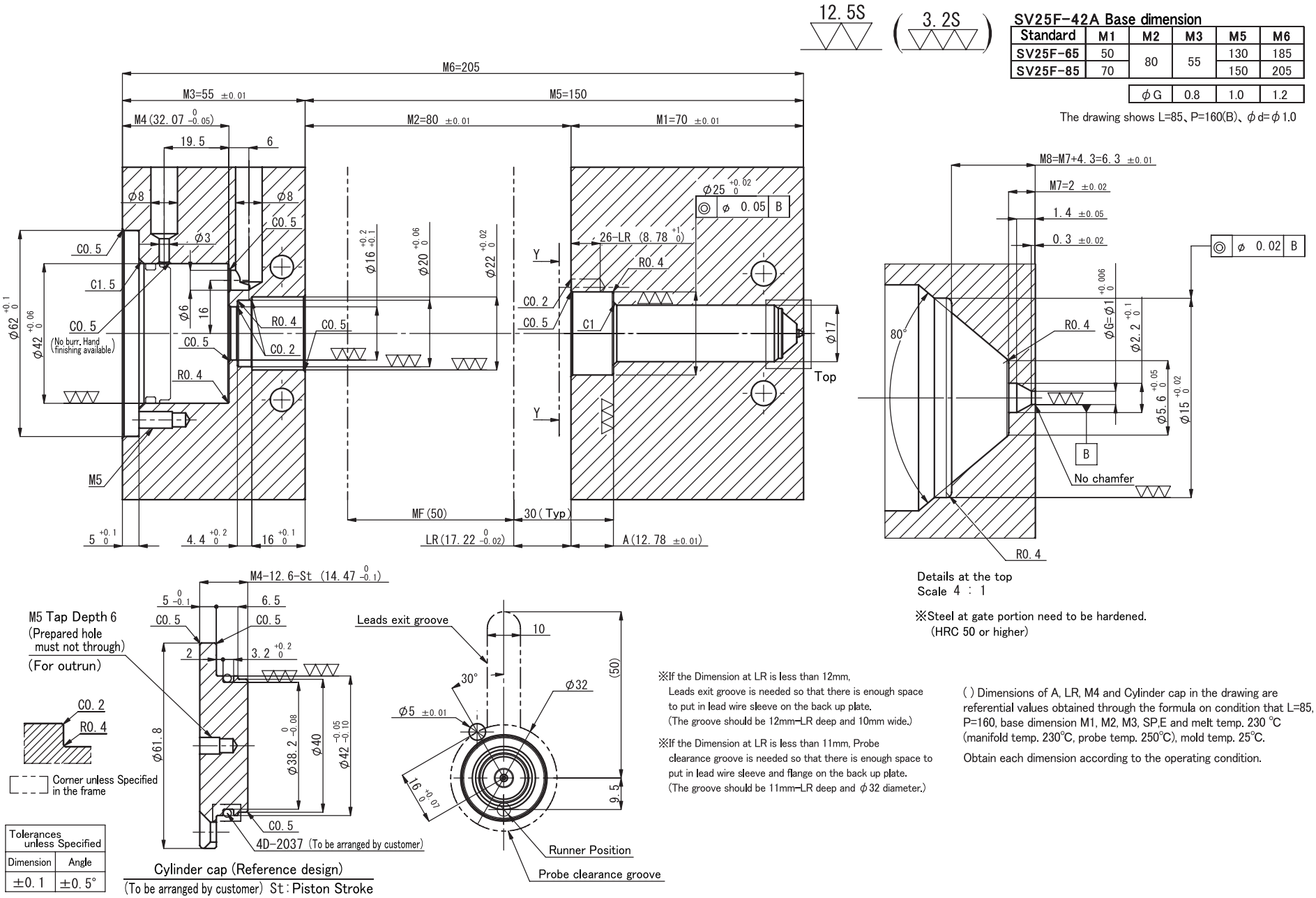
Machining Drawing SV25F－42A（φ0.8,1.0,1.2）



SV25F-42A Base dimension

Standard	M1	M2	M3	M5	M6
SV25F-65	50	80	55	130	185
SV25F-85	70			150	205

φG	0.8	1.0	1.2

The drawing shows L=85、P=160(B)、φd=φ1.0

Details at the top
Scale 4 : 1

※Steel at gate portion need to be hardened.
(HRC 50 or higher)

Tolerances unless Specified	
Dimension	Angle
±0.1	±0.5°

Cylinder cap (Reference design)
(To be arranged by customer) St：Piston Stroke

※If the Dimension at LR is less than 12mm,
Leads exit groove is needed so that there is enough space to put in lead wire sleeve on the back up plate.
(The groove should be 12mm−LR deep and 10mm wide.)

※If the Dimension at LR is less than 11mm, Probe clearance groove is needed so that there is enough space to put in lead wire sleeve and flange on the back up plate.
(The groove should be 11mm−LR deep and φ32 diameter.)

( ) Dimensions of A, LR, M4 and Cylinder cap in the drawing are referential values obtained through the formula on condition that L=85, P=160, base dimension M1, M2, M3, SP,E and melt temp. 230 ℃ (manifold temp. 230℃, probe temp. 250℃), mold temp. 25℃.

Obtain each dimension according to the operating condition.

SEIKI VALVE & SPEAR SYSTEM