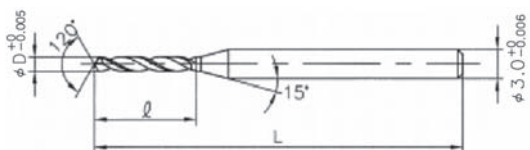


# 樹脂加工用 超硬ルーマ型ドリル

**YSPDR形**  
**ノンコート**

$\phi 3$ シャンク  
2枚刃  
右刃右ネジレ30°



●切削条件 P.88

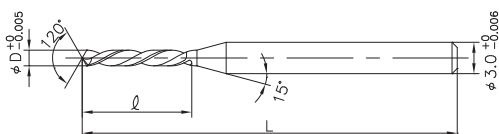
型番	ツールNo.	直径 D	溝長 $l$	全長 L	価格
YSPDR-010	KY23149	0.1	1.2	38	5,340
YSPDR-011	KY23179	0.11	1.2	38	5,340
YSPDR-012	KY23180	0.12	1.4	38	5,340
YSPDR-013	KY23181	0.13	1.4	38	5,340
YSPDR-014	KY23182	0.14	1.4	38	5,340
YSPDR-015	KY23183	0.15	1.8	38	5,340
YSPDR-020	KY23150	0.2	2.4	38	4,940
YSPDR-021	KY23184	0.21	2.4	38	4,940
YSPDR-022	KY23185	0.22	2.6	38	4,940
YSPDR-023	KY23186	0.23	2.6	38	4,940
YSPDR-024	KY23187	0.24	2.6	38	4,940
YSPDR-025	KY23188	0.25	3	38	4,940
YSPDR-030	KY23151	0.3	5	38	4,470
YSPDR-031	KY23189	0.31	5	38	4,470
YSPDR-032	KY23190	0.32	5	38	4,470
YSPDR-033	KY23191	0.33	5	38	4,470
YSPDR-034	KY23192	0.34	5	38	4,470
YSPDR-035	KY23193	0.35	5	38	4,470
YSPDR-040	KY23152	0.4	6	38	3,340
YSPDR-041	KY23194	0.41	6	38	3,340
YSPDR-042	KY23195	0.42	6	38	3,340
YSPDR-043	KY23196	0.43	6	38	3,340
YSPDR-044	KY23197	0.44	6	38	3,340
YSPDR-045	KY23198	0.45	6	38	3,340
YSPDR-050	KY23153	0.5	7	38	3,340
YSPDR-051	KY23199	0.51	7	38	3,340
YSPDR-052	KY23200	0.52	7	38	3,340
YSPDR-053	KY23201	0.53	7	38	3,340
YSPDR-054	KY23202	0.54	7	38	3,340
YSPDR-055	KY23203	0.55	7	38	3,340
YSPDR-060	KY23154	0.6	8.5	38	3,340
YSPDR-061	KY23204	0.61	8.5	38	3,340
YSPDR-062	KY23205	0.62	8.5	38	3,340
YSPDR-063	KY23206	0.63	8.5	38	3,340
YSPDR-064	KY23207	0.64	8.5	38	3,340
YSPDR-065	KY23208	0.65	8.5	38	3,340
YSPDR-070	KY23155	0.7	8.5	38	3,340
YSPDR-071	KY23209	0.71	8.5	38	3,340
YSPDR-072	KY23210	0.72	8.5	38	3,340
YSPDR-073	KY23211	0.73	8.5	38	3,340

型番	ツールNo.	直径 D	溝長 $l$	全長 L	価格
YSPDR-074	KY23212	0.74	8.5	38	3,340
YSPDR-075	KY23213	0.75	8.5	38	3,340
YSPDR-080	KY23156	0.8	10	38	3,340
YSPDR-081	KY23214	0.81	10	38	3,340
YSPDR-082	KY23215	0.82	10	38	3,340
YSPDR-083	KY23216	0.83	10	38	3,340
YSPDR-084	KY23217	0.84	10	38	3,340
YSPDR-085	KY23218	0.85	10	38	3,340
YSPDR-090	KY23157	0.9	10	38	3,340
YSPDR-091	KY23219	0.91	10	38	3,340
YSPDR-092	KY23220	0.92	10	38	3,340
YSPDR-093	KY23221	0.93	10	38	3,340
YSPDR-094	KY23222	0.94	10	38	3,340
YSPDR-095	KY23223	0.95	10	38	3,340
YSPDR-100	KY23158	1	10	38	3,340
YSPDR-101	KY23224	1.01	10	38	3,340
YSPDR-102	KY23225	1.02	10	38	3,340
YSPDR-103	KY23226	1.03	10	38	3,340
YSPDR-104	KY23227	1.04	10	38	3,340
YSPDR-105	KY23228	1.05	10	38	3,340
YSPDR-110	KY23159	1.1	10	38	3,340
YSPDR-120	KY23160	1.2	10	38	3,340
YSPDR-130	KY23161	1.3	10.5	38	3,340
YSPDR-140	KY23162	1.4	10.5	38	3,340
YSPDR-150	KY23163	1.5	10.5	38	3,340
YSPDR-160	KY23164	1.6	10.5	38	3,840
YSPDR-170	KY23165	1.7	10.5	38	3,840
YSPDR-180	KY23166	1.8	10.5	38	3,840
YSPDR-190	KY23167	1.9	10.5	38	3,840
YSPDR-200	KY23168	2	10.5	38	3,840
YSPDR-210	KY23169	2.1	10.5	38	3,840
YSPDR-220	KY23170	2.2	10.5	38	3,840
YSPDR-230	KY23171	2.3	10.5	38	3,840
YSPDR-240	KY23172	2.4	10.5	38	3,840
YSPDR-250	KY23173	2.5	10.5	38	3,840
YSPDR-260	KY23174	2.6	10.5	38	3,840
YSPDR-270	KY23175	2.7	10.5	38	4,140
YSPDR-280	KY23176	2.8	10.5	38	4,140
YSPDR-290	KY23177	2.9	10.5	38	4,140
YSPDR-300	KY23178	3	10.5	38	4,140

