 6	0.11				HN 6			2306K	UK206	UK306	2306-2RSK	YSA 206-2FK		
H 207		30	35	M 35x1,5	29	52		KM 7	MB 7	0.12				HN 7			1207K	20207K					
H 307		30	35	M 35x1,5	35	52		KM 7	MB 7	0.13				HN 7			1307K	20307K	2207K	21307K	22207K		
H 307 E		30	35	M 35x1,5	35	52	M5	KMFE 7		0.13				HN 7				C2207K		2207-2RSK			
H 2307		30	35	M 35x1,5	43	52		KM 7	MB 7	0.15				HN 7			2307K	UK207	UK307		YSA 207-2FK		
H 208		35	40	M 40x1,5	31	58		KM 8	MB 8	0.15				HN 8			1208K	20208K					
H 308		35	40	M 40x1,5	36	58		KM 8	MB 8	0.17				HN 8			1308K	20308K	2208K	21308K	22208K		
H 308 E		35	40	M 40x1,5	36	58	M6	KMFE 8		0.19				HN 8				C2208K		2208-2RSK			
H 2308		35	40	M 40x1,5	46	58		KM 8	MB 8	0.20				HN 8			22308K	2308K	UK208	UK308	2308-2RSK	YSA 208-2FK	
H 2308 E		35	40	M 40x1,5	46	58	M6	KMFE 8		0.24				HN 8						BS2-2208-2CSK			
H 209		40	45	M 45x1,5	33	65		KM 9	MB 9	0.20				HN 9			1209K	20209K					
H 309		40	45	M 45x1,5	39	65		KM 9	MB 9	0.22				HN 9			1309K	20309K	21309K	2209K	E2.22209K	22209K	
H 309 E		40	45	M 45x1,5	39	65	M6	KMFE 9		0.24				HN 9				C2209K		2209-2RSK	BS2-2209-2CSK		
H 2309		40	45	M 45x1,5	50	65		KM 9	MB 9	0.27				HN 9			22309K	2309K	UK209	UK309	2309-2RSK	YSA 209-2FK	
H 210		45	50	M 50x1,5	35	70		KM 10	MB 10	0.24				HN 10	HMV 10E	BH 100-0,7 / BH 160 / BH 160-4.8	1210K	20210K					
H 310		45	50	M 50x1,5	42	70		KM 10	MB 10	0.26				HN 10	HMV 10E	BH 100-0,7 / BH 160 / BH 160-4.8	1310K	20310K	21310K	2210K	E2.22210K	22210K	
H 310 E		45	50	M 50x1,5	42	70	M6	KMFE 10		0.29				HN 10	HMV 10E	BH 100-0,7 / BH 160 / BH 160-4.8	C2210K		2210-2RSK	BS2-2210-2CSK			
H 2310		45	50	M 50x1,5	55	70		KM 10	MB 10	0.32				HN 10	HMV 10E	BH 100-0,7 / BH 160 / BH 160-4.8	22310K	2310K	UK210	UK310	2310-2RSK	YSA 210-2FK	
H 211		50	55	M 55x1,5	37	75		KM 11X1.5	MB 11	0.27				HN 11	HMV 11x1.5E	BH 100-0,7 / BH 160 / BH 160-4.8	1211K	20211K					
H 311		50	55	M 55x1,5	45	75		KM 11X1.5	MB 11	0.31				HN 11	HMV 11x1.5E	BH 100-0,7 / BH 160 / BH 160-4.8	1311K	20311K	21311K	2211K		22211K	
H 311 E		50	55	M 55x1,5	45	75	M6	KMFE 11X1.5		0.31				HN 11	HMV 11x1.5E	BH 100-0,7 / BH 160 / BH 160-4.8	C2211K		2211-2RSK	BS2-2211-2CSK			
H 2311		50	55	M 55x1,5	59	75		KM 11X1.5	MB 11	0.38				HN 11	HMV 11x1.5E	BH 100-0,7 / BH 160 / BH 160-4.8	22311K	2311K	UK211	UK311		YSA 211-2FK	

ADAPTER SLEEVES

H - For Shafts in mm



ADAPTER SLEEVES H

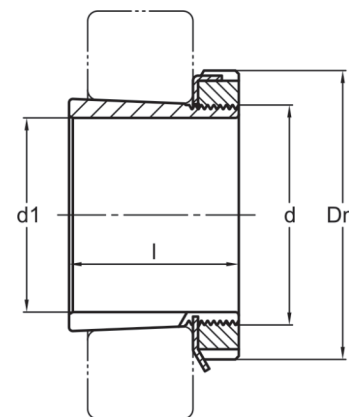


ADAPTER SLEEVES H...E WITH KMFE LOCK NUT

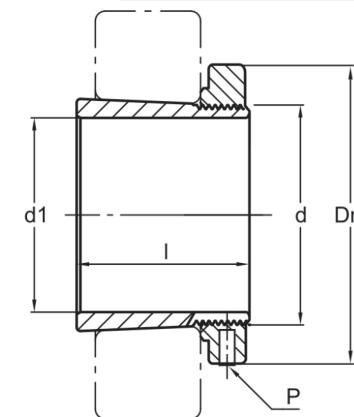
											HYDRAULIC			ASSEMBLY AND WITHDRAWAL TOOL									
Product	Hydraulic Part Number	d1 (mm)	d (mm)	Thread (mm)	l (mm)	Dm (mm)	P	Assembly Nut	Lockwasher / Locking Devices	Weight (Kg)	A	G1	Extension Tube	Hook Spanner	Hydraulic Nut	Hydraulic Pump	Bearings						
H 212		55	60	M 60x1,5	38	80		KM 12X1.5	MB 12	0.30				HN 12	HMV 12x1.5E	BH 100-0,7 / BH 160 / BH 160-4.8	1212K	20212K					
H 312		55	60	M 60x1,5	47	80		KM 12X1.5	MB 12	0.35				HN 12	HMV 12x1.5E	BH 100-0,7 / BH 160 / BH 160-4.8	1312K	20312K	21312K	E2.22212K	2212K	22212K	
H 312 E		55	60	M 60x1,5	47	80	M6	KMFE 12X1.5		0.37				HN 12	HMV 12x1.5E	BH 100-0,7 / BH 160 / BH 160-4.8	C2212K			2212-2RSK	BS2-2212-2CSK		
H 2312		55	60	M 60x1,5	62	80		KM 12X1.5	MB 12	0.43				HN 12	HMV 12x1.5E	BH 100-0,7 / BH 160 / BH 160-4.8	22312K	2312K	UK212	UK312		YSA 212-2FK	
H 213		60	65	M 65x1,5	40	85		KM 13X1.5	MB 13	0.35				HN 13	HMV 13x1.5E	BH 100-0,7 / BH 160 / BH 160-4.8	1213K	20213K					
H 313		60	65	M 65x1,5	50	85		KM 13X1.5	MB 13	0.40				HN 13	HMV 13x1.5E	BH 100-0,7 / BH 160 / BH 160-4.8	1313K	20313K	21313K	E2.22213K		22213K	
H 313 E		60	65	M 65x1,5	50	85	M6	KMFE 13X1.5		0.44				HN 13	HMV 13x1.5E	BH 100-0,7 / BH 160 / BH 160-4.8	C2213K			2213-2RSK			
H 2313		60	65	M 65x1,5	65	85		KM 13X1.5	MB 13	0.50				HN 13	HMV 13x1.5E	BH 100-0,7 / BH 160 / BH 160-4.8	22313K	2313K	UK213	UK313		YSA 213-2FK	
H 2313 E		60	65	M 65x1,5	65	85	M6	KMFE 13X1.5		0.53				HN 13	HMV 13x1.5E	BH 100-0,7 / BH 160 / BH 160-4.8					BS2-2213-2CSK		
H 214		60	70	M 70x2	41	92		KM 14	MB 14	0.54				HN 14	HMV 14E	BH 100-0,7 / BH 160 / BH 160-4.8	1214K	20214K					
H 314		60	70	M 70x2	52	92		KM 14	MB 14	0.64				HN 14	HMV 14E	BH 100-0,7 / BH 160 / BH 160-4.8	1314K	20314K	21314K			22214K	
H 314 E		60	70	M 70x2	52	92	M6	KMFE 14		0.64				HN 14	HMV 14E	BH 100-0,7 / BH 160 / BH 160-4.8	C2214K				BS2-2214-2CSK		
H 2314		60	70	M 70x2	68	92		KM 14	MB 14	0.81				HN 14	HMV 14E	BH 100-0,7 / BH 160 / BH 160-4.8	22314K	2314K	C2314K				
H 215		65	75	M 75x2	43	98		KM 15	MB 15	0.63				HN 15	HMV 15E	BH 100-0,7 / BH 160 / BH 160-4.8	1215K	20215K	2215K				
H 315		65	75	M 75x2	55	98		KM 15	MB 15	0.74				HN 15	HMV 15E	BH 100-0,7 / BH 160 / BH 160-4.8	1315K	20315K	21315K			22215K	
H 315 E		65	75	M 75x2	55	98	M6	KMFE 15		0.74				HN 15	HMV 15E	BH 100-0,7 / BH 160 / BH 160-4.8	C2215K				BS2-2215-2CSK		
H 2315		65	75	M 75x2	73	98		KM 15	MB 15	0.95				HN 15	HMV 15E	BH 100-0,7 / BH 160 / BH 160-4.8	22315K	2315K	C2315K	UK215		UK315	
H 216		70	80	M 80x2	46	105		KM 16	MB 16	0.77				HN 16	HMV 16E	BH 100-0,7 / BH 160 / BH 160-4.8	1216K	20216K					
H 316		70	80	M 80x2	59	105		KM 16	MB 16	0.92				HN 16	HMV 16E	BH 100-0,7 / BH 160 / BH 160-4.8	1316K	20316K	21316K	2216K		22216K	
H 316 E		70	80	M 80x2	59	105	M8	KMFE 16		0.92				HN 16	HMV 16E	BH 100-0,7 / BH 160 / BH 160-4.8	C2216K				BS2-2216-2CSK		
H 2316		70	80	M 80x2	78	105		KM 16	MB 16	1.20				HN 16	HMV 16E	BH 100-0,7 / BH 160 / BH 160-4.8	22316K	2316K	C2316K		UK216	UK316	
H 217		75	85	M 85x2	50	110		KM 17	MB 17	0.90				HN 17	HMV 17E	BH 100-0,7 / BH 160 / BH 160-4.8	1217K	20217K	2217K				
H 317		75	85	M 85x2	63	110		KM 17	MB 17	1.06				HN 17	HMV 17E	BH 100-0,7 / BH 160 / BH 160-4.8	1317K	20317K	21317K			22217K	
H 317 E		75	85	M 85x2	63	110	M8	KMFE 17		1.06				HN 17	HMV 17E	BH 100-0,7 / BH 160 / BH 160-4.8	C2217K				BS2-2217-2CSK		
H 2317		75	85	M 85x2	82	110		KM 17	MB 17	1.30				HN 17	HMV 17E	BH 100-0,7 / BH 160 / BH 160-4.8	22317K	2317K	C2317K	UK217		UK317	
H 218		80	90	M 90x2	52	120		KM 18	MB 18	1.07				HN 18	HMV 18E	BH 100-0,7 / BH 160 / BH 160-4.8	1218K	20218K					
H 318		80	90	M 90x2	65	120		KM 18	MB 18	1.24				HN 18	HMV 18E	BH 100-0,7 / BH 160 / BH 160-4.8	1318K	20318K	21318K	2218K		22218K	
H 318 E		80	90	M 90x2	65	120	M8	KMFE 18		1.27				HN 18	HMV 18E	BH 100-0,7 / BH 160 / BH 160-4.8	C2218K						
H 2318		80	90	M 90x2	86	120		KM 18	MB 18	1.53				HN 18	HMV 18E	BH 100-0,7 / BH 160 / BH 160-4.8	22318K	2318K	23218K	UK218	C2318K	UK318	
H 219		85	95	M 95x2	55	125		KM 19	MB 19	1.20				HN 19	HMV 19E	BH 100-0,7 / BH 160 / BH 160-4.8	1219K	20219K	2219K				
H 319		85	95	M 95x2	68	125		KM 19	MB 19	1.38				HN 19	HMV 19E	BH 100-0,7 / BH 160 / BH 160-4.8	1319K	20319K	21319K			22219K	
H 319 E		85	95	M 95x2	68	125	M8	KMFE 19		1.38				HN 19	HMV 19E	BH 100-0,7 / BH 160 / BH 160-4.8	C2219K						
H 2319		85	95	M 95x2	90	125		KM 19	MB 19	1.71				HN 19	HMV 19E	BH 100-0,7 / BH 160 / BH 160-4.8	22319K	2319K	C2319K	UK319			

