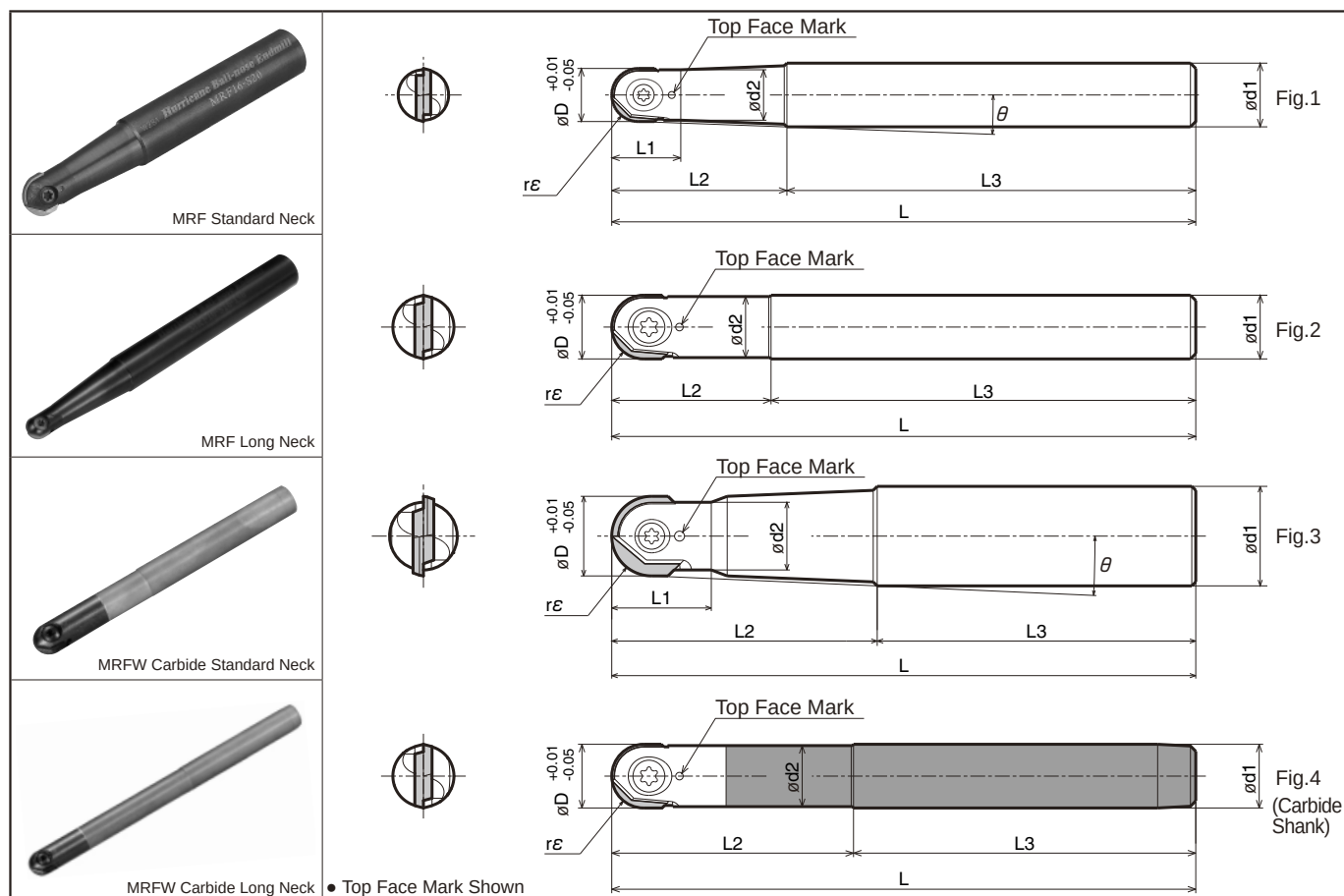


Ball-Nose Endmill

MRF / MRFW (Carbide Shank)



Toolholder Dimensions

Description			Std.	No. of Insert	Dimension (mm)							Drawing	Spare Parts			Applicable Inserts M20		
					rε	øD	ød1	ød2	L	L1	L2		L3	θ			 DT TT	 MP-1
Standard Neck	MRF	08-S12	●	1	4	8	12	7.5	100	10	22	78	6°20'	Fig.1	SC-30067	DT-8	MP-1	RDFG08FR
		10-S12	●		5	10		9.5		13	25	75	3°		SC-35085	DT-10		RDFG10FR
		12-S12	●		6	12	11.5	110	-	30	80	-	Fig.2	SC-40100	DT-15	RDFG12FR		
		16-S20	●		8	16	20	14	130	20		50		2°50'	Fig.1	SC-50130		DT-20
		20-S25	●		10	20	25	17	140	25		60	3°	Fig.3		SC-60160		TT-25
		25-S32	●		12.5	25	32	22	150	31		70	3°30'		SC-60210	TT-30		RDFG25FR
Long Neck	MRF	08-S12-130	●	1	4	8	12	7.5	130	10	50	80	2°30'	Fig.1	SC-30067	DT-8	MP-1	RDFG08FR
		10-S16-150	●		5	10	9.5	150	15	100		3°50'	SC-35085		DT-10	RDFG10FR		
		12-S16-160	●		6	12	11.5	160	16		60	2°10'	SC-40100		DT-15	RDFG12FR		
		16-S20-160	●		8	16	20	14	160	20	65	95	2°		SC-50130	DT-20		RDFG16FR
		20-S25-180	●		10	20	25	17	180	25	80	100	2°10'	Fig.3	SC-60160	TT-25		RDFG20FR
		25-S32-200	●		12.5	25	32	22	200	31	90	110	2°40'		SC-60210	TT-30		RDFG25FR
Carbide Standard Neck	MRFW	08-S08	●	1	4	8	8	7.4	100	-	30	70	-	Fig.4	SC-30067	DT-8	MP-1	RDFG08FR
		10-S10	●		5	10	10	9.5	100	-	35	65	-		SC-35085	DT-10		RDFG10FR
		12-S12	●		6	12	12	11.5	110	-	45	-	SC-40100		DT-15	RDFG12FR		
Carbide Long Neck	MRFW	08-S08-130	●	1	4	8	8	7.4	130	-	65	65	-	Fig.4	SC-30067	DT-8	MP-1	RDFG08FR
		10-S10-140	●		5	10	10	9.5	140	-	75		-		SC-35085	DT-10		RDFG10FR
		12-S12-150	●		6	12	12	11.5	150	-	85		-		SC-40100	DT-15		RDFG12FR

• θ (Toolholder's interference angle) is the angle formed by the tangential line from insert dia. to toolholder's shank dia.



Coat Anti-seize Compound (MP-1) thinly on clamp screw when insert is fixed.

● : Std. Item ○ : Check Availability R : Std. Item (R-hand Only) L : Std. Item (L-hand Only)