# 樹脂加工用 超硬ルーマ型ドリル(左刃左ネジレ)

**YSPDR-L形**  
**ノンコート**

φ3シャンク  
2枚刃  
左刃左ネジレ30°



●切削条件 P.88

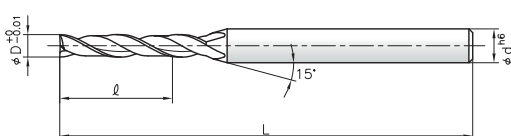
型番	ツールNo.	直径 D	溝長 ℓ	全長 L	価格
YSPDR-L-010	KY23229	0.1	1.2	38	6,170
YSPDR-L-011	KY23230	0.11	1.2	38	6,170
YSPDR-L-012	KY23231	0.12	1.4	38	6,170
YSPDR-L-013	KY23232	0.13	1.4	38	6,170
YSPDR-L-014	KY23233	0.14	1.4	38	6,170
YSPDR-L-015	KY23234	0.15	1.8	38	6,170
YSPDR-L-020	KY23235	0.2	2.4	38	5,670
YSPDR-L-021	KY23236	0.21	2.4	38	5,670
YSPDR-L-022	KY23237	0.22	2.6	38	5,670
YSPDR-L-023	KY23238	0.23	2.6	38	5,670
YSPDR-L-024	KY23239	0.24	2.6	38	5,670
YSPDR-L-025	KY23240	0.25	3	38	5,670
YSPDR-L-030	KY23241	0.3	5	38	5,140
YSPDR-L-031	KY23242	0.31	5	38	5,140
YSPDR-L-032	KY23243	0.32	5	38	5,140
YSPDR-L-033	KY23244	0.33	5	38	5,140
YSPDR-L-034	KY23245	0.34	5	38	5,140
YSPDR-L-035	KY23246	0.35	5	38	5,140
YSPDR-L-040	KY23247	0.4	6	38	3,840
YSPDR-L-041	KY23248	0.41	6	38	3,840
YSPDR-L-042	KY23249	0.42	6	38	3,840
YSPDR-L-043	KY23250	0.43	6	38	3,840
YSPDR-L-044	KY23251	0.44	6	38	3,840
YSPDR-L-045	KY23252	0.45	6	38	3,840
YSPDR-L-050	KY23253	0.5	7	38	3,840
YSPDR-L-051	KY23254	0.51	7	38	3,840
YSPDR-L-052	KY23255	0.52	7	38	3,840
YSPDR-L-053	KY23256	0.53	7	38	3,840
YSPDR-L-054	KY23257	0.54	7	38	3,840
YSPDR-L-055	KY23258	0.55	7	38	3,840
YSPDR-L-060	KY23259	0.6	8.5	38	3,840
YSPDR-L-061	KY23260	0.61	8.5	38	3,840
YSPDR-L-062	KY23261	0.62	8.5	38	3,840
YSPDR-L-063	KY23262	0.63	8.5	38	3,840
YSPDR-L-064	KY23263	0.64	8.5	38	3,840
YSPDR-L-065	KY23264	0.65	8.5	38	3,840
YSPDR-L-070	KY23265	0.7	8.5	38	3,840
YSPDR-L-071	KY23266	0.71	8.5	38	3,840
YSPDR-L-072	KY23267	0.72	8.5	38	3,840
YSPDR-L-073	KY23268	0.73	8.5	38	3,840

型番	ツールNo.	直径 D	溝長 ℓ	全長 L	価格
YSPDR-L-074	KY23269	0.74	8.5	38	3,840
YSPDR-L-075	KY23270	0.75	8.5	38	3,840
YSPDR-L-080	KY23271	0.8	10	38	3,840
YSPDR-L-081	KY23272	0.81	10	38	3,840
YSPDR-L-082	KY23273	0.82	10	38	3,840
YSPDR-L-083	KY23274	0.83	10	38	3,840
YSPDR-L-084	KY23275	0.84	10	38	3,840
YSPDR-L-085	KY23276	0.85	10	38	3,840
YSPDR-L-090	KY23277	0.9	10	38	3,840
YSPDR-L-091	KY23278	0.91	10	38	3,840
YSPDR-L-092	KY23279	0.92	10	38	3,840
YSPDR-L-093	KY23280	0.93	10	38	3,840
YSPDR-L-094	KY23281	0.94	10	38	3,840
YSPDR-L-095	KY23282	0.95	10	38	3,840
YSPDR-L-100	KY23283	1	10	38	3,840
YSPDR-L-101	KY23284	1.01	10	38	3,840
YSPDR-L-102	KY23285	1.02	10	38	3,840
YSPDR-L-103	KY23286	1.03	10	38	3,840
YSPDR-L-104	KY23287	1.04	10	38	3,840
YSPDR-L-105	KY23288	1.05	10	38	3,840
YSPDR-L-110	KY23289	1.1	10	38	3,840
YSPDR-L-120	KY23290	1.2	10	38	3,840
YSPDR-L-130	KY23291	1.3	10.5	38	3,840
YSPDR-L-140	KY23292	1.4	10.5	38	3,840
YSPDR-L-150	KY23293	1.5	10.5	38	3,840
YSPDR-L-160	KY23294	1.6	10.5	38	4,400
YSPDR-L-170	KY23295	1.7	10.5	38	4,400
YSPDR-L-180	KY23296	1.8	10.5	38	4,400
YSPDR-L-190	KY23297	1.9	10.5	38	4,400
YSPDR-L-200	KY23298	2	10.5	38	4,400
YSPDR-L-210	KY23299	2.1	10.5	38	4,400
YSPDR-L-220	KY23300	2.2	10.5	38	4,400
YSPDR-L-230	KY23301	2.3	10.5	38	4,400
YSPDR-L-240	KY23302	2.4	10.5	38	4,400
YSPDR-L-250	KY23303	2.5	10.5	38	4,400
YSPDR-L-260	KY23304	2.6	10.5	38	4,400
YSPDR-L-270	KY23305	2.7	10.5	38	4,840
YSPDR-L-280	KY23306	2.8	10.5	38	4,840
YSPDR-L-290	KY23307	2.9	10.5	38	4,840
YSPDR-L-300	KY23308	3	10.5	38	4,840