ADAPTER SLEEVES

H - For Shafts in mm



ADAPTER SLEEVES H

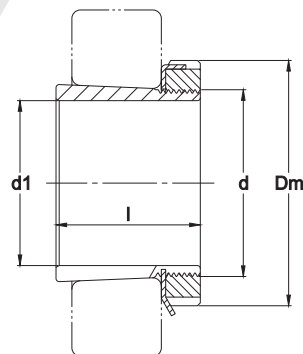


ADAPTER SLEEVES H...E WITH KMFE LOCK NUT

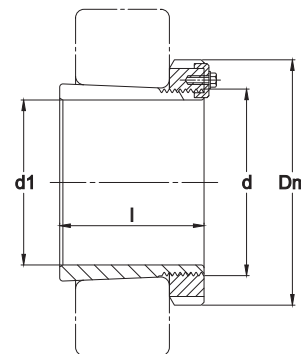
											HYDRAULIC			ASSEMBLY AND WITHDRAWAL TOOL								
Product	Hydraulic Part Number	d1 (mm)	d (mm)	Thread (mm)	l (mm)	Dm (mm)	P	Assembly Nut	Lockwasher / Locking Devices	Weight (Kg)	A	G1	Extension Tube	Hook Spanner	Hydraulic Nut	Hydraulic Pump	Bearings					
H 220		90	100	M 100x2	58	130		KM 20	MB 20	1.35				HN 20	HMV 20E	BH 100-0,7 / BH 160 / BH 160-4.8	1220K	20220K				
H 320		90	100	M 100x2	71	130		KM 20	MB 20	1.54				HN 20	HMV 20E	BH 100-0,7 / BH 160 / BH 160-4.8	1320K	20320K	21320K	2220K	22220K	
H 320 E		90	100	M 100x2	71	130	M8	KMFE 20		1.58				HN 20	HMV 20E	BH 100-0,7 / BH 160 / BH 160-4.8	C2220K					
H 3120		90	100	M 100x2	76	130		KM 20	MB 20	1.61				HN 20	HMV 20E	BH 100-0,7 / BH 160 / BH 160-4.8	23120K					
H 3120 E		90	100	M 100x2	76	130	M8	KMFE 20		1.61				HN 20	HMV 20E	BH 100-0,7 / BH 160 / BH 160-4.8	C3120K					
H 2320		90	100	M 100x2	97	130		KM 20	MB 20	1.96				HN 20	HMV 20E	BH 100-0,7 / BH 160 / BH 160-4.8	22320K	2320K	23220K	C2320K	UK320	
H 2320 E		90	100	M 100x2	97	130	M8	KMFE 20		1.96				HN 20	HMV 20E	BH 100-0,7 / BH 160 / BH 160-4.8		BS2-2220-2CS5K				
H 221		95	105	M 105x2	60	140		KM 21	MB 21	1.55				HN 21	HMV 21E	BH 100-0,7 / BH 160 / BH 160-4.8	1221K	20221K				
H 321		95	105	M 105x2	74	140		KM 21	MB 21	1.79				HN 21	HMV 21E	BH 100-0,7 / BH 160 / BH 160-4.8	1321K		2221K	22221K		
H 2321		95	105	M 105x2	101	140		KM 21	MB 21	2.26				HN 21	HMV 21E	BH 100-0,7 / BH 160 / BH 160-4.8	23221K					
H 222		100	110	M 110x2	63	145		KM 22	MB 22	1.73				HN 22	HMV 22E	BH 100-0,7 / BH 160 / BH 160-4.8	1222K	20222K				
H 322		100	110	M 110x2	77	145		KM 22	MB 22	1.96				HN 22	HMV 22E	BH 100-0,7 / BH 160 / BH 160-4.8	1322K	20322K	21322K	2222K	23022K	22222K
H 322 E		100	110	M 110x2	77	145	M8	KMFE 22		1.28				HN 22	HMV 22E	BH 100-0,7 / BH 160 / BH 160-4.8	C2222K	C3022K				
H 3122		100	110	M 110x2	81	145		KM 22	MB 22	2.03				HN 22	HMV 22E	BH 100-0,7 / BH 160 / BH 160-4.8	23122K					
H 3122 E		100	110	M 110x2	81	145	M8	KMFE 22		2.05				HN 22	HMV 22E	BH 100-0,7 / BH 160 / BH 160-4.8		23122-2CS5K				
H 24022		100	110	M 110x2	90	145		KM 22	MB 22	2.30				HN 22	HMV 22E	BH 100-0,7 / BH 160 / BH 160-4.8	24022K30					
H 24122		100	110	M 110x2	99	145		KM 22	MB 22	2.20				HN 22	HMV 22E	BH 100-0,7 / BH 160 / BH 160-4.8	24122K30					
H 2322		100	110	M 110x2	105	145		KM 22	MB 22	2.50				HN 22	HMV 22E	BH 100-0,7 / BH 160 / BH 160-4.8	22322K	23222K				
H 2322 E		100	110	M 110x2	105	145	M8	KMFE 22		2.50				HN 22	HMV 22E	BH 100-0,7 / BH 160 / BH 160-4.8		23222-2CS5K BS2-2222-2CS5K				
H 3924		110	120	M 120x2	60	145		KML 24	MBL 24	1.68				HN 22	HMV 24E	BH 100-0,7 / BH 160 / BH 160-4.8	23924K					
H 3024		110	120	M 120x2	72	145		KML 24	MBL 24	1.74				HN 22	HMV 24E	BH 100-0,7 / BH 160 / BH 160-4.8	1224K	20224K 23024K				
H 3024 E		110	120	M 120x2	72	155	M10	KMFE 24		1.74				HN 24	HMV 24E	BH 100-0,7 / BH 160 / BH 160-4.8		C3024K				
H 3124		110	120	M 120x2	88	155		KM 24	MB 24	2.35				HN 24	HMV 24E	BH 100-0,7 / BH 160 / BH 160-4.8	20324K	22224K	23124K			
H 3124 L		110	120	M 120x2	88	145		KML 24	MBL 24	2.00				HN 22	HMV 24E	BH 100-0,7 / BH 160 / BH 160-4.8	C2224K					
H 24024		110	120	M 120x2	91	145		KML 24	MBL 24	2.64				HN 22	HMV 24E	BH 100-0,7 / BH 160 / BH 160-4.8	24024K30					
H 24124		110	120	M 120x2	111	155		KM 24	MB 24	2.87				HN 24	HMV 24E	BH 100-0,7 / BH 160 / BH 160-4.8	24124K30					
H 2324		110	120	M 120x2	112	155		KM 24	MB 24	2.87				HN 24	HMV 24E	BH 100-0,7 / BH 160 / BH 160-4.8	22324K	23224K				
H 2324 E		110	120	M 120x2	112	155	M10	KMFE 24		2.92				HN 24	HMV 24E	BH 100-0,7 / BH 160 / BH 160-4.8		22324-2CS5K				
H 2324 L		110	120	M 120x2	112	145		KML 24	MBL 24	2.60				HN 22	HMV 24E	BH 100-0,7 / BH 160 / BH 160-4.8	C3224K	23224-2CS5K				
H 3926		115	130	M 130x2	65	155		KML 26	MBL 26	2.43				HN 24	HMV 26E	BH 100-0,7 / BH 160 / BH 160-4.8	23926K					
H 3026		115	130	M 130x2	80	155		KML 26	MBL 26	2.57				HN 24	HMV 26E	BH 100-0,7 / BH 160 / BH 160-4.8	1226K	20226K 23026K				
H 3026 E		115	130	M 130x2	80	165	M10	KMFE 26		2.57				HN 26	HMV 26E	BH 100-0,7 / BH 160 / BH 160-4.8		C3026K 23026-2CS5K				
H 3126		115	130	M 130x2	92	165		KM 26	MB 26	3.26				HN 26	HMV 26E	BH 100-0,7 / BH 160 / BH 160-4.8	20326K	22226K	23126K			
H 3126 L		115	130	M 130x2	92	155		KML 26	MBL 26	3.00				HN 24	HMV 26E	BH 100-0,7 / BH 160 / BH 160-4.8	C2226K					
H 24026		115	130	M 130x2	102	155		KML 26	MBL 26	2.64				HN 24	HMV 26E	BH 100-0,7 / BH 160 / BH 160-4.8	24026K30					
H 24126		115	130	M 130x2	113	165		KM 26	MB 26	3.60				HN 26	HMV 26E	BH 100-0,7 / BH 160 / BH 160-4.8	24126K30					

ADAPTER SLEEVES

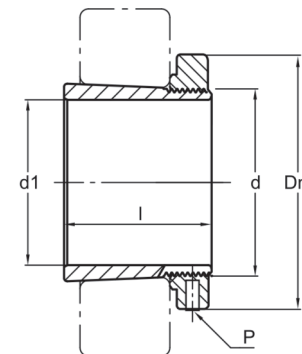
H, OH...H - For Shafts in mm



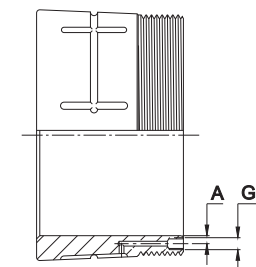
ADAPTER SLEEVES H



ADAPTER SLEEVES H WITH HM/MS



ADAPTER SLEEVES H ...WITH KMFE LOCK NUT


 REPRESENTATION OF
 THE OIL GROOVES
 FOR HYDRAULIC
 SLEEVES OH...H

											HYDRAULIC			ASSEMBLY AND WITHDRAWAL TOOL				SLEEVES OH ...H				
Product	Hydraulic Part Number	d1 (mm)	d (mm)	Thread (mm)	l (mm)	Dm (mm)	P	Assembly Nut	Lockwasher / Locking Devices	Weight (Kg)	A	G1	Extension Tube	Hook Spanner	Hydraulic Nut	Hydraulic Pump	Bearings					
H 2326		115	130	M 130x2	121	165		KM 26	MB 26	4.20				HN 26	HMV 26E	BH 100-0,7 / BH 160 / BH 160-4.8	22326K	23226K	C2326K	22326-2CS5K	UK326	
H 2326 L		115	130	M 130x2	121	155		KML 26	MBL 26	4.14				HN 24	HMV 26E	BH 100-0,7 / BH 160 / BH 160-4.8				23226-2CS5K	BS2-2226-2CS5K	
H 3928		125	140	M 140x2	66	165		KML 28	MBL 28	2.70				HN 26	HMV 28E	BH 100-0,7 / BH 160 / BH 160-4.8	23928K					
H 3028		125	140	M 140x2	82	165		KML 28	MBL 28	2.88				HN 26	HMV 28E	BH 100-0,7 / BH 160 / BH 160-4.8	20228K	23028K				
H 3028 E		125	140	M 140x2	82	180	M10	KMFE 28		3.45				HN 28	HMV 28E	BH 100-0,7 / BH 160 / BH 160-4.8			C3028K	23028-2CS5K		
H 3128		125	140	M 140x2	97	180		KM 28	MB 28	3.91				HN 28	HMV 28E	BH 100-0,7 / BH 160 / BH 160-4.8	20328K	22228K	23128K			
H 3128 L		125	140	M 140x2	97	165		KML 28	MBL 28	0.91				HN 26	HMV 28E	BH 100-0,7 / BH 160 / BH 160-4.8	C2228K				22228-2CS5K	
H 24028		125	140	M 140x2	103	165		KML 28	MBL 28	3.50				HN 26	HMV 28E	BH 100-0,7 / BH 160 / BH 160-4.8	24028K30					
H 24128		125	140	M 140x2	119	180		KM 28	MB 28	4.40				HN 28	HMV 28E	BH 100-0,7 / BH 160 / BH 160-4.8	24128K30					
H 2328		125	140	M 140x2	131	180		KM 28	MB 28	5.06				HN 28	HMV 28E	BH 100-0,7 / BH 160 / BH 160-4.8	22328K	23228K		22328-2CS5K	23228-2CS5K	UK328
H 2328 L		125	140	M 140x2	131	165		KML 28	MBL 28	5.06				HN 26	HMV 28E	BH 100-0,7 / BH 160 / BH 160-4.8						
H 3930		135	150	M 150x2	76	180		KML 30	MBL 30	3.57				HN 28	HMV 30E	BH 100-0,7 / BH 160 / BH 160-4.8	23930K					
H 3030		135	150	M 150x2	87	180		KML 30	MBL 30	3.56				HN 28	HMV 30E	BH 100-0,7 / BH 160 / BH 160-4.8	20230K	23030K				
H 3030 E		135	150	M 150x2	87	195	M10	KMFE 30		3.56				HN 30	HMV 30E	BH 100-0,7 / BH 160 / BH 160-4.8			C3030K	23030-2CS5K		
H 3130		135	150	M 150x2	111	195		KM 30	MB 30	5.01				HN 30	HMV 30E	BH 100-0,7 / BH 160 / BH 160-4.8	20330K	22230K	23130K		22230-2CS5K	
H 3130 E		135	150	M 150x2	111	195	M10	KMFE 30		5.05				HN 30	HMV 30E	BH 100-0,7 / BH 160 / BH 160-4.8					23130-2CS5K	
H 3130 L		135	150	M 150x2	111	180		KML 30	MBL 30	5.01				HN 28	HMV 30E	BH 100-0,7 / BH 160 / BH 160-4.8	C2230K	C3130K				
H 24030		135	150	M 150x2	112	180		KML 30	MBL 30	6.06				HN 28	HMV 30E	BH 100-0,7 / BH 160 / BH 160-4.8	24030K30					
H 24130		135	150	M 150x2	137	195		KM 30	MB 30	5.40				HN 30	HMV 30E	BH 100-0,7 / BH 160 / BH 160-4.8	24130K30					
H 2330		135	150	M 150x2	139	195		KM 30	MB 30	6.06				HN 30	HMV 30E	BH 100-0,7 / BH 160 / BH 160-4.8	22330K	23230K		22330-2CS5K		
H 2330 L		135	150	M 150x2	139	180		KML 30	MBL 30	5.85				HN 28	HMV 30E	BH 100-0,7 / BH 160 / BH 160-4.8					23230-2CS5K	
H 3932	OH 3932H	140	160	M 160x3	78	190		KML 32	MBL 32	4.57	3.96	M6	TE M6 01 or 02	HN 29	HMV 32E	BH 100-0,7 / BH 160 / BH 160-4.8	23932K					
H 3032	OH 3032H	140	160	M 160x3	93	190		KML 32	MBL 32	4.73	3.96	M6	TE M6 01 or 02	HN 29	HMV 32E	BH 100-0,7 / BH 160 / BH 160-4.8	20232K	23032K				
H 3032 E	OH 3032HE	140	160	M 160x3	93	210	M10	KMFE 32		5.80	3.96	M6	TE M6 01 or 02	HN 32-HN 33	HMV 32E	BH 100-0,7 / BH 160 / BH 160-4.8			C3032K	23032-2CS5K		
H 24032	OH 24032H	140	160	M 160x3	118	190		KML 32	MBL 32	7.80	3.96	M6	TE M6 01 or 02	HN 29	HMV 32E	BH 100-0,7 / BH 160 / BH 160-4.8	24032K30					
H 3132	OH 3132H	140	160	M 160x3	119	210		KM 32	MB 32	6.82	3.96	M6	TE M6 01 or 02	HN 32-HN 33	HMV 32E	BH 100-0,7 / BH 160 / BH 160-4.8		22232K	23132K		22232-2CS5K	
H 3132 E	OH 3132HE	140	160	M 160x3	119	210	M10	KMFE 32		6.82	3.96	M6	TE M6 01 or 02	HN 32-HN 33	HMV 32E	BH 100-0,7 / BH 160 / BH 160-4.8					23132-2CS5K	
H 3132 L	OH 3132HL	140	160	M 160x3	119	190		KML 32	MBL 32	6.82	3.96	M6	TE M6 01 or 02	HN 29	HMV 32E	BH 100-0,7 / BH 160 / BH 160-4.8	C3132K					
H 2332	OH 2332H	140	160	M 160x3	147	210		KM 32	MB 32	8.12	3.96	M6	TE M6 01 or 02	HN 32-HN 33	HMV 32E	BH 100-0,7 / BH 160 / BH 160-4.8	22332K	23232K		22332-2CS5K		
H 2332 L	OH 2332HL	140	160	M 160x3	147	190		KML 32	MBL 32	8.12	3.96	M6	TE M6 01 or 02	HN 29	HMV 32E	BH 100-0,7 / BH 160 / BH 160-4.8	C3232K					
H 24132	OH 24132H	140	160	M 160x3	148	210		KM 32	MB 32	7.80	3.96	M6	TE M6 01 or 02	HN 32-HN 33	HMV 32E	BH 100-0,7 / BH 160 / BH 160-4.8	24132K30					
H 3934	OH 3934H	150	170	M 170x3	79	200		KML 34	MBL 34	4.95	3.96	M6	TE M6 01 or 02	HN 31	HMV 34E	BH 100-0,7 / BH 160 / BH 160-4.8	23934K					
H 3034	OH 3034H	150	170	M 170x3	101	200		KML 34	MBL 34	5.41	3.96	M6	TE M6 01 or 02	HN 31	HMV 34E	BH 100-0,7 / BH 160 / BH 160-4.8	20234K	23034K				
H 3034 E	OH 3034HE	150	170	M 170x3	101	220	M10	KMFE 34		5.41	3.96	M6	TE M6 01 or 02	HN 34	HMV 34E	BH 100-0,7 / BH 160 / BH 160-4.8			C3034K	23034-2CS5K		
H 3134	OH 3134H	150	170	M 170x3	122	220		KM 34	MB 34	7.49	3.96	M6	TE M6 01 or 02	HN 34	HMV 34E	BH 100-0,7 / BH 160 / BH 160-4.8		22234K	23134K		22234-2CS5K	
H 3134 E	OH 3134HE	150	170	M 170x3	122	220	M10	KMFE 34		7.40	3.96	M6	TE M6 01 or 02	HN 34	HMV 34E	BH 100-0,7 / BH 160 / BH 160-4.8	C3134K				23134-2CS5K	

