



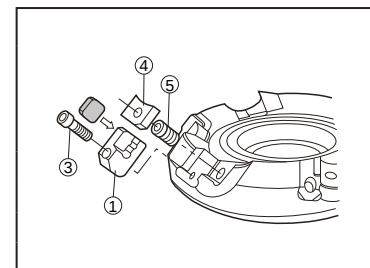
Facing



Chamfering

Spare Parts

Description	① Cartridge	② Shim	③ Clamp Screw HH SP	④ Clamp	⑤ Clamp Screw	Wrench
MSO 45100R 45125R 45160R 45200R	LSO-445R	-	HH4X16			
MSO 4550R-13E-4T 4563R-13E-5T 4580R-13E-5T	-	MSO-4T245	SP3X6	CH-20R	TH8X15	TH-4
MSO 45100R-E 45125R-E 45160R-E 45200R-E	LSO-445R	-	HH4X16			



This figure indicates cartridge type.

- Mounting Bolt (HH10X25) is included for MSO4550R-13E-4T and MSO4563R-13E-5T.
- Mounting Bolt (HH12X30) is included for MSO4580R-13E-5T.

Applicable Inserts

Toolholder	Applicable Inserts ➡ M10, M11		Applicable Inserts ➡ M21
MSO 45...	SOKR 13T3AXEN-J	SOKN 13T3AXTN 13T3AXFN	SOKN 13T3AXFN-NE (PCD)

Recommended Cutting Conditions

Workpiece Material	fz (mm/t)	Recommended Insert Grade (Cutting Speed Vc : m/min)													
		Cermet			PVD Coated Carbide						Carbide		PCD		
		TN60	TN100M	TC60	PR630	PR730	PR830			PR660	PR905	PW30	KW10	KPD230	
Stainless Steel	~0.25		☆ 120~200	☆ 120~200	☆ 120~200	☆ 120~200				★ 100~200					
Carbon Steel	~0.3		★ 120~200	☆ 120~200	☆ 120~200	★ 120~200				☆ 100~180					
Alloy Steel	~0.3		★ 100~180	☆ 100~180	☆ 100~180	★ 100~180				☆ 80~150					
Mold Steel	~0.25		★ 100~180	☆ 100~180	☆ 80~150	★ 80~150				☆ 60~130					
Cast Iron	~0.3										★ 100~200		☆ 80~150		
Non-ferrous Metals	~0.2												★ 100~300	★ 300~800	

★ : 1st Recommendation ☆ : 2nd Recommendation

M



Milling