## 樹脂加工用 超硬2枚刃エンドミル

### YSPS形 ノンコート

2枚刃  
右ネジレ30°



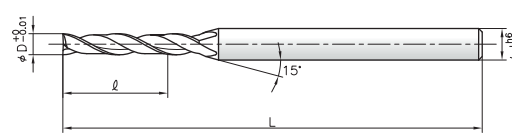
●切削条件 P.88

型番	ツールNo.	刃径 D	刃長 $\ell$	全長 L	柄径 d	価格
YSPS-020	KY21022	0.2	0.6	45	4	8,000
YSPS-030	KY21023	0.3	1	45	4	7,200
YSPS-040	KY21024	0.4	1.5	45	4	6,000
YSPS-050	KY21025	0.5	1.5	45	4	6,000
YSPS-060	KY21026	0.6	2	45	4	5,300
YSPS-070	KY21027	0.7	2	45	4	5,300
YSPS-080	KY21028	0.8	2.5	45	4	5,100
YSPS-090	KY21029	0.9	3	45	4	4,800
YSPS-100	KY21030	1	3	50	4	4,500
YSPS-120	KY21031	1.2	4	50	4	4,500
YSPS-150	KY21032	1.5	5	50	4	4,500
YSPS-200	KY21033	2	6	50	4	4,500
YSPS-250	KY21034	2.5	8	50	4	4,500
YSPS-300-06	KY21036	3	10	60	6	5,300
YSPS-400-06	KY21038	4	12	60	6	6,000
YSPS-500	KY21039	5	15	60	6	6,600
YSPS-600-060	KY21040	6	15	60	6	7,200

## 樹脂加工用 超硬2枚刃ロングシャンクエンドミル

### LS-YSPS形 ノンコート

2枚刃  
右ネジレ30°



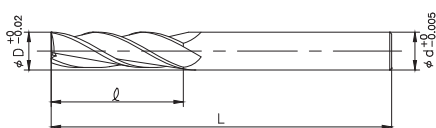
●切削条件 P.88

型番	ツールNo.	刃径 D	刃長 $\ell$	全長 L	柄径 d	価格
LS-YSPS-200-080	KY21290	2	6	80	2	5,040
LS-YSPS-200-100	KY21291	2	6	100	2	5,840
LS-YSPS-300-080	KY21292	3	10	80	3	5,400
LS-YSPS-300-100	KY21293	3	10	100	3	6,500
LS-YSPS-300-120	KY21294	3	10	120	3	7,170
LS-YSPS-300-150	KY21295	3	10	150	3	7,820
LS-YSPS-400-080-12	KY21296	4	12	80	4	5,900
LS-YSPS-400-080-20	KY21297	4	20	80	4	6,500
LS-YSPS-400-100	KY21298	4	20	100	4	7,820
LS-YSPS-400-120	KY21299	4	20	120	4	8,790
LS-YSPS-400-150	KY21300	4	20	150	4	9,740
LS-YSPS-600-100	KY21301	6	21	100	6	8,790

樹脂加工用  
超硬3枚刃ロングシャンクエンドミル

LS-YSPS-3形  
ノンコート

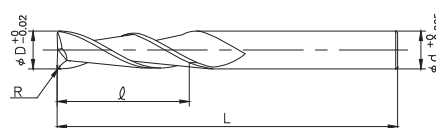
3枚刃  
右ネジレ30°



樹脂加工用  
超硬2枚刃ロングシャンクコーナーR付エンドミル

CR-LS-YSPS形  
ノンコート

2枚刃  
右ネジレ30°



●切削条件 P.89

型番	ツールNo.	刃径 D	刃長 ℓ	全長 L	柄径 d	価格
LS-YSPS-3-030	KY23309	3	10	100	3	11,340
LS-YSPS-3-040	KY23310	4	15	100	4	12,000
LS-YSPS-3-060	KY23311	6	20	120	6	14,000
LS-YSPS-3-080	KY23312	8	30	130	8	22,670
LS-YSPS-3-100	KY23313	10	35	150	10	27,340
LS-YSPS-3-120	KY23314	12	40	150	12	38,670

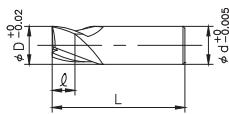
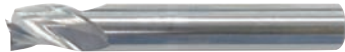
●切削条件 P.89