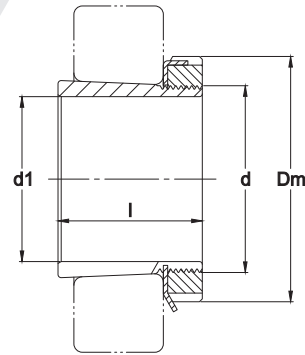
* Example of thread part number: TR 300 x 4, TR: Trapezoidal metric thread, 300: Thread diameter, 4: Thread pitch.

* Suffix TL: Sleeves series 3100 assembled with HM 3000 Lock nuts and MS 3000 Locking clips.

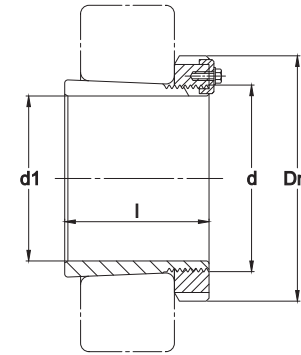


ADAPTER SLEEVES

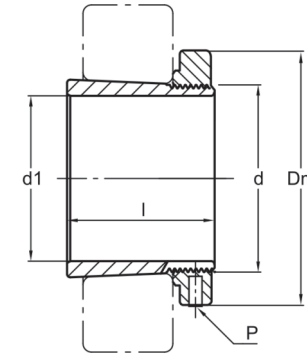
H, OH ...H - For Shafts in mm



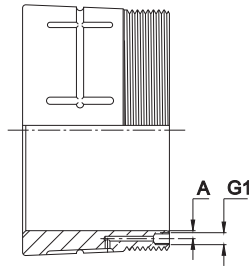
ADAPTER SLEEVES H



ADAPTER SLEEVES H WITH HM/MS



ADAPTER SLEEVES H ...WITH KMFE LOCK NUT

REPRESENTATION OF
THE OIL GROOVES
FOR HYDRAULIC
SLEEVES OH ...H

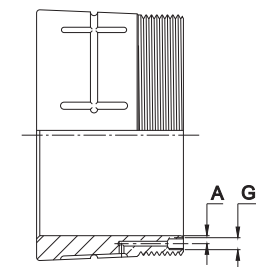
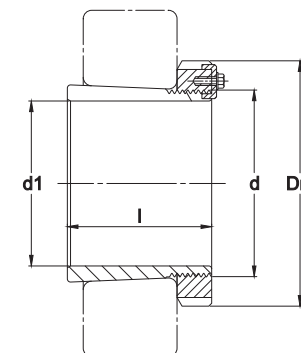
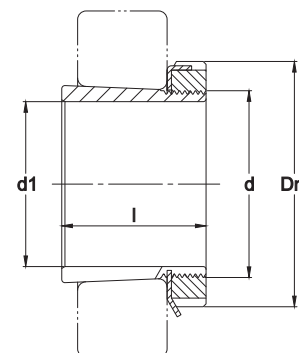
											HYDRAULIC		ASSEMBLY AND WITHDRAWAL TOOL				SLEEVES OH ...H					
Product	Hydraulic Part Number	d1 (mm)	d (mm)	Thread (mm)	l (mm)	Dm (mm)	P	Assembly Nut	Lockwasher / Locking Devices	Weight (Kg)	A	G1	Extension Tube	Hook Spanner	Hydraulic Nut	Hydraulic Pump	Bearings					
H 3134 L	OH 3134HL	150	170	M 170x3	122	200		KML 34	MBL 34	6.40	3.96	M6	TE M6 01 or 02	HN 31	HMV 34E	BH 100-0,7 / BH 160 / BH 160-4.8	C2234K					
H 24034	OH 24034H	150	170	M 170x3	130	200		KML 34	MBL 34	7.00	3.96	M6	TE M6 01 or 02	HN 31	HMV 34E	BH 100-0,7 / BH 160 / BH 160-4.8	24034K30					
H 24134	OH 24134H	150	170	M 170x3	149	220		KM 34	MB 34	9.20	3.96	M6	TE M6 01 or 02	HN 34	HMV 34E	BH 100-0,7 / BH 160 / BH 160-4.8	24134K30					
H 2334	OH 2334H	150	170	M 170x3	154	220		KM 34	MB 34	9.20	3.96	M6	TE M6 01 or 02	HN 34	HMV 34E	BH 100-0,7 / BH 160 / BH 160-4.8	22334K	23234K				
H 3936	OH 3936H	160	180	M 180x3	87	210		KML 36	MBL 36	5.20	3.96	M6	TE M6 01 or 02	HN 32-HN 33	HMV 36E	BH 100-0,7 / BH 160 / BH 160-4.8	23936K					
H 3036	OH 3036H	160	180	M 180x3	109	210		KML 36	MBL 36	6.20	3.96	M6	TE M6 01 or 02	HN 32-HN 33	HMV 36E	BH 100-0,7 / BH 160 / BH 160-4.8	23036K	C3036K				
H 3036 E	OH 3036HE	160	180	M 180x3	109	230	M10	KMFE 36		7.33	3.96	M6	TE M6 01 or 02	HN 36	HMV 36E	BH 100-0,7 / BH 160 / BH 160-4.8		23036-2CS5K				
H 3136	OH 3136H	160	180	M 180x3	131	230		KM 36	MB 36	8.49	3.96	M6	TE M6 01 or 02	HN 36	HMV 36E	BH 100-0,7 / BH 160 / BH 160-4.8	22236K	23136K	22236-2CS5K			
H 3136 L	OH 3136HL	160	180	M 180x3	131	210		KML 36	MBL 36	8.49	3.96	M6	TE M6 01 or 02	HN 32-HN 33	HMV 36E	BH 100-0,7 / BH 160 / BH 160-4.8	C3136K	23136-2CS5K				
H 24036	OH 24036H	160	180	M 180x3	140	210		KML 36	MBL 36	7.50	3.96	M6	TE M6 01 or 02	HN 32-HN 33	HMV 36E	BH 100-0,7 / BH 160 / BH 160-4.8	24036K30					
H 24136	OH 24136H	160	180	M 180x3	159	230		KM 36	MB 36	10.00	3.96	M6	TE M6 01 or 02	HN 36	HMV 36E	BH 100-0,7 / BH 160 / BH 160-4.8	24136K30					
H 2336	OH 2336H	160	180	M 180x3	161	230		KM 36	MB 36	10.20	3.96	M6	TE M6 01 or 02	HN 36	HMV 36E	BH 100-0,7 / BH 160 / BH 160-4.8	22336K	23236K	C3236K			
H 3938	OH 3938H	170	190	M 190x3	89	220		KML 38	MBL 38	6.19	3.95	M6	TE M6 01 or 02	HN 34	HMV 38E	BH 100-0,7 / BH 160 / BH 160-4.8	23938K					
H 3038	OH 3038H	170	190	M 190x3	112	220		KML 38	MBL 38	6.69	3.95	M6	TE M6 01 or 02	HN 34	HMV 38E	BH 100-0,7 / BH 160 / BH 160-4.8	23038K	C3038K				
H 3138	OH 3138H	170	190	M 190x3	141	240		KM 38	MB 38	9.62	3.95	M6	TE M6 01 or 02	HN 38	HMV 38E	BH 100-0,7 / BH 160 / BH 160-4.8	22238K	23138K	C2238K	C3138K	23138-2CS5K	22238-2CS5K
H 3138 L	OH 3138HL	170	190	M 190x3	141	220		KML 38	MBL 38	9.62	3.95	M6	TE M6 01 or 02	HN 34	HMV 38E	BH 100-0,7 / BH 160 / BH 160-4.8						
H 24038	OH 24038H	170	190	M 190x3	143	220		KML 38	MBL 38	8.40	3.95	M6	TE M6 01 or 02	HN 34	HMV 38E	BH 100-0,7 / BH 160 / BH 160-4.8	24038K30					
H 2338	OH 2338H	170	190	M 190x3	169	240		KM 38	MB 38	11.40	3.95	M6	TE M6 01 or 02	HN 38	HMV 38E	BH 100-0,7 / BH 160 / BH 160-4.8	22338K	23238K				
H 24138	OH 24138H	170	190	M 190x3	172	240		KM 38	MB 38	11.60	3.95	M6	TE M6 01 or 02	HN 38	HMV 38E	BH 100-0,7 / BH 160 / BH 160-4.8	24138K30					
H 3940	OH 3940H	180	200	M 200x3	98	240		KML 40	MBL 40	7.89	3.95	M6	TE M6 01 or 02	HN 38	HMV 40E	BH 100-0,7 / BH 160 / BH 160-4.8	23940K					
H 3040	OH 3040H	180	200	M 200x3	120	240		KML 40	MBL 40	8.26	3.95	M6	TE M6 01 or 02	HN 38	HMV 40E	BH 100-0,7 / BH 160 / BH 160-4.8	23040K	C3040K 23040-2CS5K				
H 3140	OH 3140H	180	200	M 200x3	150	250		KM 40	MB 40	10.82	3.95	M6	TE M6 01 or 02	HN 40	HMV 40E	BH 100-0,7 / BH 160 / BH 160-4.8	22240K	23140K	C3140K	23140-2CS5K	22240-2CS5K	
H 3140 L	OH 3140HL	180	200	M 200x3	150	240		KML 40	MBL 40	10.82	3.95	M6	TE M6 01 or 02	HN 38	HMV 40E	BH 100-0,7 / BH 160 / BH 160-4.8						
H 24040	OH 24040H	180	200	M 200x3	153	240		KML 40	MBL 40	10.20	3.95	M6	TE M6 01 or 02	HN 38	HMV 40E	BH 100-0,7 / BH 160 / BH 160-4.8	24040K30					
H 2340	OH 2340H	180	200	M 200x3	176	250		KM 40	MB 40	12.80	3.95	M6	TE M6 01 or 02	HN 40	HMV 40E	BH 100-0,7 / BH 160 / BH 160-4.8	22340K	23240K				
H 2340 L	OH 2340HL	180	200	M 200x3	176	240		KML 40	MBL 40	12.16	3.95	M6	TE M6 01 or 02	HN 38	HMV 40E	BH 100-0,7 / BH 160 / BH 160-4.8		23240-2CS5K				
H 24140	OH 24140H	180	200	M 200x3	185	250		KM 40	MB 40	13.40	3.95	M6	TE M6 01 or 02	HN 40	HMV 40E	BH 100-0,7 / BH 160 / BH 160-4.8	24140K30					
H 3944	OH 3944H	200	220	Tr 220x4	96	260		HM 3044	MS 3044	7.40	3.74	M6	TE M6 01 or 02	HN 40	HMV 44E	BH 100-0,7 / BH 160 / BH 160-4.8	23944K					
H 3044	OH 3044H	200	220	Tr 220x4	126	260		HM 3044	MS 3044	9.20	3.74	M6	TE M6 01 or 02	HN 40	HMV 44E	BH 100-0,7 / BH 160 / BH 160-4.8	23044K	C3044K 23044-2CS5K				
H 3044 X	OH 3044XH	200	220	Tr 220x4	126	280		HM 44T	MB 44	11.60	3.74	M6	TE M6 01 or 02	HN 44	HMV 44E	BH 100-0,7 / BH 160 / BH 160-4.8	23044K	C3044K 23044-2CS5K				
H 3144 TL	OH 3144HTL	200	220	Tr 220x4	156	260		HM 3044	MS 3044	13.20	3.74	M6	TE M6 01 or 02	HN 40	HMV 44E	BH 100-0,7 / BH 160 / BH 160-4.8	C3144K	23144-2CS5K				
H 3144	OH 3144H	200	220	Tr 220x4	161	280		HM 3144	MS 3144-MS 3148	13.19	3.74	M6	TE M6 01 or 02	HN 44	HMV 44E	BH 100-0,7 / BH 160 / BH 160-4.8	22244K	23144K	C2244K	22244-2CS5K		
H 3144 X	OH 3144XH	200	220	Tr 220x4	161	280		HM 44T	MB 44	14.00	3.74	M6	TE M6 01 or 02	HN 44	HMV 44E	BH 100-0,7 / BH 160 / BH 160-4.8	22244K	23144K	C2244K	22244-2CS5K		
H 24044	OH 24044H	200	220	Tr 220x4	162	260		HM 3044	MS 3044	7.38	3.74	M6	TE M6 01 or 02	HN 40	HMV 44E	BH 100-0,7 / BH 160 / BH 160-4.8	24044K30					
H 2344	OH 2344H	200	220	Tr 220x4	186	280		HM 3144	MS 3144-MS 3148	15.40	3.74	M6	TE M6 01 or 02	HN 44	HMV 44E	BH 100-0,7 / BH 160 / BH 160-4.8	22344K	23244K	22344-2CS5K			
H 2344 X	OH 2344XH	200	220	Tr 220x4	186	280		HM 44T	MB 44	15.80	3.74	M6	TE M6 01 or 02	HN 44	HMV 44E	BH 100-0,7 / BH 160 / BH 160-4.8	22344K	23244K	22344-2CS5K			

* Example of thread part number: TR 300 x 4, TR: Trapezoidal metric thread, 300: Thread diameter, 4: Thread pitch.

