

レギュラー刃長

Regular



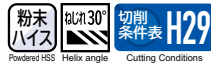
+0.03~0



(mm)



4ESMR



商品コード Item code	在庫 Stock	寸法 Size (mm)				希望小売 価格(円) Suggested retail price(¥)
		外径 Tool dia.	刃長 Flute length	全長 Overall length	シャンク径 Shank dia.	
4ESMR2.5	□	2.5	10	55	6	—
4ESMR3	●	3	10	55	6	5,380
4ESMR3.5	□	3.5	12	60	8	—
4ESMR4	●	4	12	60	8	5,380
4ESMR4.5	□	4.5	15	60	8	—
4ESMR5	●	5	15	65	8	5,380
4ESMR5.5	□	5.5	15	65	8	—
4ESMR6	●	6	15	65	8	5,380
4ESMR6.5	□	6.5	20	75	10	—
4ESMR7	●	7	20	75	10	5,930
4ESMR7.5	□	7.5	20	75	10	—
4ESMR8	●	8	20	75	10	5,930
4ESMR8.5	□	8.5	25	80	10	—
4ESMR9	●	9	25	80	10	6,800
4ESMR9.5	□	9.5	25	90	10	—
4ESMR10	●	10	25	90	10	6,800
4ESMR11	●	11	30	95	12	8,720
4ESMR12	●	12	30	95	12	8,720
4ESMR13	●	13	35	100	12	11,490
4ESMR14	●	14	35	105	16	11,490
4ESMR15	●	15	40	110	16	12,750
4ESMR16	●	16	40	110	16	13,780
4ESMR17	●	17	40	110	16	16,490
4ESMR18	●	18	40	110	16	16,490
4ESMR19	●	19	45	125	20	19,970
4ESMR20	●	20	45	125	20	19,970
4ESMR21	□	21	45	125	20	—
4ESMR22	●	22	45	125	20	25,270
4ESMR23	□	23	50	125	25	—
4ESMR24	●	24	50	125	25	29,350
4ESMR25	●	25	50	125	25	29,350
4ESMR26	●	26	50	125	25	32,220
4ESMR27	□	27	55	125	25	—
4ESMR28	●	28	55	125	25	38,430
4ESMR29	□	29	55	125	25	—
4ESMR30	●	30	55	125	25	46,900
4ESMR31	□	31	60	160	32	—
4ESMR32	□	32	60	160	32	—
4ESMR33	□	33	60	160	32	—
4ESMR34	□	34	60	160	32	—
4ESMR35	□	35	60	160	32	—
4ESMR36	□	36	60	160	32	—
4ESMR37	□	37	60	160	32	—
4ESMR38	□	38	65	165	32	—
4ESMR39	□	39	65	165	32	—
4ESMR40	□	40	65	165	32	—

●印：標準在庫品です。

●：Stoked items.

□印：特定代理店在庫です。弊社営業へお問合せください。

□：Stocked by specified distributor. Contact with our sales department.

ロング刃長

Long



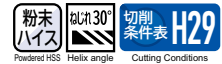
+0.03~0



(mm)



4ESML



商品コード Item code	在庫 Stock	寸法 Size (mm)				希望小売 価格(円) Suggested retail price(¥)
		外径 Tool dia.	刃長 Flute length	全長 Overall length	シャンク径 Shank dia.	
4ESML3	●	3	15	60	6	6,360
4ESML4	●	4	20	65	6	6,360
4ESML5	●	5	25	70	6	6,360
4ESML6	●	6	25	70	6	6,360
4ESML7	□	7	35	85	8	—
4ESML8	●	8	35	85	8	7,420
4ESML9	□	9	45	100	10	—
4ESML10	●	10	45	100	10	8,290
4ESML11	□	11	55	120	12	—
4ESML12	●	12	55	120	12	10,170
4ESML13	□	13	55	120	12	—
4ESML14	●	14	55	125	16	13,910
4ESML15	●	15	65	135	16	15,440
4ESML16	●	16	65	135	16	17,100
4ESML17	□	17	65	135	16	—
4ESML18	●	18	65	135	16	21,040
4ESML19	□	19	75	155	20	—
4ESML20	●	20	75	155	20	24,360
4ESML21	□	21	75	155	20	—
4ESML22	□	22	75	155	20	—
4ESML23	□	23	90	180	25	—
4ESML24	□	24	90	180	25	—
4ESML25	●	25	90	180	25	39,790
4ESML26	□	26	90	180	25	—
4ESML27	□	27	90	180	25	—
4ESML28	□	28	90	180	25	—
4ESML29	□	29	90	180	25	—
4ESML30	●	30	90	180	25	62,630
4ESML31	□	31	95	195	32	—
4ESML32	□	32	95	195	32	—
4ESML33	□	33	95	195	32	—
4ESML34	□	34	95	195	32	—
4ESML35	●	35	100	200	32	94,850
4ESML36	□	36	100	200	32	—
4ESML37	□	37	100	200	32	—
4ESML38	□	38	105	205	32	—
4ESML39	□	39	110	210	32	—
4ESML40	●	40	110	210	32	132,360

4ESMR、4ESMLの対応被削材

Applicable work material of 4ESMR, 4ESML

炭素鋼 合金鋼 Carbon steel Alloy steel	炭素鋼 合金鋼 Pre-hardened steel	高硬度 Hardened steel			ステン レス鋼 Stainless steel	チタン合金 耐熱合金 Titanium alloy Heat-resistant alloy	銅合金 Copper alloy	アルミ 合金 Aluminum alloy
○	≤ 45HRC	> 45HRC ≤ 55HRC	> 55HRC ≤ 65HRC	> 65HRC	○	○	○	○

再研磨対応外径範囲

Re-grinding compatibility range

商品コード Item code	外周 Outer dia. (mm)	エンド End (mm)
4ESMR	6 ~ 40	4 ~ 40
4ESML	6 ~ 40	3 ~ 40