型番	ツールNo.	刃径 D	コーナー R	刃長 ℓ	全長 L	柄径 d	価格
CR-LS-YSPS-06-020R	KY23315	6	0.2	20	120	6	14,000
CR-LS-YSPS-06-040R	KY23316	6	0.4	20	120	6	14,000
CR-LS-YSPS-06-050R	KY23317	6	0.5	20	120	6	14,000
CR-LS-YSPS-06-075R	KY23318	6	0.75	20	120	6	15,340
CR-LS-YSPS-06-100R	KY23319	6	1	20	120	6	15,340
CR-LS-YSPS-06-125R	KY23320	6	1.25	20	120	6	15,340
CR-LS-YSPS-06-150R	KY23321	6	1.5	20	120	6	15,340
CR-LS-YSPS-06-175R	KY23322	6	1.75	20	120	6	15,340
CR-LS-YSPS-06-200R	KY23323	6	2	20	120	6	15,340
CR-LS-YSPS-08-020R	KY23324	8	0.2	30	130	8	18,000
CR-LS-YSPS-08-040R	KY23325	8	0.4	30	130	8	18,000
CR-LS-YSPS-08-050R	KY23326	8	0.5	30	130	8	18,000
CR-LS-YSPS-08-075R	KY23327	8	0.75	30	130	8	20,000
CR-LS-YSPS-08-100R	KY23328	8	1	30	130	8	20,000
CR-LS-YSPS-08-125R	KY23329	8	1.25	30	130	8	20,000
CR-LS-YSPS-08-150R	KY23330	8	1.5	30	130	8	20,000
CR-LS-YSPS-08-175R	KY23331	8	1.75	30	130	8	20,000
CR-LS-YSPS-08-200R	KY23332	8	2	30	130	8	20,000
CR-LS-YSPS-08-300R	KY23333	8	3	30	130	8	20,000
CR-LS-YSPS-10-020R	KY23334	10	0.2	35	150	10	22,000
CR-LS-YSPS-10-040R	KY23335	10	0.4	35	150	10	22,000
CR-LS-YSPS-10-050R	KY23336	10	0.5	35	150	10	22,000
CR-LS-YSPS-10-075R	KY23337	10	0.75	35	150	10	24,000
CR-LS-YSPS-10-100R	KY23338	10	1	35	150	10	24,000
CR-LS-YSPS-10-125R	KY23339	10	1.25	35	150	10	24,000
CR-LS-YSPS-10-150R	KY23340	10	1.5	35	150	10	24,000
CR-LS-YSPS-10-175R	KY23341	10	1.75	35	150	10	24,000
CR-LS-YSPS-10-200R	KY23342	10	2	35	150	10	24,000
CR-LS-YSPS-10-300R	KY23343	10	3	35	150	10	24,000
CR-LS-YSPS-12-020R	KY23344	12	0.2	40	150	12	35,000
CR-LS-YSPS-12-040R	KY23345	12	0.4	40	150	12	35,000
CR-LS-YSPS-12-050R	KY23346	12	0.5	40	150	12	35,000
CR-LS-YSPS-12-075R	KY23347	12	0.75	40	150	12	38,340
CR-LS-YSPS-12-100R	KY23348	12	1	40	150	12	38,340
CR-LS-YSPS-12-125R	KY23349	12	1.25	40	150	12	38,340
CR-LS-YSPS-12-150R	KY23350	12	1.5	40	150	12	38,340
CR-LS-YSPS-12-175R	KY23351	12	1.75	40	150	12	38,340
CR-LS-YSPS-12-200R	KY23352	12	2	40	150	12	38,340
CR-LS-YSPS-12-300R	KY23353	12	3	40	150	12	38,340

樹脂加工用  
超硬3枚刃エンドミル(NC旋盤用)

NC-YSPSR-R形  
ノンコート

3枚刃  
右刃右ネジレ30°



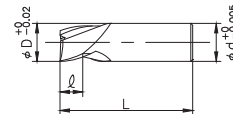
●切削条件 P.89

型番	ツールNo.	刃径 D	刃長 ℓ	全長 L	柄径 d	価格
NC-YSPSR-030	KY23354	3	3	35	3	5,500
NC-YSPSR-040	KY23355	4	4	35	4	6,000
NC-YSPSR-050	KY23356	5	5	35	5	7,000
NC-YSPSR-060	KY23357	6	6	35	6	8,340
NC-YSPSR-070	KY23358	7	6	35	7	10,000
NC-YSPSR-080	KY23359	8	6	35	8	12,340
NC-YSPSR-100	KY23360	10	6	35	10	15,000
NC-YSPSR-120	KY23361	12	6	35	10	18,000

樹脂加工用  
超硬3枚刃エンドミル(NC旋盤用)  
左刃左ネジレ

NC-YSPSL-L形  
ノンコート

3枚刃  
左刃左ネジレ30°



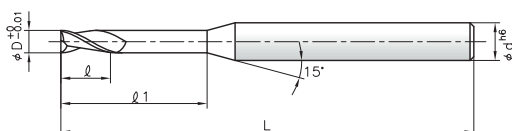
●切削条件 P.89

型番	ツールNo.	刃径 D	刃長 ℓ	全長 L	柄径 d	価格
NC-YSPSL-030	KY23362	3	3	35	3	6,340
NC-YSPSL-040	KY23363	4	4	35	4	7,000
NC-YSPSL-050	KY23364	5	5	35	5	8,170
NC-YSPSL-060	KY23365	6	6	35	6	9,670
NC-YSPSL-070	KY23366	7	6	35	7	11,670
NC-YSPSL-080	KY23367	8	6	35	8	14,17
NC-YSPSL-100	KY23368	10	6	35	10	17,340
NC-YSPSL-120	KY23369	12	6	35	10	20,670