* Suffix TL: Sleeves series 3100 assembled with HM 3000 Lock nuts and MS 3000 Locking clips.

ADAPTER SLEEVES

H, OH ...H - For Shafts in mm



ADAPTER SLEEVES H

ADAPTER SLEEVES H WITH HM/MS

REPRESENTATION OF
THE OIL GROOVES
FOR HYDRAULIC
SLEEVES OH ...H

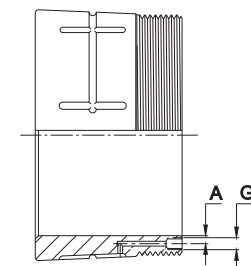
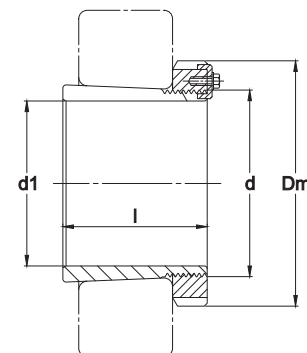
											HYDRAULIC			ASSEMBLY AND WITHDRAWAL TOOL				SLEEVES OH ...H	
Product	Hydraulic Part Number	d1 (mm)	d (mm)	Thread (mm)	l (mm)	Dm (mm)	P	Assembly Nut	Lockwasher / Locking Devices	Weight (Kg)	A	G1	Extension Tube	Hook Spanner	Hydraulic Nut	Hydraulic Pump	Bearings		
H 24144	OH 24144H	200	220	Tr 220x4	199	280		HM 3144	MS 3144-MS 3148	16.00	3.74	M6	TE M6 01 or 02	HN 44	HMV 44E	BH 100-0,7 / BH 160 / BH 160-4.8	24144K30		
H 3948	OH 3948H	220	240	Tr 240x4	101	290		HM 3048	MS 3048-MS3052	9.80	3.74	M6	TE M6 01 or 02		HMV 48E	BH 100-0,7 / BH 160 / BH 160-4.8	23948K		
H 3048	OH 3048H	220	240	Tr 240x4	133	290		HM 3048	MS 3048-MS3052	12.00	3.74	M6	TE M6 01 or 02		HMV 48E	BH 100-0,7 / BH 160 / BH 160-4.8	23048K		
H 3048 E	OH 3048HE	220	240	Tr 240x4	133	290		HME 3048	MS 3052-48	12.00	3.74	M6	TE M6 01 or 02		HMV 48E	BH 100-0,7 / BH 160 / BH 160-4.8	C3048K 23048-2CS5K		
H 3048 X	OH 3048XH	220	240	Tr 240x4	136	300		HM 48T	MB 48	12.00	3.74	M6	TE M6 01 or 02		HMV 48E	BH 100-0,7 / BH 160 / BH 160-4.8	23048K		
H 24048	OH 24048H	220	240	Tr 240x4	156.85	290		HM 3048	MS 3048-MS3052	24.50	3.74	M6	TE M6 01 or 02		HMV 48E	BH 100-0,7 / BH 160 / BH 160-4.8	24048K30		
H 3148 TL	OH 3148HTL	220	240	Tr 240x4	169	290		HM 3048	MS 3048-MS3052	15.80	3.74	M6	TE M6 01 or 02		HMV 48E	BH 100-0,7 / BH 160 / BH 160-4.8	C3148K		
H 3148	OH 3148H	220	240	Tr 240x4	172	300		HM 3148	MS 3144-MS 3148	15.80	3.74	M6	TE M6 01 or 02		HMV 48E	BH 100-0,7 / BH 160 / BH 160-4.8	22248K	23148K	
H 3148 X	OH 3148XH	220	240	Tr 240x4	172	300		HM 48T	MB 48	16.60	3.74	M6	TE M6 01 or 02		HMV 48E	BH 100-0,7 / BH 160 / BH 160-4.8	22248K	23148K	
H 2348	OH 2348H	220	240	Tr 240x4	199	300		HM 3148	MS 3144-MS 3148	18.00	3.74	M6	TE M6 01 or 02		HMV 48E	BH 100-0,7 / BH 160 / BH 160-4.8	22348K	23248K	
H 2348 X	OH 2348XH	220	240	Tr 240x4	199	300		HM 48T	MB 48	18.80	3.74	M6	TE M6 01 or 02		HMV 48E	BH 100-0,7 / BH 160 / BH 160-4.8	22348K	23248K	
H 24148	OH 24148H	220	240	Tr 240x4	201.85	300		HM 3148	MS 3144-MS 3148	15.80	3.74	M6	TE M6 01 or 02		HMV 48E	BH 100-0,7 / BH 160 / BH 160-4.8	24148K30		
H 3952	OH 3952H	240	260	Tr 260x4	116	310		HM 3052	MS 3048-MS3052	11.60	3.74	M6	TE M6 01 or 02		HMV 52E	BH 100-0,7 / BH 160 / BH 160-4.8	23952K		
H 3052	OH 3052H	240	260	Tr 260x4	145	310		HM 3052	MS 3048-MS3052	14.00	3.74	M6	TE M6 01 or 02		HMV 52E	BH 100-0,7 / BH 160 / BH 160-4.8	23052K	C3052K	
H 3052 E	OH 3052HE	240	260	Tr 260x4	145	310		HME 3052	MS 3052-48	14.00	3.74	M6	TE M6 01 or 02		HMV 52E	BH 100-0,7 / BH 160 / BH 160-4.8	23052-2CS5K		
H 3052 X	OH 3052XH	240	260	Tr 260x4	150	330		HM 52T	MB 52	14.00	3.74	M6	TE M6 01 or 02		HMV 52E	BH 100-0,7 / BH 160 / BH 160-4.8	23052K	C3052K	
H 24052	OH 24052H	240	260	Tr 260x4	179.4	310		HM 3052	MS 3048-MS3052	18.40	3.74	M6	TE M6 01 or 02		HMV 52E	BH 100-0,7 / BH 160 / BH 160-4.8	24052K30		
H 3152 TL	OH 3152HTL	240	260	Tr 260x4	185	310		HM 3052	MS 3048-MS3052	20.00	3.74	M6	TE M6 01 or 02		HMV 52E	BH 100-0,7 / BH 160 / BH 160-4.8	C3152K		
H 3152	OH 3152H	240	260	Tr 260x4	190	330		HM 3152	MS 3152-MS 3156	20.00	3.74	M6	TE M6 01 or 02		HMV 52E	BH 100-0,7 / BH 160 / BH 160-4.8	22252K	23152K	
H 3152 X	OH 3152XH	240	260	Tr 260x4	190	330		HM 52T	MB 52	20.80	3.74	M6	TE M6 01 or 02		HMV 52E	BH 100-0,7 / BH 160 / BH 160-4.8	22252K	23152K	
H 2352	OH 2352H	240	260	Tr 260x4	211	330		HM 3152	MS 3152-MS 3156	22.00	3.74	M6	TE M6 01 or 02		HMV 52E	BH 100-0,7 / BH 160 / BH 160-4.8	22352K	23252K	
H 2352 X	OH 2352XH	240	260	Tr 260x4	211	330		HM 52T	MB 52	22.80	3.74	M6	TE M6 01 or 02		HMV 52E	BH 100-0,7 / BH 160 / BH 160-4.8	22352K	23252K	
H 24152	OH 24152H	240	260	Tr 260x4	224.4	330		HM 3152	MS 3152-MS 3156	21.40	3.74	M6	TE M6 01 or 02		HMV 52E	BH 100-0,7 / BH 160 / BH 160-4.8	24152K30		
H 3956	OH 3956H	260	280	Tr 280x4	121	330		HM 3056	MS 3056	13.40	3.74	M6	TE M6 01 or 02		HMV 56E	BH 100-0,7 / BH 160 / BH 160-4.8	23956K		
H 3056	OH 3056H	260	280	Tr 280x4	152	330		HM 3056	MS 3056	16.00	3.74	M6	TE M6 01 or 02		HMV 56E	BH 100-0,7 / BH 160 / BH 160-4.8	23056K	C3056K	
H 24056	OH 24056H	260	280	Tr 280x4	183.4	330		HM 3056	MS 3056	24.50	3.74	M6	TE M6 01 or 02		HMV 56E	BH 100-0,7 / BH 160 / BH 160-4.8	24056K30		
H 3156 TL	OH 3156HTL	260	280	Tr 280x4	192	330		HM 3056	MS 3056	22.60	3.74	M6	TE M6 01 or 02		HMV 56E	BH 100-0,7 / BH 160 / BH 160-4.8	C3156K		
H 3156	OH 3156H	260	280	Tr 280x4	195	350		HM 3156	MS 3152-MS 3156	22.60	3.74	M6	TE M6 01 or 02		HMV 56E	BH 100-0,7 / BH 160 / BH 160-4.8	22256K	23156K	
H 3156 X	OH 3156XH	260	280	Tr 280x4	195	350		HM 56T	MB 56	23.00	3.74	M6	TE M6 01 or 02		HMV 56E	BH 100-0,7 / BH 160 / BH 160-4.8	22256K	23156K	
H 2356	OH 2356H	260	280	Tr 280x4	224	350		HM 3156	MS 3152-MS 3156	25.40	3.74	M6	TE M6 01 or 02		HMV 56E	BH 100-0,7 / BH 160 / BH 160-4.8	22356K	23256K	
H 2356 X	OH 2356XH	260	280	Tr 280x4	224	350		HM 56T	MB 56	26.00	3.74	M6	TE M6 01 or 02		HMV 56E	BH 100-0,7 / BH 160 / BH 160-4.8	22356K	23256K	
H 24156	OH 24156H	260	280	Tr 280x4	238	350		HM 3156	MS 3152-MS 3156	26.50	3.74	M6	TE M6 01 or 02		HMV 56E	BH 100-0,7 / BH 160 / BH 160-4.8	24156K30		
H 3960	OH 3960H	280	300	Tr 300x4	140	360		HM 3060	MS 3060	19.80	3.73	M6	TE M6 01 or 02		HMV 60E	BH 100-0,7 / BH 160 / BH 160-4.8	23960K		
H 3060	OH 3060H	280	300	Tr 300x4	168	360		HM 3060	MS 3060	20.80	3.73	M6	TE M6 01 or 02		HMV 60E	BH 100-0,7 / BH 160 / BH 160-4.8	23060K	C3060K	
H 24060	OH 24060H	280	300	Tr 300x4	208	360		HM 3060	MS 3060	30.20	3.73	M6	TE M6 01 or 02		HMV 60E	BH 100-0,7 / BH 160 / BH 160-4.8	24060K30		
H 3160	OH 3160H	280	300	Tr 300x4	208	380		HM 3160	MS 3160	27.40	3.73	M6	TE M6 01 or 02		HMV 60E	BH 100-0,7 / BH 160 / BH 160-4.8	22260K	23160K C3160K	

* Example of thread part number: TR 300 x 4, TR: Trapezoidal metric thread, 300: Thread diameter, 4: Thread pitch.

* Suffix TL: Sleeves series 3100 assembled with HM 3000 Lock nuts and MS 3000 Locking clips.

ADAPTER SLEEVES

H, OH...H - For Shafts in mm



ADAPTER SLEEVES H WITH HM/MS

REPRESENTATION OF THE OIL GROOVES FOR HYDRAULIC SLEEVES OH...H

										HYDRAULIC			ASSEMBLY AND WITHDRAWAL TOOL					
Product	Hydraulic Part Number	d1 (mm)	d (mm)	Thread (mm)	l (mm)	Dm (mm)	P	Assembly Nut	Lockwasher / Locking Devices	Weight (Kg)	A	G1	Extension Tube	Hook Spanner	Hydraulic Nut	Hydraulic Pump	Bearings	
H 3160 E	OH 3160HE	280	300	Tr 300x4	208	380		HME 3160	MS 3160	27.40	3.73	M6	TE M6 01 or 02		HMV 60E	BH 100-0,7 / BH 160 / BH 160-4.8	23160-2CS5K	
H 3160 TL	OH 3160HTL	280	300	Tr 300x4	210	360		HM 3060	MS 3060	25.20	3.73	M6	TE M6 01 or 02		HMV 60E	BH 100-0,7 / BH 160 / BH 160-4.8		
H 3260	OH 3260H	280	300	Tr 300x4	240	380		HM 3160	MS 3160	34.10	3.73	M6	TE M6 01 or 02		HMV 60E	BH 100-0,7 / BH 160 / BH 160-4.8	23260K 22360K	
H 24160	OH 24160H	280	300	Tr 300x4	258	380		HM 3160	MS 3160	36.00	3.73	M6	TE M6 01 or 02		HMV 60E	BH 100-0,7 / BH 160 / BH 160-4.8	24160K30	
H 3964	OH 3964H	300	320	Tr 320x5	140	380		HM 3064	MS 3064-MS 3068	19.20	3.47	M6	TE M6 01 or 02		HMV 64E	BH 100-0,7 / BH 160 / BH 160-4.8	23964K	
H 3064	OH 3064H	300	320	Tr 320x5	171	380		HM 3064	MS 3064-MS 3068	22.20	3.47	M6	TE M6 01 or 02		HMV 64E	BH 100-0,7 / BH 160 / BH 160-4.8	23064K C3064K	
H 24064	OH 24064H	300	320	Tr 320x5	220	380		HM 3064	MS 3064-MS 3068	30.00	3.47	M6	TE M6 01 or 02		HMV 64E	BH 100-0,7 / BH 160 / BH 160-4.8	24064K30	
H 3164	OH 3164H	300	320	Tr 320x5	226	400		HM 3164	MS 3164	31.80	3.47	M6	TE M6 01 or 02		HMV 64E	BH 100-0,7 / BH 160 / BH 160-4.8	22264K 23164K C3164K	
H 3164 TL	OH 3164HTL	300	320	Tr 320x5	226	380		HM 3064	MS 3064-MS 3068	31.80	3.47	M6	TE M6 01 or 02		HMV 64E	BH 100-0,7 / BH 160 / BH 160-4.8		
H 3264	OH 3264H	300	320	Tr 320x5	258	400		HM 3164	MS 3164	36.00	3.47	M6	TE M6 01 or 02		HMV 64E	BH 100-0,7 / BH 160 / BH 160-4.8	23264K 22364K	
H 24164	OH 24164H	300	320	Tr 320x5	278	400		HM 3164	MS 3164	38.00	3.47	M6	TE M6 01 or 02		HMV 64E	BH 100-0,7 / BH 160 / BH 160-4.8	24164K30	
H 3968	OH 3968H	320	340	Tr 340x5	144	400		HM 3068	MS 3064-MS 3068	23.50	3.47	M6	TE M6 01 or 02		HMV 68E	BH 100-0,7 / BH 160 / BH 160-4.8	23968K	
H 3068	OH 3068H	320	340	Tr 340x5	187	400		HM 3068	MS 3064-MS 3068	26.40	3.47	M6	TE M6 01 or 02		HMV 68E	BH 100-0,7 / BH 160 / BH 160-4.8	23068K C3068K	
H 24068	OH 24068H	320	340	Tr 340x5	231.6	400		HM 3068	MS 3064-MS 3068	30.20	3.47	M6	TE M6 01 or 02		HMV 68E	BH 100-0,7 / BH 160 / BH 160-4.8	24068K30	
H 3168 TL	OH 3168HTL	320	340	Tr 340x5	244	400		HM 3068	MS 3064-MS 3068	34.04	3.47	M6	TE M6 01 or 02		HMV 68E	BH 100-0,7 / BH 160 / BH 160-4.8		
H 3168	OH 3168H	320	340	Tr 340x5	254	440		HM 3168	MS 3168-MS 3172	45.40	3.47	M6	TE M6 01 or 02		HMV 68E	BH 100-0,7 / BH 160 / BH 160-4.8	23168K C3168K	
H 3168 E	OH 3168HE	320	340	Tr 340x5	254	440		HME 3168	MS 3172-68	45.40	3.47	M6	TE M6 01 or 02		HMV 68E	BH 100-0,7 / BH 160 / BH 160-4.8	23168-2CS5K	
H 3268	OH 3268H	320	340	Tr 340x5	288	440		HM 3168	MS 3168-MS 3172	50.40	3.47	M6	TE M6 01 or 02		HMV 68E	BH 100-0,7 / BH 160 / BH 160-4.8	23268K 22368K	
H 24168	OH 24168H	320	340	Tr 340x5	317	440		HM 3168	MS 3168-MS 3172	58.00	3.47	M6	TE M6 01 or 02		HMV 68E	BH 100-0,7 / BH 160 / BH 160-4.8	24168K30	
H 3972	OH 3972H	340	360	Tr 360x5	144	420		HM 3072	MS 3072	24.50	3.47	M6	TE M6 01 or 02		HMV 72E	BH 100-0,7 / BH 160 / BH 160-4.8	23972K	
H 3972 E	OH 3972HE	340	360	Tr 360x5	144	420		HME 3072	MS 3072	24.50	3.47	M6	TE M6 01 or 02		HMV 72E	BH 100-0,7 / BH 160 / BH 160-4.8	C3972K	
H 3072	OH 3072H	340	360	Tr 360x5	188	420		HM 3072	MS 3072	27.40	3.47	M6	TE M6 01 or 02		HMV 72E	BH 100-0,7 / BH 160 / BH 160-4.8	23072K C3072K	
H 24072	OH 24072H	340	360	Tr 360x5	244	420		HM 3072	MS 3072	36.00	3.47	M6	TE M6 01 or 02		HMV 72E	BH 100-0,7 / BH 160 / BH 160-4.8	24072K30	
H 3172 TL	OH 3172HTL	340	360	Tr 360x5	246	420		HM 3072	MS 3072	36.60	3.47	M6	TE M6 01 or 02		HMV 72E	BH 100-0,7 / BH 160 / BH 160-4.8		
H 3172	OH 3172H	340	360	Tr 360x5	259	460		HM 3172	MS 3168-MS 3172	50.00	3.47	M6	TE M6 01 or 02		HMV 72E	BH 100-0,7 / BH 160 / BH 160-4.8	23172K C3172K 22272K	
H 3172 E	OH 3172HE	340	360	Tr 360x5	259	460		HME 3172	MS 3172-68	50.00	3.47	M6	TE M6 01 or 02		HMV 72E	BH 100-0,7 / BH 160 / BH 160-4.8	23172-2CS5K	
H 3272	OH 3272H	340	360	Tr 360x5	299	460		HM 3172	MS 3168-MS 3172	55.80	3.47	M6	TE M6 01 or 02		HMV 72E	BH 100-0,7 / BH 160 / BH 160-4.8	23272K 22372K	
H 24172	OH 24172H	340	360	Tr 360x5	321	460		HM 3172	MS 3168-MS 3172	60.00	3.47	M6	TE M6 01 or 02		HMV 72E	BH 100-0,7 / BH 160 / BH 160-4.8	24172K30	
H 3976	OH 3976H	360	380	Tr 380x5	164	450		HM 3076	MS 3076-MS 3080	29.00	3.47	M6	TE M6 01 or 02		HMV 76E	BH 100-0,7 / BH 160 / BH 160-4.8	23976K	
H 3976 E	OH 3976HE	360	380	Tr 380x5	164	450		HME 3076	MS 3080-76	29.00	3.47	M6	TE M6 01 or 02		HMV 76E	BH 100-0,7 / BH 160 / BH 160-4.8	C3976K	
H 3076	OH 3076H	360	380	Tr 380x5	193	450		HM 3076	MS 3076-MS 3080	32.80	3.47	M6	TE M6 01 or 02		HMV 76E	BH 100-0,7 / BH 160 / BH 160-4.8	23076K C3076K	
H 24076	OH 24076H	360	380	Tr 380x5	235.6	450		HM 3076	MS 3076-MS 3080	41.00	3.47	M6	TE M6 01 or 02		HMV 76E	BH 100-0,7 / BH 160 / BH 160-4.8	24076K30	
H 3176 TL	OH 3176HTL	360	380	Tr 380x5	252	450		HM 3076	MS 3076-MS 3080	42.60	3.47	M6	TE M6 01 or 02		HMV 76E	BH 100-0,7 / BH 160 / BH 160-4.8		
H 3176	OH 3176H	360	380	Tr 380x5	264	490		HM 3176	MS 3176	56.20	3.47	M6	TE M6 01 or 02		HMV 76E	BH 100-0,7 / BH 160 / BH 160-4.8	23176K	
H 3176 E	OH 3176HE	360	380	Tr 380x5	264	490		HME 3176	MS 3176	56.20	3.47	M6	TE M6 01 or 02		HMV 76E	BH 100-0,7 / BH 160 / BH 160-4.8	C3176K	
H 3276	OH 3276H	360	380	Tr 380x5	310	490		HM 3176	MS 3176	69.60	3.47	M6	TE M6 01 or 02		HMV 76E	BH 100-0,7 / BH 160 / BH 160-4.8	23276K 22376K	

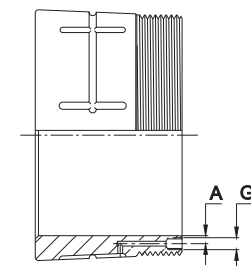
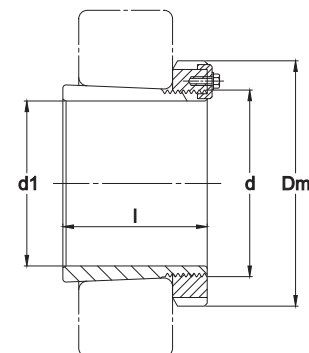
* Example of thread part number: TR 300 x 4, TR: Trapezoidal metric thread, 300: Thread diameter, 4: Thread pitch.

* Suffix TL: Sleeves series 3100 assembled with HM 3000 Lock nuts and MS 3000 Locking clips.



ADAPTER SLEEVES

H, OH...H - For Shafts in mm



ADAPTER SLEEVES H WITH HM/MS

REPRESENTATION OF THE OIL GROOVES FOR HYDRAULIC SLEEVES OH...H

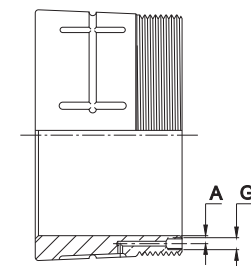
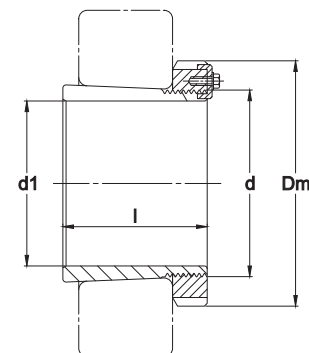
											HYDRAULIC			ASSEMBLY AND WITHDRAWAL TOOL					
Product	Hydraulic Part Number	d1 (mm)	d (mm)	Thread (mm)	l (mm)	Dm (mm)	P	Assembly Nut	Lockwasher / Locking Devices	Weight (Kg)	A	G1	Extension Tube	Hook Spanner	Hydraulic Nut	Hydraulic Pump	Bearings		
H 24176	OH 24176H	360	380	Tr 380x5	310.6	490		HM 3176	MS 3176	32.80	3.47	M6	TE M6 01 or 02		HMV 76E	BH 100-0,7 / BH 160 / BH 160-4.8	24176K30		
H 3980	OH 3980H	380	400	Tr 400x5	168	470		HM 3080	MS 3076-MS 3080	35.00	3.47	M6	TE M6 01 or 02		HMV 80E	BH 100-0,7 / BH 160 / BH 160-4.8	23980K		
H 3980 E	OH 3980HE	380	400	Tr 400x5	168	470		HME 3080	MS 3080-76	35.00	3.47	M6	TE M6 01 or 02		HMV 80E	BH 100-0,7 / BH 160 / BH 160-4.8		C3980K	
H 3080	OH 3080H	380	400	Tr 400x5	210	470		HM 3080	MS 3076-MS 3080	54.00	3.47	M6	TE M6 01 or 02		HMV 80E	BH 100-0,7 / BH 160 / BH 160-4.8	23080K	C3080K	
H 3180 TL	OH 3180HTL	380	400	Tr 400x5	262	470		HM 3080	MS 3076-MS 3080	46.20	3.47	M6	TE M6 01 or 02		HMV 80E	BH 100-0,7 / BH 160 / BH 160-4.8			
H 24080	OH 24080H	380	400	Tr 400x5	272	470		HM 3080	MS 3076-MS 3080	48.00	3.47	M6	TE M6 01 or 02		HMV 80E	BH 100-0,7 / BH 160 / BH 160-4.8	24080K30		
H 3180	OH 3180H	380	400	Tr 400x5	272	520		HM 3180	MS 3180-MS 3184	63.80	3.47	M6	TE M6 01 or 02		HMV 80E	BH 100-0,7 / BH 160 / BH 160-4.8	23180K	C3180K	
H 3180 E	OH 3180HE	380	400	Tr 400x5	272	520		HME 3180	MS 3184-80	63.80	3.47	M6	TE M6 01 or 02		HMV 80E	BH 100-0,7 / BH 160 / BH 160-4.8		23180-2CS5K	
H 3280	OH 3280H	380	400	Tr 400x5	328	520		HM 3180	MS 3180-MS 3184	75.20	3.47	M6	TE M6 01 or 02		HMV 80E	BH 100-0,7 / BH 160 / BH 160-4.8	23280K	22380K	
H 24180	OH 24180H	380	400	Tr 400x5	332	520		HM 3180	MS 3180-MS 3184	75.20	3.47	M6	TE M6 01 or 02		HMV 80E	BH 100-0,7 / BH 160 / BH 160-4.8	24180K30		
H 3984	OH 3984H	400	420	Tr 420x5	168	490		HM 3084	MS 3084	36.60	3.47	M6	TE M6 01 or 02		HMV 84E	BH 100-0,7 / BH 160 / BH 160-4.8	23984K		
H 3984 E	OH 3984HE	400	420	Tr 420x5	168	490		HME 3084	MS 3084	36.60	3.47	M6	TE M6 01 or 02		HMV 84E	BH 100-0,7 / BH 160 / BH 160-4.8		C3984K	
H 3084	OH 3084H	400	420	Tr 420x5	212	490		HM 3084	MS 3084	40.00	3.47	M6	TE M6 01 or 02		HMV 84E	BH 100-0,7 / BH 160 / BH 160-4.8	23084K	C3084K	
H 24084	OH 24084H	400	420	Tr 420x5	274	490		HM 3084	MS 3084	56.00	3.47	M6	TE M6 01 or 02		HMV 84E	BH 100-0,7 / BH 160 / BH 160-4.8	24084K30		
H 3184 TL	OH 3184HTL	400	420	Tr 420x5	286	490		HM 3084	MS 3084	60.60	3.47	M6	TE M6 01 or 02		HMV 84E	BH 100-0,7 / BH 160 / BH 160-4.8			
H 3184	OH 3184H	400	420	Tr 420x5	304	540		HM 3184	MS 3180-MS 3184	77.40	3.47	M6	TE M6 01 or 02		HMV 84E	BH 100-0,7 / BH 160 / BH 160-4.8	23184K	C3184K	
H 3284	OH 3284H	400	420	Tr 420x5	352	540		HM 3184	MS 3180-MS 3184	86.00	3.47	M6	TE M6 01 or 02		HMV 84E	BH 100-0,7 / BH 160 / BH 160-4.8	23284K		
H 24184	OH 24184H	400	420	Tr 420x5	372	540		HM 3184	MS 3180-MS 3184	88.00	3.47	M6	TE M6 01 or 02		HMV 84E	BH 100-0,7 / BH 160 / BH 160-4.8	24184K30		
H 3988	OH 3988H	410	440	Tr 440x5	189	520		HM 3088	MS 3088-MS 3092	57.30	5.96	M8	TE M8 01		HMV 88E	BH 100-0,7 / BH 160 / BH 160-4.8	23988K		
H 3988 E	OH 3988HE	410	440	Tr 440x5	189	520		HME 3088	MS 3092-88	57.30	5.96	M8	TE M8 01		HMV 88E	BH 100-0,7 / BH 160 / BH 160-4.8		C3988K	
H 3088	OH 3088H	410	440	Tr 440x5	228	520		HM 3088	MS 3088-MS 3092	59.40	5.96	M8	TE M8 01		HMV 88E	BH 100-0,7 / BH 160 / BH 160-4.8	23088K		
H 3088 E	OH 3088HE	410	440	Tr 440x5	228	520		HME 3088	MS 3092-88	59.40	5.96	M8	TE M8 01		HMV 88E	BH 100-0,7 / BH 160 / BH 160-4.8		C3088K	
H 24088	OH 24088H	410	440	Tr 440x5	294	520		HM 3088	MS 3088-MS 3092	77.00	5.96	M8	TE M8 01		HMV 88E	BH 100-0,7 / BH 160 / BH 160-4.8	24088K30		
H 3188 TL	OH 3188HTL	410	440	Tr 440x5	297	520		HM 3088	MS 3088-MS 3092	77.00	5.96	M8	TE M8 01		HMV 88E	BH 100-0,7 / BH 160 / BH 160-4.8			
H 3188	OH 3188H	410	440	Tr 440x5	307	560		HM 3188	MS 3188-MS 3192	94.60	5.96	M8	TE M8 01		HMV 88E	BH 100-0,7 / BH 160 / BH 160-4.8	23188K		
H 3188 E	OH 3188HE	410	440	Tr 440x5	307	560		HME 3188	MS 3192-88	94.60	5.96	M8	TE M8 01		HMV 88E	BH 100-0,7 / BH 160 / BH 160-4.8	C3188K		
H 3288	OH 3288H	410	440	Tr 440x5	361	560		HM 3188	MS 3188-MS 3192	110.40	5.96	M8	TE M8 01		HMV 88E	BH 100-0,7 / BH 160 / BH 160-4.8	23288K		
H 24188	OH 24188H	410	440	Tr 440x5	372	560		HM 3188	MS 3188-MS 3192	120.00	5.96	M8	TE M8 01		HMV 88E	BH 100-0,7 / BH 160 / BH 160-4.8	24188K30		
H 3992	OH 3992H	430	460	Tr 460x5	189	540		HM 3092	MS 3088-MS 3092	59.90	5.96	M8	TE M8 01		HMV 92E	BH 100-0,7 / BH 160 / BH 160-4.8	23992K	C3992K	
H 3092	OH 3092H	430	460	Tr 460x5	234	540		HM 3092	MS 3088-MS 3092	64.40	5.96	M8	TE M8 01		HMV 92E	BH 100-0,7 / BH 160 / BH 160-4.8	23092K	C3092K	
H 24092	OH 24092H	430	460	Tr 460x5	300	540		HM 3092	MS 3088-MS 3092	80.00	5.96	M8	TE M8 01		HMV 92E	BH 100-0,7 / BH 160 / BH 160-4.8	24092K30		
H 3192 TL	OH 3192TLH	430	460	Tr 460x5	311	540		HM 3092	MS 3088-MS 3092	84.80	5.96	M8	TE M8 01		HMV 92E	BH 100-0,7 / BH 160 / BH 160-4.8			
H 3192	OH 3192H	430	460	Tr 460x5	326	580		HM 3192	MS 3188-MS 3192	107.60	5.96	M8	TE M8 01		HMV 92E	BH 100-0,7 / BH 160 / BH 160-4.8	23192K	C3192K	
H 3292	OH 3292H	430	460	Tr 460x5	382	580		HM 3192	MS 3188-MS 3192	132.00	5.96	M8	TE M8 01		HMV 92E	BH 100-0,7 / BH 160 / BH 160-4.8	23292K		
H 24192	OH 24192H	430	460	Tr 460x5	398	580		HM 3192	MS 3188-MS 3192	135.00	5.96	M8	TE M8 01		HMV 92E	BH 100-0,7 / BH 160 / BH 160-4.8	24192K30		