# 樹脂加工用 超硬2枚刃リブ用エンドミル

**YSPRS形  
ノンコート**

2枚刃  
右ネジレ30°



●切削条件 P.90

型番	ツールNo.	刃径 D	刃長 ℓ	有効長 ℓ1	全長 L	柄径 d	価格
YSPRS-030-02	KY21042	0.3	0.6	2	45	4	10,100
YSPRS-030-04	KY21043	0.3	0.6	4	45	4	10,100
YSPRS-030-06	KY21044	0.3	0.6	6	45	4	11,300
YSPRS-040-02	KY21045	0.4	0.8	2	45	4	10,100
YSPRS-040-04	KY21046	0.4	0.8	4	45	4	10,100
YSPRS-040-06	KY21047	0.4	0.8	6	45	4	11,300
YSPRS-050-02	KY21048	0.5	1	2	45	4	6,000
YSPRS-050-04	KY21049	0.5	1	4	45	4	6,000
YSPRS-050-06	KY21050	0.5	1	6	45	4	6,000
YSPRS-050-08	KY21051	0.5	1	8	45	4	7,500
YSPRS-050-10	KY21052	0.5	1	10	50	4	7,500
YSPRS-060-04	KY21053	0.6	1.2	4	45	4	6,000
YSPRS-060-06	KY21054	0.6	1.2	6	45	4	6,000
YSPRS-060-10	KY21055	0.6	1.2	10	50	4	7,500
YSPRS-070-04	KY21056	0.7	1.4	4	45	4	6,000
YSPRS-070-06	KY21057	0.7	1.4	6	45	4	6,000
YSPRS-070-10	KY21058	0.7	1.4	10	50	4	7,500
YSPRS-080-06	KY21059	0.8	1.6	6	45	4	6,000
YSPRS-080-08	KY21060	0.8	1.6	8	45	4	6,000
YSPRS-080-12	KY21061	0.8	1.6	12	50	4	7,200
YSPRS-090-06	KY21062	0.9	1.8	6	45	4	6,000
YSPRS-090-08	KY21063	0.9	1.8	8	45	4	6,000
YSPRS-090-12	KY21064	0.9	1.8	12	50	4	7,200
YSPRS-100-06	KY21065	1	2	6	50	4	5,300
YSPRS-100-08	KY21066	1	2	8	50	4	5,300
YSPRS-100-10	KY21067	1	2	10	50	4	5,300
YSPRS-100-12	KY21068	1	2	12	50	4	5,300
YSPRS-100-16	KY21069	1	2	16	60	4	6,000
YSPRS-100-20	KY21070	1	2	20	60	4	6,000
YSPRS-120-08	KY21071	1.2	2.4	8	50	4	5,300
YSPRS-120-12	KY21072	1.2	2.4	12	50	4	5,300
YSPRS-120-16	KY21073	1.2	2.4	16	60	4	6,000
YSPRS-150-06	KY21074	1.5	3	6	50	4	5,300
YSPRS-150-10	KY21075	1.5	3	10	50	4	5,300
YSPRS-150-12	KY21076	1.5	3	12	50	4	5,300
YSPRS-150-16	KY21077	1.5	3	16	60	4	6,000

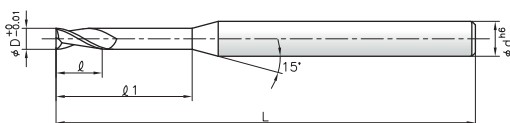
型番	ツールNo.	刃径 D	刃長 ℓ	有効長 ℓ1	全長 L	柄径 d	価格
YSPRS-150-20	KY21078	1.5	3	20	60	4	6,000
YSPRS-150-25	KY21079	1.5	3	25	70	4	7,200
YSPRS-200-08	KY21080	2	4	8	50	4	5,300
YSPRS-200-10	KY21081	2	4	10	50	4	5,300
YSPRS-200-12	KY21082	2	4	12	50	4	5,300
YSPRS-200-16	KY21083	2	4	16	60	4	6,000
YSPRS-200-20	KY21084	2	4	20	60	4	6,000
YSPRS-200-25	KY21085	2	4	25	70	4	7,200
YSPRS-200-30	KY21086	2	4	30	70	4	7,500
YSPRS-300-08	KY21087	3	6	8	60	6	6,000
YSPRS-300-12	KY21088	3	6	12	60	6	6,000
YSPRS-300-16	KY21089	3	6	16	60	6	6,000
YSPRS-300-20	KY21090	3	6	20	60	6	6,000
YSPRS-300-25	KY21091	3	6	25	70	6	6,600
YSPRS-300-30	KY21092	3	6	30	70	6	7,800
YSPRS-300-35	KY21093	3	6	35	80	6	9,500
YSPRS-300-40	KY21094	3	6	40	80	6	10,600
YSPRS-400-12	KY21095	4	8	12	60	6	6,600
YSPRS-400-16	KY21096	4	8	16	60	6	6,600
YSPRS-400-20	KY21097	4	8	20	60	6	6,600
YSPRS-400-25	KY21098	4	8	25	70	6	7,200
YSPRS-400-30	KY21099	4	8	30	70	6	8,000
YSPRS-400-35	KY21100	4	8	35	80	6	9,500
YSPRS-400-40	KY21101	4	8	40	80	6	10,600
YSPRS-400-45	KY21102	4	8	45	100	6	11,300
YSPRS-400-50	KY21103	4	8	50	100	6	11,900
YSPRS-500-16	KY21104	5	10	16	60	6	7,500
YSPRS-500-20	KY21105	5	10	20	60	6	7,500
YSPRS-500-30	KY21106	5	10	30	70	6	9,000
YSPRS-500-40	KY21107	5	10	40	80	6	10,600
YSPRS-500-50	KY21108	5	10	50	100	6	11,900