* Example of thread part number: TR 300 x 4, TR: Trapezoidal metric thread, 300: Thread diameter, 4: Thread pitch.

* Suffix TL: Sleeves series 3100 assembled with HM 3000 Lock nuts and MS 3000 Locking clips.

ADAPTER SLEEVES

H, OH...H - For Shafts in mm



ADAPTER SLEEVES H WITH HM/MS

REPRESENTATION OF THE OIL GROOVES FOR HYDRAULIC SLEEVES OH...H

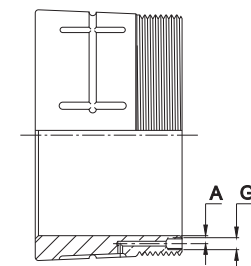
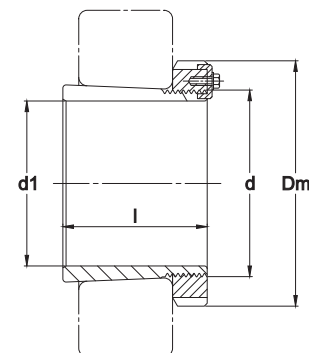
											HYDRAULIC			ASSEMBLY AND WITHDRAWAL TOOL					
Product	Hydraulic Part Number	d1 (mm)	d (mm)	Thread (mm)	l (mm)	Dm (mm)	P	Assembly Nut	Lockwasher / Locking Devices	Weight (Kg)	A	G1	Extension Tube	Hook Spanner	Hydraulic Nut	Hydraulic Pump	Bearings		
H 3996	OH 3996H	450	480	Tr 480x5	200	560		HM 3096	MS 3096-30/500	59.20	5.96	M8	TE M8 01		HMV 96E	BH 100-0,7 / BH 160 / BH 160-4.8	23996K		
H 3996 E	OH 3996HE	450	480	Tr 480x5	200	560		HME 3096	MS 30/500-96	59.20	5.96	M8	TE M8 01		HMV 96E	BH 100-0,7 / BH 160 / BH 160-4.8		C3996K	
H 3096	OH 3096H	450	480	Tr 480x5	237	560		HM 3096	MS 3096-30/500	67.20	5.96	M8	TE M8 01		HMV 96E	BH 100-0,7 / BH 160 / BH 160-4.8	23096K	C3096K	
H 24096	OH 24096H	450	480	Tr 480x5	301	560		HM 3096	MS 3096-30/500	80.00	5.96	M8	TE M8 01		HMV 96E	BH 100-0,7 / BH 160 / BH 160-4.8	24096K30		
H 3196 TL	OH 3196HTL	450	480	Tr 480x5	320	560		HM 3096	MS 3096-30/500	89.70	5.96	M8	TE M8 01		HMV 96E	BH 100-0,7 / BH 160 / BH 160-4.8			
H 3196	OH 3196H	450	480	Tr 480x5	335	620		HM 3196	MS 3196	123.40	5.96	M8	TE M8 01		HMV 96E	BH 100-0,7 / BH 160 / BH 160-4.8	23196K		
H 3196 E	OH 3196HE	450	480	Tr 480x5	335	620		HME 3196	MS 3196	123.40	5.96	M8	TE M8 01		HMV 96E	BH 100-0,7 / BH 160 / BH 160-4.8	C3196K		
H 3296	OH 3296H	450	480	Tr 480x5	397	620		HM 3196	MS 3196	152.00	5.96	M8	TE M8 01		HMV 96E	BH 100-0,7 / BH 160 / BH 160-4.8	23296K		
H 24196	OH 24196H	450	480	Tr 480x5	408	620		HM 3196	MS 3196	152.00	5.96	M8	TE M8 01		HMV 96E	BH 100-0,7 / BH 160 / BH 160-4.8	24196K30		
H 39/500	OH 39/500H	470	500	Tr 500x5	208	580		HM 30/500	MS 3096-30/500	73.10	5.96	M8	TE M8 01		HMV 100E	BH 100-0,7 / BH 160 / BH 160-4.8	239/500K		
H 39/500 E	OH 39/500HE	470	500	Tr 500x5	208	580		HME 30/500	MS 30/500-96	73.10	5.96	M8	TE M8 01		HMV 100E	BH 100-0,7 / BH 160 / BH 160-4.8		C39/500K	
H 30/500	OH 30/500H	470	500	Tr 500x5	247	580		HM 30/500	MS 3096-30/500	75.60	5.96	M8	TE M8 01		HMV 100E	BH 100-0,7 / BH 160 / BH 160-4.8	230/500K	C30/500K	
H 240/500	OH 240/500H	470	500	Tr 500x5	309	580		HM 30/500	MS 3096-30/500	90.00	5.96	M8	TE M8 01		HMV 100E	BH 100-0,7 / BH 160 / BH 160-4.8	240/500K30		
H 31/500 TL	OH 31/500HTL	470	500	Tr 500x5	344	580		HM 30/500	MS 3096-30/500	103.80	5.96	M8	TE M8 01		HMV 100E	BH 100-0,7 / BH 160 / BH 160-4.8			
H 31/500	OH 31/500H	470	500	Tr 500x5	356	630		HM 31/500	MS 31/500	131.80	5.96	M8	TE M8 01		HMV 100E	BH 100-0,7 / BH 160 / BH 160-4.8	231/500K	C31/500K	
H 32/500	OH 32/500H	470	500	Tr 500x5	428	630		HM 31/500	MS 31/500	166.00	5.96	M8	TE M8 01		HMV 100E	BH 100-0,7 / BH 160 / BH 160-4.8	232/500K		
H 241/500	OH 241/500H	470	500	Tr 500x5	430	630		HM 31/500	MS 31/500	162.00	5.96	M8	TE M8 01		HMV 100E	BH 100-0,7 / BH 160 / BH 160-4.8	241/500K30		
H 39/530	OH 39/530H	500	530	Tr 530x6	216	630		HM 30/530	MS 30/530-600	86.90	5.58	M8	TE M8 01		HMV 106E	BH 100-0,7 / BH 160 / BH 160-4.8	239/530K		
H 39/530 E	OH 39/530HE	500	530	Tr 530x6	216	630		HME 30/530	MS 30/600-530	86.90	5.58	M8	TE M8 01		HMV 106E	BH 100-0,7 / BH 160 / BH 160-4.8		C39/530K	
H 30/530	OH 30/530H	500	530	Tr 530x6	265	630		HM 30/530	MS 30/530-600	92.20	5.58	M8	TE M8 01		HMV 106E	BH 100-0,7 / BH 160 / BH 160-4.8	230/530K	C30/530K	
H 240/530	OH 240/530H	500	530	Tr 530x6	343	630		HM 30/530	MS 30/530-600	114.00	5.58	M8	TE M8 01		HMV 106E	BH 160 / BH 160-4.8	240/530K30		
H 31/530 TL	OH 31/530HTL	500	530	Tr 530x6	352	630		HM 30/530	MS 30/530-600	119.80	5.58	M8	TE M8 01		HMV 106E	BH 100-0,7 / BH 160 / BH 160-4.8			
H 31/530	OH 31/530H	500	530	Tr 530x6	364	670		HM 31/530	MS 31/530	147.40	5.58	M8	TE M8 01		HMV 106E	BH 100-0,7 / BH 160 / BH 160-4.8	231/530K	C31/530K	
H 241/530	OH 241/530H	500	530	Tr 530x6	440	670		HM 31/530	MS 31/530	191.00	5.58	M8	TE M8 01		HMV 106E	BH 160 / BH 160-4.8	241/530K30		
H 32/530	OH 32/530H	500	530	Tr 530x6	447	670		HM 31/530	MS 31/530	191.00	5.58	M8	TE M8 01		HMV 106E	BH 100-0,7 / BH 160 / BH 160-4.8	232/530K		
H 39/560	OH 39/560H	530	560	Tr 560x6	227	650		HM 30/560	MS 30/560	93.30	5.57	M8	TE M8 01		HMV 112E	BH 100-0,7 / BH 160 / BH 160-4.8	239/560K		
H 39/560 E	OH 39/560HE	530	560	Tr 560x6	227	650		HME 30/560	MS 30/560	93.30	5.57	M8	TE M8 01		HMV 112E	BH 100-0,7 / BH 160 / BH 160-4.8		C39/560K	
H 30/560	OH 30/560H	530	560	Tr 560x6	282	650		HM 30/560	MS 30/560	110.00	5.57	M8	TE M8 01		HMV 112E	BH 100-0,7 / BH 160 / BH 160-4.8	230/560K	C30/560K	
H 240/560	OH 240/560H	530	560	Tr 560x6	358	650		HM 30/560	MS 30/560	152.00	5.57	M8	TE M8 01		HMV 112E	BH 160 / BH 160-4.8	240/560K30		
H 31/560 TL	OH 31/560HTL	530	560	Tr 560x6	367	650		HM 30/560	MS 30/560	157.40	5.57	M8	TE M8 01		HMV 112E	BH 100-0,7 / BH 160 / BH 160-4.8			
H 31/560	OH 31/560H	530	560	Tr 560x6	377	710		HM 31/560	MS 31/560-600	185.00	5.57	M8	TE M8 01		HMV 112E	BH 100-0,7 / BH 160 / BH 160-4.8	231/560K		
H 31/560 E	OH 31/560HE	530	560	Tr 560x6	377	710		HME 31/560	MS 31/600-560	185.00	5.57	M8	TE M8 01		HMV 112E	BH 100-0,7 / BH 160 / BH 160-4.8		C31/560K	
H 31/600 E	OH 31/600HE	530	600	Tr 600x6	377	750		HME 31/600	MS 31/600-560	234.00	8.07	G1/8	TE 1/8BSP01		HMV 120E	BH 100-0,7 / BH 160 / BH 160-4.8		C31/600K	
H 32/560	OH 32/560H	530	560	Tr 560x6	462	710		HM 31/560	MS 31/560-600	217.00	5.57	M8	TE M8 01		HMV 112E	BH 100-0,7 / BH 160 / BH 160-4.8	232/560K		
H 241/560	OH 241/560H	530	560	Tr 560x6	468	710		HM 31/560	MS 31/560-600	217.00	5.57	M8	TE M8 01		HMV 112E	BH 160 / BH 160-4.8	241/560K30		
H 39/600	OH 39/600H	560	600	Tr 600x6	239	700		HM 30/600	MS 30/530-600	127.00	8.07	G1/8	TE 1/8BSP01		HMV 120E	BH 100-0,7 / BH 160 / BH 160-4.8	239/600K		

* Example of thread part number: TR 300 x 4, TR: Trapezoidal metric thread, 300: Thread diameter, 4: Thread pitch.