# 樹脂加工用 超硬2枚刃リブ用エンドミルロング

**YSPRL形**  
**ノンコート**

2枚刃  
右ネジレ30°



●切削条件 P.90

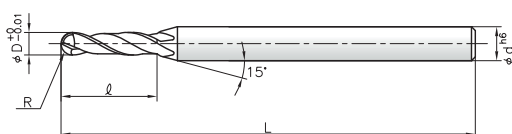
型番	ツールNo.	刃径 D	刃長 ℓ	有効長 ℓ1	全長 L	柄径 d	価格
YSPRL-020-02	KY21314	0.2	1	2	50	3	10,200
YSPRL-030-03	KY21315	0.3	1.5	3	50	3	10,200
YSPRL-040-04	KY21316	0.4	1.5	4	50	3	10,200
YSPRL-050-05	KY21317	0.5	1.5	5	60	3	6,500
YSPRL-060-06	KY21318	0.6	2	6	60	3	6,500
YSPRL-080-08	KY21319	0.8	3	8	60	3	6,500
YSPRL-100-50	KY21320	1	3	50	100	4	11,340
YSPRL-100-60	KY21321	1	3	60	120	4	12,340
YSPRL-100-70	KY21322	1	3	70	120	4	12,990
YSPRL-150-50	KY21323	1.5	5	50	100	4	11,340
YSPRL-150-70	KY21324	1.5	5	70	120	4	12,990
YSPRL-200-50	KY21325	2	6	50	100	4	11,340
YSPRL-200-60-120	KY21326	2	6	60	120	4	12,340
YSPRL-200-60-150	KY21327	2	6	60	150	4	12,990
YSPRL-200-70-120	KY21328	2	6	70	120	4	12,990
YSPRL-200-70-150	KY21329	2	6	70	150	4	14,590
YSPRL-300-50	KY21330	3	10	50	100	6	14,590
YSPRL-300-70	KY21331	3	10	70	120	6	15,570
YSPRL-300-100	KY21332	3	10	100	150	6	18,170
YSPRL-400-50	KY21333	4	12	50	100	6	12,990
YSPRL-400-70	KY21334	4	12	70	120	6	14,590
YSPRL-400-100	KY21335	4	12	100	150	6	17,500
YSPRL-500-50	KY21336	5	15	50	100	6	12,990
YSPRL-500-100	KY21337	5	15	100	150	6	17,500
YSPRL-600-50	KY21338	6	20	50	100	6	13,650
YSPRL-600-60-120	KY21339	6	20	60	120	6	15,290
YSPRL-600-60-150	KY21340	6	20	60	150	6	16,870
YSPRL-600-70-120	KY21341	6	20	70	120	6	16,200
YSPRL-600-70-150	KY21342	6	20	70	150	6	16,870
YSPRL-600-100	KY21343	6	20	100	150	6	18,820
YSPRL-800-40	KY21344	8	20	40	100	8	14,590
YSPRL-800-50	KY21345	8	20	50	100	8	14,920
YSPRL-800-60	KY21346	8	30	60	120	8	15,570
YSPRL-800-80	KY21347	8	30	80	130	8	16,200
YSPRL-800-100	KY21348	8	30	100	150	8	18,170
YSPRL-1000-40	KY21349	10	20	40	100	10	15,570

型番	ツールNo.	刃径 D	刃長 ℓ	有効長 ℓ1	全長 L	柄径 d	価格
YSPRL-1000-50	KY21350	10	20	50	100	10	15,900
YSPRL-1000-60	KY21351	10	30	60	120	10	16,870
YSPRL-1000-80	KY21352	10	30	80	130	10	17,840
YSPRL-1000-100	KY21353	10	30	100	150	10	20,120

## 樹脂加工用 超硬2枚刃ボールエンドミル

### YSPB形 ノンコート

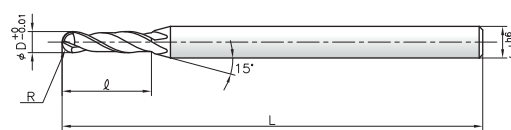
2枚刃  
右ネジレ30°



## 樹脂加工用 超硬2枚刃ロングシャンクボールエンドミル

### LS-YSPB形 ノンコート

2枚刃  
右ネジレ30°



●切削条件 P.90

型番	ツールNo.	R	刃径 D	刃長 ℓ	全長 L	柄径 d	価格
YSPB-R010	KY21109	0.1	0.2	0.6	45	4	10,600
YSPB-R020	KY21110	0.2	0.4	0.8	45	4	9,000
YSPB-R025	KY21111	0.25	0.5	1.5	45	4	9,000
YSPB-R030	KY21112	0.3	0.6	2	45	4	8,300
YSPB-R040	KY21113	0.4	0.8	2.5	45	4	7,800
YSPB-R050	KY21114	0.5	1	3	50	4	7,200
YSPB-R060	KY21115	0.6	1.2	3.5	50	4	7,200
YSPB-R070	KY21116	0.7	1.4	4	50	4	7,200
YSPB-R075	KY21117	0.75	1.5	5	50	4	7,200
YSPB-R080	KY21118	0.8	1.6	5	50	4	7,200
YSPB-R090	KY21119	0.9	1.8	5	50	4	7,200
YSPB-R100	KY21120	1	2	6	50	4	7,200
YSPB-R150	KY21121	1.5	3	10	60	6	8,300
YSPB-R200	KY21123	2	4	12	60	6	8,300
YSPB-R250	KY21125	2.5	5	15	60	6	9,000
YSPB-R300	KY21126	3	6	15	60	6	9,500

●切削条件 P.90

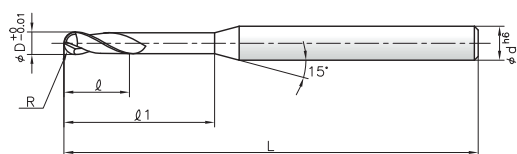
型番	ツールNo.	R	刃径 D	刃長 ℓ	全長 L	柄径 d	価格
LS-YSPB-R100-080	KY21302	1	2	6	80	2	7,700
LS-YSPB-R100-100	KY21303	1	2	6	100	2	9,090
LS-YSPB-R150-080-10	KY21304	1.5	3	10	80	3	8,400
LS-YSPB-R150-080-15	KY21305	1.5	3	15	80	3	8,400
LS-YSPB-R150-100	KY21306	1.5	3	10	100	3	9,740
LS-YSPB-R150-120	KY21307	1.5	3	10	120	3	10,400
LS-YSPB-R150-150	KY21308	1.5	3	10	150	3	11,700
LS-YSPB-R200-080	KY21309	2	4	20	80	4	8,900
LS-YSPB-R200-100	KY21310	2	4	20	100	4	10,400
LS-YSPB-R200-120	KY21311	2	4	20	120	4	11,340
LS-YSPB-R200-150	KY21312	2	4	20	150	4	12,340
LS-YSPB-R300-100	KY21313	3	6	20	100	6	11,340