* Suffix TL: Sleeves series 3100 assembled with HM 3000 Lock nuts and MS 3000 Locking clips.

ADAPTER SLEEVES

H, OH...H - For Shafts in mm



ADAPTER SLEEVES H WITH HM/MS

REPRESENTATION OF THE OIL GROOVES FOR HYDRAULIC SLEEVES OH...H

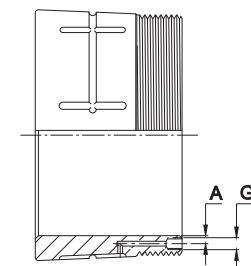
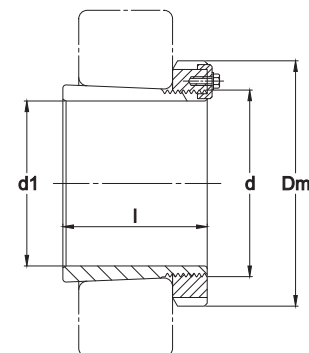
											HYDRAULIC			ASSEMBLY AND WITHDRAWAL TOOL					
Product	Hydraulic Part Number	d1 (mm)	d (mm)	Thread (mm)	l (mm)	Dm (mm)	P	Assembly Nut	Lockwasher / Locking Devices	Weight (Kg)	A	G1	Extension Tube	Hook Spanner	Hydraulic Nut	Hydraulic Pump	Bearings		
H 39/600 E	OH 39/600HE	560	600	Tr 600x6	239	700		HME 30/600	MS 30/600-530	127.00	8.07	G1/8	TE 1/8BSP01		HMV 120E	BH 100-0,7 / BH 160 / BH 160-4.8	C39/600K		
H 30/600	OH 30/600H	560	600	Tr 600x6	289	700		HM 30/600	MS 30/530-600	134.40	8.07	G1/8	TE 1/8BSP01		HMV 120E	BH 100-0,7 / BH 160 / BH 160-4.8	230/600K	C30/600K	
H 240/600	OH 240/600H	560	600	Tr 600x6	377	700		HM 30/600	MS 30/530-600	180.00	8.07	G1/8	TE 1/8BSP01		HMV 120E	BH 160 / BH 160-4.8	240/600K30		
H 31/600 TL	OH 31/600HTL	560	600	Tr 600x6	389	700		HM 30/600	MS 30/530-600	189.10	8.07	G1/8	TE 1/8BSP01		HMV 120E	BH 100-0,7 / BH 160 / BH 160-4.8			
H 31/600	OH 31/600H	560	600	Tr 600x6	399	750		HM 31/600	MS 31/560-600	234.00	8.07	G1/8	TE 1/8BSP01		HMV 120E	BH 100-0,7 / BH 160 / BH 160-4.8	231/600K		
H 32/600	OH 32/600H	560	600	Tr 600x6	487	750		HM 31/600	MS 31/560-600	278.00	8.07	G1/8	TE 1/8BSP01		HMV 120E	BH 100-0,7 / BH 160 / BH 160-4.8	232/600K		
H 241/600	OH 241/600H	560	600	Tr 600x6	490	750		HM 31/600	MS 31/560-600	175.00	8.07	G1/8	TE 1/8BSP01		HMV 120E	BH 160 / BH 160-4.8	241/600K30		
H 39/630	OH 39/630H	600	630	Tr 630x6	254	730		HM 30/630	MS 30/630	110.00	5.57	G1/8	TE 1/8BSP01		HMV 126E	BH 100-0,7 / BH 160 / BH 160-4.8	239/630K		
H 39/630 E	OH 39/630HE	600	630	Tr 630x6	254	730		HME 30/630	MS 30/630	110.00	5.57	G1/8	TE 1/8BSP01		HMV 126E	BH 100-0,7 / BH 160 / BH 160-4.8		C39/630K	
H 30/630	OH 30/630H	600	630	Tr 630x6	301	730		HM 30/630	MS 30/630	126.20	5.57	G1/8	TE 1/8BSP01		HMV 126E	BH 100-0,7 / BH 160 / BH 160-4.8	230/630K	C30/630K	
H 240/630	OH 240/630H	600	630	Tr 630x6	395	730		HM 30/630	MS 30/630	170.00	5.57	M8	TE M8 01		HMV 126E	BH 160 / BH 160-4.8	240/630K30		
H 31/630 TL	OH 31/630HTL	600	630	Tr 630x6	404	730		HM 30/630	MS 30/630	176.40	5.57	G1/8	TE 1/8BSP01		HMV 126E	BH 100-0,7 / BH 160 / BH 160-4.8			
H 31/630	OH 31/630H	600	630	Tr 630x6	424	800		HM 31/630	MS 31/630	231.20	5.57	G1/8	TE 1/8BSP01		HMV 126E	BH 100-0,7 / BH 160 / BH 160-4.8	231/630K		
H 31/630 E	OH 31/630HE	600	630	Tr 630x6	424	800		HME 31/630	MS 31/630	231.20	5.57	G1/8	TE 1/8BSP01		HMV 126E	BH 100-0,7 / BH 160 / BH 160-4.8	C31/630K		
H 32/630	OH 32/630H	600	630	Tr 630x6	521	800		HM 31/630	MS 31/630	298.00	5.57	G1/8	TE 1/8BSP01		HMV 126E	BH 100-0,7 / BH 160 / BH 160-4.8	232/630K		
H 241/630	OH 241/630H	600	630	Tr 630x6	525	800		HM 31/630	MS 31/630	298.00	5.57	M8	TE M8 01		HMV 126E	BH 160 / BH 160-4.8	241/630K30		
H 39/670	OH 39/670H	630	670	Tr 670x6	264	780		HM 30/670	MS 30/670	163.00	8.07	G1/8	TE 1/8BSP01		HMV 134E	BH 100-0,7 / BH 160 / BH 160-4.8	239/670K	C39/670K	
H 30/670	OH 30/670H	630	670	Tr 670x6	324	780		HM 30/670	MS 30/670	191.00	8.07	G1/8	TE 1/8BSP01		HMV 134E	BH 100-0,7 / BH 160 / BH 160-4.8	230/670K	C30/670K	
H 240/670	OH 240/670H	630	670	Tr 670x6	418	780		HM 30/670	MS 30/670	230.00	8.07	G1/8	TE 1/8BSP01		HMV 134E	BH 160 / BH 160-4.8	240/670K30		
H 31/670 TL	OH 31/670HTL	630	670	Tr 670x6	430	780		HM 30/670	MS 30/670	248.20	8.07	G1/8	TE 1/8BSP01		HMV 134E	BH 100-0,7 / BH 160 / BH 160-4.8			
H 31/670	OH 31/670H	630	670	Tr 670x6	456	850		HM 31/670	MS 31/670	344.00	8.07	G1/8	TE 1/8BSP01		HMV 134E	BH 100-0,7 / BH 160 / BH 160-4.8	231/670K		
H 31/670 E	OH 31/670HE	630	670	Tr 670x6	456	850		HME 31/670	MS 31/670	344.00	8.07	G1/8	TE 1/8BSP01		HMV 134E	BH 100-0,7 / BH 160 / BH 160-4.8	C31/670K		
H 241/670	OH 241/670H	630	670	Tr 670x6	548	850		HM 31/670	MS 31/670	355.00	8.07	G1/8	TE 1/8BSP01		HMV 134E	BH 160 / BH 160-4.8	241/670K30		
H 32/670	OH 32/670H	630	670	Tr 670x6	558	850		HM 31/670	MS 31/670	404.00	8.07	G1/8	TE 1/8BSP01		HMV 134E	BH 100-0,7 / BH 160 / BH 160-4.8	232/670K		
H 39/710	OH 39/710H	670	710	Tr 710x7	286	830		HM 30/710	MS 30/710	196.00	7.80	G1/8	TE 1/8BSP01		HMV 142E	BH 160 / BH 160-4.8	239/710K		
H 39/710 E	OH 39/710HE	670	710	Tr 710x7	286	830		HME 30/710	MS 30/710	196.00	7.80	G1/8	TE 1/8BSP01		HMV 142E	BH 160 / BH 160-4.8		C39/710K	
H 30/710	OH 30/710H	670	710	Tr 710x7	342	830		HM 30/710	MS 30/710	223.00	7.80	G1/8	TE 1/8BSP01		HMV 142E	BH 160 / BH 160-4.8	230/710K	C30/710K	
H 30/710 E	OH 30/710HE	670	710	Tr 710x7	342	830		HME 30/710	MS 30/710	223.00	7.80	G1/8	TE 1/8BSP01		HMV 142E	BH 160 / BH 160-4.8		C30/710K	
H 240/710	OH 240/710H	670	710	Tr 710x7	438	830		HM 30/710	MS 30/710	285.00	7.80	G1/8	TE 1/8BSP01		HMV 142E	BH 160 / BH 160-4.8	240/710K30		
H 31/710 TL	OH 31/710HTL	670	710	Tr 710x7	451	830		HM 30/710	MS 30/710	288.70	7.80	G1/8	TE 1/8BSP01		HMV 142E	BH 160 / BH 160-4.8			
H 31/710	OH 31/710H	670	710	Tr 710x7	467	900		HM 31/710	MS 31/710	378.00	7.80	G1/8	TE 1/8BSP01		HMV 142E	BH 160 / BH 160-4.8	231/710K		
H 31/710 E	OH 31/710HE	670	710	Tr 710x7	467	900		HME 31/710	MS 31/710	378.00	7.80	G1/8	TE 1/8BSP01		HMV 142E	BH 160 / BH 160-4.8	C31/710K		
H 32/710	OH 32/710H	670	710	Tr 710x7	572	900		HM 31/710	MS 31/710	444.00	7.80	G1/8	TE 1/8BSP01		HMV 142E	BH 160 / BH 160-4.8	232/710K		
H 241/710	OH 241/710H	670	710	Tr 710x7	577	900		HM 31/710	MS 31/710	444.00	7.80	G1/8	TE 1/8BSP01		HMV 142E	BH 160 / BH 160-4.8	241/710K30		
H 39/750	OH 39/750H	710	750	Tr 750x7	291	870		HM 30/750	MS 30/750-800	209.00	7.80	G1/8	TE 1/8BSP01		HMV 150E	BH 160 / BH 160-4.8	239/750K		
H 39/750 E	OH 39/750HE	710	750	Tr 750x7	291	870		HME 30/750	MS 30/800-750	209.00	7.80	G1/8	TE 1/8BSP01		HMV 150E	BH 160 / BH 160-4.8		C39/750K	

* Example of thread part number: TR 300 x 4, TR: Trapezoidal metric thread, 300: Thread diameter, 4: Thread pitch.

* Suffix TL: Sleeves series 3100 assembled with HM 3000 Lock nuts and MS 3000 Locking clips.