# 樹脂加工用 超硬2枚刃リブ用ボールエンドミル

**YSPRB形**  
**ノンコート**

2枚刃  
右ネジレ30°



●切削条件 P.91

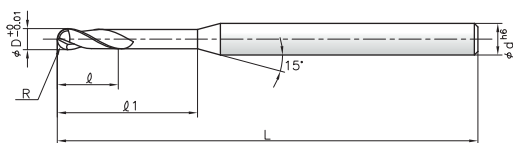
型番	ツールNo.	R	刃径 D	刃長 ℓ	有効長 ℓ1	全長 L	柄径 d	価格
YSPRB-R010-02	KY21128	0.1	0.2	0.3	2	45	4	11,300
YSPRB-R010-04	KY21129	0.1	0.2	0.3	4	45	4	11,900
YSPRB-R020-02	KY21130	0.2	0.4	0.6	2	45	4	10,100
YSPRB-R020-04	KY21131	0.2	0.4	0.6	4	45	4	10,600
YSPRB-R025-02	KY21132	0.25	0.5	0.8	2	45	4	6,800
YSPRB-R025-04	KY21133	0.25	0.5	0.8	4	45	4	6,800
YSPRB-R025-06	KY21134	0.25	0.5	0.8	6	45	4	6,800
YSPRB-R025-08	KY21135	0.25	0.5	0.8	8	45	4	7,800
YSPRB-R025-10	KY21136	0.25	0.5	0.8	10	50	4	7,800
YSPRB-R025-12	KY21137	0.25	0.5	0.8	12	50	4	9,000
YSPRB-R025-15	KY21138	0.25	0.5	0.8	15	50	4	9,000
YSPRB-R030-04	KY21139	0.3	0.6	1	4	45	4	7,500
YSPRB-R030-06	KY21140	0.3	0.6	1	6	45	4	7,500
YSPRB-R030-10	KY21141	0.3	0.6	1	10	50	4	8,600
YSPRB-R040-04	KY21142	0.4	0.8	1.2	4	45	4	7,200
YSPRB-R040-06	KY21143	0.4	0.8	1.2	6	45	4	7,200
YSPRB-R040-10	KY21144	0.4	0.8	1.2	10	50	4	8,000
YSPRB-R040-12	KY21145	0.4	0.8	1.2	12	50	4	8,000
YSPRB-R050-04	KY21146	0.5	1	1.5	4	50	4	6,300
YSPRB-R050-08	KY21147	0.5	1	1.5	8	50	4	6,300
YSPRB-R050-12	KY21148	0.5	1	1.5	12	50	4	6,800
YSPRB-R050-16	KY21149	0.5	1	1.5	16	60	4	7,500
YSPRB-R050-20	KY21150	0.5	1	1.5	20	60	4	8,600
YSPRB-R050-25	KY21151	0.5	1	1.5	25	70	4	9,000
YSPRB-R050-30	KY21152	0.5	1	1.5	30	70	4	10,100
YSPRB-R060-08	KY21153	0.6	1.2	1.8	8	50	4	6,300
YSPRB-R060-12	KY21154	0.6	1.2	1.8	12	50	4	6,800
YSPRB-R060-16	KY21155	0.6	1.2	1.8	16	60	4	7,500
YSPRB-R070-08	KY21156	0.7	1.4	2	8	50	4	6,300
YSPRB-R070-12	KY21157	0.7	1.4	2	12	50	4	6,800
YSPRB-R070-16	KY21158	0.7	1.4	2	16	60	4	7,500
YSPRB-R075-08	KY21159	0.75	1.5	2.2	8	50	4	6,800
YSPRB-R075-12	KY21160	0.75	1.5	2.2	12	50	4	7,500
YSPRB-R075-16	KY21161	0.75	1.5	2.2	16	60	4	7,500
YSPRB-R075-20	KY21162	0.75	1.5	2.2	20	60	4	7,500
YSPRB-R075-25	KY21163	0.75	1.5	2.2	25	70	4	8,600

型番	ツールNo.	R	刃径 D	刃長 ℓ	有効長 ℓ1	全長 L	柄径 d	価格
YSPRB-R080-12	KY21164	0.8	1.6	2.4	12	50	4	6,800
YSPRB-R080-16	KY21165	0.8	1.6	2.4	16	60	4	7,500
YSPRB-R080-20	KY21166	0.8	1.6	2.4	20	60	4	7,500
YSPRB-R090-12	KY21167	0.9	1.8	2.5	12	50	4	6,800
YSPRB-R090-16	KY21168	0.9	1.8	2.5	16	60	4	7,500
YSPRB-R090-20	KY21169	0.9	1.8	2.5	20	60	4	7,500
YSPRB-R100-08	KY21170	1	2	3	8	50	4	6,800
YSPRB-R100-12	KY21171	1	2	3	12	50	4	6,800
YSPRB-R100-16	KY21172	1	2	3	16	60	4	6,800
YSPRB-R100-20	KY21173	1	2	3	20	60	4	6,800
YSPRB-R100-25	KY21174	1	2	3	25	70	4	7,500
YSPRB-R100-30	KY21175	1	2	3	30	70	4	8,600
YSPRB-R100-35	KY21176	1	2	3	35	80	4	10,100
YSPRB-R100-40	KY21177	1	2	3	40	80	4	11,900
YSPRB-R150-08	KY21178	1.5	3	4	8	50	6	7,500
YSPRB-R150-12	KY21179	1.5	3	4	12	50	6	7,500
YSPRB-R150-16	KY21180	1.5	3	4	16	60	6	7,500
YSPRB-R150-20	KY21181	1.5	3	4	20	60	6	7,500
YSPRB-R150-25	KY21182	1.5	3	4	25	70	6	8,000
YSPRB-R150-30	KY21183	1.5	3	4	30	70	6	8,600
YSPRB-R150-35	KY21184	1.5	3	4	35	80	6	10,100
YSPRB-R150-40	KY21185	1.5	3	4	40	80	6	11,300
YSPRB-R200-12	KY21186	2	4	5	12	50	6	7,500
YSPRB-R200-16	KY21187	2	4	5	16	60	6	7,500
YSPRB-R200-20	KY21188	2	4	5	20	60	6	7,500
YSPRB-R200-25	KY21189	2	4	5	25	70	6	8,000
YSPRB-R200-30	KY21190	2	4	5	30	70	6	8,600
YSPRB-R200-35	KY21191	2	4	5	35	80	6	10,100
YSPRB-R200-40	KY21192	2	4	5	40	80	6	10,600
YSPRB-R200-45	KY21193	2	4	5	45	100	6	12,100
YSPRB-R200-50	KY21194	2	4	5	50	100	6	13,100
YSPRB-R250-16	KY21195	2.5	5	6	16	60	6	7,500
YSPRB-R250-20	KY21196	2.5	5	6	20	60	6	7,500
YSPRB-R250-30	KY21197	2.5	5	6	30	70	6	9,000
YSPRB-R250-40	KY21198	2.5	5	6	40	80	6	11,300
YSPRB-R250-50	KY21199	2.5	5	6	50	100	6	13,300