ADAPTER SLEEVES

H, OH...H - For Shafts in mm



ADAPTER SLEEVES H WITH HM/MS

REPRESENTATION OF THE OIL GROOVES FOR HYDRAULIC SLEEVES OH...H

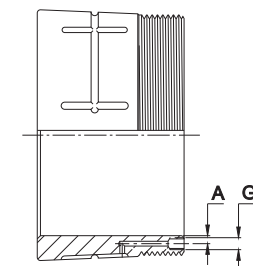
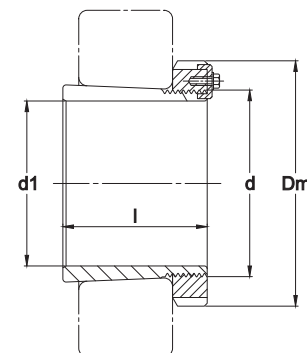
											HYDRAULIC			ASSEMBLY AND WITHDRAWAL TOOL					
Product	Hydraulic Part Number	d1 (mm)	d (mm)	Thread (mm)	l (mm)	Dm (mm)	P	Assembly Nut	Lockwasher / Locking Devices	Weight (Kg)	A	G1	Extension Tube	Hook Spanner	Hydraulic Nut	Hydraulic Pump	Bearings		
H 30/750	OH 30/750H	710	750	Tr 750x7	356	870		HM 30/750	MS 30/750-800	243.00	7.80	G1/8	TE 1/8BSP01		HMV 150E	BH 160 / BH 160-4.8	230/750K	C30/750K	
H 30/750 E	OH 30/750HE	710	750	Tr 750x7	356	870		HME 30/750	MS 30/800-750	243.00	7.80	G1/8	TE 1/8BSP01		HMV 150E	BH 160 / BH 160-4.8			
H 240/750	OH 240/750H	710	750	Tr 750x7	460	870		HM 30/750	MS 30/750-800	332.60	7.80	G1/8	TE 1/8BSP01		HMV 150E	BH 160 / BH 160-4.8	240/750K30		
H 31/750 TL	OH 31/750HTL	710	750	Tr 750x7	471	870		HM 30/750	MS 30/750-800	332.60	7.80	G1/8	TE 1/8BSP01		HMV 150E	BH 160 / BH 160-4.8	231/750K		
H 31/750	OH 31/750H	710	750	Tr 750x7	493	950		HM 31/750	MS 31/750-800	452.00	7.80	G1/8	TE 1/8BSP01		HMV 150E	BH 160 / BH 160-4.8	C31/710K		
H 31/750 E	OH 31/750HE	710	750	Tr 750x7	493	950		HME 31/750	MS 31/800-750	452.00	7.80	G1/8	TE 1/8BSP01		HMV 150E	BH 160 / BH 160-4.8	C31/750K		
H 32/750	OH 32/750H	710	750	Tr 750x7	603	950		HM 31/750	MS 31/750-800	507.00	7.80	G1/8	TE 1/8BSP01		HMV 150E	BH 160 / BH 160-4.8	232/750K		
H 241/750	OH 241/750H	710	750	Tr 750x7	622	950		HM 31/750	MS 31/750-800	507.00	7.80	G1/8	TE 1/8BSP01		HMV 150E	BH 160 / BH 160-4.8	241/750K30		
H 39/800	OH 39/800H	750	800	Tr 800x7	303	920		HM 30/800	MS 30/750-800	237.80	10.30	G1/8	TE 1/8BSP01		HMV 160E	BH 160 / BH 160-4.8	239/800K	C39/800K	
H 39/800 E	OH 39/800HE	750	800	Tr 800x7	303	920		HME 30/800	MS 30/800-750	237.80	10.30	G1/8	TE 1/8BSP01		HMV 160E	BH 160 / BH 160-4.8			
H 30/800	OH 30/800H	750	800	Tr 800x7	366	920		HM 30/800	MS 30/750-800	235.60	10.30	G1/8	TE 1/8BSP01		HMV 160E	BH 160 / BH 160-4.8	230/800K		
H 30/800 E	OH 30/800HE	750	800	Tr 800x7	366	920		HME 30/800	MS 30/800-750	235.60	10.30	G1/8	TE 1/8BSP01		HMV 160E	BH 160 / BH 160-4.8			
H 240/800	OH 240/800H	750	800	Tr 800x7	475	920		HM 30/800	MS 30/750-800	388.20	10.30	G1/8	TE 1/8BSP01		HMV 160E	BH 160-4.8	240/800K30		
H 31/800 TL	OH 31/800HTL	750	800	Tr 800x7	483	920		HM 30/800	MS 30/750-800	388.20	10.30	G1/8	TE 1/8BSP01		HMV 160E	BH 160 / BH 160-4.8	231/800K		
H 31/800	OH 31/800H	750	800	Tr 800x7	505	1000		HM 31/800	MS 31/750-800	535.00	10.30	G1/8	TE 1/8BSP01		HMV 160E	BH 160 / BH 160-4.8	231/800K		
H 31/800 E	OH 31/800HE	750	800	Tr 800x7	505	1000		HME 31/800	MS 31/800-750	535.00	10.30	G1/8	TE 1/8BSP01		HMV 160E	BH 160 / BH 160-4.8	C31/800K		
H 32/800	OH 32/800H	750	800	Tr 800x7	618	1000		HM 31/800	MS 31/750-800	611.00	10.30	G1/8	TE 1/8BSP01		HMV 160E	BH 160 / BH 160-4.8	232/800K	C32/800K	
H 241/800	OH 241/800H	750	800	Tr 800x7	627	1000		HM 31/800	MS 31/750-800	610.00	10.30	G1/8	TE 1/8BSP01		HMV 160E	BH 160-4.8	241/800K30		
H 39/850	OH 39/850H	800	850	Tr 850x7	308	980		HM 30/850	MS 30/850-900	288.00	10.30	G1/8	TE 1/8BSP01		HMV 170E	BH 160 / BH 160-4.8	239/850K		C39/850K
H 39/850 E	OH 39/850HE	800	850	Tr 850x7	308	980		HME 30/850	MS 30/900-850	288.00	10.30	G1/8	TE 1/8BSP01		HMV 170E	BH 160 / BH 160-4.8			
H 30/850	OH 30/850H	800	850	Tr 850x7	380	980		HM 30/850	MS 30/850-900	341.00	10.30	G1/8	TE 1/8BSP01		HMV 170E	BH 160 / BH 160-4.8	230/850K		
H 30/850 E	OH 30/850HE	800	850	Tr 850x7	380	980		HME 30/850	MS 30/900-850	341.00	10.30	G1/8	TE 1/8BSP01		HMV 170E	BH 160 / BH 160-4.8			
H 240/850	OH 240/850H	800	850	Tr 850x7	495	980		HM 30/850	MS 30/850-900	455.00	10.30	G1/8	TE 1/8BSP01		HMV 170E	BH 160-4.8	240/850K30		
H 31/850 TL	OH 31/850HTL	800	850	Tr 850x7	508	980		HM 30/850	MS 30/850-900	455.00	10.30	G1/8	TE 1/8BSP01		HMV 170E	BH 160 / BH 160-4.8	231/850K		
H 31/850	OH 31/850H	800	850	Tr 850x7	536	1060		HM 31/850	MS 31/850	616.00	10.30	G1/8	TE 1/8BSP01		HMV 170E	BH 160 / BH 160-4.8	231/850K		
H 31/850 E	OH 31/850HE	800	850	Tr 850x7	536	1060		HME 31/850	MS 31/850	616.00	10.30	G1/8	TE 1/8BSP01		HMV 170E	BH 160 / BH 160-4.8	C31/850K		
H 32/850	OH 32/850H	800	850	Tr 850x7	651	1060		HM 31/850	MS 31/850	696.00	10.30	G1/8	TE 1/8BSP01		HMV 170E	BH 160 / BH 160-4.8	232/850K	C32/850K	
H 241/850	OH 241/850H	800	850	Tr 850x7	658	1060		HM 31/850	MS 31/850	696.00	10.30	G1/8	TE 1/8BSP01		HMV 170E	BH 160-4.8	241/850K30		
H 39/900	OH 39/900H	850	900	Tr 900x7	326	1030		HM 30/900	MS 30/850-900	335.00	10.29	G1/8	TE 1/8BSP01		HMV 180E	BH 160 / BH 160-4.8	239/900K		C39/900K
H 39/900 E	OH 39/900HE	850	900	Tr 900x7	326	1030		HME 30/900	MS 30/900-850	335.00	10.29	G1/8	TE 1/8BSP01		HMV 180E	BH 160 / BH 160-4.8			
H 30/900	OH 30/900H	850	900	Tr 900x7	400	1030		HM 30/900	MS 30/850-900	350.80	10.29	G1/8	TE 1/8BSP01		HMV 180E	BH 160 / BH 160-4.8	230/900K		
H 30/900 E	OH 30/900HE	850	900	Tr 900x7	400	1030		HME 30/900	MS 30/900-850	350.80	10.29	G1/8	TE 1/8BSP01		HMV 180E	BH 160 / BH 160-4.8			
H 240/900	OH 240/900H	850	900	Tr 900x7	520	1030		HM 30/900	MS 30/850-900	510.00	10.29	G1/8	TE 1/8BSP01		HMV 180E	BH 160-4.8	240/900K30		
H 31/900 TL	OH 31/900HTL	850	900	Tr 900x7	532	1030		HM 30/900	MS 30/850-900	513.00	10.29	G1/8	TE 1/8BSP01		HMV 180E	BH 160 / BH 160-4.8	231/900K		
H 31/900	OH 31/900H	850	900	Tr 900x7	557	1120		HM 31/900	MS 31/900	677.00	10.29	G1/8	TE 1/8BSP01		HMV 180E	BH 160 / BH 160-4.8	231/900K		
H 32/900	OH 32/900H	850	900	Tr 900x7	660	1120		HM 31/900	MS 31/900	775.00	10.29	G1/8	TE 1/8BSP01		HMV 180E	BH 160 / BH 160-4.8	232/900K	C32/900K	
H 241/900	OH 241/900H	850	900	Tr 900x7	685	1120		HM 31/900	MS 31/900	760.00	10.29	G1/8	TE 1/8BSP01		HMV 180E	BH 160-4.8	241/900K30		

* Example of thread part number: TR 300 x 4, TR: Trapezoidal metric thread, 300: Thread diameter, 4: Thread pitch.

* Suffix TL: Sleeves series 3100 assembled with HM 3000 Lock nuts and MS 3000 Locking clips.

ADAPTER SLEEVES

H, OH...H - For Shafts in mm



ADAPTER SLEEVES H WITH HM/MS

REPRESENTATION OF THE OIL GROOVES FOR HYDRAULIC SLEEVES OH...H

											HYDRAULIC			ASSEMBLY AND WITHDRAWAL TOOL					
Product	Hydraulic Part Number	d1 (mm)	d (mm)	Thread (mm)	l (mm)	Dm (mm)	P	Assembly Nut	Lockwasher / Locking Devices	Weight (Kg)	A	G1	Extension Tube	Hook Spanner	Hydraulic Nut	Hydraulic Pump	Bearings		
H 39/950	OH 39/950H	900	950	Tr 950x8	344	1080		HM 30/950	MS 30/950	363.00	10.03	G1/8	TE 1/8BSP01		HMV 190E	BH 160 / BH 160-4.8	239/950K	C39/950K	
H 39/950 E	OH 39/950HE	900	950	Tr 950x8	344	1080		HME 30/950	MS 30/950	363.00	10.03	G1/8	TE 1/8BSP01		HMV 190E	BH 160 / BH 160-4.8	230/950K		
H 30/950	OH 30/950H	900	950	Tr 950x8	420	1080		HM 30/950	MS 30/950	424.00	10.03	G1/8	TE 1/8BSP01		HMV 190E	BH 160 / BH 160-4.8	240/950K30		
H 30/950 E	OH 30/950HE	900	950	Tr 950x8	420	1080		HME 30/950	MS 30/950	424.00	10.03	G1/8	TE 1/8BSP01		HMV 190E	BH 160-4.8	231/950K		
H 240/950	OH 240/950H	900	950	Tr 950x8	557	1080		HM 30/950	MS 30/950	560.00	10.03	G1/8	TE 1/8BSP01		HMV 190E	BH 160 / BH 160-4.8	232/950K	C30/950K	
H 31/950 TL	OH 31/950HTL	900	950	Tr 950x8	558	1080		HM 30/950	MS 30/950	65.00	10.03	G1/8	TE 1/8BSP01		HMV 190E	BH 160 / BH 160-4.8	241/950K30		
H 31/950	OH 31/950H	900	950	Tr 950x8	583	1170		HM 31/950	MS 31/950	738.00	10.03	G1/8	TE 1/8BSP01		HMV 190E	BH 160 / BH 160-4.8	239/1000K		
H 32/950	OH 32/950H	900	950	Tr 950x8	675	1170		HM 31/950	MS 31/950	835.00	10.03	G1/8	TE 1/8BSP01		HMV 190E	BH 160 / BH 160-4.8	230/1000K		
H 241/950	OH 241/950H	900	950	Tr 950x8	715	1170		HM 31/950	MS 31/950	850.00	10.03	G1/8	TE 1/8BSP01		HMV 190E	BH 160-4.8	240/1000K30	C30/1000K	
H 39/1000	OH 39/1000H	950	1000	Tr 1000x8	358	1140		HM 30/1000	MS 30/1000	373.00	10.03	G1/8	TE 1/8BSP01		HMV 200E	BH 160 / BH 160-4.8	231/1000K		
H 30/1000	OH 30/1000H	950	1000	Tr 1000x8	430	1140		HM 30/1000	MS 30/1000	426.00	10.03	G1/8	TE 1/8BSP01		HMV 200E	BH 160 / BH 160-4.8	240/1000K30		
H 30/1000 E	OH 30/1000HE	950	1000	Tr 1000x8	430	1140		HME 30/1000	MS 30/1000	426.00	10.03	G1/8	TE 1/8BSP01		HMV 200E	BH 160 / BH 160-4.8	231/1000K		
H 240/1000	OH 240/1000H	950	1000	Tr 1000x8	562	1140		HM 30/1000	MS 30/1000	539.00	10.03	G1/8	TE 1/8BSP01		HMV 200E	BH 160-4.8	232/1000K	C31/1000K	
H 31/1000 TL	OH 31/1000HTL	950	1000	Tr 1000x8	584	1140		HM 30/1000	MS 30/1000	622.00	10.03	G1/8	TE 1/8BSP01		HMV 200E	BH 160 / BH 160-4.8	241/1000K30		
H 31/1000	OH 31/1000H	950	1000	Tr 1000x8	609	1240		HM 31/1000	MS 31/1000	842.00	10.03	G1/8	TE 1/8BSP01		HMV 200E	BH 160 / BH 160-4.8	239/1060K		
H 31/1000 E	OH 31/1000HE	950	1000	Tr 1000x8	609	1240		HME 31/1000	MS 31/1000	842.00	10.03	G1/8	TE 1/8BSP01		HMV 200E	BH 160 / BH 160-4.8	230/1060K		
H 32/1000	OH 32/1000H	950	1000	Tr 1000x8	707	1240		HM 31/1000	MS 31/1000	952.00	10.00	G1/8	TE 1/8BSP01		HMV 200E	BH 160 / BH 160-4.8	240/1060K30	C39/1060K	
H 241/1000	OH 241/1000H	950	1000	Tr 1000x8	755	1240		HM 31/1000	MS 31/1000	910.00	10.03	G1/8	TE 1/8BSP01		HMV 200E	BH 160-4.8	231/1060K		
H 39/1060	OH 39/1060H	1000	1060	Tr 1060x8	372	1200		HM 30/1060	MS 30/1000	490.00	12.53	G1/4	TE 1/4BSP 01		HMV 212E	BH 160 / BH 160-4.8	241/1060K30		
H 39/1060 E	OH 39/1060HE	1000	1060	Tr 1060x8	372	1200		HME 30/1060	MS 30/1000	490.00	12.53	G1/4	TE 1/4BSP 01		HMV 212E	BH 160 / BH 160-4.8	239/1060K		
H 30/1060	OH 30/1060H	1000	1060	Tr 1060x8	447	1200		HM 30/1060	MS 30/1000	571.00	12.53	G1/4	TE 1/4BSP 01		HMV 212E	BH 160 / BH 160-4.8	230/1060K	C30/1060K	
H 240/1060	OH 240/1060H	1000	1060	Tr 1060x8	588	1200		HM 30/1060	MS 30/1000	710.00	12.53	G1/4	TE 1/4BSP 01		HMV 212E	BH 160-4.8	240/1060K30		
H 31/1060 TL	OH 31/1060HTL	1000	1060	Tr 1060x8	597	1200		HM 30/1060	MS 30/1000	744.00	12.53	G1/4	TE 1/4BSP 01		HMV 212E	BH 160 / BH 160-4.8	231/1060K		
H 31/1060	OH 31/1060H	1000	1060	Tr 1060x8	622	1300		HM 31/1060	MS 31/1000	984.00	12.53	G1/4	TE 1/4BSP 01		HMV 212E	BH 160 / BH 160-4.8	231/1060K		
H 241/1060	OH 241/1060H	1000	1060	Tr 1060x8	775	1300		HM 31/1060	MS 31/1000	1104.00	12.53	G1/4	TE 1/4BSP 01		HMV 212E	BH 160-4.8	241/1060K30	C39/1060K	
																	239/1060K		
																	230/1060K		
																	240/1060K30		
																	231/1060K	C30/1060K	
																	231/1060K		
																	241/1060K30		
																	239/1060K		