樹脂加工用  
超硬2枚刃リブ用ボールエンドミルロング

YSPRBL形  
ノンコート

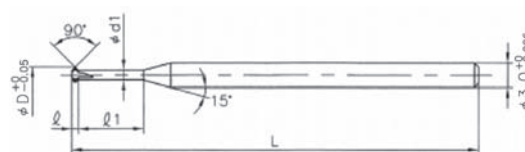
2枚刃  
右ネジレ30°



樹脂加工用  
超硬面取りカッター ダブル

YSBMC形  
ノンコート

φ3シャンク  
3枚刃  
両角90°直刃



●切削条件 P.91

型番	ツールNo.	R	刃径 D	刃長 ℓ	有効長 ℓ1	全長 L	柄径 d	価格
YSPRBL-R010-02	KY21354	0.1	0.2	1	2	50	3	12,500
YSPRBL-R015-03	KY21355	0.15	0.3	1.5	3	50	3	12,500
YSPRBL-R020-04	KY21356	0.2	0.4	1.5	4	50	3	12,500
YSPRBL-R025-05	KY21357	0.25	0.5	1.5	5	60	3	7,700
YSPRBL-R030-06	KY21358	0.3	0.6	2	6	60	3	7,700
YSPRBL-R040-08	KY21359	0.4	0.8	3	8	60	3	7,700
YSPRBL-R050-40	KY21360	0.5	1	3	40	100	4	12,340
YSPRBL-R050-50	KY21361	0.5	1	3	50	100	4	12,340
YSPRBL-R050-60	KY21362	0.5	1	3	60	120	4	12,990
YSPRBL-R050-70	KY21363	0.5	1	3	70	120	4	13,650
YSPRBL-R075-50	KY21364	0.75	1.5	4	50	100	4	12,990
YSPRBL-R075-70	KY21365	0.75	1.5	4	70	120	4	14,590
YSPRBL-R100-40	KY21366	1	2	5	40	100	4	13,650
YSPRBL-R100-50	KY21367	1	2	5	50	100	4	13,650
YSPRBL-R100-60-120	KY21368	1	2	5	60	120	4	13,950
YSPRBL-R100-60-150	KY21369	1	2	5	60	150	4	14,590
YSPRBL-R100-70-120	KY21370	1	2	5	70	120	4	14,590
YSPRBL-R100-70-150	KY21371	1	2	5	70	150	4	16,200
YSPRBL-R100-80	KY21372	1	2	5	80	150	4	16,900
YSPRBL-R100-90	KY21373	1	2	5	90	150	4	17,540
YSPRBL-R150-50	KY21374	1.5	3	10	50	100	6	16,200
YSPRBL-R150-70	KY21375	1.5	3	10	70	120	6	17,170
YSPRBL-R150-100	KY21376	1.5	3	10	100	150	6	20,120
YSPRBL-R200-50	KY21377	2	4	12	50	100	6	14,920
YSPRBL-R200-70	KY21378	2	4	12	70	120	6	16,900
YSPRBL-R200-100	KY21379	2	4	12	100	150	6	19,450
YSPRBL-R250-50	KY21380	2.5	5	15	50	100	6	14,920
YSPRBL-R250-70	KY21381	2.5	5	15	70	120	6	16,200
YSPRBL-R250-100	KY21382	2.5	5	15	100	150	6	19,450
YSPRBL-R300-50	KY21383	3	6	20	50	100	6	15,570
YSPRBL-R300-60-120	KY21384	3	6	20	60	120	6	16,900
YSPRBL-R300-60-150	KY21385	3	6	20	60	150	6	18,820
YSPRBL-R300-70-120	KY21386	3	6	20	70	120	6	18,170
YSPRBL-R300-70-150	KY21387	3	6	20	70	150	6	18,820
YSPRBL-R300-100	KY21388	3	6	20	100	150	6	20,750

●切削条件 P.91

型番	ツールNo.	外径 D	刃長 ℓ	有効長 ℓ1	首下径 d1	全長 L	価格
YSBMC-050	KY23139	0.5	0.2	0.8	0.3	50	16,670
YSBMC-060	KY23140	0.6	0.24	1	0.36	50	16,670
YSBMC-070	KY23141	0.7	0.28	1.2	0.42	50	16,000
YSBMC-080	KY23142	0.8	0.32	1.5	0.48	50	15,000
YSBMC-090	KY23143	0.9	0.36	1.5	0.54	50	14,000
YSBMC-100	KY23144	1	0.4	5	0.6	50	14,000
YSBMC-150	KY23145	1.5	0.4	6	1.1	50	12,670
YSBMC-200	KY23146	2	0.8	8	1.2	50	12,670
YSBMC-250	KY23147	2.5	1	10	1.5	50	12,670
YSBMC-300	KY23148	3	1.2	10	1.8	50	12,670